OMAHA LEAD SITE
REMEDIAL INVESTIGATION REPORT
VOLUME III

APPENDIX M

BASELINE HUMAN HEALTH RISK ASSESSMENT

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LIST OF ACRONYMS AND ABBREVIATIONS

ABA	Absolute Bioavailability
ABS	Dermal Absorption Fraction
AF	Adherence Factor
AFo	Oral Absorption Fraction
AQS	Air Quality System
ASARCO	American Smelting and Refining Company
AT	Averaging Time
ATSDR	Agency for Toxic Substances and Disease Registry
bgs	Below Ground Surface
BHHRA	Baseline Human Health Risk Assessment
BVID	Black and Veatch ID (property ID)
BW	Body Weight
CBW	Council Bluffs Waterworks
CDC	Centers for Disease Control
CF	Conversion Factor
COPC	Chemical of Potential Concern
CTE	Central Tendency Exposure
CVAA	Cold Vapor Atomic Absorption
DA	Absorbed Dose per Event
DAD	Dermal Absorbed Dose
DCHD	Douglas County Health Department
DI	Daily Intake
DI_L	Daily Intake averaged over a Lifetime
DQA	Data Quality Assessment
ED	Exposure Duration
EF	Exposure Frequency
EPC	Exposure Point Concentration
EV	Event Frequency
FDA	Food and Drug Administration
GM	Geometric Mean
GSD	Geometric Standard Deviation
HEAST	Heath Effects Assessment Summary Tables
HI	Hazard Index
HIF	Human Intake Factor
HVS3	High Volume Small Surface Sampler
HQ	Hazard Quotient
HUD	Housing and Urban Development
IARC	International Agency for Research on Cancer
ICP-AES	Inductively Coupled Plasma Atomic Emission Spectroscopy

IEUBK	Integrated Exposure Uptake Biokinetic Model
IR	Intake Rate
IRIS	Integrated Risk Information System
IVBA	*In Vitro* Bioaccessibility
LOAEL	Lowest-observed-adverse-effect-level
MRLs	Minimal Risk Levels
MUD	Metropolitan Utilities District
NHHSS	Nebraska Health and Human Services System
NOAEL	No-observed-adverse-effect-level
NPL	National Priorities List
NTP	National Toxicology Program
OLS	Omaha Lead Site
P10	Probability of having a blood lead level that exceeds 10 µg/dL
PA/SI	Preliminary Assessment/Site Investigation
PPRTVs	Provisional Peer Reviewed Toxicity Values
RAGS	Risk Assessment Guidance for Superfund
RBA	Relative Bioavailability
RfD	Reference Dose
RI	Remedial Investigation
ROD	Record of Decision
RME	Reasonable Maximum Exposure
SA	Surface Area
SAP	Sampling and Analysis Plan
SCM	Site Conceptual Model
SF	Slope Factor
STSC	Superfund Health Risk Technical Support Center
TAL	Target Analyte List
TWA	Time-Weighted Average
UCL	Upper Confidence Limit
USEPA	United States Environmental Protection Agency
WOE	Weight of Evidence
XRF	X-Ray Fluorescence

EXECUTIVE SUMMARY

1.0 INTRODUCTION

This document is the final baseline human heath risk assessment (BHHRA) for the Omaha Lead Site (OLS) located in Omaha, Nebraska. The purpose of this document is to characterize the risks to area residents, both now and in the future, from site-related contaminants present in environmental media, assuming that no steps are taken to remediate the environment or to reduce human contact with contaminated environmental media. The results of this assessment are intended to help inform risk managers and the public about potential human risks attributable to site-related contaminants and to help determine where there is a need for action at the site.

2.0 SITE CHARACTERIZATION

Site Location and Description

The OLS is located in Omaha, Nebraska. The site is approximately 27 square miles in size, and includes most of the eastern portion of the greater Omaha metropolitan area (Figure ES-1). It includes all residential properties, child-care facilities, vacant lots, and other residential-type properties (schools, churches, parks) that have been contaminated as a result of historic air emissions from lead smelting/refining operations. There are more than 39,000 residential properties and vacant lots located within the Final Focus Area (Figure ES-1). Commercial and industrial properties are not included in the site.

Basis for Concern

In the past, two lead smelters operated in the eastern part of the OLS. Historical smelting, refining, and recycling activities that occurred at these smelters resulted in the release of lead and other smelter-related metals into air in the form of particulate matter. These particulates in the air were transported by wind and deposited onto soil in the vicinity of the site. Humans may be exposed to lead and other smelter-related metals in soil by a number of pathways, and adverse health effects may occur if concentrations and exposure levels are high enough.

One measure of human exposure to lead is the concentration of lead in the blood, generally expressed in units of micrograms of lead per deciliter of blood (µg/dL). Concentration values above 10 µg/dL are generally considered to be elevated and of potential health concern. The Douglas County Health Department has been monitoring lead levels in the blood of children living in Douglas County for a number of years. Figure ES-2 shows the percentage of children with elevated blood leads (> 10 µg/dL) in the area of the site compared with State and national data. As shown, the frequency of elevated blood lead values in the area of the OLS have been consistently higher than elsewhere. This indicates that children living in the area of the site are

being exposed to lead in the environment at levels that exceed other locations, and which may be of potential health concern to some children.

3.0 SITE CONCEPTUAL MODEL

Exposure Media and Pathways of Potential Concern

Figure ES-3 presents a general conceptual model of how smelter-related contaminants that have been released to the environment at the OLS might result in exposure of humans. The environmental medium of chief concern is surface soil that has been impacted by the wet or dry deposition of metal-containing airborne particulates released from the smelters. The human population of chief concern is residents in the area of the site, now or in the future, including both children and adults. Residents might be exposed to smelter-related contaminants in site soils by a number of different pathways, including ingestion, inhalation, and dermal contact with contaminated soil or dust. Other pathways (ingestion of home-grown produce that may have taken up contaminants from the soil, ingestion of contaminated drinking water, and contact with contaminated surface water or sediment) are likely to be minor sources of exposure.

Selection of Chemicals of Potential Concern

Chemicals of Potential Concern (COPCs) are chemicals which exist in the environment at concentration levels that might be of potential health concern to humans and which are or might be derived, at least in part, from site-related sources. The chief COPC at this site is lead. However, several other chemicals were identified that might also be of potential concern to humans, including the following:

Chemicals of Potential Concern	
Aluminum	Iron
Antimony	Lead
Arsenic	Manganese
Cadmium	Mercury
Chromium	Thallium
Cobalt	Vanadium
Copper	Zinc

4.0 EVALUATION OF RISK ASSOCIATED WITH EXPOSURE TO LEAD

4.1 Exposure Assessment

Population of Chief Concern

The population of chief concern for lead exposure is young children (age 0-84 months of age). This is because young children tend to have higher intakes of lead than adults, tend to absorb more lead than adults, and are inherently more sensitive to lead than adults. If environmental exposures to lead in a residential area are below a level of health concern for young children, exposures are usually also below a level of health concern for older children and adults, including pregnant women.

Exposure Pathways of Chief Concern

Young children can be exposed to lead from a variety of sources. At this site, the environmental medium of chief concern to EPA is outdoor soil that became contaminated with lead released from historic smelter operations. Exposure to smelter-contaminated soil may occur through ingestion of soil or dust, or through inhalation. Dermal absorption of lead from soil or dust is considered to be very minor, as is uptake of lead from soil into home-grown produce.

In addition to these exposures to smelter-related releases of lead, children may also be exposed to lead from other sources as well. This includes lead in drinking water and in food bought from grocery stores. Because risk from lead depends on exposure from all of these sources, these exposure pathways are also included in the risk evaluation for lead.

Another source of lead exposure is lead-based paint. To the extent that lead-based paint has contributed to lead levels in soil or dust at the site, the risks are included in the evaluation of risks from ingestion of these media. Risk from direct ingestion of lead-based paint chips is also of substantial concern, but this exposure pathway is not evaluated in this assessment.

4.2 Toxicity Assessment

Non-Cancer Effects

Excess exposure to lead can result in a wide variety of adverse effects in children. The most important effect is on the nervous system. The effects of chronic low-level exposure on the nervous system include decreased performance in various types of tests of intelligence, attention span, hand-eye coordination, etc. The overall weight of the available evidence provides clear evidence of nervous system effects in young children occurring at blood lead levels in the range of 5-10 µg/dL, and possibly lower. Such effects on the nervous system are long-lasting and may be permanent.

Cancer Effects

Studies in animals indicate that chronic oral exposure to very high doses of lead salts may cause an increased frequency of tumors of the kidney. However, there is only limited evidence suggesting that lead may be carcinogenic in humans, and the non-carcinogenic effects on the nervous system are usually considered to be the most important and sensitive endpoints of lead toxicity.

Current Guidelines for Protecting Children from Lead

The USEPA identifies 10 µg/dL as the blood lead concentration level at which adverse effects begin to occur that warrant avoidance. For convenience, the probability that an observed blood lead value will exceed 10 µg/dL is referred to as P10. The EPA has established a health-based goal that there should be no more than a 5% chance that a child will have a blood lead value above 10 µg/dL (USEPA 1994b,1998b). That is, the health-based goal is to ensure that P10 does not exceed 5%.

4.3 Overview of the IEUBK Model

The USEPA has developed a mathematical model for evaluating lead risks to residential children. This model is referred to as the Integrated Exposure Uptake Biokinetic (IEUBK) model. This model requires, as input, data on the levels of lead in all potentially contaminated environmental media (soil, dust, water, air, diet) at a specific location, and an estimate of the amount of these media taken in (by ingestion or inhalation) by a child living at that location. Given these inputs, the model calculates an estimate of the distribution of blood lead values that might occur in a population of children exposed to the specified conditions, including the value of P10.

4.4 Inputs to the IEUBK Model

For most IEUBK model exposure parameters, the default values recommended by current EPA guidance were used. Data from the site were used to estimate:

- The average concentration of lead in outdoor surface soil at each property
- The average concentration of lead in indoor dust at each property
- The average concentration of lead in air (site-wide)
- The average concentration of lead in drinking water (site-wide)
- The relative bioavailability (absorbability) of lead in soil and dust

These data were then used to calculate the value of P10 at each property inside the final focus area that has not already been remediated by USEPA.

4.5 Results

The results of the lead risk evaluation are presented in Table ES-1 and in Figure ES-4. Key points to note include the following:

- Of the 28,478 properties evaluated, a total of 19,445 homes (68%) are predicted to have P10 values at or below the health-based goal of 5%, and 9,033 properties (32%) have values that exceed the goal.
- Of these 9,033 properties, 3,177 have P10 values between 5% and 10%, 3,051 properties have P10 values between 10% and 20%, and 2,805 properties have P10 values greater than 20%.
- The locations of properties with P10 values greater than the health-based goal of 5% were widespread across the OLS final focus area and were found within all zip codes with the exception of 68117 (which only had 2 properties).

These results indicate that a number of homes or parcels within the final focus area have soil lead levels that are of potential health concern to children who may reside there, now or in the future.

4.6 Uncertainties in the Evaluation of Risk Associated with Exposure to Lead

It is important to recognize that the exposure and risk calculations for lead presented in this section are subject to uncertainty that arises from a number of different sources. This includes:

- Uncertainty in measured lead concentrations in soil
- Uncertainty in estimated lead concentrations in indoor dust
- Uncertainty in the estimate of lead absorption from soil and dust
- Uncertainty in the IEUBK model calculations and predictions

Because of these uncertainties, risk predictions for lead may not be highly accurate for every property, and risk managers and the public should take these uncertainties into account when interpreting the risk conclusions for lead at this site.

5.0 EVALUATION OF RISK ASSOCIATED WITH EXPOSURE TO NON-LEAD CONTAMINANTS

Although lead was the primary contaminant released to the environment from the historic operation of the smelters in the OLS, other metal and metalloid contaminants may also have been released. The purpose of this section is to provide an evaluation of the risks to area residents from these chemicals.

5.1 Exposure Assessment

The risk assessment focused on potential health risks to residents (both children and adults) from incidental ingestion of surface soil and indoor dust, as well as dermal contact with soil and indoor dust (when data permitted). Other pathways were judged to be sufficiently minor that quantitative evaluation was not warranted.

Exposure of residents (adults and children) to non-lead chemicals of potential concern in site soils and dusts was quantified on a property-by-property basis. Exposure was calculated in accord with standard equations recommended by USEPA. In brief, the amount of chemical ingested or absorbed per day from each medium was calculated from information on the concentration of the chemical in the medium and the amount of medium that is ingested or contacted. Because there are usually differences between individuals in the level of exposure due to differences in intake rates, body weights, exposure frequencies, and exposure durations, calculations were performed for individuals that are "average" or are otherwise near the central portion of the range, and on intakes that are near the upper end of the range (e.g., the 95th percentile). These two exposure estimates are referred to as Central Tendency Exposure (CTE) and Reasonable Maximum Exposure (RME), respectively. Values of CTE and RME parameters for soil and dust were in accord with standard default values recommended by USEPA for evaluation of residents. Because only limited data were available on the concentration of non-lead COPCs in residential yards, each yard was evaluated using the highest detected concentration of each chemical. This approach is expected to tend to overestimate actual exposure levels.

5.2 Toxicity Assessment

A toxicity assessment is usually divided into two parts: the first characterizes and quantifies the non-cancer effects of the chemical, while the second addresses the cancer effects of the chemical. This two-part approach is employed because there are typically major differences in the time-course of action and the shape of the dose-response curve for cancer and non-cancer effects.

Non-cancer effects of an ingested chemical are usually described in terms of a Reference Dose (RfD). An RfD is an estimate (with uncertainty spanning perhaps an order of magnitude) of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime.

For cancer effects of ingested chemicals, toxicity is usually expressed in terms of the Slope Factor (SF). At this site, arsenic is the only chemical of potential concern that is known to cause cancer effects when ingested.

Toxicity values (RfD and SF values) for each non-lead COPC evaluated in this assessment were selected from EPA's database of toxicity factors or other sources in accordance with USEPA

guidance. In the absence of site-specific data, the relative bioavailability (RBA) for all non-lead chemicals in all media was assumed to be 1.0. This is expected to be a conservative assumption, tending to overestimate the true degree of absorption and risk.

5.3 Risk Characterization

5.3.1 Basic Methods

Non-Cancer Effects

The potential for non-cancer effects is evaluated by comparing the estimated daily intake of the chemical over a specific time period with the RfD for that chemical derived for a similar exposure period. This comparison results in a non-cancer Hazard Quotient (HQ), as follows:

$$HQ = DI / RfD$$

where:

HQ = Hazard Quotient
DI = Daily Intake (mg/kg-day)
RfD = Reference Dose (mg/kg-day)

If the HQ for a chemical is equal to or less than one (1E+00), it is believed that there is no appreciable risk that non-cancer health effects will occur. If an HQ exceeds 1E+00, there is some possibility that non-cancer effects may occur, although an HQ above 1E+00 does not indicate an effect will definitely occur. This is because of the margin of safety inherent in the derivation of all RfD values. However, the larger the HQ value, the more likely it is that an adverse effect may occur.

If an individual is exposed to more than one chemical, a screening-level estimate of the total non-cancer risk is derived simply by summing the HQ values for that individual. This total is referred to as the Hazard Index (HI). If the HI value is less than 1E+00, non-cancer risks are not expected from any chemical, alone or in combination with others. If the screening level HI exceeds 1E+00, it may be appropriate to perform a follow-on evaluation in which HQ values are added only if they affect the same target tissue or organ system (e.g., the liver). This is because chemicals which do not cause toxicity in the same tissues are not likely to cause additive effects.

Cancer Effects

The excess risk of cancer from exposure to a chemical is described in terms of the probability that an exposed individual will develop cancer because of that exposure. For each chemical of

concern, this value is calculated from the daily intake of the chemical from the site, averaged over a lifetime (DI_L), and the slope factor (SF) for the chemical, as follows:

$$\text{Excess Cancer Risk} = 1 - \exp(-DI_L * SF)$$

Excess cancer risks are summed across all chemicals of concern and all exposure pathways that contribute to exposure of an individual in a given population.

The level of total cancer risk that is of concern is a matter of personal, community, and regulatory judgment. In general, the USEPA considers excess cancer risks that are below about 1 in one million (1E-06) to be so small as to be negligible, and risks above 1 in 10,000 (1E-04) to be sufficiently large that some sort of remediation is desirable. Excess cancer risks that range between 1E-04 and 1E-06 are generally considered to be acceptable, although this is evaluated on a case by case basis, and USEPA may determine that risks lower than 1E-04 are not sufficiently protective and warrant remedial action.

5.3.2 Results

Non-Cancer Risks

Table ES-2 shows the estimated non-cancer HQ values for residential CTE (Panel A) and RME (Panel B) scenarios, including both children (age 0-6 years) and adults (age 7-30 years). As shown, risks from most COPCs in surface soil are below a level of potential concern (HQ = 1) for both child and adult residents with CTE and RME scenarios. An exception is arsenic, which results in an HQ > 1 at about 10% of the properties. In addition, there are a small number of properties (< 1% of the total) where antimony, mercury and/or thallium yield HQ values above 1. Summation of non-cancer HQ values for chemicals that act on the same target tissue does not result in a substantial increase in non-cancer risk at most properties.

Cancer Risks

The only COPC at this site that is carcinogenic by the oral or dermal route is arsenic. Excess cancer risks were estimated at each property within the final focus area where data on arsenic concentrations in soil were available. Table ES-3 presents a summary of the estimated cancer risks to CTE residents and RME residents from arsenic in soil, including both the ingestion and dermal pathways. As seen, estimated cancer risks to CTE residents are within USEPA's target risk range (1E-06 to 1E-04) at all properties. Estimated risks to RME residents are also within USEPA's target risk range at most properties, although risks exceed 1E-04 at 141 locations (5% of the properties with data). The excess individual lifetime cancer risks at these 141 properties range from 2E-04 to 1E-03.

Summary of Risks from Non-Lead COPCs

Based on the evaluations described above, the frequency of properties with chemical-specific HQ values or organ-specific HI values above 1 is very low except for arsenic. At some properties, the concentrations of arsenic are sufficient that, if the soil is ingested by child and/or adult residents over a long period of time, the risk of both cancer and adverse non-cancer effects would be higher than normally considered acceptable by USEPA.

5.5 Uncertainties in Risk Estimates for Non-Lead Chemicals

Quantitative evaluation of the risks to humans from environmental contamination is frequently limited by uncertainty regarding a number of key data items, including the true mean concentration of contaminants at individual properties, the true level of human contact with contaminated media, the true extent of absorption of metals from ingested soil and dust, and the true relationship between exposure and response in humans. This uncertainty is usually addressed by making assumptions or estimates for uncertain parameters based on whatever limited data are available. In general, the assumptions are intentionally conservative, such that risk calculations based on the assumptions are more likely to overestimate than underestimate actual human exposure and risk. It is important for risk managers and the public to keep this in mind when interpreting the results of this risk assessment.

Figure ES-1 Site Location
Omaha, Nebraska

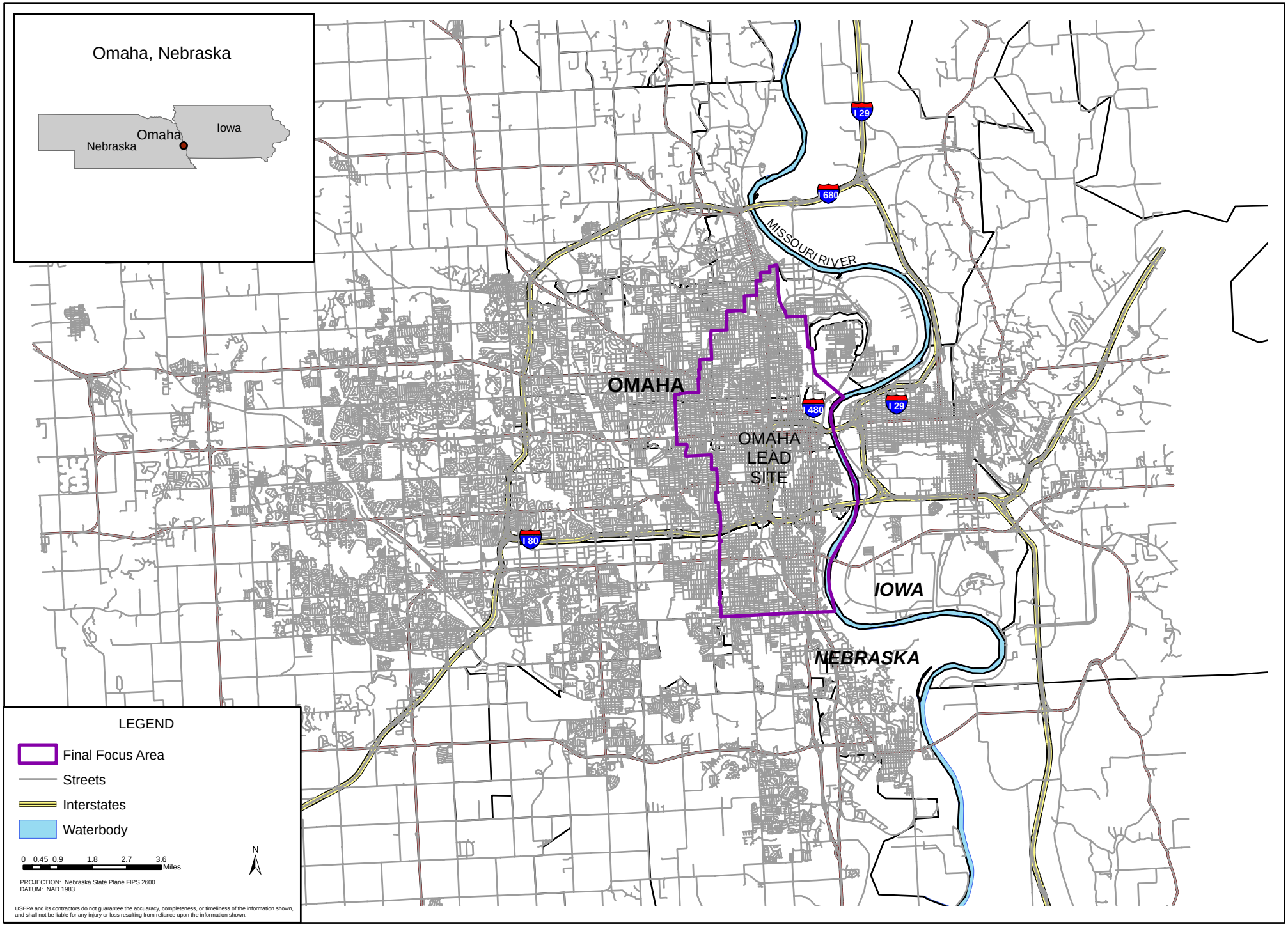

FIGURE ES-2 ELEVATED BLOOD LEAD LEVELS BY YEAR

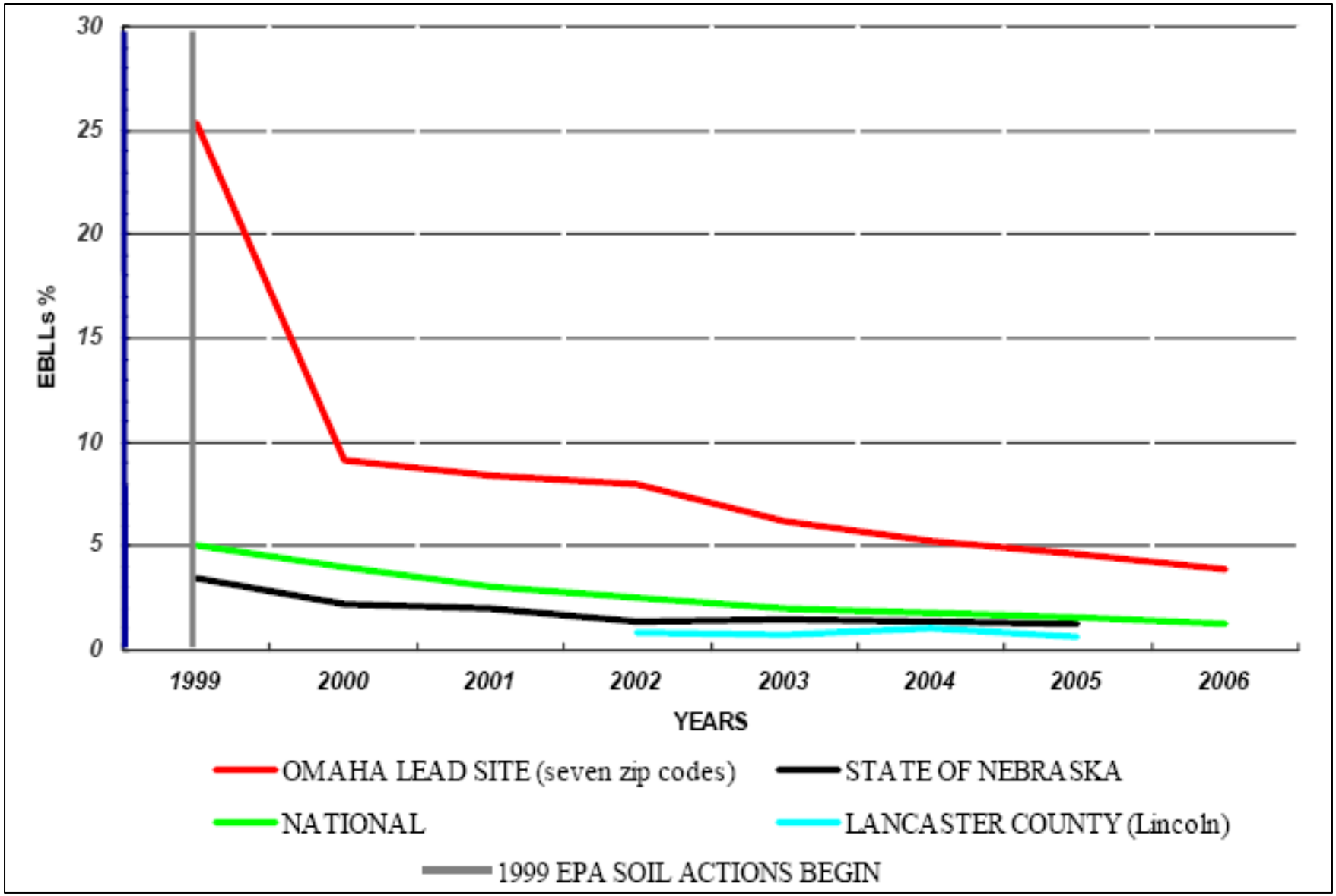

Figure ES-3. General Site Conceptual Model for Human Exposure at the Omaha Lead Site

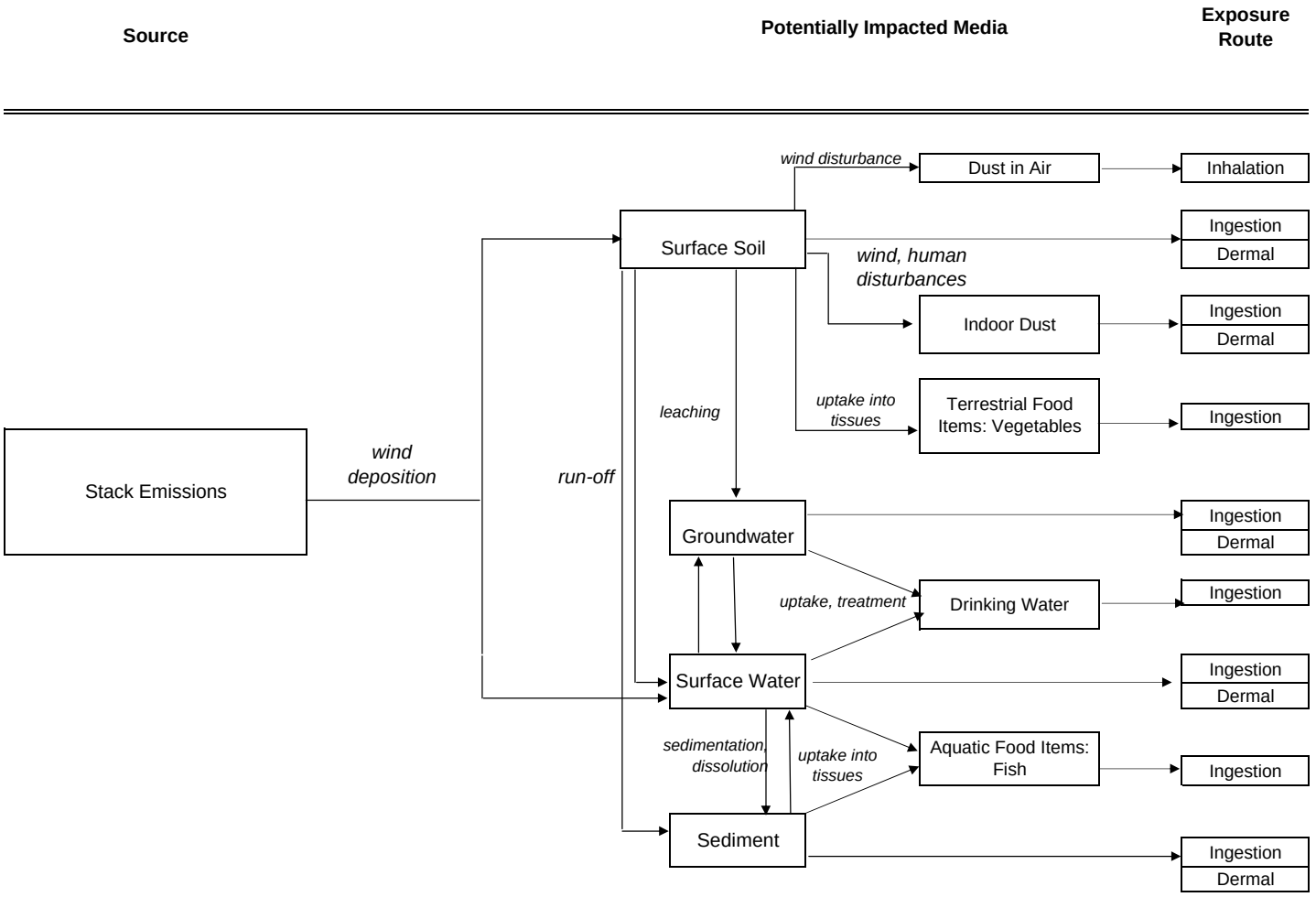

Figure ES-4. Percent of Properties in the Final Focus Area that Exceed EPA's Health Based Goal for Lead (P10>5%)

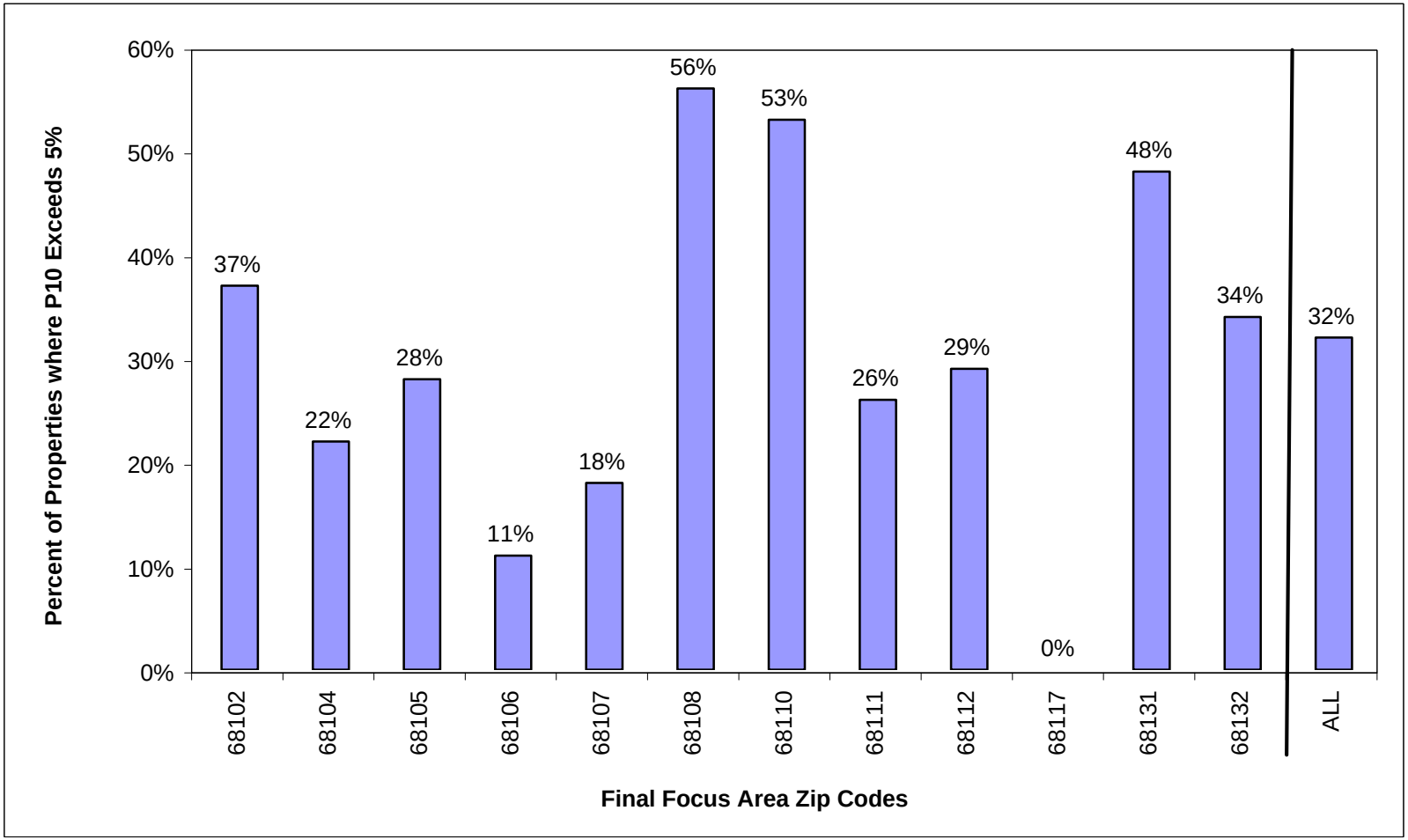

P10 = probability of having a blood lead level that exceeds 10 µg/dL

Table ES-1. Summary of Risks to Residents from Exposure to Lead in Surface Soil

ZIP CODE	NUMBER OF PROPERTIES EVALUATED	ESTIMATED NUMBER AND PERCENT OF PROPERTIES WITHIN THE SPECIFIED P10 RANGE					TOTAL NUMBER AND PERCENT OF PROPERTIES WHERE P10 EXCEEDS 5%
		≤ 5%	>5% to ≤10%	>10% to ≤20%	>20% to ≤50%	>50%	
68102	71	45	6	9	11	0	26
		63%	8%	13%	15%	0%	37%
68104	27	21	3	3	0	0	6
		78%	11%	11%	0%	0%	22%
68105	4,953	3,585	518	463	343	44	1,368
		72%	10%	9%	7%	1%	28%
68106	165	147	7	7	3	1	18
		89%	4%	4%	2%	1%	11%
68107	7,069	5,762	587	424	258	38	1,307
		82%	8%	6%	4%	1%	18%
68108	3,324	1,468	499	653	625	79	1,856
		44%	15%	20%	19%	2%	56%
68110	2,170	1,011	332	384	381	62	1,159
		47%	15%	18%	18%	3%	53%
68111	7,295	5,422	766	634	421	52	1,873
		74%	11%	9%	6%	1%	26%
68112	162	115	17	20	8	2	47
		71%	10%	12%	5%	1%	29%
68117	2	2	0	0	0	0	0
		100%	0%	0%	0%	0%	0%
68131	1,955	1,019	286	312	269	69	936
		52%	15%	16%	14%	4%	48%
68132	1,285	848	156	142	110	29	437
		66%	12%	11%	9%	2%	34%
ALL	28,478	19,445	3,177	3,051	2,429	376	9,033
		68%	11%	11%	9%	1%	32%

P10 = Probability of exceeding a blood lead value of 10 µg/dL (%).

Table ES-2. Chemical-Specific Non-Cancer HQ Values for Ingestion and Dermal Exposure to Surface Soil

Panel A. CTE Receptor

ANALYTE	TOTAL NUMBER OF PROPERTIES	NUMBER OF PROPERTIES WITHIN THE SPECIFIED RISK RANGE							
		Non-Cancer Hazard Quotient (HQ) for Ingestion and Dermal Exposure							
		Child				Adult			
		≤1	2 - 5	>5	Max	≤1	2 - 5	>5	Max
Aluminum	219	214	0	0	0.08	214	0	0	0.01
Antimony	2,843	2,843	0	0	0.9	2,843	0	0	0.09
Arsenic	3,046	2,970	71	5	8	3,046	0	0	0.8
Cadmium	3,046	3,046	0	0	0.06	3,046	0	0	0.01
Cobalt	214	214	0	0	0.2	214	0	0	0.02
Chromium III	3,046	3,046	0	0	0.001	3,046	0	0	0.0001
Chromium VI	3,046	3,046	0	0	0.08	3,046	0	0	0.01
Copper	214	214	0	0	0.1	214	0	0	0.02
Iron	214	214	0	0	0.3	214	0	0	0.03
Manganese	219	214	0	0	0.1	214	0	0	0.01
Mercury	2,832	2,830	1	1	6	2,832	0	0	0.6
Thallium	3,046	3,040	6	0	4	3,046	0	0	0.4
Vanadium	214	214	0	0	0.04	214	0	0	0.00
Zinc	27,737	27,737	0	0	0.1	27,737	0	0	0.01

Panel B. RME Receptor

ANALYTE	TOTAL NUMBER OF PROPERTIES	NUMBER OF PROPERTIES WITHIN THE SPECIFIED RISK RANGE							
		Non-Cancer Hazard Quotient (HQ) for Ingestion and Dermal Exposure							
		Child				Adult			
		≤1	2 - 5	>5	Max	≤1	2 - 5	>5	Max
Aluminum	219	214	0	0	0.2	214	0	0	0.03
Antimony	2,843	2,841	2	0	2.5	2,843	0	0	0.3
Arsenic	3,046	2,736	253	57	24	3,038	8	0	3
Cadmium	3,046	3,046	0	0	0.2	3,046	0	0	0.02
Cobalt	214	214	0	0	0.5	214	0	0	0.1
Chromium III	3,046	3,046	0	0	0.003	3,046	0	0	0.0003
Chromium VI	3,046	3,046	0	0	0.2	3,046	0	0	0.03
Copper	214	214	0	0	0.4	214	0	0	0.04
Iron	214	214	0	0	0.8	214	0	0	0.1
Manganese	219	214	0	0	0.3	214	0	0	0.04
Mercury	2,832	2,829	1	2	17	2,831	1	0	1.8
Thallium	3,046	3,029	16	1	11	3,046	0	0	1.1
Vanadium	214	214	0	0	0.1	214	0	0	0.01
Zinc	27,737	27,737	0	0	0.4	27,737	0	0	0.04

Table ES-3. Excess Cancer Risks from Ingestion and Dermal Exposure to Arsenic in Surface Soil

ZIP CODE	NUMBER OF PROPERTIES EVALUATED	ESTIMATED NUMBER AND PERCENT OF PROPERTIES WITHIN THE SPECIFIED RISK RANGE							
		Estimated Excess Cancer Risk from Ingestion and Dermal Exposure							
		CTE				RME			
		≤1E-06	>1E-06 to ≤1E-05	>1E-05 to ≤1E-04	>1E-04	≤1E-06	>1E-06 to ≤1E-05	>1E-05 to ≤1E-04	>1E-04
68102	6	1	5	0	0	0	1	5	0
		17%	83%	0%	0%	0%	17%	83%	0%
68104	7	1	5	1	0	0	1	5	1
		14%	71%	14%	0%	0%	14%	71%	14%
68105	466	49	373	44	0	1	51	372	42
		11%	80%	9%	0%	0%	11%	80%	9%
68106	33	6	22	5	0	0	6	23	4
		18%	67%	15%	0%	0%	18%	70%	12%
68107	800	94	674	32	0	0	105	664	31
		12%	84%	4%	0%	0%	13%	83%	4%
68108	276	15	257	4	0	0	15	257	4
		5%	93%	1%	0%	0%	5%	93%	1%
68110	259	15	241	3	0	0	16	240	3
		6%	93%	1%	0%	0%	6%	93%	1%
68111	800	69	697	34	0	0	79	690	31
		9%	87%	4%	0%	0%	10%	86%	4%
68112	6	0	5	1	0	0	0	5	1
		0%	83%	17%	0%	0%	0%	83%	17%
68131	172	19	145	8	0	0	24	140	8
		11%	84%	5%	0%	0%	14%	81%	5%
68132	221	15	188	18	0	1	20	184	16
		7%	85%	8%	0%	0%	9%	83%	7%
ALL	3046	284	2612	150	0	2	318	2585	141
		9%	86%	5%	0%	0%	10%	85%	5%

1.0 INTRODUCTION

1.1 Purpose

This document is the final baseline human heath risk assessment (BHHRA) for the Omaha Lead Site (OLS) located in Omaha, Nebraska (CERCLIS ID NESFN0703481). The purpose of this document is to assess the potential risks to humans, both now and in the future, from site-related contaminants present in environmental media, assuming that no steps are taken to remediate the environment or to reduce human contact with contaminated environmental media.

This final risk assessment is an extension and update of an interim risk assessment that was previously performed at the site (NHHSS 2004). This final risk assessment incorporates additional data that were not available at the time of the interim assessment.

The results of this final assessment are intended to help inform risk managers and the public about potential human risks attributable to site-related contaminants under current site conditions and to help determine where there is a need for action at the site. The overall management goal is to ensure protection of humans from deleterious effects of exposures to site-related contaminants for both current and future land uses.

The methods used to evaluate risk in this assessment are consistent with current United States Environmental Protection Agency (USEPA) guidelines for human health risk assessment (USEPA 1989a, 1991a, 1991b, 1992a, 1997a, 2001a, 2002a, 2002b, 2004a) provided by the USEPA for use at Superfund sites.

1.2 Organization

In addition to this introduction, this report is organized into the following sections:

Section 2 This section provides a description of the site and a review of data that are available to characterize the nature and extent of environmental contamination at the site.

Section 3 This section provides a Site Conceptual Model that summarizes how people may be exposed to site-related contaminants in the environment at the site, and identifies chemicals of potential concern (COPCs) in soil that warrant quantitative evaluation of exposure and risk.

Section 4 This section evaluates exposure and potential risk to residential children from lead in soil and dust.

Section 5 This section evaluates exposure and potential risk to area residents (adults and children) from non-lead chemicals of potential concern.

Section 6 This section provides full citations for USEPA guidance documents, site-related documents, and scientific publications referenced in the baseline risk assessment.

2.0 SITE CHARACTERIZATION

A detailed description of the site is provided in the Remedial Investigation (RI) report for the site (Black and Veatch 2009). A summary of information that is needed for the evaluation of human exposure and risk from lead and other site-related contaminants is provided below.

2.1 Site Location and Description

The OLS is located in Omaha, Nebraska. As shown in Figure 2-1, it encompasses the eastern portion of the greater metropolitan area, excluding Omaha's Central Business District (USEPA 2005a). It includes residential properties, child-care facilities, vacant lots, and other types of properties used by area residents (schools, churches, parks) that have been contaminated as a result of historic air emissions from lead smelting/refining operations. Figure 2-2 illustrates the levels of lead that have been observed in yard soils in residential properties at the site.

2.2 Focus Area Boundary

Under Superfund, one important objective of the RI is to characterize the nature and extent of site-related contamination. In performing an RI, the most common approach is to establish an initial focus area to guide initial sampling efforts, and then to expand this focus area as needed based on the results that are obtained.

For the OLS, the original boundary of the focus area was established at the time the site was added to the National Priorities List (NPL) by establishing a perimeter surrounding properties that had been determined at the time to have a soil lead concentration that exceeded 1,200 milligrams per kilogram (mg/kg) (USEPA 2005a). This area encompassed approximately 13.8 square miles.

As RI sampling continued, the focus area was expanded to include a total of about 20 square miles, bounded by Ames Avenue to the north, L Street to the south, 45th Street to the west, and the Missouri River to the east (USEPA 2005a). In 2004, the focus area was further expanded to include a portion of the area bounded by Redick Street to the north, Harrison Street to the south and 52nd Street to the west. This expanded focus area is shown by the grey area in Figure 2-3.

Most recently, the focus area has been expanded again to include additional areas to the west and north. The final focus area is shown in Figure 2-3 by the purple line. The final focus area is based on a geospatial analysis of lead in surface soil that is described in Appendix A. In brief, the approach is based on evaluating the density (frequency) of properties within a neighborhood (a circle with a radius of 500 meters) that have a mean soil lead concentration above 400 mg/kg (the default level of concern and soil screening level for residential properties). The density is expected to be highest near former smelters, and to decrease as a function of distance away from

the smelters. When the density decreases to 5% or less, the occurrence of properties above 400 mg/kg is expected to be infrequent, and the relative contribution of the smelter to the soil lead level is expected to be low. On this basis, the final focus area boundary is defined as a line that encloses properties located in neighborhoods where the density of properties with mean soil concentrations of 400 mg/kg or higher exceeds 5%.

Based on this approach, the final focus area encompasses all or part of the following 13 zip codes: 68102, 68104, 68105, 68106, 68107, 68108, 68110, 68111, 68112, 68117, 68131, 68132, 68198. It includes a total of 39,305 properties that are classified as residential or vacant (see Table 2-1).

2.3 Topography

The topography of the Omaha metropolitan area is characterized by a hilly upland in the western portion of the city and the Missouri River floodplain area to the east. The altitude at the OLS ranges from approximately 1,030 to 1,200 feet above mean sea level (Black and Veatch 2001).

2.4 Meteorology

Omaha has a climate that is continental in character, with contrasts in both temperature and precipitation. Seasons typically consist of severe winters, wet springs, and warm summers with moderate thunderstorm activity. The normal annual total precipitation in the area is approximately 28 to 30 inches, and the mean annual lake evaporation is 28 inches, resulting in a net precipitation of 0-2 inches (Black and Veatch 2009). The prevailing winds are from the south/southeast and from the north/northwest, along the river valley (see Figure 2-4).

2.5 Surface Water

The Missouri River is the predominant surface water feature near the OLS, located immediately east of the site. It supports recreational fishing and boating. The OLS is located outside of the 500 year floodplain of the Missouri River (Black and Veatch 2009).

Surface water runoff from the OLS flows easterly towards the Missouri River, and this is a potential pathway by which smelter-related contaminants deposited to soil could enter the river. Based on air transport modeling, the furthest north that site-related impacts to the Missouri River might be expected is about river mile 629 (Black and Veatch 2001). Direct surface water runoff from the Final Focus Area is expected to occur from Read Street (approximately river mile 624) to the Douglas County Line (approximately river mile 609).

2.6 Land Use

Current land use at the OLS consists of a mixture of residential, industrial, and commercial uses (Black and Veatch 2001). Future land use at the OLS is reasonably expected to remain approximately similar to current land use patterns, with a mixture of residential, industrial and commercial properties. However, land use at individual properties may change over time. That is, some residential properties could be converted to non-residential use in the future, and current non-residential properties located within the OLS could be converted into residential properties in the future, particularly into multi-unit dwellings (USEPA 2005a).

2.7 Drinking Water

Residences located within the OLS focus area receive their drinking water from the municipal water supply (USEPA 2005a). The Metropolitan Utilities District (MUD) provides drinking water to Omaha and Papillion, Nebraska, and Carter Lake, Iowa, from 52 municipal wells and one surface water intake. The 52 municipal wells are all located outside of a 4-mile radius of the OLS. The surface water intake is located north of the OLS at river mile 623, which is within the zone that might be influenced by runoff of contaminated surface water (see Section 2.5). Council Bluffs Waterworks (CBW) provides drinking water to Council Bluffs, Crescent and Underwood, Iowa, and operates 2 municipal wells and one surface water intake. The municipal wells and surface water inlet are located approximately 2-3 miles east-northeast of the site, approximately 2,000 feet downstream of river mile 619 (Black and Veatch 2001).

2.8 Basis for Concern

Two lead processing facilities conducted operations within the boundary of the OLS. The locations of these two facilities are shown in Figure 2-5.

The American Smelting and Refining Company, Inc. (ASARCO) operated a lead refinery for a period of more than 120 years (early 1870s to 1997) at 500 Douglas Street. This facility processed lead bullion containing gold, silver, antimony, and bismuth. The ASARCO facility was closed in 1997. The property is currently owned by the City of Omaha and has been reutilized for both commercial and public purposes (Black and Veatch 2009).

A secondary lead smelter and a lead battery recycling plant operated from the early 1950s until 1982 at 555 Farnam Street. Two different owners operated this facility: Aaron Ferer and Sons Co., and Gould Electronics, Inc. (Gould). Douglas County purchased the property in the early 1980s. The property has been remediated and developed into a county park (Black and Veatch 2009).

Historical smelting, refining, and recycling activities at these two former smelters resulted in the release of lead and other smelter-related metals into air in the form of particulate matter. These

particulates in the air were transported by wind and deposited onto soil in the vicinity of the site. Humans may be exposed to lead and other smelter-related metals in soil by a number of pathways, and adverse health effects may occur if concentrations and exposures are high enough.

One way to evaluate the level of human exposure to lead is to measure the concentration of lead in the blood, generally expressed in units of micrograms of lead per deciliter of blood (µg/dL). As discussed in greater detail in Section 4.1, concentration values above 10 µg/dL are generally considered to be elevated and of potential health concern. The Douglas County Health Department (DCHD) has been monitoring lead levels in the blood of children living in Douglas County for a number of years. Figure 2-6 shows the percentage of children with elevated blood lead levels (> 10 µg/dL) in the area of the site compared with State and national data. As shown, the frequency of elevated blood lead values in the area of the site has been consistently higher than elsewhere (USEPA 2005a). This indicates that children living in the area of the site are being exposed to lead in the environment at levels that exceed other locations, and which may be of potential health concern to some children.

2.9 Potential Sources

There are a number of potential sources of lead in the environment. This includes naturally-occurring lead in soil, lead released from anthropogenic sources such as leaded gasoline and leaded paint, as well as lead released from smelter emissions.

The USEPA conducted an apportionment investigation to determine the sources of lead contamination found in the soil of residential properties at the site. Soil samples were collected from the former ASARCO refinery property, the former Gould property and residential properties. These soil samples were examined using an electron microprobe to characterize the chemical form of the lead that was present and to compare the types of lead found in soil samples at the smelter areas to that found in residential properties. More than 90 percent of the community soils studied contained lead in a form that was characterized as pyrometallurgical (i.e., smelter-related) (Black and Veatch 2009). Based on this, the study concluded that the ASARCO and Gould facilities are significant sources of the lead at the OLS (USEPA 2005a).

2.10 Response Actions to Date

Time-Critical Removal Action

USEPA initiated two time-critical removal actions at the OLS site (USEPA 1999, 2001b, 2002c, 2003a) to eliminate or reduce ingestion exposure to lead in soil. In 2004, the two removal actions were combined into a single response action that encompassed residential properties with soil lead concentrations equal to or greater than 1,200 mg/kg and properties (childcare facilities or residential properties) where there were one or more children with elevated blood lead levels

(above10 µg/dL) and with soil lead concentrations greater than 400 mg/kg (Black and Veatch 2009, USEPA 2005a).

Remedial Action

An Interim Record of Decision (ROD) was signed in 2004 (USEPA 2005a) that included the following remedial actions to address site risks:

- Excavation and removal of lead-contaminated soils at properties with the greatest human health risk. These generally include:
  - A residential property where at least one non-foundation sample exceeds 800 mg/kg for lead.
  - Residences where a child with an elevated blood lead level (>10 µg/dL) resides and with any non-foundation sample exceeding 400 mg/kg lead.
  - Child-care facilities and other high-child impact areas with any non-foundation sample exceeding 400 mg/kg lead.
- Stabilization of loose and flaking exterior lead-based paint, in cases where it threatens the protectiveness of the soil remedy implemented at a property.
- High-efficiency interior cleaning at properties where soil cleanup actions are conducted and lead in interior dust exceeds Housing and Urban Development (HUD) standards.
- Participation in a comprehensive program with other public and private entities to characterize and address all potential lead sources.
- Health education for the Omaha community and medical professionals to support public awareness, exposure prevention programs, in-home assessments, blood-lead screening programs and diagnosis, treatment, and surveillance programs.

As of September 2008, a total of 36,000 properties (residential, commercial, other, etc.) have been investigated, and USEPA has remediated 4,100 properties.

2.11 Site Investigations

Several investigations have collected data on the levels of environmental contamination at the OLS. The available data are summarized in Tables 2-2 through 2-3 and are briefly described below.

2.11.1 Surface Soil

Table 2-2 presents a summary of three soil investigations conducted at or in the vicinity of the OLS. Each investigation is summarized in the following sections. Electronic data are provided in Appendix B and summary statistics are provided in Tables 2-4 and 2-5.

Preliminary Assessment/Site Inspection

A Preliminary Assessment/Site Investigation (PA/SI) was conducted from 1998 to April 2001 to support removal action and remedial action at the Omaha Lead Site (Black and Veatch 2001). Soil samples were collected from childcare facilities and from properties where children with elevated blood lead levels resided in order to evaluate the properties for potential removal action. Soil samples were also collected from other residential properties to identify the extent of lead contamination from the industrial emission sources in downtown Omaha. These samples were collected along four sampling corridors that extended from downtown Omaha to the north, south, east and west. Along a sampling corridor, surface soil samples were collected from approximately eight properties, every tenth of a mile until the soil lead concentrations were consistently found to be below 400 mg/kg. Additionally, grab samples of subsurface soil were collected at every other property within the sampling corridor. Sample depths were 0-8 inches below ground surface (bgs), 8-16 inches bgs, and 16-24 inches bgs (Black and Veatch 2001).

At all properties, a minimum of five surface soil samples were collected: four from the yard and one from the drip zone (within 3 feet of the house foundation). Surface soil samples consisted of five-point composite samples of the top one inch of soil (0-1" bgs). Yard sample locations were generally determined by dividing the property into four quadrants of approximately equal areas and collecting one composite sample from each quadrant (Black and Veatch 2001). Surface and subsurface soil samples were homogenized and sieved with a number 10 (2 mm) mesh sieve prior to analysis. All samples were analyzed using X-Ray Fluorescence (XRF) and approximately 10% of all field samples were analyzed for the 23 metals on the Target Analyte List (TAL) using Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) and Cold Vapor Atomic Absorption (CVAA) for mercury (Black and Veatch 2001).

Background Summary Report

In November of 1999, a total of thirty soil samples were collected approximately 8 miles north of the former ASARCO facility to determine background concentrations of metals. The samples consisted of 23 surface soil (0-1" bgs) samples and 7 subsurface soil samples (0-8", 8-16" and 16-24" bgs). Surface soil samples consisted of 5-point composite samples, whereas subsurface samples were collected as grab samples. Soil samples were homogenized and sieved through a number 10 mesh sieve (2 mm). The samples were analyzed by XRF for 15 of the 23 TAL Metals (arsenic, lead, zinc, silver, barium, cadmium, cobalt, chromium, copper, iron, mercury, nickel, manganese, antimony, and selenium) as well as 7 additional analytes (molybdenum, rubidium, tin, strontium, titanium, uranium, and zirconium). Twenty-nine of the soil samples were also analyzed for 23 metals by ICP-AES (the 23 TAL Metals (except for mercury) and bismuth) (Jacob 2000).

Remedial Investigation/Feasibility Study

From May 2001 to May 2008, USEPA collected surface soil samples to support site characterization, remedial investigation and risk assessment activities. At residential properties, the yard was divided into 4 quadrants of approximately equal size. At most properties this consisted of 2 quadrants in the front yard and 2 quadrants in the backyard. A 5-point composite surface soil (0-1 inches in depth) sample was collected from each quadrant. Surface soil samples were also collected from play areas, gardens, and the drip zone around each residence (the area within 6-30 inches of the foundation of a residence) in the same manner. Surface soil samples were homogenized and sieved prior to analysis. Surface soil samples collected from March 1999 to May 2000 were sieved through a number 60 mesh sieve (250 µm), whereas surface soil samples collected thereafter were sieved through a number 10 mesh sieve (2 mm) (Black and Veatch 2009).

All surface soil samples were analyzed by XRF and approximately 5% of all field samples were analyzed for the 23 TAL Metals using ICP-AES and CVAA for mercury (Black and Veatch 2009).

2.11.2 Paired Indoor Dust-Outdoor Soil Samples

Two investigations have collected paired outdoor soil-indoor dust samples at the site. Each data set is briefly described below and summarized in Table 2-3. Electronic data are provided in Appendix B.

2003-2004 Remedial Investigation

During 2003-2004, paired outdoor soil and indoor dust samples were collected from 159 homes located within the OLS. These homes were selected by dividing the site into four-acre parcels, each of which was assigned a random number. Starting with number 1, the parcels were selected in order for collection of data. Within each parcel, only properties that had not already had soil samples collected were included in the property lists eligible for sampling (approximately 6,000 of the 40,000 residential properties located within the site). The homes within the selected parcels were randomly ordered. The field teams used this order to contact the property owners for permission to collect indoor dust samples. Permission to sample was granted at only 330 properties in spite of extensive efforts by access personnel. From the 330 properties, only 159 allowed the collection of indoor dust samples (Black and Veatch 2009).

At each of these 159 properties, several yard soil and indoor dust samples were collected. For yard soil, one five-point composite of surface soil (0-1" bgs) was collected in each quadrant of the yard. All soil samples were sieved using a number 10 mesh screen (2 mm) and analyzed by XRF and by ICP-AES. For indoor dust, samples were collected from three locations in the house, including: (1) entryway, (2) windowsill, and (3) floor. Samples were collected in

accordance with the Field Sampling Plan (Black and Veatch 2009) using a High Volume Small Surface Sampler (HVS3) vacuum. Dust samples were sieved using a number 100 sieve (150 µm) and analyzed for lead (only) using ICP.

2007 Supplemental Data Collection Activities

In the fall of 2007, paired outdoor soil-indoor dust samples were collected from 98 properties in accordance with the Field Sampling Plan (Black and Veatch 2007) to address some of the limitations identified in the existing outdoor soil-indoor dust dataset (see Black and Veatch 2007 for details). The properties for sampling were selected based on the concentration of lead in yard soil measured in previous investigations, seeking to ensure that a wide range of concentration levels were included. Collecting samples from a range of lead concentrations increases the confidence of the best fit line through the data that defines the outdoor soil to indoor dust relationship. In addition, an effort was made to sample properties at which children currently reside.

For soil, one 20-point composite sample of surface soil (0-1 inches bgs) was collected from each participating property. The composite sample was collected by dividing up the property into 4 quadrants and collecting five grab samples from each quadrant (e.g., from the four corners away from drip zones and the center of each quadrant). The composite soil sample was sieved in the field, using a number 60 mesh screen to isolate the soil particles in the fine fraction (< 250 µm). The fine fraction of the soil samples were submitted to the USEPA Region 7 laboratory for analysis of the 23 TAL Metals using SW846 6010 and SW 846 7471 (mercury). Three additional analytes were added to the analytical suite: silicon, titanium and zirconium. These chemicals are thought to be good indicator chemicals for deriving an outdoor soil to indoor dust relationship because they are present in both media and are not thought to have significant alternative indoor sources (Black and Veatch 2007).

For indoor dust, one composite sample was collected from each participating property. The composite consisted of sub-samples from 3 locations in the home including: (1) entryway; (2) living area; and (3) bedroom. Samples were collected in accordance with the Field Sampling Plan (Black and Veatch 2007) using an HVS3 vacuum. The composite dust samples were sieved in the field using a number 60 mesh screen to isolate the dust particles in the fine fraction (250 µm). The fine fraction dust samples were submitted to the EPA Region 7 laboratory for analysis of the 23 TAL Metals and silicon, titanium, and zirconium by Method SW846 6010 and SW846 7471 (mercury) (Black and Veatch 2007). Summary statistics for indoor dust samples collected in 2007 are presented in Table 2-6.

2.11.3 Tap Water

In December 2007, a total of 154 tap water samples were collected from 77 residences to support the final human health risk assessment. A total of two tap water samples were collected at each

home: a "first-flush" sample and a "post-flush" sample. The first-flush sample represents a water sample that is collected first thing in the morning, before any household use of water (e.g., running the shower, flushing the toilet, running the sink). The post-flush sample represents a water sample that is collected after allowing the tap to run for approximately 5 minutes. Both samples were collected from the kitchen sink in accordance with the Field Sampling Plan (Black and Veatch 2007) using 1 liter, high density polyethylene sample bottles. Both the first-flush and post-flush samples were collected by residents. Field personnel added 1 milliliter of nitric acid to the sample containers to preserve the samples. Water samples were analyzed for lead by the USEPA Region 7 laboratory in Kansas City, KS, using EPA Method 200.8 (Black and Veatch 2007). These data are provided electronically in Appendix B and are summarized in Table 2-7.

2.11.4 Ambient Air

Concentrations of lead in ambient air were obtained from USEPA's Air Quality System (AQS) database (USEPA 2008b). This database contains ambient air monitoring results for contaminants that are considered hazardous air pollutants or criteria air pollutants by the Clean Air Act, including lead. The database contains annual summaries of the data for the current year and ten previous years. As shown in Figure 2-7, 11 of the 14 monitoring stations in Douglas County are located within the Omaha Lead Site. Table 2-8 presents details on the location of each station and the time period(s) when lead measurements were collected at each station. Table 2-9 presents the mean concentration of lead measured from 1997 (the year ASARCO ceased operations) to 2002 (the most current data available).

2.12 Data Useability Assessment

In accord with guidelines for assessing data quality (USEPA 1989a, 1992b), the available data were reviewed to determine if they were appropriate for use in the risk assessment. The following sections describe the data useability findings.

2.12.1 Review Against Data Useability Criteria

The soil, dust, and tap water data were reviewed in accord with USEPA's (1992b) Guidance for Data Useability in Risk Assessment. Detailed data useability worksheets are presented in Appendix H. The results of the review are briefly presented below:

- Data Sources: the sampling and analytical methods used in the PA/SI and RI are comparable and appropriate to combine across data sets, with the exception of the indoor dust. For indoor dust, different sieve sizes were used to prepare samples collected in 2003-2004 (Number 100 mesh screen, 150 µm) and 2007 (Number 50 mesh screen (250 µm). Thus, these datasets should not be combined together for use in the risk assessment.

- Documentation: field documentation was appropriate, and no deviations from the Sampling and Analysis Plan (SAP) were reported.
- Analytical Methods and Detection Limits: the analytical methods used to quantify metals in soil, dust and tap water are appropriate for use in risk assessment. The detection limits were found to be adequate for all chemicals, in all media, with the exception of thallium in soil[1].
- Data Quality Indicators: Data quality indicators (completeness, comparability, representativeness, precision and accuracy) were met for soil, dust, and tap water.
- Data Review: Laboratory data were reviewed by the USEPA Region 7 Laboratory. XRF data were reviewed by the field contractor. Data were qualified accordingly.
- Reports to Risk Assessor: All USEPA (1992b) recommended data and documentation were made available for use in the preparation of this risk assessment.

Based on this evaluation, USEPA's data useability criteria have been satisfied for surface soil, indoor dust, and tap water data collected at the site.

Detailed data quality information was not readily available for the ambient air data collected at the air monitoring stations in Douglas County. However, most data of this type are collected and reported in accord with the monitoring requirements specified in the National Ambient Air Quality Standard for Lead (40 CFR 50, 53 and 58), and the database indicates that all data considered for use in this risk assessment were collected in accord with an approved quality assurance project plan. Based on this, all of the ambient air data for lead collected within the OLS were considered appropriate for use in this risk assessment.

2.12.2 XRF vs. ICP

As described above, the concentrations of lead and other metals in soil have been analyzed by two different methods (XRF and ICP). In some cases, XRF data may be less accurate than ICP data due mainly to interferences between different chemicals and because of effects of the soil matrix. Thus, whenever ICP data were available at a sampling location, these data were preferred over XRF data from the same sampling location, and only the ICP data were included in the risk assessment. If only XRF data were available for a sampling location, then the XRF results were included if they were determined to be adequate for use in risk assessment.

The adequacy of XRF data were determined by conducting a Data Quality Assessment (DQA) of XRF data sets. This assessment is presented in Appendix C. In brief, the first step was to evaluate the XRF detection limit of the analyte in soil. If the XRF detection frequency was high (>80%), the detection limit was considered adequate. If the detection frequency was < 80%, the XRF detection limit was compared to the level needed for risk assessment purposes. If the detection limit was below the level needed for risk assessment purposes, the detection limit was

[1] The detection limit for thallium in soil was about 7 mg/kg, which is slightly higher than the risk-based concentration of 5 mg/kg.

considered adequate. If the detection limit (evaluated as described above) was not adequate, the data were deemed to be inappropriate for risk assessment purposes. If the detection limit was adequate, then the strength of the correlation between paired XRF and ICP results was evaluated. If the strength of the correlation was good ($R^2 > 0.7$), the data were considered to be adequate for use in risk assessment. Otherwise, the XRF data were not considered to be adequate. Based on the DQA in Appendix C, only the XRF data for lead and zinc were determined to be adequate for use in the risk assessment. Consequently, XRF data for other metals were not used.

For lead and zinc, all XRF data were adjusted to estimate the ICP-equivalent concentrations, using the chemical-specific parameters from the ICP/XRF regressions (see Appendix C for details):

$$[\text{ICP-equivalent concentration}] = a_i + b_i * [\text{XRF concentration}]$$

where:

a_i = intercept from the ICP/XRF regression line for chemical "i"
b_i = slope from the ICP/XRF regression line for chemical "i"

2.12.3 Current *vs.* Historic Site Conditions

As mentioned above, USEPA has remediated yard soil at a number of residences in the OLS that meet the response action criteria described in the interim ROD (see Section 2.10). Properties that have already been remediated by USEPA were not evaluated in this risk assessment.

2.12.4 Data Qualifiers

Data qualifiers assigned by the laboratory were reviewed in order to determine if individual measurements were reliable and appropriate for use. All data points were considered appropriate for use in the risk assessment except for soil samples that were qualified by the laboratory as "R" (rejected for not meeting quality control requirements), "0" (no results reported), or "N/A-I" (no results reported).

3.0 SITE CONCEPTUAL MODEL

3.1 Scope of the Baseline Risk Assessment

This risk assessment evaluates the potential risks to residents at current residential properties (including child-care facilities) and at properties that could be converted to residential land use in the future (vacant lots). Properties that are currently commercial, schools, parks, or churches were not evaluated by this risk assessment.

3.2 Exposure Media and Pathways of Potential Concern

Figure 3-1 presents a conceptual model of how smelter-related contaminants that have been released to the environment at the OLS might result in exposure of residents, including both children and adults. The environmental medium of chief concern is surface soil that has been impacted by the wet or dry deposition of metal-containing airborne particulates released from the smelters. Residents might be exposed to smelter-related contaminants in site soils by a number of different pathways, including ingestion, inhalation, and dermal contact with contaminated soil or dust, and ingestion of home-grown produce that may have taken up contaminants from the soil. In addition, contaminated soil might be carried to the Missouri River by surface water runoff, potentially leading to contamination of surface water, sediment, fish, and drinking water. However, not all of these are likely to be of equal concern for all contaminants. Section 4.1 describes the exposure pathways that are of chief concern for lead, and Section 5.1 describes the exposure pathways that are of chief concern for other (non-lead) contaminants.

3.3 Selection of Chemicals of Potential Concern

Chemicals of Potential Concern (COPCs) are chemicals which exist in the environment at concentrations that might be of potential health concern to humans and which are or might be derived, at least in part, from site-related sources.

The chief COPC at this site is lead. The procedure used to identify other (non-lead) COPCs for the evaluation of risks to residents is shown in Figure 3-2. Chemicals that are not likely to contribute significant risks to humans are eliminated, while chemicals that might be of potential concern are retained for either quantitative or qualitative evaluation, depending on the availability of data. It is important to note that this COPC selection procedure is intended to be conservative. Thus, it is expected that some chemicals will be identified as COPCs that are actually of little or no concern, but that no chemicals of authentic concern will be overlooked.

The steps in the COPC selection process are described below.

Step 1: Eliminate chemicals for which no toxicity values are available

If a chemical does not have a toxicity value, it is generally not possible to evaluate whether site-related exposure is of potential health concern or not. Therefore, all chemicals that were detected at the site and which had no appropriate toxicity value were identified as a source of uncertainty, unless the chemical is a beneficial nutrient (e.g., calcium, magnesium, potassium and sodium).

Step 2: Eliminate chemicals never detected

In this risk assessment, chemicals that were analyzed for but never detected were excluded from quantitative evaluation. However, if the analytical detection limit exceeded a level of health concern for a chemical that was never detected, that chemical was identified as a source of uncertainty.

Step 3: Eliminate chemicals detected, but whose maximum value is below a level of concern

If a chemical is detected at least once, but the maximum detected concentration is below a level of health concern, that chemical may be eliminated from further consideration. The level of health concern used in this evaluation is based on Regional Screening Levels for residential exposure to soil (USEPA 2008c). With the exception of lead, which is assessed differently, the target risk levels were set to a non-cancer hazard quotient (HQ) equal to 0.1 and an excess cancer risk equal to 1E-06 (1 in 1,000,000) for residential exposure.

Appendix E presents detailed results of the COPC selection process. Table 3-1 lists the COPCs identified for quantitative evaluation.

4.0 EVALUATION OF RISK FROM LEAD

Lead is the contaminant of primary human health concern at the OLS. This section describes the toxicity of lead and the approach that the USEPA uses to evaluate risk to humans from exposure to lead, and applies that method to characterize the level of risk that would exist if no further action is taken to reduce human exposure to lead at the site.

4.1 Exposure Assessment

4.1.1 Population of Chief Concern

For residential land use, young children (age 0-84 months) are the sub-population of chief concern for exposure to lead. This is because young children (1) tend to have more hand-to-mouth behavior which leads to higher intakes (expressed in terms of mg/kg-day) of lead-contaminated environmental media such as soil, dust, and paint, (2) tend to absorb ingested lead more readily than adults, and (3) are more sensitive to the toxic effects of lead than are older children or adults. If the risk associated with environmental exposure to lead in a residential area is found to be below a level of concern for young children, then the risk for older children and adults, including pregnant women, would also be below a level of concern.

4.1.2 Exposure Pathways of Chief Concern

A generalized site conceptual model (SCM) for exposure of residents to smelter-related contaminants was presented previously in Figure 3-1. The detailed SCM for exposure of residents to lead is presented in Figure 4-1. The following sections describe which of these pathways are likely to be potentially significant for residents (children) and that have been included in the quantitative evaluation of the total exposure to lead in the risk assessment.

Ingestion of Lead in Soil or Dust

Although few children intentionally ingest large amounts of soil, many children ingest small quantities as a consequence of normal hand-to-mouth activities while playing outside. In addition, soil may be tracked into indoor living spaces where it becomes mixed into indoor dust, which may also be ingested as a result of indoor hand-to-mouth activities. Because these exposure pathways are often among the most important sources of lead exposure in children, both are evaluated quantitatively in this risk assessment.

Note that lead in soil and dust may arise from a number of different sources, including not only deposition from historic smelter emissions but also releases from indoor and outdoor lead-based paint, historic releases from vehicles using leaded gasoline, and others. In accord with EPA guidance (USEPA 2003c), the risk assessment is based on the total level of lead in soil and dust.

Inhalation of Lead in Suspended Soil Particulates

Release of soil particles into air can occur from wind or other disturbances (e.g., digging in soil), and children can be exposed to lead in the soil particles by breathing the air. Although lead exposure by this pathway is usually small compared to the ingestion pathway, it is evaluated quantitatively in this risk assessment.

Dermal Contact with Lead in Soil and Dust

Dermal contact with soil or dust may also occur, but dermal absorption of lead from soil or dust is generally considered to be a minor pathway compared to exposure from ingestion pathways. Consequently, these pathways are not evaluated quantitatively in this risk assessment.

Ingestion of Lead in Drinking Water

Lead may occur in drinking water either because the source water is contaminated, or because lead enters the water from pipes or plumbing fixtures. This pathway may be significant in some cases, and is evaluated quantitatively in this risk assessment.

Ingestion of Lead in Home-Grown Vegetables

At locations where a resident maintains a home garden, exposure to lead may occur via ingestion of home-grown garden vegetables. However, uptake of lead from soil into plants is usually not extensive, and ingestion from this source is not evaluated quantitatively in this risk assessment.

Ingestion of Lead in Purchased Food

Lead is present in low levels in many types of food purchased from stores, and exposure by this pathway is evaluated quantitatively in this risk assessment.

Ingestion of Lead in Surface Water and Sediment

Exposures of children to lead in surface water or sediment along the Missouri River (e.g., during recreational visits to the river) are likely to be much smaller than exposures at the residence, and these pathways are not evaluated quantitatively in this risk assessment.

Ingestion of Lead in Paint Chips

When lead-based paint is in poor condition (i.e., peeling and chipping), a child can directly ingest flakes or chips of the paint. In accord with EPA recommendations (USEPA 1994a), this exposure pathway is not evaluated in this assessment because data on the amount of paint chips

ingested are not available and the amount is highly uncertain. However, direct ingestion of lead-based paint chips is generally recognized as being a serious health threat.

4.2 Toxicity Assessment

Excess exposure to lead can result in a wide variety of adverse effects in children. The following sections summarize the most characteristic and significant of the adverse effects of lead on children, and highlights current guidelines for protecting children from exposure to lead.

Neurological Effects

The effect of lead that is usually considered to be of greatest concern in children is impairment of the nervous system. Many studies have shown that animals and humans are most sensitive to the effects of lead during the time of nervous system development, and because of this, the fetus, infants and young children (0-6 years of age) are particularly vulnerable. The effects of chronic low-level exposure on the nervous system are subtle, and normally cannot be detected in individuals, but only in studies of groups of children. Common measurement endpoints include various types of tests of intelligence, attention span, hand-eye coordination, etc. The overall weight of the available evidence provides clear evidence of neurocognitive effects in young children occurring at blood lead levels in the range of 5-10 µg/dL, and possibly lower (USEPA 2006). Such effects on the nervous system are long-lasting and may be permanent.

Effects on Heme Synthesis

A characteristic effect of chronic lead exposure is anemia stemming from lead-induced inhibition of the synthesis of heme (the oxygen-binding component of hemoglobin) and a decrease in red blood cell life span. Lead interferes with heme synthesis by inhibiting the enzymes ALA-D and ferrochelatase (USEPA 2007a). Decreases in ALA-D activity can be detected at blood lead levels below 10 µg/dL in children and adults (ACGIH 1995, USEPA 2006). At concentrations of 20-30 µg/dL, ferrochelatase is also inhibited (USEPA 2006). Heme synthesis is inhibited not only in red blood cells but in other tissues. Several key enzymes that contain heme, including those needed to form vitamin D, also show decreased activity following lead exposure (USEPA 1986). The Centers for Disease Control (CDC) (1991) reviewed studies on the synthesis of an active metabolite of vitamin D and found that impairment was detectable at blood lead levels of 10-15 µg/dL.

Cardiovascular Effects

Both human and animal studies support the conclusion that lead exposure increases the risk of cardiovascular effects, including increased blood pressure, increased incidence of hypertension, cardiovascular morbidity, and mortality (USEPA 2006). Epidemiological studies reported an association of increased systolic blood pressure and decreased diastolic pressure with increased

blood lead levels, including levels below 10 µg/dL (USEPA 2006, 2007a). This finding is supported by studies in animals that demonstrate blood lead levels of 20-30 µg/dL for long periods result in hypertension, with one study reporting blood pressure increases in animals at blood lead levels as low as 2 µg/dL (USEPA 2006, 2007a).

Renal Effects

In adults, reduced renal function (measured by decreased renal clearance of creatinine) has been observed in adults at blood lead levels below 10 µg/dL. Low levels of lead can also act as a co-factor with other risk factors to increase the risk for renal dysfunction, increasing the susceptibility of sensitive populations such as those with diabetes, hypertension and chronic renal insufficiency for adverse renal effects (USPEA 2006). Individuals with chronic, high level exposure to lead (40-100 µg/dL), such as occupationally exposed adults, have an increased risk for lead nephropathy which can result in small, fibrotic kidneys and ultimately kidney failure (USEPA 1986, 2006). The renal effects of lead exposure in children are difficult to access, as most studies only measured early biological effect markers which have unknown clinical significance (USEPA 2006).

Immune System Effects

The main immune system targets of lead are macrophages and T lymphocytes, leading to a potential for increased tissue inflammation, reduced cell-mediated immunity, and increased risk of autoimmunity (USEPA 2006 and 2007a). Additionally, studies of lead exposure in both animals and humans have found an association between increased production of IgE (an immunoglobulin involved in allergic responses and asthma) and blood lead concentrations. In children, significant associations between serum IgE levels and increasing blood lead levels were observed at blood lead levels of less than 10 µg/dL (USEPA 2006 and 2007a). In animals, neonatal exposure to lead resulting in blood lead levels less than 10 µg/dL was found to produce persistent later-life immunotoxicity (USEPA 2006).

Cancer

Studies in animals indicate that chronic oral exposure to very high doses of lead salts may cause an increased frequency of tumors of the kidney (USEPA 1989b, ACGIH 1995). In humans, evidence of lead carcinogenicity is limited (USEPA 2006). Based on the available data, lead has been classified as a probable human carcinogen by the International Agency for Research on Cancer (IARC) (IARC 2005), and is reasonably anticipated to be a human carcinogen by the National Toxicology Program (NTP) (NTP 2003, 2004). USEPA classifies lead as a probable human carcinogen (USEPA 2008d). Nevertheless, the non-carcinogenic effects on the nervous system are usually considered to be the most important and sensitive endpoints of lead toxicity (USEPA 1986, 2006, 2007a).

Current Guidelines for Protecting Children from Lead

It is currently difficult to identify what degree of lead exposure, if any, can be considered safe for infants and children. As discussed above, some studies report lead-induced effects in children and adults beginning at around 5-10 µg/dL or even lower. Of special concern is the fact that many researchers have concluded the effects of lead on neurobehavioral performance, heme synthesis, the immune system, and fetal development may not have a threshold value, and that the effects are long-lasting (USEPA 1986, 2006).

After a thorough review of all the data, the USEPA currently identifies 10 µg/dL as the concentration level at which effects begin to occur that warrant avoidance. Likewise, the CDC has established a guideline of 10 µg/dL in preschool children which is believed to prevent or minimize lead-associated cognitive deficits (CDC 1991, 2005). For convenience, the probability that an observed blood lead value will exceed 10 µg/dL is referred to as P10. The USEPA has established a health-based goal that there should be no more than a 5% chance that a child will have a blood lead value above 10 µg/dL (USEPA 1994b,1998a). That is, the health-based goal is to ensure that P10 does not exceed 5%.

It is important to note that USEPA seeks to apply this goal at the level of individual properties, rather than at the level of a community. To understand the distinction, consider a community of 1,000 properties. Assume that 960 of these properties have a P10 value of 2%, while 40 of the properties have a P10 value of 20%. When studied at the community level, the expected value of P10 would be about 2.7%, suggesting that lead exposures do not exceed USEPA's health-based goal. However, lead exposures substantially exceed the health-based goal at the 40 properties with P10 = 20%. By achieving the P10 goal at every property, the community-level frequency of elevated blood lead values will automatically achieve the health-based goal.

4.3 Overview of the IEUBK Model

The USEPA has developed a standard approach for evaluating the risks of lead exposure in residential children (USEPA 1994a, 2001c). This approach employs a set of mathematical equations and calculations to predict the likely distribution of blood lead values in a population of children exposed to a specified set of environmental lead levels. This model is referred to as the Integrated Exposure Uptake Biokinetic (IEUBK) model. This model requires, as input, data on the levels of lead in all potentially contaminated environmental media (soil, dust, water, air, diet) at a specific location, and on the amount of these media taken in (by ingestion or inhalation) by a child living at that location. As noted above, dermal exposure to lead is considered to be a minor source of exposure and is not included in the model.

The inputs to the IEUBK model are selected to reflect estimates of central tendency values (i.e., arithmetic means or medians). These estimated inputs are used to calculate an estimate of the central tendency (the geometric mean (GM)) of the distribution of blood lead values that might

occur in a population of children exposed to the specified conditions. Assuming the distribution is lognormal, and given (as input) an estimate of the variability between different children (this is specified by the geometric standard deviation or GSD), the model calculates the expected distribution of blood lead values, and estimates the value of P10. This value may be compared to the EPA health-based goal (P10 = 5%) in order to determine if environmental contamination levels at that location are of concern or not.

4.4 Inputs to the IEUBK Model

Table 4-1 presents the IEUBK model inputs used in the risk assessment. For most parameters, the default values recommended by the guidance for the model were used (USEPA 2004a, 2008a). Details on site-specific model inputs used in the risk assessment are described below.

4.4.1 Environmental Concentration Data

USEPA guidance (USEPA 1994a) specifies that environmental concentration values provided to the IEUBK model should generally be the best estimates of the arithmetic mean concentration in a medium, averaged over the exposure unit of concern (a property). The following sections describe the derivation of these input values for each environmental medium included in the IEUBK model calculations.

Residential Yard Soil

For yard soil, the exposure point concentration (EPC) for each property was calculated as the mean of all surface soil (0-2 inch) samples collected at that property from locations where children may be regularly exposed to soil (USEPA 2007b). At most residences, this was usually the mean of four composite surface soil samples collected from 4 quadrants of the yard (2 samples from the front yard and 2 samples from the back yard). If more than one estimate was available for a quadrant, these were averaged within the quadrant before averaging across the quadrants. At some properties, additional composite samples were collected from garden areas, play areas, and drip zones. In these cases, samples from garden areas and play areas were included in calculating the yard-wide average lead concentration for the property. Soil samples from the drip zone were excluded from the yard-wide average lead concentration, because the drip zone is not thought to be an area where children are likely to play on a regular basis. In addition, the drip zone may contain chips of lead-based paint which could significantly overestimate exposure from soil if included in estimating EPCs for soil.

As discussed previously (see Section 2.11.1), most measures of lead in yard soil are obtained using XRF analysis of "coarse" soils (i.e., < 2 mm). However, the ideal measure would be lead measured in the fine fraction (< 250 µm) using ICP. This is because it is considered likely that children are exposed mainly to the fine faction, and because ICP measurements are considered to be more accurate than XRF measurements. Therefore, each XRF measurement of lead in coarse

soil was converted to an estimate of the concentration that would be expected had the fine fraction been analyzed by ICP. Appendix F presents the details of how this conversion is achieved. In brief, the calculation is as follows:

Fine ICP = Coarse XRF * 1.16 * 1.04

where:

1.16 = Conversion factor from coarse XRF to coarse ICP
1.04 = Conversion factor from coarse ICP to fine ICP

Appendix G presents the EPCs for lead in soil calculated in this way for each property evaluated in the risk assessment.

Indoor Dust

Indoor dust is a medium that is composed in part of outdoor soil and in part of material derived from other sources. Soil can be a dominant source of lead in indoor dust at residences. The IEUBK model incorporates a soil-to-dust transfer factor to describe the potential for lead in soil to be transported indoors and contribute to the concentration of lead in dust. This transfer factor is called M_{sd} and it is defined as the mass fraction of soil-derived particles in indoor dust (gram soil/gram dust) (USEPA 1998b). The M_{sd} is used to estimate the concentration in dust as follows:

$$Pb_{dust} = D0 + M_{sd} * Pb_{soil}$$

where:

Pb_{dust} = concentration of lead in indoor dust (µg Pb/g dust)
D0 = The concentration of lead in dust (µg Pb/g dust) that is not attributable to soil
M_{sd} = mass fraction of soil in dust (g soil/g dust)
Pb_{soil} = concentration of lead in outdoor soil (µg Pb/g soil)

M_{sd} values can range from 0 to 1, with low values indicating that the contribution of outdoor soil to indoor dust is minimal, and high values indicating that soil is the predominant source of indoor dust. The USEPA default assumption for M_{sd} is 0.70. That is, the default assumption is that 70% (by mass) of indoor dust is derived from outdoor soil (USEPA 1994a). However, the average fraction of dust derived from soil is likely to vary between sites, so USEPA Region 7 has obtained data to derive a site-specific equation that relates the concentration of lead in dust to that in soil for the OLS. The data and the analysis are presented in Appendix F. The resulting equation is:

$$C_{dust} = 42 + 0.74*C_{soil}$$

With regard to this equation, it is important to note several items:

- There is substantial variability of individual data points around the best-fit linear regression (see Figure F-11 in Appendix F). This is expected because of the many factors that determine the transfer of soil into indoor dust in each individual home (e.g., number of children and pets, extent of vegetative cover, frequency of cleaning, etc.). However, the slope of the line is highly significant ($p<0.001$), indicating that the regression model is a good predictor of the average contribution of soil to indoor dust.
- The intercept term (42 ppm) is relatively low. This indicates that although there may be a few individual homes with high indoor dust derived from indoor lead-based paint or other indoor sources (e.g., see Figure F-11 in Appendix F), on average it appears that indoor lead-based paint is not the dominant source of lead in indoor dust.
- The slope term (0.74 grams of soil per gram of dust) is relatively high, indicating that outdoor soil is, on average, the dominant source of material in indoor dust.

This equation was used to calculate the concentration of lead in dust at each property, based on the mean concentration of lead in outdoor soil at the property (excluding drip zone samples). Based on measured soil levels, estimated dust concentrations ranged from 51 mg/kg to 4,269 mg/kg (see Appendix G, Table G-1 for property-by-property estimates). Note that this equation is used to estimate the dust concentration even in cases where a measured value for dust was available (N = 98). This is because the measured value in dust is conditional on the current conditions at the property (percent grass cover in the yard, number of people and pets residing at the property, frequency of house cleaning, etc.), while the goal is to perform a generic assessment that includes expected values for all future as well as current residents.

Drinking Water

Data on the concentration of lead in tap water at 98 properties in the Final Focus Area were collected in 2007 and 2008 (Black and Veatch 2008a, 2008b). Samples of two types were collected at each residence: "first-flush" samples (i.e., the water that emerges when the water is first turned on after standing overnight) and "post-flush" samples (i.e., water that emerges after the standing water has been fully flushed from the pipes). This is potentially important because lead levels in first-flush water tends to be higher than in post-flush samples in homes where lead is present in pipes, soldered joints, or plumbing fixtures.

In the original data set (Black and Veatch 2008a), one location (property ID 29349) yielded values of 48.8 µg/L for first-flush water and 635 µg/L for post-flush water. These values were considered unusual for two reasons: 1) the values were much higher than any other samples collected, and 2) the post-flush sample was much higher than the first-flush sample. Because these levels (if actual) would be of acute health concern to residents at the location, USEPA re-sampled the tap water at this residence and found the levels of lead to be considerably lower that

the initial estimates, with both values below the national drinking water standard (15 µg/L). Because the high concentrations of lead were not confirmed by the second set of tap water samples, the first tap water results collected at this residence are considered invalid and were excluded from the risk assessment, and only the results from the second round of sampling at this property were used.

The resulting data are shown in Table 2-7. The average concentration in water ingested by residents was calculated by assuming that 50% of the water ingested is first-flush and 50% is post-flush (USEPA 1994a). Based on this assumption, the mean concentration of lead in tap water at the OLS is 1.36 µg/L.

Outdoor Air

Data on the mean concentration of lead in outdoor ambient air in the vicinity of the site was obtained from USEPA's AQS database (USEPA 2008b). This database contains ambient air monitoring results for contaminants that are considered hazardous air pollutants or criteria air pollutants by the Clean Air Act, including lead. Table 2-8 lists 14 stations located within Douglas County, and the availability of lead data from each station. As shown in Figure 2-7, 11 of these stations are located within the Final Focus Area of the OLS. Table 2-9 presents the annual average lead concentrations measured at these stations for the years 1997 to 2002. As seen, data are only available at 5 of the 11 stations (0011, 0041, 0042, 0046, 0049) during this time period.

Inspection of the data in Table 2-9 reveals that lead levels in ambient air have tended to decline over the time interval from 1997 to 2002. The reason for the decline is not certain, but one factor that is likely to be important is the cessation of ASARCO smelter operations in 1997. Because the goal of the risk assessment is to evaluate risks under current site conditions, only the most recent data were used in calculating the EPC for air. The available data are not adequate to determine with confidence if downward trends are continuing in the time frame of 2000 or later, so all data from 2000-2002 were used. If downward trends are still continuing, this approach could lead to an overestimate of lead exposure from ambient air under current site conditions.

It should be noted that the five stations for which data are available are all located in central Omaha, relatively near the former smelter site. The data are not adequate to reveal if there is a tendency for air concentrations to decrease as a function of distance from the former smelter site, so these data were used to represent all locations within the Final Focus Area. If there is a tendency for lead concentrations to decrease as a function of distance from the smelter, it is possible that the use of these data may tend to overestimate exposure from ambient air at locations that are furthest away from the former smelters.

Based on these considerations, the concentration value selected to represent lead in ambient air in the Final Focus Area is 0.036 µg/m^3. This concentration is the average lead concentration measured at 5 monitoring stations at the OLS from 2000 – 2002.

Purchased Food Items

For food items purchased from a grocery store, estimates of the average daily intake of lead were based on measured concentration values in food reported by the Food and Drug Administration's (FDA) Total Diet Study (FDA 2006), combined with typical dietary intake data from the National Health and Nutrition Examination Survey (NHANES III) (CDC 1997). These intake values are shown in Table 4-1 (Panel B).

Exposure of area residents by ingestion of lead taken up from soil into home-grown garden vegetables was not evaluated in this risk assessment because no site-specific data were available on the concentration of lead in home grown produce. This is not considered to be a substantial source of uncertainty because data from other sites indicate that lead does not tend to strongly accumulate in home grown garden vegetables (Life Systems 1995, USEPA 2001d).

4.4.2 Lead Bioavailability

Accurate assessment of the human health risks resulting from oral exposure to lead requires knowledge of the amount of lead absorbed from the gastrointestinal tract into the body. This information on gastrointestinal absorption may be described either in absolute or relative terms:

> *Absolute Bioavailability (ABA)* is the ratio of the amount of lead absorbed to the amount ingested:
>
> ABA = (Absorbed Dose) / (Ingested Dose)
>
> This ratio is also referred to as the oral absorption fraction (AFo).
>
> *Relative Bioavailability (RBA)* is the ratio of the absolute bioavailability of lead in a test material compared to the absolute bioavailability of lead in an appropriate reference material:
>
> RBA = ABA(test) / ABA(reference)
>
> Usually the form of lead used as the reference material is a compound that is readily soluble in water (e.g., lead acetate) and that is expected to readily dissolve in gastrointestinal fluids when ingested.

For example, if 100 µg of lead dissolved in drinking water were ingested and a total of 50 µg were absorbed into the body, the ABA would be 0.50 (50%). Likewise, if 100 µg of lead contained in soil were ingested and 30 µg were absorbed into the body, the ABA for soil would

be 0.30 (30%). If the lead dissolved in water were used as the frame of reference for describing the relative amount of lead absorbed from soil, the RBA would be 0.30/0.50, or 0.60 (60%).

Site-specific estimates of RBA of lead in soil may be obtained from either *in vivo* or *in vitro* methods. The *in vivo* approach measures the gastrointestinal absorption of lead in animals dosed with site soils compared to that for lead acetate. This ratio is the RBA for lead. The *in vitro* approach measures the fraction of lead that is solubilized from soil into an extraction fluid that simulates natural gastrointestinal conditions. The fraction solubilized is referred to as the *in vitro* bioaccessibility (IVBA). For lead, IVBA results are well correlated with the *in vivo* RBA results, and USEPA has determined that IVBA values measured using an approved method are appropriate for estimating the RBA for lead (USEPA 2007a). The relationship between a measured IVBA value and the corresponding RBA value is given by the following equation (USEPA 2007b):

$$RBA = 0.878 * IVBA - 0.028$$

USEPA Region 7 conducted both *in vivo* and IVBA testing on soil samples collected from the OLS, and IVBA testing was conducted on indoor dust samples (see Table 4-2). The results are presented in the following sections.

4.4.2.1 Lead RBA in Soil

In Vivo Results

USEPA measured the RBA of lead in juvenile swine using two test soils collected from the OLS (Casteel *et al.* 2004). Juvenile swine are used because they are believed to be a good model for the gastrointestinal absorption of lead in children. The amount of lead absorbed by each animal was estimated based on measurements of lead concentration in four different tissues (blood, liver, kidney, and bone) during or following exposure.

Each test soil consisted of a composite sample of surface soil collected from 2 residential yards. These materials were sieved before testing to isolate the fine fraction (< 250 µm). This is because the fine fraction is generally considered to be more likely to adhere to the hands and be ingested than coarse soil particles. The original report of the *in vivo* study is provided in Appendix B, and the resulting RBA values are shown in Panel A of Table 4-3. As seen, the suggested point estimate and the plausible range of RBA of lead measured in these two surface soils was 1.01 (1.01-1.03) and 0.74 (0.68-0.76).

More recently, USEPA (2007b) described a new statistical approach for estimating the RBA of lead in soil from *in vivo* studies. In accord with this guidance, the RBA data were reanalyzed using USEPA's new recommended statistical method. In addition, the concentrations of lead in the two test soils were revised based on quintuplicate measurements of each soil. The revised

results are provided in Appendix B and are summarized in Panel B of Table 4-3. As seen, the new statistical method yields point estimates and 90% confidence intervals for RBA of 0.96 (0.64 – 1.29) and 0.83 (0.58 – 1.10) for Test Materials 1 and 2, respectively.

IVBA Results

USEPA measured the IVBA of lead in the fine fraction (< 250 µm) of 47 different surface soil samples collected at the OLS (Drexler 2004, 2008a). These data are provided in Appendix B. Table 4-4 presents the IVBA results[2] and the estimated RBA values derived from the IVBA results using the equation presented above. As seen, the estimated RBA values range from 0.27 to 0.95, with a mean of 0.68. Figure 4-2 plots the estimated RBA values as a function of soil concentration. This plot indicates there are two data points with estimated RBA values that are considerably lower than the rest of the results. These two data points were identified as outliers using Rosner's Test (Gilbert 1987), and were excluded from the data set. The relationship between soil concentration and estimated RBA (excluding outliers) was examined using linear regression and the slope of the line was not statistically different from zero ($p = 0.45$). Based on this, it is concluded that the RBA of lead in soil is independent of concentration, and the best estimate of RBA based on the IVBA approach is equal to the mean of the estimated RBA values (outliers excluded). The resulting value is 0.70.

Correlation Between RBA and IVBA

The two test materials used in the *in vivo* RBA study (Test Material 1 and Test Material 2) were also analyzed by IVBA (Drexler 2008a). Table 4-5 compares the RBA values derived from the IVBA results and from the *in vivo* study. For both test materials, the RBA values estimated from the *in vivo* test were somewhat higher than estimated using the IVBA approach, although the uncertainty bounds of the estimates overlapped in both cases.

In making this comparison, it should be recognized that a) *in vivo* RBA values are generally subject to more measurement error than IVBA values, and b) that extrapolation from IVBA to RBA yields the average RBA value associated with that IVBA, and that actual RBA values may be either higher or lower than the calculated mean. Thus, exact agreement is not expected.

Selection of Weight-of-Evidence RBA Value for Soil

Both the *in vivo* results for two samples and the *in vitro* results for 47 samples clearly indicate that the RBA of lead in soil at the site is higher than the USEPA default value of 0.60. The *in vitro* data suggest a mean value of about 0.70, while the two *in vivo* values are 0.83 and 0.96. In

[2] Note: The values shown in this table are different than originally reported in Drexler (2004). This is because the 2004 report was published before the ICP results for the concentrations of lead in the fine fraction (<250 µm) were available, so the initial IVBA estimates presented in Drexler (2004) were based on XRF estimates of lead in the bulk fraction (<2 mm) (Drexler 2008a, personal communication). The values shown in Table 4-4 are based on the concentration of lead in the fine fraction measured by ICP.

general, greatest weight is placed on the *in vivo* data, suggesting a point estimate of about 0.9. However, as noted above, *in vivo* values are more difficult to measure and have wider uncertainty than *in vitro* values, and in this case, there are 47 *in vitro* values compared to only two *in vivo* values. Based on the weight of evidence, a point estimate of 0.8 is selected to represent the mean RBA of lead in soil at the site. This value is slightly above the average for the *in vitro* estimates, is approximately equal to the *in vivo* point estimate for Test Material 2, and is only somewhat lower than the *in vivo* point estimate for Test Material 1.

4.4.2.2 Lead RBA in Indoor Dust

IVBA Results

USEPA measured the IVBA of lead in the fine fraction (< 250 µm) of 94 different indoor dust samples collected at the OLS in 2007 (Drexler 2008b). Table 4-6 presents the IVBA results and the estimated RBA values derived from the IVBA results. As seen in Table 4-6, the estimated RBA values for indoor dust range from 0.32 – 4.44, with a mean of 0.79. Figure 4-3 presents the estimated RBA values plotted as a function of the dust concentration. As seen, there are three data points with estimated RBA values that were considerably higher than the rest of the results (RBA > 1.5), and one data point has an estimated RBA that is considerable lower (RBA < 0.3). These four data points were identified as outliers using Rosner's Test (Gilbert 1987), and were excluded from the data set. The relationship between indoor dust and estimated RBA (excluding outliers) was examined using linear regression and the slope of the line was not statistically different from zero ($p = 0.18$). Based on this, it is concluded that the RBA of lead in indoor dust is independent of concentration, and the best estimate is given by the average of the values (outliers excluded). The resulting value is 0.73.

Selection of Weight-of-Evidence RBA Value for Dust

In the case of soil, two data sets were available for consideration: two *in vivo* RBA values and 47 IVBA values. As discussed above, the two *in vivo* values tended to be somewhat higher than the corresponding RBA values computed for those samples using the IVBA results, and were also higher than the average of the other IVBA-based RBA values. On this basis, the RBA for soil was set to a value somewhat higher than the mean IVBA-based RBA. In the case of dust, only IVBA-based RBA estimates are available, and there are no direct *in vivo* measurements. However, there is no reason to expect that the RBA for dust should be lower than for soil. To the contrary, because dust particles tend to be smaller than some soil particles, it is expected that RBA in dust should be the same or higher than in soil. On this basis, and by extension of the rationale used for soil, the RBA value selected to represent the mean for dust is 0.8.

4.4.3 Age

When the IEUBK model is run for a particular property, the resulting output is intended to represent the distribution of long-term average (0-84 month) blood lead values in a population of children exposed at that location. When the IEUBK model must be run for a large number of properties (approximately 40,000 at the OLS), calculations are not run one by one, but are performed using a "batch mode". In the batch mode, the output is the blood lead level for a child of a specific age, which must be specified as input. In order to ensure that the output of the batch run is comparable to that of a single property run, an age of 50 months was selected for use. This is because the blood lead at age 50 months is nearly the same as the average blood from 0-84 months.

4.5 Results

The IEUBK model was run in batch mode to calculate the probability that a child would have a blood lead level over 10 µg/dL at each property in the OLS for which data are available and which has not yet undergone soil cleanup activities. The results are summarized in Table 4-7, stratified by zip code.

Inspection of Table 4-7 and Figure 4-4 reveals the following main findings:

- Of the 28,478 properties evaluated, a total of 19,445 homes (68%) are predicted to have P10 values at or below the health-based goal of 5%, and 9,033 properties (32%) have values that exceed the goal.
- Of these 9,033 properties, 3,177 have P10 values between 5% and 10%, 3,051 properties have P10 values between 10% and 20%, and 2,805 properties have P10 values greater than 20%.
- The location of properties with P10 values greater than the health-based goal of 5% were widespread across the OLS final focus area and were found within all zip codes with the exception of 68117 (which only had 2 properties).

These results indicate that a number of homes or parcels within the final focus area have soil lead levels that are of potential health concern to children who may reside there, now or in the future.

4.6 Uncertainties

It is important to recognize that the exposure and risk calculations for lead presented in this section are subject to uncertainty that arises from a number of different sources. Each of the major sources of uncertainty in the lead risk assessment are discussed below. It is important for risk managers and the public to take these uncertainties into account when interpreting the risk conclusions for lead at this site.

4.6.1 Uncertainty in Lead Concentration Estimates

Evaluation of human health risk from lead at any particular location (property) requires accurate information on the average concentration level of lead in each environmental medium at that location.

Uncertainty in Soil Concentration Values

For soil, lead concentrations were usually measured using XRF for four or more composite samples representing different areas of the residential property. Each measured XRF value is uncertain, due both to analytical error and to sampling variability. Consequently, the mean across the multiple values is also uncertain. The effect of analytical error is likely to be relatively small. The effect of sampling error is somewhat larger than the effect of analytical error, but is still relatively small because most samples are a composite of 5 sub-samples. That is, the variability in the mean of five samples is smaller than the variability in each of the individual samples.

Additional uncertainty in the measured concentration of lead in soil arises from two adjustments to the measured data that are needed. First, XRF values of lead in soil at this site tend to be biased somewhat low compared to paired ICP measures (see Appendix C), so it was necessary to adjust for this bias using a factor of 1.16. This adjustment factor itself is uncertain (see Appendix F), so corrected values may be either higher or lower than the true mean. Second, XRF measures of lead were performed on "bulk" soils (< 2 mm) while human exposure is believed to be primarily to "fine" soils (< 250 µm). At some sites, the concentration of lead in the fine fraction can be up to 30% or more higher than in the bulk fraction, which would result in an underestimate of exposure if not accounted for. However, at this site, the ratio of the concentration of lead in the fine fraction to that in the bulk fraction is only slightly higher than 1 (1.04). Thus, although this adjustment is a source of uncertainty, the magnitude of the uncertainty is small.

Uncertainty in Dust Concentration Values

Lead in soil may serve as a source of contamination of indoor dust. The USEPA generally assumes that 70% of dust is derived from soil (i.e., $C_{dust} = 0.7 \cdot C_{soil}$). At this site, data on the relationship between lead levels in soil and dust were collected at 98 different properties in order to support the derivation of a site-specific equation to relate lead levels in dust to those in soil. These data and the resulting equation are detailed in Appendix F.

As discussed in Appendix F, quantification of the relationship is complicated by the fact that there is measurement and sampling error in both the soil and the dust values, and that both errors tend to increase as the concentration of lead increases. A number of different statistical strategies were investigated to determine which best accounted for the errors, and the resulting

equation utilizes the most successful method. However, the parameters of the regression equation are uncertain, and dust levels at any given property may be either higher or lower than computed using the equation.

4.6.2 Uncertainty in Lead Absorption from Soil and Dust

Another important source of uncertainty regarding the risk from lead in soil and dust is the degree of absorption (RBA) of lead within the gastrointestinal tract. For this risk assessment, a site-specific relative bioavailability factor for lead of 0.80 has been applied to both soil and dust. This value is based on two types of site-specific data: *in vivo* estimates derived by dosing an appropriate animal model (juvenile swine) with two different site soils, and *in vitro* measures of bioaccessibility (IVBA) derived for 47 soils and 94 dust samples. This is a very substantial data set upon which to estimate a site-specific RBA value, and the data are in general agreement that the value is higher than the default. However, there remains some difference between the *in vivo* and the IVBA estimates, and although the value selected for use reflects a weight-of evidence consideration of both types of data, the selected value is uncertain, and might be either higher or lower than the true value.

4.6.3 Uncertainty in the IEUBK Model

All predictive models, including the IEUBK model, are subject to a number of limitations. First, there is inherent difficulty in providing the model with reliable estimates of human exposure to lead-contaminated media. For example, exposure to soil and dust is difficult to quantify because human intake of these media is likely to be highly variable, and it is very difficult to derive accurate measurements of actual intake rates. Second, it is often difficult to obtain reliable estimates of key biokinetic parameters in humans (e.g., absorption rates, distribution and clearance rates from various tissues), since direct observations in humans are limited. Finally, the absorption, distribution, and clearance of lead in the human body is an extremely complicated process, and any mathematical model intended to simulate the actual processes is likely to be an over-simplification. Consequently, model calculations and predictions are uncertain.

A second source of uncertainty arises from the approached used by the IEUBK model to estimate the probability of a random child at a property having a blood level above 10 µg/dL (P10). As discussed in Section 4.3, the IEUBK model estimates this value by assuming that the distribution of blood lead values at a location is lognormal with a specified geometric standard deviation (GSD). The value of P10 is quite sensitive to the assumed value of GSD, with P10 increasing rapidly as GSD increases. The true value of GSD at the OLS is not known, and the lead risk calculations are based on a default value of 1.6, which is estimated from blood lead data studies at three lead sites around the country (USEPA 1994a). Use of this assumed GSD is an important source of uncertainty, and actual P10 values might be either higher or lower than calculated.

5.0 EVALUATION OF RISKS FROM NON-LEAD CONTAMINANTS

Although lead was the primary contaminant released to the environment from the historic operation of the smelters in the OLS, other metal and metalloid contaminants may also have been released. The Interim Risk Assessment (NHHSS 2004) included an initial evaluation of the risks from non-lead contaminants, and concluded that adverse non-cancer effects and unacceptable excess cancer risks were not anticipated as a result of incidental ingestion of soil (NHHSS 2004). The purpose of this section is to provide an updated evaluation of the risks from non-lead contaminants utilizing new data that have been collected since the date of the Interim Risk Assessment.

In accord with USEPA guidance (USEPA 1989a), risks from non-lead contaminants are evaluated using a four-step process:

- Data collection and evaluation involves gathering and analyzing the site data relevant to the human health risk assessment, as well as identifying the contaminants present at the site that are the focus of the risk assessment process.
- Exposure Assessment is conducted to identify the pathways by which humans may potentially be exposed, and to estimate the magnitude, frequency, and duration of actual and/or potential human exposures by those pathways.
- Toxicity Assessment characterizes the nature of the adverse effects caused by each chemical and a description of how the frequency or severity of effects depends on exposure level.
- Risk Characterization combines the information from the exposure assessment and the toxicity assessment to predict the nature, frequency and/or severity of adverse effects in humans exposed at the site. This final step also discusses the uncertainties of each step of the risk assessment and their impact on the risk estimates.

The data collection and evaluation step was described previously in Sections 2 and 3. The following sections summarize the exposure assessment, toxicity assessment, and risk characterization steps.

5.1 Exposure Assessment

5.1.1 Site Conceptual Model

The generalized site conceptual model for exposure of residents to smelter-related contaminants was presented previously in Figure 3-1. The detailed site conceptual model for exposure of residents to non-lead COPCs is presented in Figure 5-1. The following sections describe which of these pathways are likely to be potentially significant and that have been selected for quantitative evaluation in the risk assessment.

Sources of Contamination

The principal source of smelter-related contamination with non-lead COPCs is wet or dry deposition of metal-containing particles from historic smelter mission to area soils. However, it should be noted that metals and metalloids released from the smelter also occur naturally in soil and other environmental media, and may also be released to soil from other (non-smelter) sources.

Incidental Ingestion of Surface Soil and Indoor Dust

Even though few people intentionally ingest soil, residents (especially children) who have direct contact with soil at the site might ingest small amounts that adhere to their hands during outdoor activities. In addition, soil can be brought into residences by direct transport on shoes, clothing, pets, etc., or may be deposited in residence by airborne dust where it becomes mixed into indoor dust, which may also be ingested by hand to mouth activities. Incidental ingestion of outdoor soil and indoor dust are often the most important routes of human exposure at a site, so these exposure pathways are evaluated quantitatively in this risk assessment.

Dermal Contact with Soil and Indoor Dust

Residents may get soil on their skin during outdoor activities involving direct contact with soil. Although most metals do not readily cross the skin into the body, dermal exposure to soil is a complete exposure pathway and is evaluated quantitatively in the risk assessment when data are sufficient. Little is known about dermal contact with indoor dust while in a residence, but it is generally assumed this is minor compared to dermal contact with soil. Therefore, dermal contact with dust is not evaluated quantitatively in this risk assessment.

Inhalation of Airborne Soil Particulates

Whenever contaminated soil is exposed at the surface, particles of contaminated surface soil may become suspended in outdoor air by wind disturbance, and humans in the area could inhale those particles. Screening level calculations (see Appendix D) indicate that exposure to particulates suspended in outdoor air is very small compared to oral exposure, so this pathway is evaluated qualitatively rather than quantitatively in this risk assessment.

Ingestion of Homegrown Produce Items

Area residents may grow garden vegetables or fruit in smelter-impacted soil, and some contaminants in the soil may be taken up by the vegetables or fruit and ingested. Because no data are available on the levels of metals in locally grown vegetables or fruit, this exposure pathway cannot be evaluated quantitatively in this risk assessment. However, uptake of metals

into plants is usually not extensive, so omission of this pathway is not likely to be a major source of uncertainty.

Exposure to Surface Water and Sediment

Smelter-related contaminants in soil may be eroded into the Missouri River from surface runoff events, and area residents who have contact with the river during recreational visits might be exposed by incidental ingestion or dermal contact with surface water or sediment. However, sampling results of water and sediment in the Missouri River immediately adjacent to the ASARCO and Gould facilities did not detect elevated levels of lead or any other smelter-related contamination (Black and Veatch 2009). This is not unexpected because the amount of dilution provided by the flow of the Missouri River is expected to reduce any potential release of transported site contaminants to very low levels (USEPA 2005a). Therefore, exposures of area residents to surface water and sediment are not evaluated quantitatively in this assessment.

Exposure to Groundwater

In some cases, smelting-related releases to soil may lead to increased levels of contaminants in groundwater due to infiltration of the contaminants from rain and snow-melt. If the groundwater were used for drinking, area residents could be exposed by ingestion of the contaminants. However, at the OLS site, area residents receive their drinking water from the municipal public water system, so it is not believed that the groundwater pathway is complete at present.

Exposure to Drinking Water

Although drinking water at the site is derived in part from the Missouri River, this exposure pathway is not considered to be of significant concern because no significant increases in metal concentrations have been observed in the river near the site, and because the water is treated in accord with the requirements of the Safe Drinking Water Act before distribution to homes. Therefore, exposure from drinking water is not evaluated quantitatively in this risk assessment.

Exposure to Fish Tissue

Area residents who ingest fish caught in the Missouri River near the site might be exposed to site-related contaminants taken up into the edible fish tissues from contaminants in surface water and/or sediments. However, because metals in surface water and sediment samples collected from the Missouri River were not elevated, and because the dilution factor of the Missouri River is so great (Black and Veatch 2009), site-related contaminants are not expected to accumulate in fish tissue. Thus, this exposure pathway is not evaluated quantitatively in this risk assessment.

Summary of Exposure Pathways for Quantitative Assessment

Based on the evaluation of potential exposure pathways presented above, the following exposure pathways to non-lead contaminants are evaluated quantitatively in this risk assessment:

Population	**Exposure Pathway**
Residents	Ingestion of outdoor soil Ingestion of indoor dust Dermal contact with outdoor soil

5.1.2 Quantification of Human Exposure

5.1.2.1 Basic Equations

Quantification of Oral Exposure

The amount of a chemical which is ingested from an environmental medium (dose) is quantified in terms of the average daily intake (DI, expressed in units of mg/kg-day), calculated using an equation of the following form:

$$DI = C * (IR / BW) * (EF * ED / AT)$$

where:

DI = Daily intake of chemical (mg of chemical per kg of body weight per day).
C = Concentration of the chemical in the contaminated environmental medium to which the person is exposed. The units are mg/kg for soil and dust.
IR = Intake rate of the contaminated environmental medium. The units are kg/day for soil and dust.
BW = Body weight of the exposed person (kg).
EF = Exposure frequency (days/year). This describes how often a person is likely to be exposed to the contaminated medium over the course of a typical year.
ED = Exposure duration (years). This describes how long a person is likely to be exposed to the contaminated medium during their lifetime.
AT = Averaging time (days). This term specifies the length of time over which the average intake or dose is calculated. Usually, two different averaging times are considered:

"Chronic" exposure includes averaging times on the scale of years (typically ranging from 7 to 30 years). This exposure duration is used when assessing the non-cancer risks from chemicals of potential concern.

"Lifetime" exposure employs an averaging time of 70 years. This exposure interval is selected when evaluating cancer risks.

Note that the factors EF, ED, and AT combine to yield a factor between zero and one. Values near 1.0 indicate that exposure is nearly continuous over the specified averaging period, while values near zero indicate that exposure occurs only rarely.

For mathematical convenience, the general equation for calculating the daily intake (or dose) can be written as:

$$DI = C * HIF$$

where:

HIF = Human Intake Factor. This term describes the average amount of an environmental medium contacted by the exposed person each day. The value of HIF is typically given by:

$$HIF = (IR / BW) * (EF * ED / AT)$$

The units of HIF are kg/kg-day for soil and dust.

Because one or more exposure parameters (e.g., intake rates, body weight, and exposure frequency) may change as a function of age, exposure calculations are often performed separately for children and adults. In the case of site residents, non-cancer risks were calculated separately for a child resident and an adult resident. However, for estimating excess cancer risks from exposure to a chemical, because the same individual may be exposed beginning as a child and extending into adulthood, exposure is calculated as the time-weighted average (TWA) exposure:

$$TWA\ DI = C *[(IRc / BWc) * (EFc * EDc / AT) + [(IRa / BWa) * (EFa * EDa / AT)]$$

where the subscripts "c" and "a" refer to child and adult, respectively.

Quantification of Dermal Exposure

The amount of a chemical which is absorbed across the skin is referred to as the dermal absorbed dose (DAD). Procedures for estimation of the DAD as outlined in USEPA (2004a) were used in this assessment and are described below. For chemicals except lead (which is evaluated as described in Sections 4.3 and 4.4), exposure is quantified using an equation of the following general form:

$$DAD = DA_{event} * EF * ED * EV * SA / (BW * AT)$$

where:

DAD = Dermal absorbed dose (mg of chemical per kg of body weight per day).

DA_{event} = Absorbed dose per event (mg of chemical per square centimeter of skin surface area per event). This is media-specific and is further described below.

EF = Exposure frequency (days/year). This describes how often a person is likely to be exposed to the contaminated medium over the course of a typical year.

ED = Exposure duration (years). This describes how long a person is likely to be exposed to the contaminated medium during their lifetime.

EV = Event frequency (events/day). This describes the number of times per day a person comes in contact with a contaminant in soil.

SA = Surface area (cm^2). This describes the amount of skin exposed to the contaminated media.

BW = Body weight of the exposed person (kg).

AT = Averaging time (days). This term specifies the length of time over which the average dose is calculated.

For contaminants in soil, DA_{event} is estimated as follows:

$$DA_{event} = C_{soil} * CF * AF * ABS_d$$

where:

C_{soil} = Chemical concentration in soil (mg of chemical per kg of soil).

CF = Conversion factor (10^{-6} kg/mg).

AF = Adherence factor (mg of soil per cm^2 of skin surface area per event). This describes the amount of soil that adheres to the skin per unit of surface area.

ABS_d = Dermal absorption fraction (unitless). This value is chemical-specific and represents the contribution of absorption of a chemical across a person's skin from soil to the systemic dose.

Combining these equations yields the following:

$$DAD = C_{soil} * CF * AF * ABS_d * EF * ED * EV * SA / (BW * AT)$$

For mathematical convenience, the general equation for calculating DAD can be written as:

$$DAD = C_{soil} * ABS_d * HIF_{soil}$$

where:

$$HIF_{soil} = (SA * AF * EF * ED * EV * CF) / (BW * AT)$$

The units of HIF_{soil} are kg/kg-day.

As described above, in the case of residents, because the same individual may be exposed beginning as a child and extending into adulthood, exposure is calculated as the time-weighted average (TWA) exposure for evaluating cancer risks. For non-cancer risks, children and adults were evaluated separately.

5.1.2.2 Human Exposure Parameters

For every exposure pathway of potential concern, it is expected that there will be differences between individuals in their level of exposure at a specific location due to differences in intake rates, body weights, exposure frequencies, and exposure durations. Thus, there is normally a wide range of average daily intakes between different members of an exposed population. Typically, attention is focused on intakes that are "average" or are otherwise near the central portion of the range, and on intakes that are near the upper end of the range (e.g., the 95th percentile). These two exposure estimates are referred to as Central Tendency Exposure (CTE) and Reasonable Maximum Exposure (RME), respectively.

The USEPA has collected a wide variety of data and has performed a number of studies to help establish default values for most residential exposure parameters. The chief sources of these standard default values are the following documents:

1. Risk Assessment Guidance for Superfund (RAGS). Volume I. Human Health Evaluation Manual (Part A). USEPA 1989a.

2. Human Health Evaluation Manual, Supplemental Guidance: "Standard Default Exposure Factors." USEPA 1991a.

3. Exposure Factors Handbook. USEPA 1997a.

4. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. USEPA 2002a.

5. Risk Assessment Guidance for Superfund (RAGS). Volume I. Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment). USEPA 2004a.

Exposure parameters used in this risk assessment for evaluation of area residents are summarized in Table 5-1 and are described below.

Body Weight. For children, a body weight of 15 kg was assumed for a CTE and RME resident (USEPA 1991a). This value is the average body weight for young children (boys and girls combined) under the age of 6 years. For adults, a body weight of 70 kg was assumed for a CTE and RME resident. This value is the average body weight for adult men and women (USEPA 1991a, 1997a). These body weights are USEPA (1991a) recommended default values.

Exposure Frequency. For both children and adult residents, a CTE exposure frequency of 245 days per year and an RME exposure frequency of 350 days per year were assumed. The CTE value is based on the mean percent of time men and women spend at home (67%) reported in Table 15A-3 of the Exposure Factors Handbook (USEPA 1997a). The RME value is the USEPA (1991a) recommended default value for exposure frequency for a resident.

Exposure Duration. For both children and adult residents, a CTE exposure duration of 9 years and an RME exposure duration of 30 years were used. The CTE value is based on the average residency occupancy of a home, as reported in EPA's Exposure Factors Handbook (USEPA 1997a). Of the 9 years of exposure, it is assumed that 2 years of exposure occur as a child and that 7 years of exposure occur as an adult, based on professional judgment. The RME value is the USEPA (1991a) recommended default value for a resident. This value represents the 90th percentile for time spent at one residence (USEPA 1991a).

Averaging Time. As recommended by USEPA (1989a), an averaging time of 70 years (25,550 days) is used for assessing excess lifetime cancer risk for both CTE and RME residents. For assessing adverse non-cancer effects, the averaging time was set equal to the exposure duration (expressed in days) (USEPA 1989a).

Soil and Dust Ingestion Rate. For children, an intake rate of 200 mg/day of soil plus dust (combined) was used for an RME individual (USEPA 1991a), and an intake rate of 100 mg/day

was used for a CTE individual (USEPA 1997a). For adults, the USEPA (1991a) recommended default intake rate of 100 mg/day was used for an RME individual and an intake rate of 50 mg/day was used for a CTE individual.

Exposed Surface Area. USEPA (2004a) recommended default values for both child and adult residents were used for the exposed surface area. An exposed surface area of 2,800 cm^2 was used for both the CTE and RME child resident and an exposed surface area of 5,700 cm^2 was used for the CTE and RME adult resident. The values assume that the exposed skin surface includes the head, hands, forearms, and lower legs. The exposed surface area for children also assumes exposure of the feet.

Soil Adherence Factor. USEPA (2004a) recommended default values for child and adult residents were used for the soil adherence factor exposure parameter. For children, the CTE adherence factor of 0.04 mg/cm^2 is the geometric mean of children playing with dry soil. The RME adherence factor of 0.2 mg/cm^2 for a child resident represents the high end (95th percentile) of a typical soil contact activity (children playing at a day care center) and the central tendency estimate (50th percentile) of a high-end soil contact activity (children playing with wet soil). For adults, the CTE adherence factor of 0.01 mg/cm^2 represents the geometric mean adherence factor for a low-end soil contact activity (grounds keepers). The RME adherence factor of 0.07 mg/cm^2 is based on the 50th percentile of a high-end soil contact activity (gardening) (USEPA 2004a).

Dermal Absorption Fraction. USEPA (2004a) recommended default values are available for 2 of the 11 COPCs (arsenic and cadmium). The values used in the risk assessment were 0.03 for arsenic and 0.001 for cadmium (USEPA 2004a).

5.1.2.3 Selection of Exposure Points

An exposure point (also referred to as an exposure unit or exposure area) is an area where a human receptor is likely to be exposed to a contaminated environmental medium. A key feature of an exposure point is that a receptor is assumed to move about within the exposure point at random.

Selection of the bounds of an exposure point is based mainly on a consideration of the likely activity patterns of the exposed receptors. For exposure of residents to outdoor soil, it is expected that most contact will occur when a resident is working or playing in their own yard. Likewise, exposure to indoor dust is expected to occur mainly within the home of the resident. For these reasons, the exposure point selected for evaluation of residents is the property where the resident lives.

5.1.2.4 Exposure Point Concentrations

Because of the assumption of random exposure over an exposure area, risk from a chemical is related to the arithmetic mean concentration of that chemical averaged over the entire exposure area. Since the true arithmetic mean concentration cannot be calculated with certainty from a limited number of measurements, the USEPA recommends that the upper confidence limit (UCL) of the arithmetic mean at each exposure point be used when calculating exposure and risk at that location (USEPA 1992a). The approach that is most appropriate for computing the UCL of a data set depends on a number of factors, including the number of data points available, the shape of the distribution of the values, and the degree of censoring (i.e., samples below the detection limit) (USEPA 2002b). To facilitate this process, the USEPA has developed a specialized software package (ProUCL v4.0) that calculates UCLs for a data set using several different strategies and recommends which UCL is considered preferable based on the properties of the data set (USEPA 2007c).

Exposure Point Concentrations for Soil

At this site, reliable data for all non-lead COPCs except zinc in soil are restricted to measurements performed by ICP (see Section 2.12.2). Because ICP measurements were performed on only about 5% of all soil samples, many properties have no reliable measurements, and when a value is available, there is usually only one (maximum = 2) per property. Because it is not possible to compute a reliable UCL with only one or two samples, the maximum concentration value for each property was used as the exposure point concentration.

For zinc, because reliable XRF data are available in addition to the ICP data, there are usually 4-6 measurements of soil per property. While ProUCL can compute a UCL based on 4-6 samples, it is generally recognized that a UCL based on a sample set of this relatively small size is statistically unstable, and it is expected that the majority of UCL values would exceed the maximum detected value. For this reason, the exposure point concentration for zinc was also based on the maximum concentration at each property.

For chromium, toxicity depends upon valence state (Cr^{+3} vs. Cr^{+6}), but data are available only for total chromium (Cr^{+3} + Cr^{+6}) in soil. Based on data on chromium speciation in soil summarized in ATSDR (2000), USEPA (1998c) and USEPA (1998d), the fraction of total chromium in each valence state in soil was estimated to be 86% for Cr^{+3} and 14% for Cr^{+6}.

Exposure Point Concentrations for Indoor Dust

The relationship between outdoor soil and indoor dust for a number of non-lead analytes is summarized in Appendix I. As indicated, indoor dust concentrations tend to be lower than outdoor soil for some analytes (e.g., arsenic), but for many analytes the concentration in indoor

dust is similar to or sometimes even higher than outdoor soil. Based on this, the EPC for indoor dust was assumed to be equal to the EPC for outdoor soil for all non-lead COPCs.

Detailed Calculations

Detailed exposure point concentrations for all non-lead COPCs are provided in Appendix G.

5.1.2.5 Exposure Calculations

Detailed exposure calculations are provided in Appendix H.

5.2 Toxicity Assessment

The objective of a toxicity assessment is to identify what adverse health effects a chemical may cause, and how the appearance of these adverse effects depends upon the level of exposure, the route of exposure (ingestion, inhalation, dermal contact, etc.) and the duration of exposure (subchronic, chronic, or lifetime).

5.2.1 Basic Methods

The toxicity assessment process is usually divided into two parts: the first characterizes and quantifies the adverse non-cancer effects that may be associated with exposure to the chemical, while the second addresses the excess cancer risk that may be associated with exposure to the chemical. This two-part approach is employed because there are typically major differences in the time-course of action and the shape of the dose-response curve for cancer and for adverse non-cancer effects.

Non-Cancer Effects

Essentially all chemicals can cause adverse health effects if given at a high enough dose. However, when the dose is sufficiently low, typically no adverse effect is observed. Thus, in characterizing the adverse non-cancer effects of a chemical, the key parameter is the threshold dose at which an adverse effect first becomes evident.

The threshold dose is typically estimated from toxicological data (derived from studies of humans and/or animals) by finding the highest dose that does not produce an observable adverse effect, and the lowest dose which does produce an adverse effect. These are referred to as the "No-observed-adverse-effect-level" (NOAEL) and the "Lowest-observed-adverse-effect-level" (LOAEL), respectively. The threshold is presumed to lie in the interval between the NOAEL and the LOAEL. However, in order to be conservative (protective), non-cancer risk evaluations are not based directly on the threshold exposure level, but on a value referred to as the Reference Dose (RfD). The RfD is an estimate (with uncertainty spanning perhaps an order of magnitude)

of a daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk of deleterious effects during a lifetime.

The RfD is derived from the NOAEL, LOAEL or threshold dose by dividing by one or more uncertainty and/or modifying factors to account for limitations in the data used. Each uncertainty and/or modifying factor is normally 3 to 10, and the combined product can be quite large (up to 3,000) if the data are limited. If the data are from high quality studies in humans, the factor may be as small as 1.0.

The effect of dividing the NOAEL, LOAEL, or threshold by these uncertainty/modifying factors is to ensure that the RfD is not higher than the true (but uncertain) threshold level for adverse non-cancer effects. Thus, there is always a "margin of safety" built into an RfD, and doses equal to or less than the RfD are not likely to be associated with adverse effects. Doses higher than the RfD may carry some risk, but because of the margin of safety, an intake or dose above the RfD does not mean that an effect will necessarily occur.

Cancer Effects

For cancer or carcinogenic effects, the toxicity assessment process has two components. The first is a qualitative evaluation of the weight of evidence (WOE) that the chemical does or does not cause cancer in humans. In the past, this evaluation was performed by the using the system summarized below (USEPA 1986):

WOE Group	Meaning	Description
A	Known human carcinogen	Sufficient evidence of cancer in humans.
B1	Probable human carcinogen	Suggestive evidence of cancer incidence in humans.
B2	Probable human carcinogen	Sufficient evidence of cancer in animals, but lack of data or insufficient data in humans.
C	Possible human carcinogen	Suggestive evidence of carcinogenicity in animals.
D	Cannot be evaluated	No evidence or inadequate evidence of cancer in animals or humans.
E	Not carcinogenic to humans	Strong evidence that it does not cause cancer in humans.

More recently, USEPA has revised the weight of evidence descriptions and its approach for evaluating the carcinogenic potential of environmental contaminants (USEPA 2005b). However, because EPA has not yet applied this new procedure to all carcinogenic chemicals, the new procedure was not used in this risk assessment.

For chemicals which are classified using the 1986 guidelines in Group A, B1, B2, or C, the second part of the toxicity assessment is to describe the carcinogenic potency of the chemical. This is done by quantifying how the number of cancers observed in exposed animals or humans increases as the dose increases. Typically, it is assumed that the dose-response curve for cancer has no threshold, and is linear in the low dose range. Thus, the most convenient descriptor of cancer potency is the slope of the dose-response curve at low doses. This is referred to as the Slope Factor (SF). The units of SF are risk of cancer per unit dose [$(mg/kg\text{-}d)^{-1}$].

Estimating the cancer SF is often complicated by the fact that observable increases in cancer incidence usually occur only at relatively high doses, frequently in a part of the dose-response curve that is no longer linear. Thus, it is necessary to use mathematical models to extrapolate from the observed high dose data to the desired (but unmeasurable) slope at low dose. In order to account for the uncertainty in this extrapolation process, USEPA typically chooses to employ the upper 95th confidence limit of the slope as the Slope Factor. That is, there is a 95 percent probability that the true SF is lower than the value chosen as an estimate of the SF. This approach helps ensure that cancer risk estimates are unlikely to underestimate true excess cancer risk.

5.2.2 Toxicity Values

Toxicity values (RfD and SF values) are often estimated by a number of different groups or agencies. USEPA (2003b) identifies a recommended hierarchy for selecting toxicity values for use in human health risk assessment at Superfund sites. The first preference is for USEPA consensus values listed in the Integrated Risk Information System (IRIS), an electronic database containing human health assessments for various chemicals (available online at http://www.epa.gov/iris/). If values are not available from IRIS, the next preference is to seek Provisional Peer Reviewed Toxicity Values for Superfund (PPRTVs) developed by USEPA's Superfund Health Risk Technical Support Center (STSC). If PPRTVs are not available, toxicity values may be obtained from other sources, such as the Agency for Toxic Substances and Disease Registry's (ATSDR) Minimal Risk Levels (MRLs) (available online at http://www.atsdr.cdc.gov/mrls.html), California EPA's Toxicity Criteria Database (available online at http://www.oehha.ca.gov/risk/ChemicalDB/index.asp), and USEPA's Health Effects Assessment Summary Tables (HEAST) (USEPA 1997b). Most of these values are also compiled in the Regional Screening Level Tables developed and maintained by USEPA (USEPA 2008c).

Table 5-2 summarizes the toxicity values used for quantitative evaluation of human health risks from COPCs at this site. Values were selected in accordance with USEPA (2003b). Points to note regarding the data in this table are listed below:

- Two oral RfD values are available for cadmium, depending on exposure medium (water, food). The value for food is assumed to apply to soil.

- The RfD for manganese (0.023 mg/kg-day) is based on the oral RfD of 1.4E-01 mg/kg-day in the diet. In accord with recommendations in IRIS, this value is adjusted by dividing by a Modifying Factor of 3 for application to exposure from soil.

- The RfD for thallium (6.5E-05 mg/kg-day) is based on the oral RfD for thallium sulfate of 8E-05 mg/kg-day. As recommended by USEPA (2008c), this value is adjusted to factor out the molecular weight of the sulfate ion by multiplying by the percent thallium in thallium sulfate (81%).

- The RfD for vanadium (5E-03 mg/kg-day) is based on the oral RfD for vanadium pentoxide of 9E-03 mg/kg-day. As recommended by USEPA (2008c), this value is adjusted to factor out the molecular weight of the oxide ion by multiplying by the percent vanadium in vanadium pentoxide (56%).

5.2.3 Adjustments for Relative Bioavailability

As discussed above for lead, accurate assessment of human exposure to metals in soil and dust requires knowledge of the amount of metal absorbed into the organism following contact with a contaminated medium.

No site-specific data were available on the relative bioavailability of any non-lead COPCs in soil or dust. In the absence of site-specific data, the RBA for all non-lead chemicals in all media was assumed to be 1.0 (USEPA 1989a). This is expected to be a conservative (health-protective) assumption, tending to overestimate the true degree of absorption and risk.

5.2.4 Adjustments for Evaluating Dermal Exposures

In the absence of dermal toxicity factors, USEPA (1989a, 2004a) recommends that dermal toxicity factors be estimated by extrapolation from oral toxicity factors. Because dermal exposures are expressed in terms of absorbed dose, while oral exposures are expressed in terms of ingested dose, this requires an adjustment of each oral toxicity factor as follows:

$$SF_{ABS} = SFo / ABS_{GI}$$
$$RfD_{ABS} = RfD_o * ABS_{GI}$$

where:

SF_o	=	Oral slope factor based on ingested dose $(mg/kg\text{-}day)^{-1}$
SF_{ABS}	=	Dermal slope factor based on absorbed dose $(mg/kg\text{-}day)^{-1}$
RfD_o	=	Oral reference dose based in ingested dose (mg/kg-day)
RfD_{ABS}	=	Dermal reference dose based on absorbed dose (mg/kg-day)
ABS_{GI}	=	Fraction of contaminant absorbed in gastrointestinal tract (dimensionless) in the critical toxicity study

USEPA (2004a) provides recommended ABS_{GI} values for a number of chemicals, and these values were used when available. In accord with USEPA (2004a) guidance, if no ABS_{GI} value was recommended, a factor of 1.0 was used. Table 5-2 presents the dermal toxicity values (SF_{ABS} and RfD_{ABS}) used in the risk assessment and the values used in their derivation.

5.3 Risk Characterization

5.3.1 Basic Methods

Non-Cancer Effects

The potential for adverse non-cancer effects is evaluated by comparing the estimated average daily intake of the chemical over a specific time period with the RfD for that chemical derived for a similar exposed period. This comparison results in a non-cancer Hazard Quotient (HQ), as follows (USEPA 1989a):

$$HQ = DI / RfD$$

where:

HQ	=	Hazard Quotient
DI	=	Daily Intake (mg/kg-day)
RfD	=	Reference Dose (mg/kg-day)

If the HQ for a chemical is equal to or less than 1 (1E+00), it is believed that there is no appreciable risk that non-cancer health effects will occur. If an HQ exceeds 1E+00, there is some possibility that non-cancer effects may occur, although an HQ above 1E+00 does not indicate an effect will definitely occur. This is because of the margin of safety inherent in the derivation of all RfD values. However, the larger the HQ value, the more likely it is that an adverse effect may occur.

If an individual is exposed to more than one chemical, a screening-level estimate of the total non-cancer risk is derived simply by summing the HQ values for that individual. This total is

referred to as the Hazard Index (HI). If the HI value is less than 1E+00, non-cancer risks are not expected from any chemical, alone or in combination with others. If the screening level HI exceeds 1E+00, it may be appropriate to perform a follow-on evaluation in which HQ values are added only if they affect the same target tissue or organ system (e.g., the liver). This is because chemicals which do not cause toxicity in the same tissues are not likely to cause additive effects.

Cancer Effects

The excess risk of cancer from exposure to a site-related chemical is described in terms of the probability that an exposed individual will develop cancer because of that exposure. For each chemical of concern, this value is calculated from the daily average intake of the chemical from the site, averaged over a lifetime (DI_L), and the slope factor (SF) for the chemical, as follows (USEPA 1989a):

$$\text{Excess Cancer Risk} = 1 - \exp(-DI_L * SF)$$

In most cases (except when the product of $DI_L \cdot SF$ is larger than about 0.01), this equation may be accurately approximated by the following:

$$\text{Excess Cancer Risk} = DI_L * SF$$

Excess cancer risks are summed across all chemicals of concern and all exposure pathways that contribute to exposure of an individual in a given population.

The level of total cancer risk that is of concern is a matter of personal, community, and regulatory judgment. In general, the USEPA considers excess cancer risks that are below about 1E-06 to be so small as to be negligible, and risks above 1E-04 to be sufficiently large that some sort of response action is desirable. Excess cancer risks that range between 1E-04 and 1E-06 are generally considered to be acceptable (USEPA 1991b), although this is evaluated on a case by case basis, and USEPA may determine that risks lower than 1E-04 are not sufficiently protective and warrant remedial action.

5.3.2 Results: Estimated Risks to Residents from Non-Lead COPCs

Detailed cancer and non-cancer risk calculations for non-lead COPCs are provided in Appendix H, and the results are summarized in Tables 5-3 to 5-6. All results are expressed to one significant figure (USEPA 1989a). As mentioned above, not all of the 13 non-lead COPCs were analyzed in every soil sample, so risk estimates are not available for every COPC at every residential property.

Estimated Excess Cancer Risks

The only COPC at this site that is carcinogenic by the oral or dermal route is arsenic. Table 5-3 presents a summary of the excess cancer risk estimates for CTE and RME residents from exposure to arsenic in soil, including both the ingestion and dermal pathways. As seen, estimated excess cancer risks to CTE residents are within USEPA's target risk range (1E-06 to 1E-04) at all properties. Estimated risks to RME residents are also within USEPA's target risk range at most properties, although risks exceed 1E-04 at 141 locations (5% of the properties with data). The estimated excess lifetime cancer risks at these 141 properties range from 2E-04 to 1E-03.

Estimated Non-Cancer Risks

Evaluation of Risk By Chemical

Table 5-4 shows the chemical-specific non-cancer Hazard Quotients (HQs) for residential CTE (Panel A) and RME (Panel B) scenarios, including both children (age 0-6 years) and adults (age 7-30 years). As shown, HQs for most COPCs detected in surface soil are less than 1 for all receptors (CTE and RME children and adults). An exception is arsenic, which results in an HQ > 1 for a RME child at about 10% of the properties. Some HQ values greater than 1 also occur for antimony, mercury, and/or thallium, although the frequency is quite low (< 0.6% of the properties). Maximum HQ values are summarized below:

COPC	Maximum HQ			
	CTE Child	RME Child	CTE Adult	RME Adult
Antimony	0.9	**2**	0.09	0.3
Arsenic	**8**	**24**	0.8	**3**
Mercury	**6**	**17**	0.6	**2**
Thallium	**4**	**11**	0.4	1

Screening-Level Evaluation of Combined Non-Cancer Risk

To evaluate the potential additive non-cancer effects of exposure to more than one non-lead COPC in soil, the chemical-specific non-cancer HQs were summed to estimate the total non-cancer HI for each property. Based on data availability, the number of COPC HQs included in the HI calculations for each property varied from 7 to 13. The results are detailed in Appendix H and are summarized in Table 5-5. For a CTE child, screening-level HI values are below 1 at most (96-97%) of all properties. However, for an RME child, screening-level HIs exceed 1 at 11-97% of all locations, depending on the number of COPCs for which data are available. These risks are attributed primarily to the ingestion of arsenic in surface soil and from the ingestion of thallium in surface soil at a few locations. For adults, screening-level HIs values are below 1 at

all locations for CTE receptors, and at most locations (>99%) for RME receptors. This exceedance is due mainly to the ingestion of arsenic.

Organ-Specific Combined Non-Cancer Risk

It is important to recognize that HI estimates derived by summing HQs across all chemicals is a screening-level approach that tends to overestimate the potential of adverse non-cancer effects that may be occurring. This is because not all chemicals act on the same target tissues or through the same mode of action, so not all HQ values are actually additive.

Therefore, in cases where screening-level HI values exceed 1E+00, it is appropriate to segregate HQ values according to target organ, and compute organ-specific HI values (USEPA 1989a).

Table 5-6 presents target organ-specific HI values based on the critical target organs identified in Table 5-2. As seen, for most of the target organs evaluated (nervous system, kidney, GI tract, blood, thyroid), estimated HIs do not exceed 1 for any receptor (CTE and RME children and adults). However, estimated HI values exceed 1 at a small number of locations (<1% of the total) for effects on liver, and at up to 10% of the properties for effects on skin. These risks are due to the ingestion of arsenic in soil.

Summary of Risks from Non-Lead COPCs

Based on the evaluations described above, the frequency of properties with chemical-specific HQ values or organ-specific HI values above 1E+00 is very low except for arsenic. At some properties, the concentrations of arsenic are sufficient that, if the soil is ingested by children and/or adults over a long period of time, the excess cancer risk and potential for adverse non-cancer effects would be higher than normally considered acceptable by EPA.

5.4 Uncertainty Assessment

Quantitative evaluation of the risks to humans from environmental contamination is frequently limited by uncertainty regarding a number of key data items, including concentration levels in the environment, the true level of human contact with contaminated media, the true absorption of contaminants from environmental media, and the true dose-response curves for adverse non-cancer and cancer effects in humans. This uncertainty is usually addressed by making assumptions or estimates for uncertain parameters based on whatever limited data are available. Because of these assumptions and estimates, the results of risk calculations are themselves uncertain, and it is important for risk managers and the public to keep this in mind when interpreting the results of a risk assessment. The following sections review the main sources of uncertainty in the risk calculations performed at this site.

5.4.1 Uncertainties in Exposure Assessment

As described above, the risk assessment process begins with estimation of human exposure to potentially toxic chemicals in environmental media. There are multiple sources of uncertainty in these exposure estimates, as discussed below.

Uncertainties from Exposure Pathways Not Evaluated

As discussed in Section 3, humans may be exposed to site-related chemicals by a number of pathways, but not all of these pathways were evaluated quantitatively in this risk assessment. For example, at this site, inhalation of dust in air and ingestion of contaminants taken up from soil into home-grown garden vegetables were not included in this risk assessment.

In the case of inhalation of dust in air, omission of this pathway will result in a small underestimation of exposure and risk, but the magnitude of this underestimation is not expected to be significant. This is because the amount of soil inhaled from air is much smaller than the amount ingested.

With regard to exposure from home-grown vegetables, data are available that show that lead and cadmium are taken up from soils into vegetables (Hemphill *et al.* 1973, Finster *et al.* 2003, Samsoe-Peterson *et al.* 2002). However, risk assessments at other mining, milling and smelting sites indicate that exposure from ingestion of washed garden vegetables is likely to be a minor source of exposure compared with direct ingestion of soil. For example, a 1995 study at the Kennecott Mining site found no significant uptake of lead and arsenic into fruit or leafy and root vegetables (Life Systems 1995). At the Murray Smelter site in Utah, estimated exposure to arsenic from leafy and root vegetables, legumes, and garden fruits was two orders of magnitude less than that from soil and indoor dust (Weston 1997). Additionally, there was no statistically significant relationship between the concentration of lead in garden soil and the concentration of lead in garden vegetables collected at the Vasquez Boulevard and Interstate 70 Site in Colorado (USEPA 2001d). Based on this, it is concluded that omission of the home grown garden vegetable pathway is not likely to result in a significant underestimation of exposure and risk from metal contaminants in soil.

Uncertainties From Chemicals Not Evaluated

As discussed in Section 3.3, exposure and risk were quantified only for a selected subset (the COPCs) of chemicals detected in environmental media. In most cases, omission of other (non-COPC) chemicals is likely to be a minor source of uncertainty because the highest level of the chemical detected did not exceed a level of potential concern. For chemicals for which toxicity data are not available, (e.g., bismuth), omission of the chemical may tend to underestimate total risk, but it is not possible to estimate the magnitude of the risk.

Uncertainties in Exposure Point Concentrations

In all exposure calculations, the desired input parameter is the true arithmetic mean concentration of a contaminant within a medium, averaged over the area where random exposure occurs (the exposure point). However, because the true mean can not be calculated based on a limited set of measurements, the USEPA (1989a, 1992a) recommends that the exposure estimate for non-lead COPCs be based on the upper confidence limit (UCL) of the mean. If the UCL exceeds the maximum value, the maximum value is used.

At this site, data from only 1-2 samples were available for most non-lead COPCs in surface soil at residential properties, except for zinc, which usually had 4-6 soil samples per property. Because of these small data sizes, the maximum concentration was used as the EPC for soil in all cases. Use of the maximum value to characterize risk at a residence will usually tend to overestimate risk. However, when the data set is small (1-2 samples) the maximum value may not exceed the true mean, and risks might be underestimated in some cases.

For exposure to non-lead COPCs in dust, the concentration at each home was assumed to be equal to the concentration in outdoor soil at that home. This approach may tend to be conservative in some cases (e.g., arsenic; see Appendix I), but may be approximately correct for a number of other COPCs.

Uncertainties in Human Exposure Parameters

Accurate calculation of risk values requires accurate estimates of the level of human exposure that is occurring now or may occur in the future. The exposure parameters used in this risk assessment are all default values recommended for use by USEPA at residential locations. In general, these exposure parameters are based on national data and are usually chosen in a way that was intended to be conservative or health-protective. Therefore, the values selected are thought to more likely overestimate than underestimate actual exposure and risk.

Uncertainties in Chemical Absorption (RBA)

The risk from an ingested chemical depends on how much of the ingested chemical is absorbed from the gastrointestinal tract into the body. This issue is especially important for metals in soil, because some of the metals may exist in poorly absorbable forms, and failure to account for this may result in a substantial overestimation of exposure and risk.

In the absence of data for non-lead COPCs, the approach followed in this document is to assume that the RBA is 100%. Use of this default assumption is likely to overestimate the true risk, with the magnitude of the error depending on the true RBA value. For example, studies at other sites (Weston 1997, USEPA 2001d) suggest the RBA for arsenic in soil is often about 20-40% when measured in young swine. Similarly, the RBA of arsenic in 14 soil samples from 12 different

sites ranged from 0.05 to 0.31 (5-31%) when measured in monkeys (Roberts *et al.* 2007). Assuming the RBA of arsenic in soil at this site might be in the range of 10-30%, the calculations presented in this assessment could be overestimating both the estimated excess cancer risk and the potential for adverse non-cancer effects by a factor of 3-10.

5.4.2 Uncertainties in Toxicity Values

Toxicity information for many chemicals is limited or lacking, and uncertainty in toxicity factors is one of the largest sources of uncertainty in risk estimates at a site. For example, uncertainties can arise from extrapolation from animal studies to humans, extrapolation from high dose to low dose, and extrapolation from continuous exposure to intermittent exposure. In addition, in some cases, only a few studies are available to characterize the toxicity of a chemical, and uncertainties exist not only in the dose-response curve, but also in the nature and severity of the adverse effects which the chemical may cause.

For adverse non-cancer effects, USEPA typically deals with this uncertainty by applying an uncertainty factor to account for limitations in the database. For carcinogens, this is accounted for by using the upper bound on the slope factor. Because the USEPA seeks to be conservative in the development of both cancer and non-cancer toxicity values, risk estimates based on these values are more likely to be high than low.

In this document, adverse non-cancer risks to child residents were quantified using chronic oral RfDs. This is conservative because the exposure duration of a child resident (6 years) is considered a subchronic exposure. Thus, using chronic RfDs to evaluate subchronic exposures may tend to overestimate adverse non-cancer risks to child residents for some COPCs.

5.4.3 Uncertainties in Risk Characterization

A number of uncertainties occur in the risk characterization approach for adverse non-cancer health effects and excess cancer risk.

First, because adverse non-cancer effects and excess cancer risk estimates for a chemical are derived by combining uncertain estimates of exposure and toxicity (see above), the risk estimates for each chemical are more uncertain than either the exposure estimate or the toxicity estimate alone. However, even if the risk estimates for individual chemicals were quite certain, there is considerable uncertainty in how to combine risk estimates for different chemicals. In some cases, the effects caused by one chemical do not influence the effects caused by other chemicals. In other cases, the effects of one chemical may interact with effects of other chemicals, causing responses that are greater than additive (synergistic), or less than additive (antagonistic). In most cases, available toxicity data are not sufficient to define what type of interaction is expected. In the absence of chemical-specific information to the contrary, USEPA generally assumes that non-cancer risks are additive if the chemicals act on the same target tissue, while cancer risks are

additive regardless of the target tissue. Because documented cases of significant synergistic or antagonistic interactions between chemicals are relatively uncommon, this approach is likely to be reasonable for most chemicals.

6.0 REFERENCES

American Conference of Governmental Industrial Hygienists, Inc. (ACGIH). 1995. Lead, inorganic dust and fumes. Recommended BEI (7/24/95 draft).

Agency of Toxic Substances and Disease Registry (ATSDR). 2000. U.S. Department of Health and Human Services, Public Health Service. September.

Black and Veatch. 2001. Final Preliminary Assessment/Site Inspection Report. Omaha Lead. Omaha, Nebraska. August.

Black and Veatch. 2004. Remedial Investigation/Feasibility Study Field Sampling Plan Addendum. Omaha Lead Refining Site. Omaha, Nebraska. January.

Black and Veatch. 2007. Field Sampling Plan for the Omaha Lead OU2. Omaha Nebraska. June 27.

Black and Veatch. 2008a. Transmittal of Results for Soil, Indoor Dust and Tap Water Results Collected at the Omaha Lead Site. February.

Black and Veatch. 2008b. Transmittal of Second Potable Water Results for BVID 29349. July.

Black and Veatch. 2009. Final Remedial Investigation Report, Omaha Lead Site, Omaha Nebraska. Prepared by Black & Veatch Special Projects Corp. February 2009.

Casteel S.W., Evans T.J., Brattin W.J. and Wahlquist A.M. 2004. Relative Bioavailability of Lead in Test Materials from a Superfund Site in Omaha, Nebraska. January.

CDC. 1991. Preventing Lead Poisoning in Young Children. A Statement by the Centers of Disease Control - October. U.S. Department of Health and Human Services. Public Health Service.

CDC. 1997. National Health and Nutrition Examination Survey, III 1988-1994. CD-ROM Series 11, No. 1. July.

CDC. 2005. Preventing Lead Poisoning in Young Children. A Statement from the Centers for Disease Control and Prevention. U.S Department of Health and Human Services, Centers for Disease Control and Prevention, Atlanta. August.

Drexler, J.W. 2004. Laboratory Report: Results and QA/QC for In Vitro Bioassay Results using the Relative Bioavailability Leaching Procedure. Omaha Lead Site.

Drexler, J.W. 2008a. Personal Communication with W. Brattin. May, 2208.

Drexler, J.W. 2008b. Transmittal of In Vitro Bioaccessibility (IVBA) Results for Indoor Dust Samples Collected at the Omaha Lead Site. July.

Finster M.E., Gray K.A., and Binns H.J. 2003. Lead Levels of Edibles Grown in Contaminated Residential Soils: A Field Survey. Science of the Total Environment. 320(2-3): 245-257. http://www.science direct.com

Food and Drug Administration (FDA). 2006. Total Diet Study. U.S. Food and Drug Administration Center for Food Safety and Applied Nutrition Office of Plant and Dairy Foods and Beverages. August.

Gilbert, R.O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold. 1987.

Hemphill, D.L., Marienfeld, C.J., Reddy, R.S., Heidlage, W.D., and Pierce, J.O. 1973. Toxic Heavy Metals in Vegetables and Forage Grasses in Missouri's Lead Belt. Journal of the AOAC. 56(4): 994-997.

IARC. 2005. Inorganic and organic lead compounds. Lyon, France: International Agency for Research of Cancer. (IARC monographs on the evaluation of the carcinogenic risk of chemicals to humans: volume 87: in preparation).

Jacob Federal Operations (Jacob). 2000. Background Summary Report, Omaha Lead Refining Site. Omaha, Douglas County, Nebraska. January.

Life Systems. 1995. Uptake of Lead and Arsenic by Garden Vegetables (Study Report for the Kennecott Site, Salt Lake County, Utah). February.

NTP. 2003. Report on carcinogens background document for lead and lead compounds. Research Triangle Park, NC: U.S. Department of Health and Human Services. http://ntp.niehs.nih.gov/ntp/newhomeroc/roc11/Lead-Public.pdf. Accessed September 17.

NTP. 2004. Lead (CAS no. 7439-92-1) and lead compounds. In: Report on carcinogens, eleventh edition. Research Triangle Park, NC: U.S. Department of Health and Human Services. Available: http://ntp.niehs.nih.gov/ntp/roc/eleventh/profiles/s101lead.pdf. Accessed September 17.

Nebraska Health and Human Services System (NHHSS). 2004. Baseline Human Health Risk Assessment, Omaha Lead Superfund Site. June.

Roberts S.M., Munson J.W., Lowney Y.W., Ruby M.V. 2007. Relative Oral Bioavailability of Arsenic from Contaminated Soils Measured in the Cynomolgus Monkey. Toxicological Sciences. 95(1): 281-288.

Samsoe-Petersen L., Larsen P.B., Bruun P. 2002. Uptake of Trace Elements and PAHs by Fruit and Vegetables from Contaminated Soils. Environmental Science and Technology. 36:3057-3063.

USEPA. 1986. Air Quality Criteria for Lead. June, 1986, and Addendum. U.S. Environmental Protection Agency, Office of Health and Environmental Assessment. Research Triangle Park, NC. September. EPA 600/8-83-028F.

USEPA. 1989a. Risk Assessment Guidance for Superfund. Volume I. Human Health Evaluation Manual (Part A). U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. EPA/540/1-89/002.

USEPA. 1989b. Evaluation of the Potential Carcinogenicity of Lead and Lead Compounds. U.S. Environmental Protection Agency, Office of Health and Environmental Assessment. Washington, DC. EPA/60/8-89/045A.

USEPA. 1991a. Human Health Evaluation Manual, Supplemental Guidance: "Standard Default Exposure Factors." U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. OSWER Directive 9285.6-03.

USEPA. 1991b. Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. OSWER Directive 9355.0-30.

USEPA. 1992a. Supplemental Guidance to RAGS: Calculating the Concentration Term. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. Publication 9285.7-081.

USEPA. 1992b. Guidance for Data Useability in Risk Assessment (Part A). Final. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. Publication 9285.7-09A.

USEPA. 1994a. Guidance Manual for the Integrated Exposure Uptake Biokinetic Model for Lead in Children. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. Publication Number 9285.7-15-1. EPA/540/R-93/081.

USEPA. 1994b. Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. OSWER Directive 9355.4-12. August.

USEPA. 1997a. Exposure Factors Handbook, Volumes I, II, and III. U.S. Environmental Protection Agency, Office of Research and Development. Washington, DC. EPA/600/P-95/002Fa.

USEPA 1997b. Health Effects Assessment Summary Tables. FY 1997 Update. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, D.C. EPA-540-R-97-036. July.

USEPA. 1998a. Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. OSWER Directive 9200.4-27. EPA/540-F98/030. August.

USEPA. 1998b. IEUBK Model Mass Fraction of Soil in Indoor Dust (M_{sd}) Variable. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. OSWER Directive 9285.7-34, EPA/540/F-00/008. June.

USEPA. 1998c. Toxicological Review of Trivalent Chromium in Support of Summary Information on the Integrated Risk Information System (IRIS). August.

USEPA. 1998d. Toxicological Review of Hexavalent Chromium In Support of Summary Information on the Integrated Risk Information System (IRIS). August.

USEPA. 1999. Action Memorandum for the Omaha Lead Site. U.S. Environmental Protection Agency, Region 7. Kansas City, KS. August.

USEPA. 2001a. Risk Assessment Guidance for Superfund: Volume I Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments). Final. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. Publication 9285.7-47.

USEPA. 2001b. Request for Ceiling Increase and Change in Scope of the Time-Critical Removal Action at the Omaha Lead Site, Omaha, Nebraska and Council Bluffs, Iowa. U.S. Environmental Protection Agency, Region 7. Kansas City, KS. August.

USEPA. 2001c. User's Guide for the Integrated Exposure Uptake Biokinetic Model for Lead in Children (IEUBK) Windows version. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. OSWER 9285.7-42. October.

USEPA. 2001d. Baseline Human Health Risk Assessment Vasquez Boulevard and I-70 Superfund Site, Operable Unit 1, Denver, Colorado. U.S. Environmental Protection Agency, Region 8. Denver, CO. August, reissued December.

USEPA. 2002a. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. OSWER 9355.4-24. December.

USEPA. 2002b. Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. OSWER 9285.6-10. December.

USEPA. 2002c. Request for a Time-Critical Removal Action at the Omaha Lead Site, Omaha, Nebraska and Council Bluffs and Carter Lake, Iowa. U.S. Environmental Protection Agency, Region 7. Kansas City, Kansas. August.

USEPA. 2002d. Final Baseline Human Health Risk Assessment for the Eureka Mills Site, Eureka, Utah. September.

USEPA. 2003a. Request a Change in the Scope of Work for Time-Critical Removal Action at the Omaha Lead Site, Omaha, Nebraska and Council Bluffs, Iowa. U.S. Environmental Protection Agency, Region 7. Kansas City, Kansas. November.

USEPA. 2003b. Human Health Toxicity Values in Superfund Risk Assessments. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. OSWER Directive 9285.7-53. December.

USEPA. 2003c. Superfund Lead-Contaminated Residential Sites Handbook. U.S. Environmental protection Agency, Office of Emergency and Remedial Response, Lead Sites Workgroup. OSWER 9285.7-50. August 2003.

USEPA. 2004a. Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) Final. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. Washington, DC. EPA/540/R/99/005. July.

USEPA. 2005a. Interim Record of Decision for the Omaha Lead Site OU1. Omaha, Nebraska. U.S. Environmental Protection Agency, Region 7. Kansas City, Kansas. EPA/ROD/R07-05/053. December.

USEPA. 2005b. Guidelines for Carcinogenic Risk Assessment. U.S. Environmental Protection Agency, Office of Research and Development. Washington, DC. EPA/630/P-03/001F. March.

USEPA. 2006. Air Quality Criteria for Lead. National Center for Environmental Assessment-RTP Division. U.S. Environmental Protection Agency, Office of Research and Development. Research Triangle Park, NC. EPA/600/R-5/144aF. November.

USEPA. 2007a. Review of the National Ambient Air Quality Standards for Lead: Policy Assessment of Scientific and Technical Information. OAQPS Staff Paper. U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. Research Triangle Park, NC. EPA-452/R-07-013. November.

USEPA. 2007b. Estimation of Relative Bioavailability of Lead in Soil and Soil-Like Material Using *In Vivo* and *In Vitro* Methods. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. OSWER 9285.7-77. June.

USEPA. 2007c. ProUCL Version 4.0 User Guide. U.S. Environmental Protection Agency, Office of Research and Development. Las Vegas, NV. EPA/600/R-07/038. April.

USEPA. 2008a. Frequent Questions from Risk Assessors on the IEUBK model. Using newer lead in food data from the Food and Drug Administration (FDA) total diet study. http://www.epa.gov/superfund/programs/lead/ieubkfaq.htm#food%20data. Last updated April 19.

USEPA. 2008b. Air Quality System Database (AQS). http://www.epa.gov/air/data/index.html . (Accessed July 2008).

USEPA 2008c. Regional Screening Level Tables. Residential Soil Screening Level Table (*ressoil_sl_table_run_12SEP2008.xls)*. http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm (accessed September 2008).

USEPA 2008d. Integrated Risk Information System. Lead and Compounds (Inorganic). CARM 7439-92-1. Accessed online at: http://www.epa.gov/ncea/iris/subst/0277.htm. October.
Weston. 1995. Baseline Human Health Risk Assessment for the California Gulch Superfund Site, Leadville, Colorado. Part A – Risks to Residents from Lead. Public Review Draft. November.

Weston. 1997. Baseline Human Health Risk Assessment for the Murray Smelter Superfund Site Site-Wide Evaluation. Prepared for USEPA. May.

TABLE 2-1. RESIDENTIAL-TYPE PROPERTIES IN THE FINAL FOCUS AREA

CURRENT LAND USE		NUMBER OF PROPERTIES
RESIDENTIAL[1]	single family	32,121
	multi-family	3,172
VACANT LOTS		4,012
RESIDENTIAL AND VACANT LOTS		**39,305**

[1] Includes child-care facilities.

Table 2-2. Summary of Available Soil Data

Investigation	Date	Medium	Sample Description	Analytes
PA/SI (Black and Veatch 2001)	1998 - April 2001	Surface Soil	Five-point composite samples from yards, gardens, play areas and drip zones; collected from 0-1 inches bgs and sieved through number 10 (2 mm) or number 60 (250 um) mesh sieve. Composite drip zone sample, consisting of four aliquots (one from each side of the house), collected from 0-6 inches bgs and sieved through number 10 (2 mm) mesh sieve.	XRF: XRF metals ICP: TAL metals
		Subsurface Soil	Grab samples collected at every other property along the North/South/East/West sampling corridors at depths of 0-8" bgs, 8-16" bgs, and 16-24" bgs.	
RI/FS (Black and Veatch 2009)	May 2001 - September 2008	Surface Soil	Five-point composite samples from yards, gardens, play areas and drip zones; collected from 0-1 inches bgs and sieved through number 10 (2 mm) or number 60 (250 um) mesh sieve. Composite drip zone sample, consisting of four aliquots (one from each side of the house), collected from 0-6 inches bgs and sieved through number 10 (2 mm) mesh sieve.	XRF: XRF metals ICP: TAL metals
Omaha Lead Site Investigatoin Background Summary Report (Jacobs 2000).	November 1999	Surface Soil	5-point composite samples collected from 0-1 inches bgs and sieved through number 10 (2mm) mesh sieve.	XRF: XRF metals ICP: TAL metals (excluding mercury) bismuth
		Subsurface Soil	Grab samples collected at 2 properties at depths 0-8" bgs (2 samples), 8-16" bgs (3 samples), and 16-24" bgs (2 samples) and sieved through a number 10 (2mm) mesh sieve.	

bgs = below ground surface

bulk = bulk fraction of soil (sieved to 2 mm, using a number 10 sieve).

fine = fine fraction of soil (sieved to 250 µm using a number 60 sieve).

XRF = X-Ray Fluorescence

ICP-AES = Inductively Coupled Plasma Atomic Emission Spectroscopy

TAL (Target Analyte List) Metals: aluminum (Al), antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), calcium (Ca), chromium (Cr), cobalt (Co), copper (Cu), iron (Fe), lead (Pb), magnesium (Mg), manganese (Mn), mercury (Hg), nickel (Ni), potassium (K), selenium (Se), silver (Ag), sodium (Na), thallium (Th), vanadium (V), zinc (Zn).

XRF Metals: antimony (Sb), arsenic (As), cadmium (Cd), chromium (Cr), cobalt (Co) copper (Cu), iron (Fe), lead (Pb), manganese (Mn), mercury (Hg), molybdenum (Mo), nickel (Ni), rubidium (Rb), selenium (Se), silver (Ag), strontium (Sr), tin (Sn), titanium (Ti), uranium (U), Zinc (Zn), zirconium (Zr).

Table 2-3. Summary of Available Indoor Dust, Tap Water and Ambient Air Data

Data Type	Investigation	Medium	Date	Number of Stations	Number of Field Samples	Sample Description	Analyses	Analytes	Sieved
Indoor Dust (Paired with outdoor soil)	Remedial Investigation (Black and Veatch 2009)	Surface Soil	December 2003 - January 2004	159	636	Five-point composite samples from yards, gardens, play areas and drip zones; collected from 0-1 inches bgs and sieved through number 10 (2 mm) or number 60 (250 µm) mesh sieve. Composite drip zone sample, consisting of four aliquots (one from each side of the house), collected from 0-6 inches bgs and sieved through number 10 (2 mm) mesh sieve.	XRF - 100% (159)	XRF: XRF Metals	bulk - 100% (636)
		Indoor Dust	December 2003 - January 2004	159	475	Up to 3 samples collected at each property from entryways, living areas and windowsills. Samples sieved using a number 100 mesh screen (150 µm).	ICP - 100% (477)	Lead (Pb)	fine[1] - 100% (477)
	Omaha Lead Site OU2 Field Investigation (Black and Veatch 2007)	Surface Soil	October - December 2007	98	98	One 20-point composite surface soil (0-1 inches bgs) sample was collected from each property, collected by dividing up the property into 4 quadrants and collecting five grab samples from each quadrant (e.g., from the four corners and a center of each quadrant). Samples were sieved using a number 60 mesh screen (250 µm).	ICP - 100% (98)	23 TAL Metals, with the addition of titanium, silicon and zirconium	fine - 100% (98)
		Indoor Dust	October - December 2007	98	98	One composite dust sample was collected from each property, comprised of dust collected from 3 locations in the home: entryway, living area and bedroom. Samples were sieved using a number 60 mesh screen (250 µm).	ICP - 100% (98)	23 TAL Metals, with the addition of titanium, silicon and zirconium	fine - 100% (98)
Tap Water	Omaha Lead Site OU2 Field Investigation (Black and Veatch 2007)	Tap Water	December 2007	77	154	Grab samples from residential taps. Two grabs were collected at each residence: a first-flush sample and a post-flush sample.	ICP - 100%	Lead (Pb)	--
Ambient Air	USEPA Air Quality Database	Ambient Air	1997 - 2002	11	24	Mean ambient air concentration in total suspended particulates recorded at a monitoring station.	NA	Lead (Pb)	--

-- = Not applicable.
bgs = below ground surface.
bulk = bulk fraction of soil (sieved to 2 mm, using a number 10 sieve).
fine = fine fraction of soil (sieved to 250 µm using a number 60 sieve).
First - flush = tap water sample collected first thing in the morning, after water has set in pipes overnight.
ICP-AES = Inductively Coupled Plasma Atomic Emission Spectroscopy
NA = Not available.
Post-flush = tap water sample collected after runing the tap for at least 5 minutes.
XRF = X-Ray Florescence

TAL (Target Analyte List) Metals: aluminum (Al), antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), calcium (Ca), chromium (Cr), cobalt (Co), copper (Cu), iron (Fe), lead (Pb), magnesium (Mg), manganese (Mn), mercury (Hg), nickel (Ni), potassium (K), selenium (Se), silver (Ag), sodium (Na), thallium (Th), vanadium (V), zinc (Zn).

XRF Metals: antimony (Sb), arsenic (As), cadmium (Cd), chromium (Cr), cobalt (Co) copper (Cu), iron (Fe), lead (Pb), manganese (Mn), mercury (Hg), molybdenum (Mo), nickel (Ni), rubidium (Rb), selenium (Se), silver (Ag), strontium (Sr), tin (Sn), titanium (Ti), uranium (U), Zinc (Zn), zirconium (Zr).

[1] Fine fraction in this investigation is < 150 µm.

Table 2-4. Summary Statistics for Metals in Residential Soil

ANALYTE	SOIL CONCENTRATION (mg/kg)[1]				
	Detection Frequency		Minimum	Maximum	Average
ANTIMONY	320 / 89,605	0.4%	9	2,142	45
ARSENIC	56,882 / 162,903	35%	1.9	4,107	21
BARIUM	14,563 / 89,580	16%	66.3	6,896	332
CADMIUM	6,351 / 89,838	7%	2	1,057	24
CHROMIUM	2,951 / 116,450	3%	4.9	1,602,400	154
COBALT	38,764 / 111,330	35%	23	8,867	162
COPPER	55,200 / 111,243	50%	1.7	17,783	33
IRON	111,894 / 111,899	100%	1,155	2,211,200	19,982
LEAD	166,661 / 168,076	99%	3	54,219	337
MANGANESE	95,095 / 111,895	85%	30	103,900	497
MERCURY	2,136 / 116,493	2%	1	6,746	9
MOLYBDENUM	5,180 / 107,386	5%	1	17,245	5
NICKEL	19,107 / 110,518	17%	7	599,650	77
RUBIDIUM	111,706 / 111,878	100%	4	415	72
SELENIUM	225 / 116,112	0.2%	1	833	3
SILVER	104 / 89,600	0.1%	2.4	2,718	21
STRONTIUM	111,861 / 111,878	100%	5	3,224	138
TIN	18,687 / 89,526	21%	0.3	1,604.0	50
TITANIUM	89,845 / 90,250	100%	155.7	44,045	3,090
URANIUM	19 / 2,226	1%	4	68	14
ZINC	160,422 / 163,401	98%	6.6	4,444,444	436.1
ZIRCONIUM	111,881 / 111,896	100%	4	3,240	251

[1] Results for samples analyzed by XRF are presented. Concentrations qualified as not detected were adjusted to 1/2 of the quantitation limit.

Table 2-5. Summary Statistics for Metals in Background Soil

ANALYTE	SOIL CONCENTRATION (mg/kg)[1]																			
	Surface Soil (0-2" bgs)					Subsurface Soil (0-8" bgs)					Subsurface Soil (8-16" bgs)					Subsurface Soil (16-24" bgs)				
	DF		Min	Max	Avg	DF		Min	Max	Avg	DF		Min	Max	Avg	DF		Min	Max	Avg
Aluminum	22/22	100%	2,600	6,200	4,682	2/2	100%	2,600	6,100	4,350	2/2	100%	2,800	5,100	3,950	3/3	100%	2,600	5,300	3,767
Antimony	2/22	9%	3.0	6.8	3.3	0/2	0%	3	3	3	0/2	0%	3.0	3.0	3.0	0/3	0%	3.0	3.0	3.0
Arsenic	22/22	100%	3.1	11	7.2	2/2	100%	8	11	9	2/2	100%	6.8	8.2	7.5	3/3	100%	6.5	8.6	7.3
Barium	22/22	100%	110	190	153	2/2	100%	130	160	145	2/2	100%	130	160	145	3/3	100%	130	170	147
Beryllium	7/22	32%	0.3	0.6	0.3	1/2	50%	0.3	0.6	0.4	1/2	50%	0.3	0.5	0.4	1/3	33%	0.3	0.6	0.4
Bismuth	0/22	0%	0.5	0.5	0.5	0/2	0%	0.5	0.5	0.5	0/2	0%	0.5	0.5	0.5	0/3	0%	0.5	0.5	0.5
Cadmium	20/22	91%	0.3	1.3	0.7	1/2	50%	0.3	0.8	0.5	1/2	50%	0.3	0.8	0.5	3/3	100%	0.5	0.8	0.7
Calcium	22/22	100%	2,700	68,000	12,473	2/2	100%	11,000	12,000	11,500	2/2	100%	8,200	11,000	9,600	3/3	100%	7,900	15,000	10,967
Chromium	22/22	100%	5	17	9	2/2	100%	5.4	10	7.7	2/2	100%	5.4	15	10	3/3	100%	5.3	15.0	8.9
Cobalt	22/22	100%	4	8	6	2/2	100%	5.4	7.3	6.4	2/2	100%	5.1	6.6	5.8	3/3	100%	5.1	6.9	5.7
Copper	22/22	100%	6	18	11	2/2	100%	7.1	19	13	2/2	100%	8.5	15	12	3/3	100%	7.6	15	11
Iron	22/22	100%	6,000	12,000	9,095	2/2	100%	7,400	12,000	9,700	2/2	100%	7,400	10,000	8,700	3/3	100%	6,900	11,000	8,733
Lead	22/22	100%	12	40	20	2/2	100%	10	16	13	2/2	100%	11	17	14	3/3	100%	15	19	17
Magnesium	22/22	100%	1,600	6,300	3,700	2/2	100%	4,400	4,500	4,450	2/2	100%	3,700	4,400	4,050	3/3	100%	3,600	5,100	4,333
Manganese	22/22	100%	250	620	487	2/2	100%	330	590	460	2/2	100%	350	510	430	3/3	100%	330	560	417
Nickel	22/22	100%	7.6	14	11	2/2	100%	10	14	12	2/2	100%	10	13	11	3/3	100%	10	13	11
Potassium	22/22	100%	1,300	2,700	2,014	2/2	100%	1,300	2,500	1,900	2/2	100%	1,300	2,100	1,700	3/3	100%	1,400	2,200	1,700
Selenium	16/22	73%	0.3	2.6	0.7	2/2	100%	1.0	1.0	1.0	2/2	100%	0.8	1.2	1.0	2/3	67%	0.3	0.7	0.5
Silver	0/22	0%	0.5	0.5	0.5	0/2	0%	0.5	0.5	0.5	0/2	0%	0.5	0.5	0.5	0/3	0%	0.5	0.5	0.5
Sodium	9/22	41%	50	220	102	0/2	0%	50	50	50	0/2	0%	50	50	50	0/3	0%	50	50	50
Thallium	0/22	0%	0.3	0.3	0.3	0/2	0%	0.3	0.3	0.3	0/2	0%	0.3	0.3	0.3	0/3	0%	0.3	0.3	0.3
Vanadium	22/22	100%	10	19	14	2/2	100%	11	19	15	2/2	100%	11	17	14	3/3	100%	10	17	13
Zinc	22/22	100%	38	68	53	2/2	100%	36	67	52	2/2	100%	37	59	48	3/3	100%	37	62	48

[1] Results for samples analyzed by ICP are presented. Concentrations qualified as not detected were adjusted to 1/2 of the quantitation limit.

Avg = Arithmetic average concentraiton

bgs = below ground surface

DF = Detection Frequency

Max = Maximum concentration

Min = Minimum concentration

Table 2-6. Summary Statistics for Metals in Indoor Dust

ANALYTE	INDOOR DUST CONCENTRATION (mg/kg)[1]				
	Detection Frequency		Minimum	Maximum	Average
Aluminum	98/98	100%	1,120	23,900	4,874
Antimony	13/98	13%	3.0	226.0	10.0
Arsenic	92/98	94%	0.5	47	7.4
Barium	98/98	100%	29	814	226
Beryllium	1/98	1%	0.3	0.8	0.3
Cadmium	95/98	97%	0.3	27.7	2.9
Calcium	98/98	100%	6,730	245,000	35,548
Chromium	98/98	100%	6.6	94	29
Cobalt	27/98	28%	2.5	13	3.7
Copper	98/98	100%	24	1,110	144
Iron	98/98	100%	770	20,400	7,530
Lead	569/573	99%	1.0	15,900	427
Magnesium	98/98	100%	800	13,700	4,098
Manganese	98/98	100%	20	406	199
Mercury	98/98	100%	0.02	5	0.7
Nickel	98/98	100%	4.7	197	26
Potassium	98/98	100%	1,230	214,000	7,497
Selenium	2/98	2%	1.8	5.3	1.8
Silicon	98/98	100%	432	2,240	1,047
Silver	26/52	50%	0.5	14	2.7
Sodium	98/98	100%	1,370	466,000	45,675
Thallium	0/98	0%	1.3	1.3	1.3
Titanium	98/98	100%	20	1,090	119
Vanadium	88/98	90%	2.5	47	11
Zinc	98/98	100%	103	2,980	718
Zirconium	44/98	45%	42	1,130	137

[1] Results for samples analyzed by ICP are presented. Concentrations qualified as not detected were adjusted to 1/2 of the quantitation limit.

Table 2-7. Lead Concentrations in Tap Water

Data Set	Metric	Results	
		First Flush	Post Flush
ALL DATA [1]	Total Number of Samples	97	97
	Minimum Concentration (µg/L)	0.5	0.5
	Maximum Concentration (µg/L)	48.8	634
	Average Concentration (µg/L)	1.9	7.7
	Average Non-Detect Concentration (µg/L)	0.51	0.50
	Detection Frequency	26%	26%
	Number of Samples > Action Level (15 µg/L)	1 (1% of samples)	1 (1% of samples)
POTENTIAL OUTLIER REPLACED [2]	Total Number of Samples	97	97
	Minimum Concentration (µg/L)	0.5	0.5
	Maximum Concentration (µg/L)	13.4	7.42
	Average Concentration (µg/L)	1.5	1.2
	Average Non-Detect Concentration (µg/L)	0.51	0.50
	Detection Frequency	25%	25%
	Number of Samples > Action Level (15 µg/L)	0	0

[1] Original results from Fall 2007 for property ID 29349 were included. Results from the resampling event for this property are not included.
[2] Original results from Fall 2007 results form property ID 29349: First Flush = 48.8 µg/L; Post Flush = 634 µg/L. were not included and were replaced with results from a resampling event (April 2008).

Table 2-8. Air Monitoring Stations in Douglas County, Nebraska

MONITORING STATION	LOCATION	LEAD MONITORING DATES
0011	11th and Nicholas	1982 - 2000
0019	42nd and Woolworth	1982 - 1993
0030	1723 Harney	1977
0034	19th Ave and Howard	1977 -1988
0038	7759 Dodge	1982 -1983
0040	7717 Dodge	1984 - 1997
0041	4th and Jones	1985 - 2000
0042	700 Abbott Drive	1985 - 2002
0043	15th and Read	1990
0045	46th and Farnam	--
0046	Riverfront (monitor located at 41.258889 latitude and -95.922222 longitude)	1990 - 2002
0047	2300 South 26th Street	1992 - 1995
0049	Union Pacific (approximately 250 feet from ASARO property line in Union Pacific Yard)	1995 - 2000
1001	18th and Dodge	1959 - 1962; 1975; 1965 - 1975

-- = Lead not measured at this station.

Source: USEPA Air Quality System database, Accessed 6/2008.

Table 2-9. Concentrations of Lead in Ambient Air
at 11 Monitoring Stations Located at the Omaha Lead Site

YEAR	AVERAGE LEAD CONCENTRATION ($\mu g/m^3$)												
	0011	0019	0030	0034	0041	0042	0043	0045	0046	0047	0049	1001	ALL
1997	0.057	--	--	--	0.054	0.319	--	--	0.433	--	2.271	--	0.524
1998	0.02	--	--	--	0.012	0.076	--	--	0.028	--	0.346	--	0.096
1999	0.026	--	--	--	0.022	0.169	--	--	0.172	--	0.893	--	0.256
2000	0.031	--	--	--	0.012	0.05	--	--	0.024	--	0.087	--	0.041
2001	--	--	--	--	--	0.041	--	--	0.031	--	--	--	0.036
2002	--	--	--	--	--	0.027	--	--	0.018	--	--	--	0.023
2000 - 2002 AVERAGE													**0.036**

Source: USEPA Air Quality System database, accessed 6/2008.

-- = Lead not measured at this station during this reporting period.

Table 3-1. Summary of Quantitative COPCs in Surface Soil

CHEMICALS OF POTENTIAL CONCERN	
Aluminum	Iron
Antimony	Lead
Arsenic	Manganese
Cadmium	Mercury
Chromium	Thallium
Cobalt	Vanadium
Copper	Zinc

Table 4-1 IEUBK Model Inputs

A. AGE-INDEPENDENT MODEL INPUTS:

PARAMETER	VALUE	BASIS
Soil concentration (mg/kg)	Property-specific	Yard-wide average concentration[1] (excluding drip zone samples)
Indoor dust concentration (mg/kg)	Property-specific	Calculated using site-specific M_{sd} equation: $C_{dust} = 42 + 0.74 \cdot C_{soil}$
Air concentration ($\mu g/m^3$)	0.036	Average concentration in air at the Site (2000 – 2002) (USEPA 2008b)
Indoor air concentration ($\mu g/m^3$)	30% of outdoors	USEPA (1994a) default
Drinking water concentration (µg/L)	1.36	Average concentration in tap water at the Site. Assumes water consumed is 50% first draw and 50% post flush
Absorption Fractions: Air Diet Water Soil Dust	 32% 50% 50% 40% 40%	 USEPA (1994a) default USEPA (1994a) default USEPA (1994a) default Site-specific value Site-specific value
Fraction soil	45%	USEPA (1994a) default
GSD	1.6	USEPA (1994a) default

B. AGE-DEPENDENT MODEL INPUTS:

	AIR		DIET	WATER	SOIL
Age	Time Outdoors (hrs)	Ventilation Rate (m^3/day)	Dietary Intake [2] (µg Pb/day)	Intake (L/day)	Intake (mg/day)
0-1	1.0	2.0	2.26	0.20	85
1-2	2.0	3.0	1.96	0.50	135
2-3	3.0	5.0	2.13	0.52	135
3-4	4.0	5.0	2.04	0.53	135
4-5	4.0	5.0	1.95	0.55	100
5-6	4.0	7.0	2.05	0.58	90
6-7	4.0	7.0	2.22	0.59	85

Source: USEPA (1994a) recommended default values, unless noted otherwise.

[1] Fine fraction, ICP-equivalent concentration of lead in soil (see Section 3.4.1):
Fine ICP = Coarse XRF · 1.16 · 1.04

[2] Revised USEPA (2008a) recommended dietary intake parameters, based on updated dietary lead estimates from the Food and Drug Administration's Total Diet Study (FDA 2006) and food consumption data from NHANES III (CDC 1997) .

Table 4-2. Summary of Lead Relative Bioavailability (RBA) Data

Medium	Estimation Method	Reference	Date	Number of Field Samples	Sample Description	Soil Fraction
Surface Soil	*In Vivo*	Casteel *et al.* (2004)	2004	2	Two test materials consisted of 2 surface soil samples collected from residential yards at the site	fine
	IVBA	Drexler (2004)	2002	28	Composite surface soil samples collected from residential yards	fine
			2004	19	Composite surface soil samples collected from residential yards	fine
		Drexler (2008a)	2004	2	Samples consisted of the 2 *in vivo* test materials evaluated by Casteel *et al.* (2004)	fine
Indoor Dust	IVBA	Drexler (2008b)	2008	94	Composite indoor dust samples collected in 2007	fine

IVBA = In Vitro Bioaccessibility

Table 4-3. *In Vivo* RBA Results for Lead in Soil

A. ORIGINAL RESULTS

Measurement Endpoint	Estimated Soil RBA	
	Test Material 1	Test Material 2
Blood Lead AUC	1.01	0.76
Liver Lead	1.07	0.74
Kidney Lead	1.04	0.66
Bone Lead	0.98	0.64

Uncertainty Range	Estimated Soil RBA	
	Test Material 1	Test Material 2
Plausible Range	1.01 - 1.03	0.68 - 0.76
Preferred Range	1.01 - 1.02	0.72 - 0.76
Suggested Point Estimate	1.01	0.74

Source: Casteel *et al.* (2004)
AUC = Area Under Curve (AUC) for blood lead vs time (days 0-15), a standard pharmacokinetic index of lead uptake into blood.
RBA = Relative Bioavailability

B. REANALYSIS USING EPA 2007 METHOD

Measurement Endpoint	Estimated Soil RBA (90% Confidence Interval)	
	Test Material 1	Test Material 2
Blood Lead AUC	1.04 (0.58 - 1.43)	0.87 (0.57 - 1.24)
Liver Lead (a)	0.91 (0.62 - 1.36)	0.82 (0.55 - 1.22)
Kidney Lead	0.83 (0.62 - 1.10)	0.75 (0.56 - 1.00)
Bone Lead	1.07 (0.85 - 1.37)	0.89 (0.70 - 1.15)
Combined	0.96 (0.64 - 1.29)	0.83 (0.58 - 1.10)

(a) Results exclude one outlier data point

AUC = Area Under Curve (AUC) for blood lead vs time (days 0-15), a standard pharmacokinetic index of lead uptake into blood.
RBA = Relative Bioavailability

Table 4-4. IVBA Results for Lead in Soil

A. IVBA AND ESTIMATED RBA RESULTS:

Index	Sample ID	Concentration (Fine Fraction) (mg/kg) [2]	IVBA [1]	Estimated RBA [1,2]	Outlier? [3]
1	5083 DZ	2,568	90%	76%	
2	5083 B1	6,193	34%	27%	Yes
3	5082 B1	695	104%	89%	
4	5080 B2	480	96%	82%	
5	5048 B2	498	78%	66%	
6	5079 B2	1,717	89%	76%	
7	5081 F2	796	76%	64%	
8	5046 DZ	2,785	63%	53%	
9	5046 B1	399	78%	66%	
10	5063 F2	1,524	68%	57%	
11	5061 F2	503	93%	79%	
12	5058 F2	490	100%	85%	
13	5044 B1	419	86%	73%	
14	5055 F1	669	77%	65%	
15	5088 F2	746	69%	58%	
16	5034 B1	514	87%	74%	
17	5017 F1	1,040	78%	66%	
18	5086 B1	787	112%	95%	
19	5087 G	1,188	66%	55%	
20	5060 B2	2,214	78%	66%	
21	5020 B2	941	68%	57%	
22	5098 B2	58	70%	59%	
23	5008 B1	524	108%	92%	
24	5056 F2	2,251	35%	28%	Yes
25	5030 B1	133	75%	63%	
26	5007 F2	534	85%	72%	
27	5059 B1	743	99%	84%	
28	5041 B1	134	82%	69%	
29	13271	1,303	93%	79%	
30	18343	664	77%	65%	
31	22258	858	74%	62%	
32	22412	1,172	96%	82%	
33	29478	259	77%	65%	
34	33449	1,115	89%	75%	
35	34544	1,433	84%	71%	
36	36276	206	73%	61%	
37	37666	697	80%	67%	
38	38573	1,362	77%	65%	
39	38775	861	78%	66%	
40	40182	498	70%	59%	
41	40299	930	80%	67%	
42	41449	964	87%	73%	
43	41488	466	82%	69%	
44	44481	85	94%	80%	
45	44837	510	84%	71%	
46	47483	605	79%	67%	
47	47618	385	75% [4]	63%	

Source: Drexler (2004 and 2008a).

IVBA = *In vitro* bioaccessibility

RBA = Relative bioavailability

B. SUMMARY STATISTICS:

DATA SET	NUMBER OF SAMPLES	MEAN (RANGE)	
		IVBA	RBA
All	46	81% (34% - 112%)	68% (27% - 95%)
Outliers Excluded	45	83% (63% - 112%)	70% (53% - 95%)

[1] Note: The values shown in this table are different than originally reported in Drexler (2004). This is because the 2004 report was published before the ICP results for the concentrations of lead in the fine fraction (<250 µm) were available, so the initial IVBA estimates were based on XRF estimates of lead in the bulk fraction (<2 mm) (Drexler 2008a, personal communication).

[2] RBA estimated in accord with USEPA (2007a): $[RBA] = 0.878 \cdot [IVBA] - 0.028$

[3] Identified using Rosner's Test for Outliers (Gilbert 1987).

[4] Corrected value, based on personal communication with Drexler (2008a).

Table 4-5

***In Vivo* and *In Vitro* RBA Estimates for Lead in Soil**

Soil	Concentration (mg/kg)	IVBA mean (range)	RBA point estimate (range)	
			estimated from IVBA	measured *In Vivo*
Test Material 1	2,003	0.90 (0.88 - 0.92)	0.76 (0.74 - 0.78)	0.96 (0.64 - 1.29)
Test Material 2	1,613	0.84 (0.83 - 0.85)	0.71 (0.70 - 0.72)	0.83 (0.58 - 1.10)

IVBA = *In vitro* bioaccessibility

RBA = Relative bioavailability

Table 4-6. IVBA Results for Lead in Indoor Dust

A. IVBA AND ESTIMATED RBA RESULTS:

Index	Sample ID	Concentration (fine fraction) (mg/kg)	IVBA	RBA [1]	Outlier? [2]
1	3662-265	18.1	40%	32%	Yes
2	3662-275	259	64%	53%	
3	3662-254	65.8	66%	55%	
4	3662-225	67.3	67%	56%	
5	3662-236	270	67%	56%	
6	3662-205	233	68%	57%	
7	3662-235	159	68%	57%	
8	3662-249	124	70%	58%	
9	3662-213	499	71%	59%	
10	3662-215	58.3	71%	59%	
11	3662-206	331	71%	60%	
12	3662-284	152	72%	60%	
13	3662-204	246	72%	60%	
14	3662-289	634	73%	61%	
15	3662-201	32	73%	61%	
16	3662-216	56.2	73%	62%	
17	3662-269	33.9	74%	62%	
18	3662-203	101	75%	63%	
19	3662-202	158	75%	63%	
20	3662-252	106	77%	65%	
21	3662-288	151	78%	66%	
22	3662-246	178	79%	67%	
23	3662-238	206	79%	67%	
24	3662-285	930	80%	68%	
25	3662-272	144	80%	68%	
26	3662-214	224	81%	68%	
27	3662-207	174	81%	68%	
28	3662-295	13.2	81%	68%	
29	3662-264	354	83%	70%	
30	3662-292	374	83%	70%	
31	3662-240	319	83%	70%	
32	3662-274	159	84%	71%	
33	3662-227	176	84%	71%	
34	3662-296	784	85%	72%	
35	3662-293	153	85%	72%	
36	3662-217	3180	85%	72%	
37	3662-221	755	85%	72%	
38	3662-244	146	86%	73%	
39	3662-267	406	86%	73%	
40	3662-211	254	86%	73%	
41	3662-233	538	87%	73%	
42	3662-291	591	87%	73%	
43	3662-232	530	87%	74%	
44	3662-268	410	87%	74%	
45	3662-237	64.2	87%	74%	
46	3662-220	261	88%	74%	
47	3662-299	249	88%	74%	
48	3662-298	230	88%	74%	
49	3662-255	85.9	88%	75%	
50	3662-270	829	88%	75%	
51	3662-208	194	88%	75%	
52	3662-239	202	88%	75%	
53	3662-302	177	89%	75%	
54	3662-231	246	89%	75%	
55	3662-229	181	89%	75%	
56	3662-241	705	89%	75%	
57	3662-210	206	90%	76%	
58	3662-222	354	90%	76%	
59	3662-247	264	90%	76%	

Table 4-6. IVBA Results for Lead in Indoor Dust

(Continued)

A. IVBA AND ESTIMATED RBA RESULTS:

Index	Sample ID	Concentration (fine fraction) (mg/kg)	IVBA	RBA [1]	Outlier? [2]
60	3662-245	35.5	90%	76%	
61	3662-223	74.8	90%	77%	
62	3662-287	242	91%	77%	
63	3662-209	3810	91%	77%	
64	3662-234	304	92%	78%	
65	3662-224	281	92%	78%	
66	3662-219	171	92%	78%	
67	3662-266	2720	93%	79%	
68	3662-263	44.9	94%	80%	
69	3662-282	420	94%	80%	
70	3662-262	441	94%	80%	
71	3662-297	271	95%	80%	
72	3662-294	446	95%	80%	
73	3662-290	374	95%	80%	
74	3662-228	216	95%	80%	
75	3662-283	527	95%	81%	
76	3662-261	106	96%	81%	
77	3662-251	306	96%	82%	
78	3662-242	527	96%	82%	
79	3662-212	200	97%	82%	
80	3662-243	187	99%	84%	
81	3662-257	193	100%	85%	
82	3662-277	259	100%	85%	
83	3662-218	9.44	102%	87%	
84	3662-301	686	102%	87%	
85	3662-281	128	103%	87%	
86	3662-300	69.1	103%	88%	
87	3662-258	94.6	103%	88%	
88	3662-276	372	109%	93%	
89	3662-250	98.4	113%	96%	
90	3662-260	758	115%	98%	
91	3662-259	1120	117%	100%	
92	3662-230	910	180%	155%	Yes
93	3662-253	289	261%	227%	Yes
94	3662-226	79.5	509%	444%	Yes

Source: Drexler (2008b).

B. SUMMARY STATISTICS:

DATA SET	NUMBER OF SAMPLES	MEAN (RANGE)	
		IVBA	RBA
All	94	94% (40% - 509%)	79% (32% - 444%)
Outliers Excluded	90	87% (64% - 117%)	73% (53% - 100%)

[1] RBA estimated in accord with USEPA (2007): [*RBA] = 0.878 · [IVBA] - 0.028*

[2] Identified using Rosner's Test for Outliers (Gilbert 1987).

IVBA = *In vitro* bioaccessibility

RBA = Relative bioavailability

Table 4-7. Summary of Risks to Residents from Exposure to Lead in Surface Soil

ZIP CODE	NUMBER OF PROPERTIES EVALUATED	ESTIMATED NUMBER AND PERCENT OF PROPERTIES WITHIN THE SPECIFIED P10 RANGE					TOTAL NUMBER AND PERCENT OF PROPERTIES WHERE P10 EXCEEDS 5%
		≤ 5%	>5% to ≤10%	>10% to ≤20%	>20% to ≤50%	>50%	
68102	71	45	6	9	11	0	26
		63%	8%	13%	15%	0%	37%
68104	27	21	3	3	0	0	6
		78%	11%	11%	0%	0%	22%
68105	4,953	3,585	518	463	343	44	1,368
		72%	10%	9%	7%	1%	28%
68106	165	147	7	7	3	1	18
		89%	4%	4%	2%	1%	11%
68107	7,069	5,762	587	424	258	38	1,307
		82%	8%	6%	4%	1%	18%
68108	3,324	1,468	499	653	625	79	1,856
		44%	15%	20%	19%	2%	56%
68110	2,170	1,011	332	384	381	62	1,159
		47%	15%	18%	18%	3%	53%
68111	7,295	5,422	766	634	421	52	1,873
		74%	11%	9%	6%	1%	26%
68112	162	115	17	20	8	2	47
		71%	10%	12%	5%	1%	29%
68117	2	2	0	0	0	0	0
		100%	0%	0%	0%	0%	0%
68131	1,955	1,019	286	312	269	69	936
		52%	15%	16%	14%	4%	48%
68132	1,285	848	156	142	110	29	437
		66%	12%	11%	9%	2%	34%
ALL	28,478	19,445	3,177	3,051	2,429	376	9,033
		68%	11%	11%	9%	1%	32%

P10 = Probability of exceeding a blood lead value of 10 µg/dL (%).

Table 5-1. Exposure Parameters for Residents

Exposure Pathway	Exposure Parameter	Units	CTE				RME			
			Adult	Source	Child	Source	Adult	Source	Child	Source
General	Body Weight	kg	70	[1]	15	[1]	70	[1]	15	[1]
	Exposure frequency	days/yr	245	[3, a]	245	[3, a]	350	[1]	350	[1]
	Exposure duration	years	7	[3, 4, d]	2	[3, 4, d]	24	[1]	6	[1]
	Averaging Time, Cancer	days	25,550	[2, c]	25,550	[2, c]	25,550	[2, c]	25,550	[2, c]
	Averaging Time, Noncancer	days	2,555	[2, c]	730	[2, c]	8,760	[2, c]	2,190	[2, c]
Ingestion of Soil and Indoor Dust	Ingestion rate	mg/day	50	[3]	100	[3, b]	100	[1]	200	[1]
	Conversion factor	kg/mg	1.00E-06	--	1.00E-06	--	1.00E-06	--	1.00E-06	--
Dermal Exposure to Soil	Exposed Surface Area (SA)	cm^2/event	5,700	[5]	2,800	[5]	5,700	[5]	2,800	[5]
	Adherence Factor (AF)	mg/cm^2	0.01	[5]	0.04	[5]	0.07	[5]	0.2	[5]
	Event Frequency	events/day	1	[5]	1	[5]	1	[5]	1	[5]
	Dermal Absorption Fraction (ABS_d)	unitless	CS	[5, e]	CS	[5, e]	CS	[5, e]	CS	[5, e]
	Conversion factor	kg/mg	1.00E-06	--	1.00E-06	--	1.00E-06	--	1.00E-06	--

CTE = Central Tendency Exposure
CS = Chemical-Specific
RME = Reasonable Maximum Exposure

Sources:

[1] USEPA 1991a. Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors. Office of Emergency and Remedial Response. Washington, DC. OSWER Directive 9285.6-03. March.

[2] USEPA 1989a. Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A). Office of Emergency and Remedial Response, Washington, D.C. EPA/540/1-89/002. December.

[3] USEPA 1997a. Exposure Factors Handbook.

[4] Professional judgment.

[5] USEPA 2004a. Risk Assessment Guidance for Superfund, Volume 1, Human Health Evaluation Manual (Part E). Office of Solid Waste and Emergency Response, Washington, D.C. EPA/540/R/99/005. July.

Notes:

[a] Estimated by taking the percent of time men and women spend at home (67% of time spent at home, see Table 15A-3) and multiplying by 365 days (0.67*365 days = 245 days).

[b] Table 4-23. Mean recommended values for soil ingestion.

[c] Averaging time expressed as days. Noncancer averaging time calculated by multiplying the exposure duration in years by 365 days/year and cancer averaging time calculated by multiplying a 70 year lifetime for cancer effects by 365 days/year.

[d] Table 15-176. Average residency/occupancy of a home (9 years). Assumes 2 years as a child and 7 years as an adult.

[e] Dermal absorption fraction values were available for arsenic and cadmium, only. The values used in the risk assessment are as follows:
arsenic = 0.03, cadmium = 0.001; all other chemicals = not evaluated.

Table 5-2. Oral and Dermal Human Health Toxicity Values

CHEMICAL	INGESTION				DERMAL						Primary Target Organ (noncancer effects)	Weight of Evidence (cancer)
	SFo $(mg/kg\text{-}day)^{-1}$	Source	RfDo mg/kg-day	Source	Absorption Fraction [8]	Adjust? [8]	SF_{ABS} $(mg/kg\text{-}day)^{-1}$	Source	RfD_{ABS} mg/kg-day [9]	Source		
Aluminum	--	--	1.0E+00	P [1]	NA	NA	--	--	1.0E+00	--	CNS	NA
Antimony	--	--	4.0E-04	I	0.15	Yes	--	--	6.0E-05	I [9]	Liver	NA
Arsenic	1.5E+00	I	3.0E-04	I	0.95	No	1.5E+00	I [9]	3.0E-04	I [9]	Skin	A
Cadmium	--	--	1.0E-03	I	0.025	Yes	--	--	2.5E-05	I [9]	Kidney	NA
Chromium III	--	--	1.5E+00	I	0.013	Yes	--	--	2.0E-02	I [9]	No Data	NA
Chromium VI	--	--	3.0E-03	I	0.025	Yes	--	--	7.5E-05	I [9]	GI	NA
Cobalt	--	--	3.0E-04	P [10]	NA	NA	--	--	3.0E-04	P [10]	Thyroid	NA
Copper	--	--	4.0E-02	H [2]	NA	NA	--	--	4.0E-02	H [2, 9]	GI	NA
Iron	--	--	7.0E-01	P [3]	NA	NA	--	--	7.0E-01	P [3, 9]	GI	NA
Manganese	--	--	4.7E-02	I [4]	0.04	Yes	--	--	1.9E-03	I [4, 9]	CNS	NA
Mercury	--	--	3.0E-04	I [5]	0.07	Yes	--	--	2.1E-05	I [5, 9]	Kidney	NA
Thallium	--	--	6.5E-05	I [2, 6]	NA	NA	--	--	6.5E-05	I [2, 6, 9]	Liver	NA
Vanadium	--	--	5.0E-03	I [2, 7]	0.026	Yes	--	--	1.3E-04	I [2, 7, 9]	Kidney	NA
Zinc	--	--	3.0E-01	I	variable	No	--	--	3.0E-01	I [9]	Blood	NA

-- = A USEPA Recommended toxicity value is not available for this chemical

Abbreviations:

A = Human carcinogen
CNS = Central Nervous System
GI = Gastrointestinal System
H = HEAST
I = IRIS
NA = not available
P = EPA Provisional Peer-Reviewed Value
RfD_{ABS} = Absorbed Reference Dose
RfDo = Oral Noncancer Reference Dose
SF_{ABS} = Absorbed Slope Factor
SFo = Oral Cancer Slope Factor

Notes:

[1] Provisional Peer Reviewed Toxicity Values for Aluminum (October 2006).
[2] As cited in Regional Screening Level Tables (9/2008 update):
http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm
[3] Provisional Peer Reviewed Toxicity Values for Iron and Compounds (September 2006).
[4] RfDo (1.4E-01 mg/kg-day) adjusted by a modifying factor of 3, in accord with IRIS recommendations.
[5] Toxicity data for mercuric chloride.
[6] RfDo for thallium sulfate (8E-05) adjusted by multiplying by 81% (the percent molecular weight of thallium in thallium sulfate) in order to factor out the molecular weight (MW) of the sulfate ion.
[7] RfDo for vanadium pentoxide (9E-03) adjusted by multiplying by the percent molecular weight of vanadium in vanadium pentoxide in order to factor out the molecurlar weight of the oxide ion.
[8] USEPA 2004. Supplemental Guidance for Dermal Risk Assessment. Exhibit 4-1.
[9] Derivation based on absorption fraction, in accord with USEPA 2004.
[10] Provisional Peer Reviewed Toxicity Values for Cobalt (August 2008).

Table 5-3. Excess Cancer Risks from Ingestion and Dermal Exposure to Arsenic in Surface Soil

ZIP CODE	NUMBER OF PROPERTIES EVALUATED	ESTIMATED NUMBER AND PERCENT OF PROPERTIES WITHIN THE SPECIFIED RISK RANGE							
		Estimated Excess Cancer Risk from Ingestion and Dermal Exposure							
		CTE				RME			
		≤1E-06	>1E-06 to ≤1E-05	>1E-05 to ≤1E-04	>1E-04	≤1E-06	>1E-06 to ≤1E-05	>1E-05 to ≤1E-04	>1E-04
68102	6	1	5	0	0	0	1	5	0
		17%	83%	0%	0%	0%	17%	83%	0%
68104	7	1	5	1	0	0	1	5	1
		14%	71%	14%	0%	0%	14%	71%	14%
68105	466	49	373	44	0	1	51	372	42
		11%	80%	9%	0%	0%	11%	80%	9%
68106	33	6	22	5	0	0	6	23	4
		18%	67%	15%	0%	0%	18%	70%	12%
68107	800	94	674	32	0	0	105	664	31
		12%	84%	4%	0%	0%	13%	83%	4%
68108	276	15	257	4	0	0	15	257	4
		5%	93%	1%	0%	0%	5%	93%	1%
68110	259	15	241	3	0	0	16	240	3
		6%	93%	1%	0%	0%	6%	93%	1%
68111	800	69	697	34	0	0	79	690	31
		9%	87%	4%	0%	0%	10%	86%	4%
68112	6	0	5	1	0	0	0	5	1
		0%	83%	17%	0%	0%	0%	83%	17%
68131	172	19	145	8	0	0	24	140	8
		11%	84%	5%	0%	0%	14%	81%	5%
68132	221	15	188	18	0	1	20	184	16
		7%	85%	8%	0%	0%	9%	83%	7%
ALL	3046	284	2612	150	0	2	318	2585	141
		9%	86%	5%	0%	0%	10%	85%	5%

Table 5-4. Chemical-Specific Non-Cancer HQ Values for Ingestion and Dermal Exposure to Surface Soil

Panel A. CTE Receptor

ANALYTE	TOTAL NUMBER OF PROPERTIES	NUMBER OF PROPERTIES WITHIN THE SPECIFIED RISK RANGE							
		Non-Cancer Hazard Quotient (HQ) for Ingestion and Dermal Exposure							
		Child				Adult			
		≤1	2 - 5	>5	Max	≤1	2 - 5	>5	Max
Aluminum	219	214	0	0	0.08	214	0	0	0.01
Antimony	2,843	2,843	0	0	0.9	2,843	0	0	0.09
Arsenic	3,046	2,970	71	5	8	3,046	0	0	0.8
Cadmium	3,046	3,046	0	0	0.06	3,046	0	0	0.01
Cobalt	214	214	0	0	0.2	214	0	0	0.02
Chromium III	3,046	3,046	0	0	0.001	3,046	0	0	0.0001
Chromium VI	3,046	3,046	0	0	0.08	3,046	0	0	0.01
Copper	214	214	0	0	0.1	214	0	0	0.02
Iron	214	214	0	0	0.3	214	0	0	0.03
Manganese	219	214	0	0	0.1	214	0	0	0.01
Mercury	2,832	2,830	1	1	6	2,832	0	0	0.6
Thallium	3,046	3,040	6	0	4	3,046	0	0	0.4
Vanadium	214	214	0	0	0.04	214	0	0	0.00
Zinc	27,737	27,737	0	0	0.1	27,737	0	0	0.01

Panel B. RME Receptor

ANALYTE	TOTAL NUMBER OF PROPERTIES	NUMBER OF PROPERTIES WITHIN THE SPECIFIED RISK RANGE							
		Non-Cancer Hazard Quotient (HQ) for Ingestion and Dermal Exposure							
		Child				Adult			
		≤1	2 - 5	>5	Max	≤1	2 - 5	>5	Max
Aluminum	219	214	0	0	0.2	214	0	0	0.03
Antimony	2,843	2,841	2	0	2.5	2,843	0	0	0.3
Arsenic	3,046	2,736	253	57	24	3,038	8	0	3
Cadmium	3,046	3,046	0	0	0.2	3,046	0	0	0.02
Cobalt	214	214	0	0	0.5	214	0	0	0.1
Chromium III	3,046	3,046	0	0	0.003	3,046	0	0	0.0003
Chromium VI	3,046	3,046	0	0	0.2	3,046	0	0	0.03
Copper	214	214	0	0	0.4	214	0	0	0.04
Iron	214	214	0	0	0.8	214	0	0	0.1
Manganese	219	214	0	0	0.3	214	0	0	0.04
Mercury	2,832	2,829	1	2	17	2,831	1	0	1.8
Thallium	3,046	3,029	16	1	11	3,046	0	0	1.1
Vanadium	214	214	0	0	0.1	214	0	0	0.01
Zinc	27,737	27,737	0	0	0.4	27,737	0	0	0.04

Table 5-5. Screening-Level Non-Cancer HI Values for Ingestion and Dermal Exposure to Surface Soil

Zip Codes	Chemical-Specific HQs Included in the HI Calculations[1]			Number of Properties Evaluated[2]	Number and Percent of Properties with Non-Cancer HI > 1				Primary Contributor(s) to Estimated Risks
					CHILD		ADULT		
	Number	Chemical Names			CTE	RME	CTE	RME	
ALL	13	aluminum antimony arsenic cadmium chromium III chromium VI cobalt	copper iron manganese thallium vanadium zinc	213	7 (3%)	207 (97%)	0 (0%)	2 (0.9%)	Arsenic and/or Thallium (ingestion)
	8	antimony arsenic cadmium chromium III chromium VI	mercury thallium zinc	2,630	104 (4%)	1,412 (53%)	0 (0%)	8 (<0.3%)	Arsenic and/or Thallium (ingestion)
	7	arsenic cadmium chromium III chromium VI	mercury thallium zinc	202	7 (4%)	23 (11%)	0 (0%)	1 (0.5%)	Arsenic (ingestion)

[1] The number of chemicals that could be summed across properties varies from chemical-to-chemical and property to property, based on the available data used in the risk assessment.

[2] Total number of properties with data available for all chemicals included in the HI calculations (e.g., n=7, n=8 or n=13).

CTE = Central Tendency Exposure
HI = Hazard Index
HQ = Hazard Quotient
RME = Reasonable Maximum Exposure

Table 5-6. Target Organ-Specific Non-Cancer HI Values for Ingestion and Dermal Exposure to Surface Soil

Target Organ	Chemicals Evaluated	Number of Properties Evaluated[1]	Number of Properties with Target Organ Non-Cancer HI > 1			
			CHILD		ADULT	
			CTE	RME	CTE	RME
Central Nervous Sysem	aluminum, manganese	214	0	0	0	0
Kidney	cadmium, mercury, vanadium	0	--	--	--	--
Gastrointestinal Tract	chromium VI, copper, iron	214	0	0	0	0
Liver	antimony, thallium	2,843	6 (0.2%)	26 (0.9%)	0	0
Blood	zinc	27,737	0	0	0	0
Thyroid	cobalt	214	0	0	0	0
Skin	arsenic	3,046	76 (2.5%)	310 (10.2%)	0	8 (0.3%)

[1] Properties were evaluated only if HQ values were available for all of the chemicals listed

-- = Could not be quantified. No residential properties had results for all 3 chemicals (cadmium, mercury and vanadium).

CTE = Central Tendency Exposure

RME = Reasonable Maximum Exposure

Figure 2-1 Site Location
Omaha, Nebraska

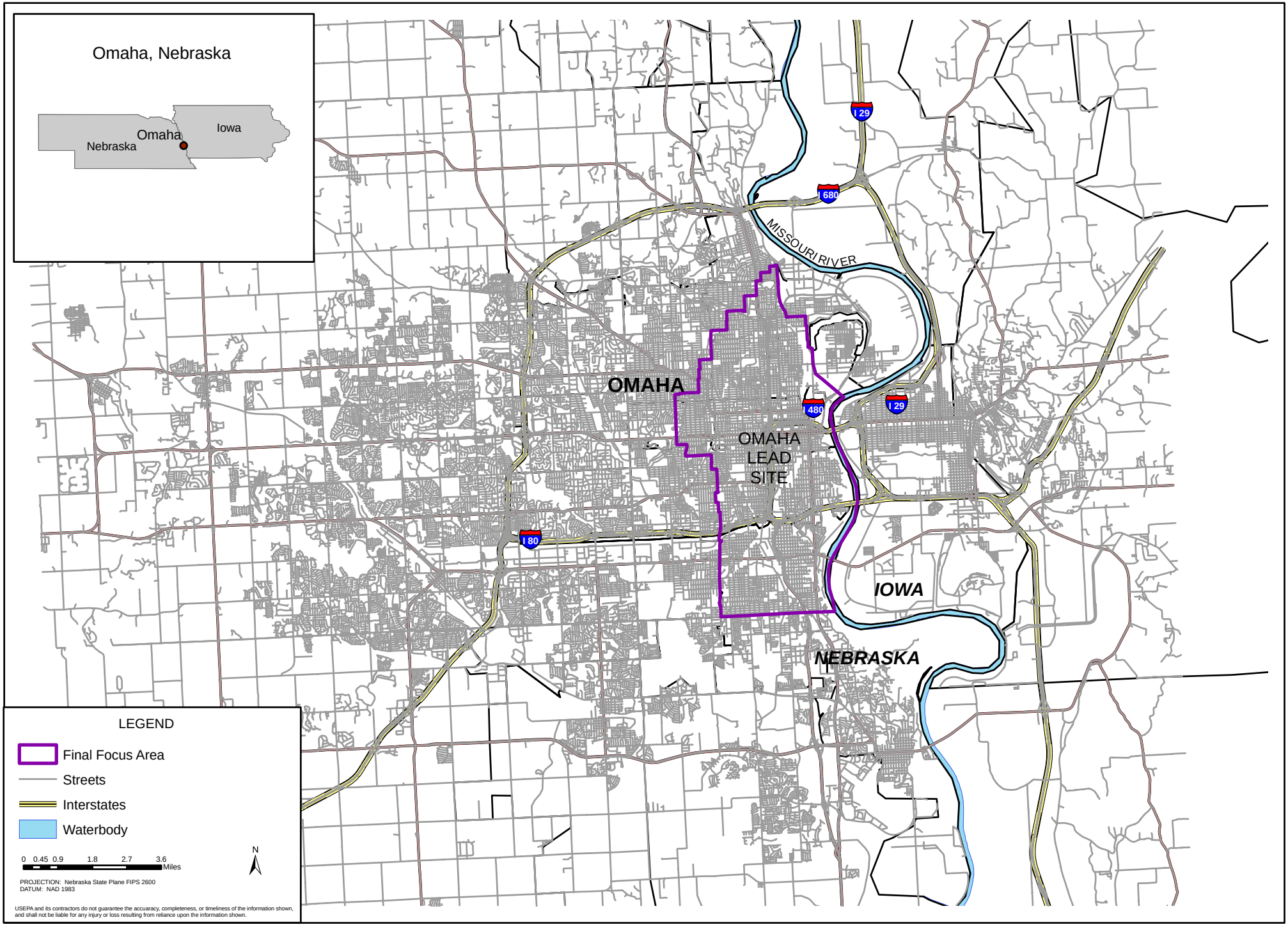

Figure 2-2. Highest Non-Drip Lead Concentration

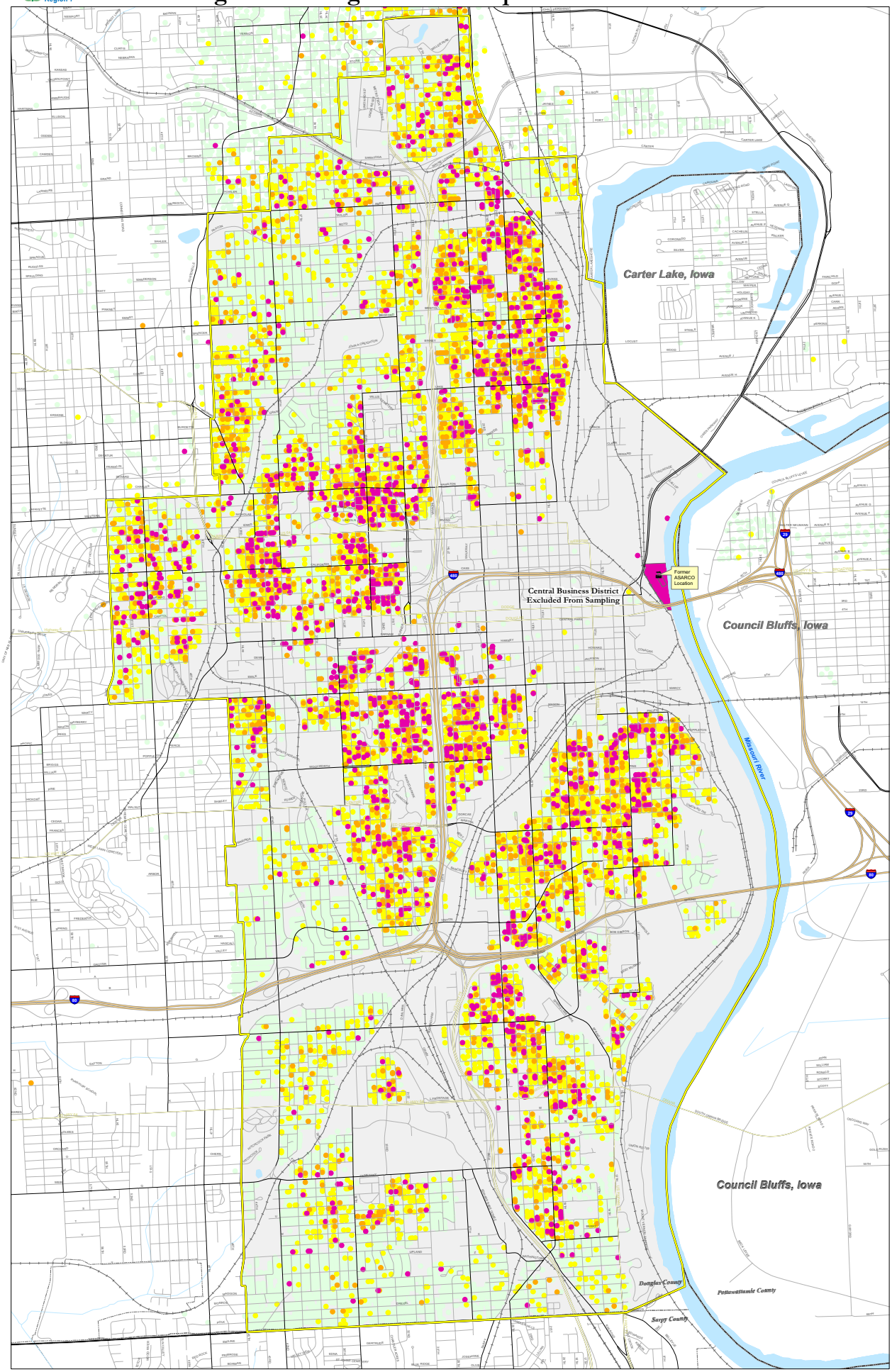

Figure 2-3 Focus Area Boundaries
Omaha Lead Site

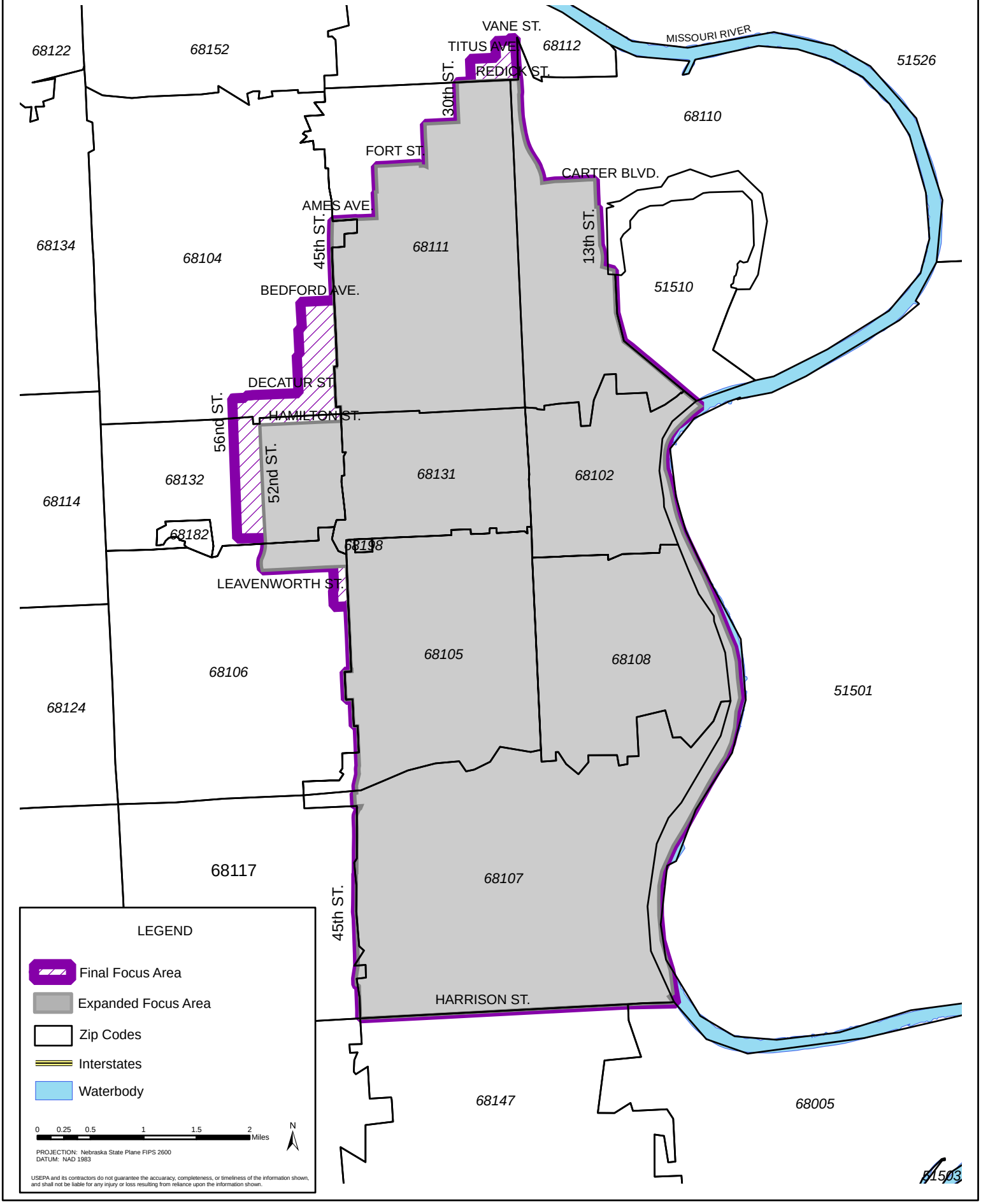

WIND ROSE PLOT:

Figure 2-4. Wind Rose Plot for Omaha/Eppley Airfield (Station#14942)
Wind Direction (blowing from)

DISPLAY:

Wind Speed
Direction (blowing from)

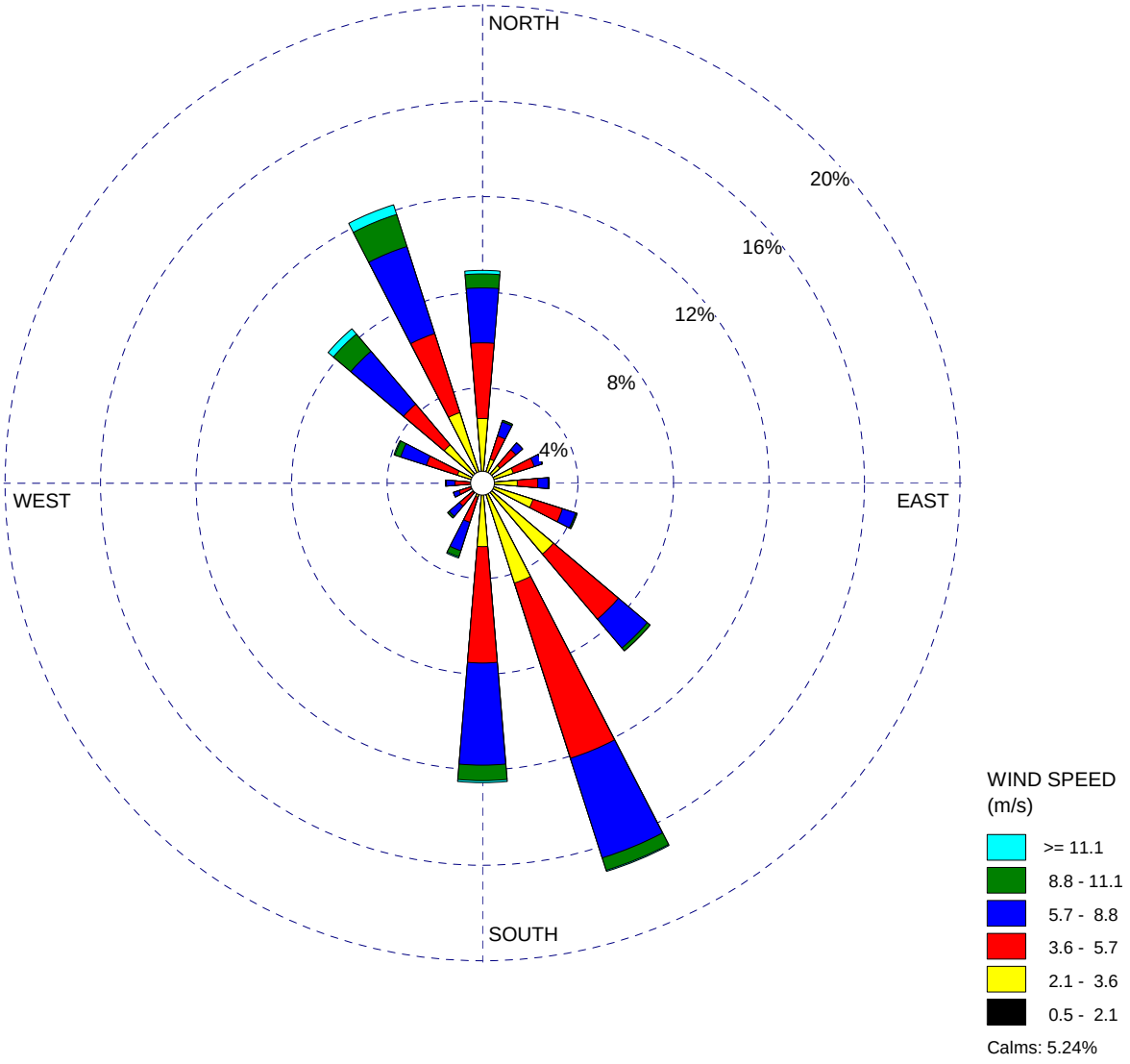

COMMENTS:	DATA PERIOD: **1984 1985 1986 1987 1988 1989 1990 1991 1992** **Jan 1 - Dec 31** **00:00 - 23:00**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **5.24%**	TOTAL COUNT: **78912 hrs.**	
	AVG. WIND SPEED: **4.54 m/s**	DATE: **8/13/2008**	PROJECT NO.:

Figure 2-5. Historical Locations of Former Sources
Omaha Lead Site

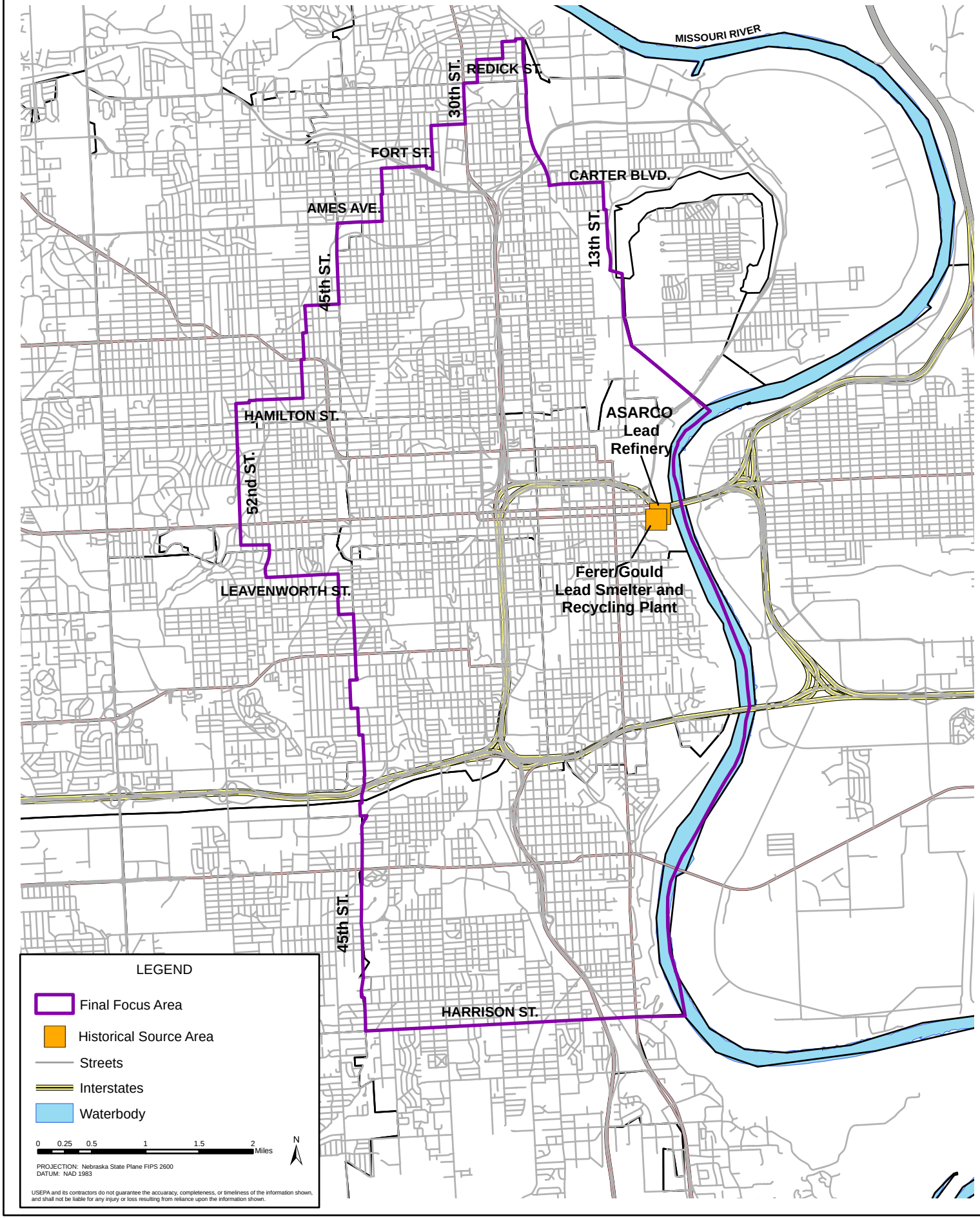

FIGURE 2-6 ELEVATED BLOOD LEAD LEVELS BY YEAR

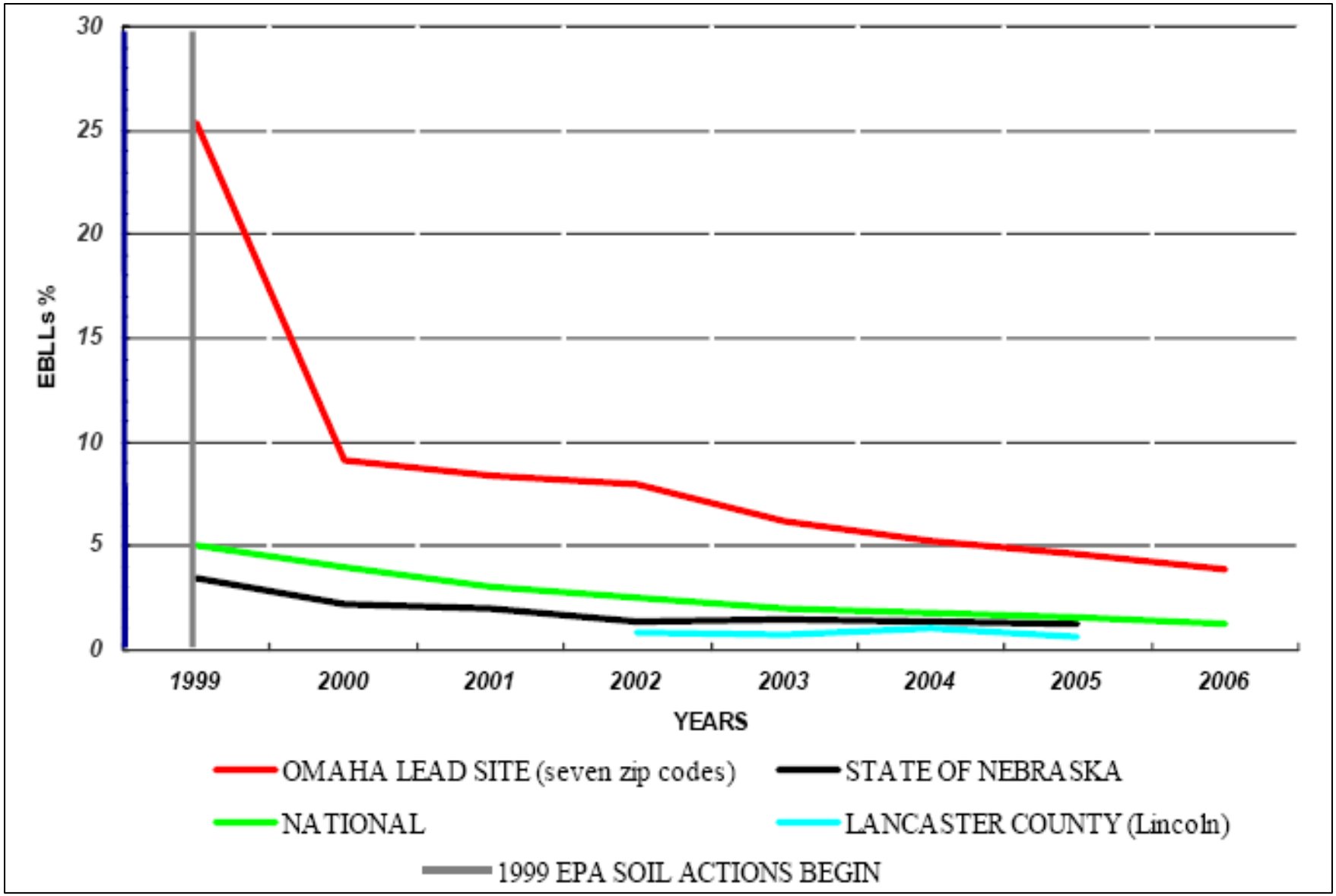

Figure 2-7. USEPA Ambient Air Monitoring Stations in Douglas County, Nebraska

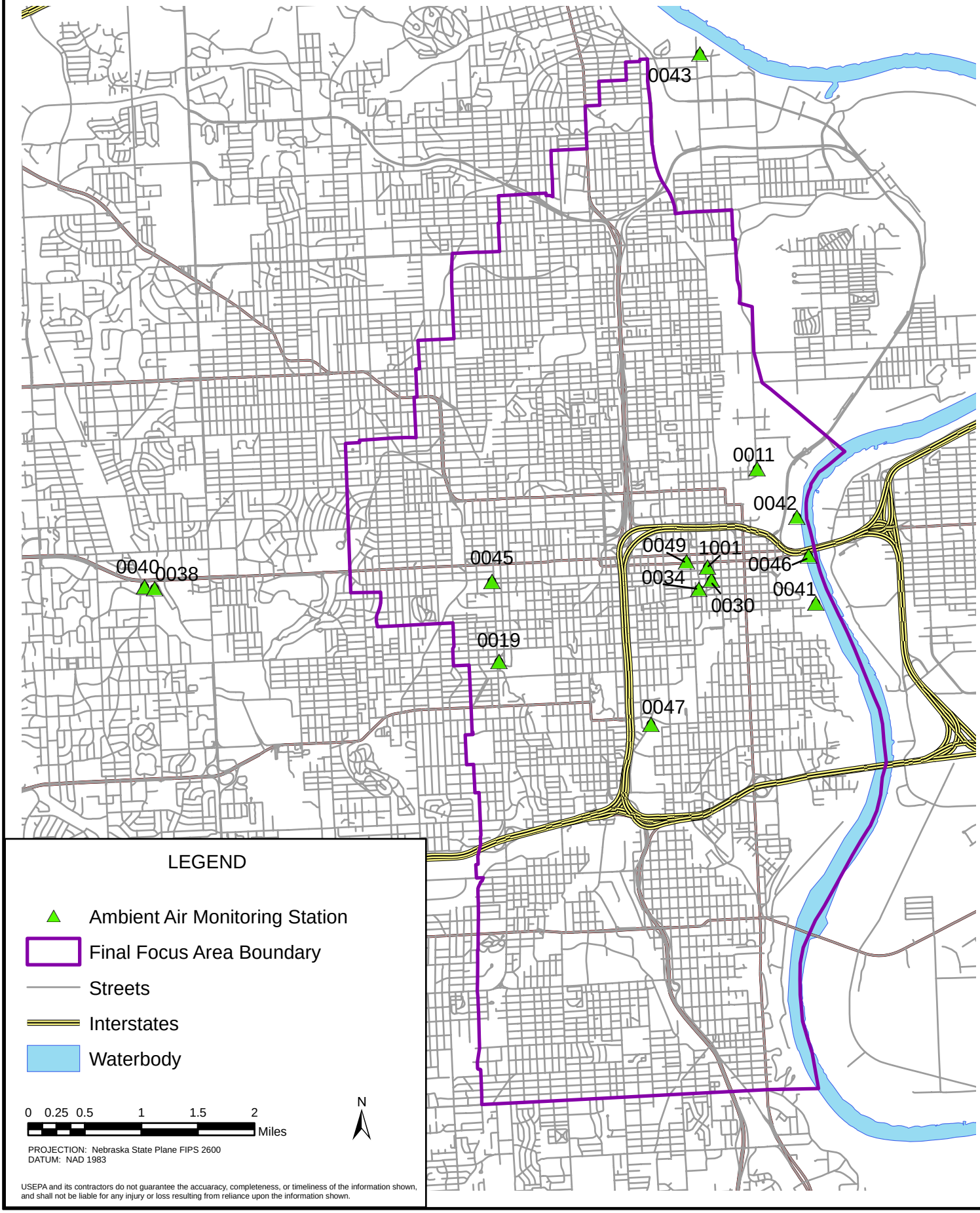

Figure 3-1. General Site Conceptual Model for Human Exposure at the Omaha Lead Site

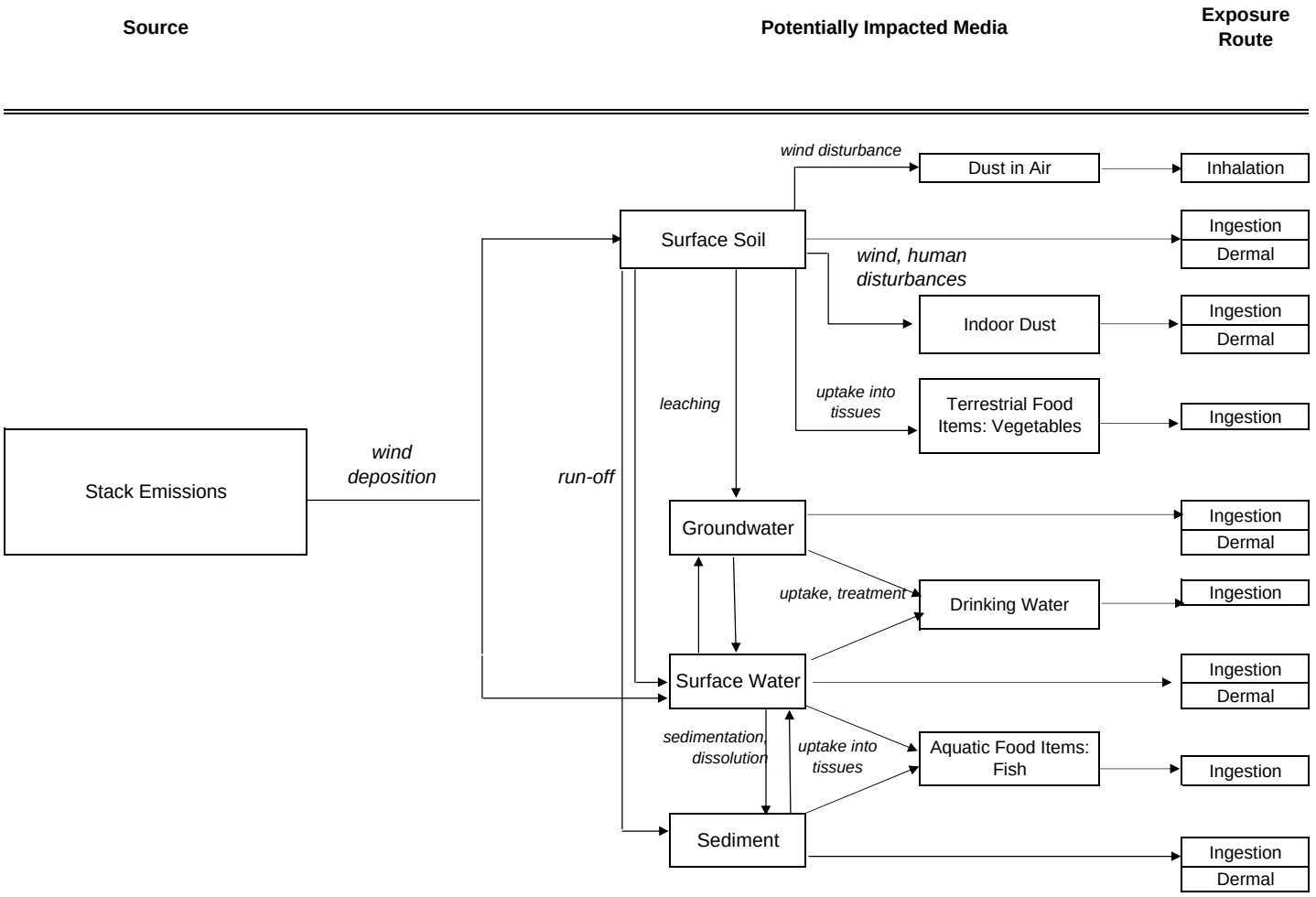

Figure 3-2 COPC Selection Procedure

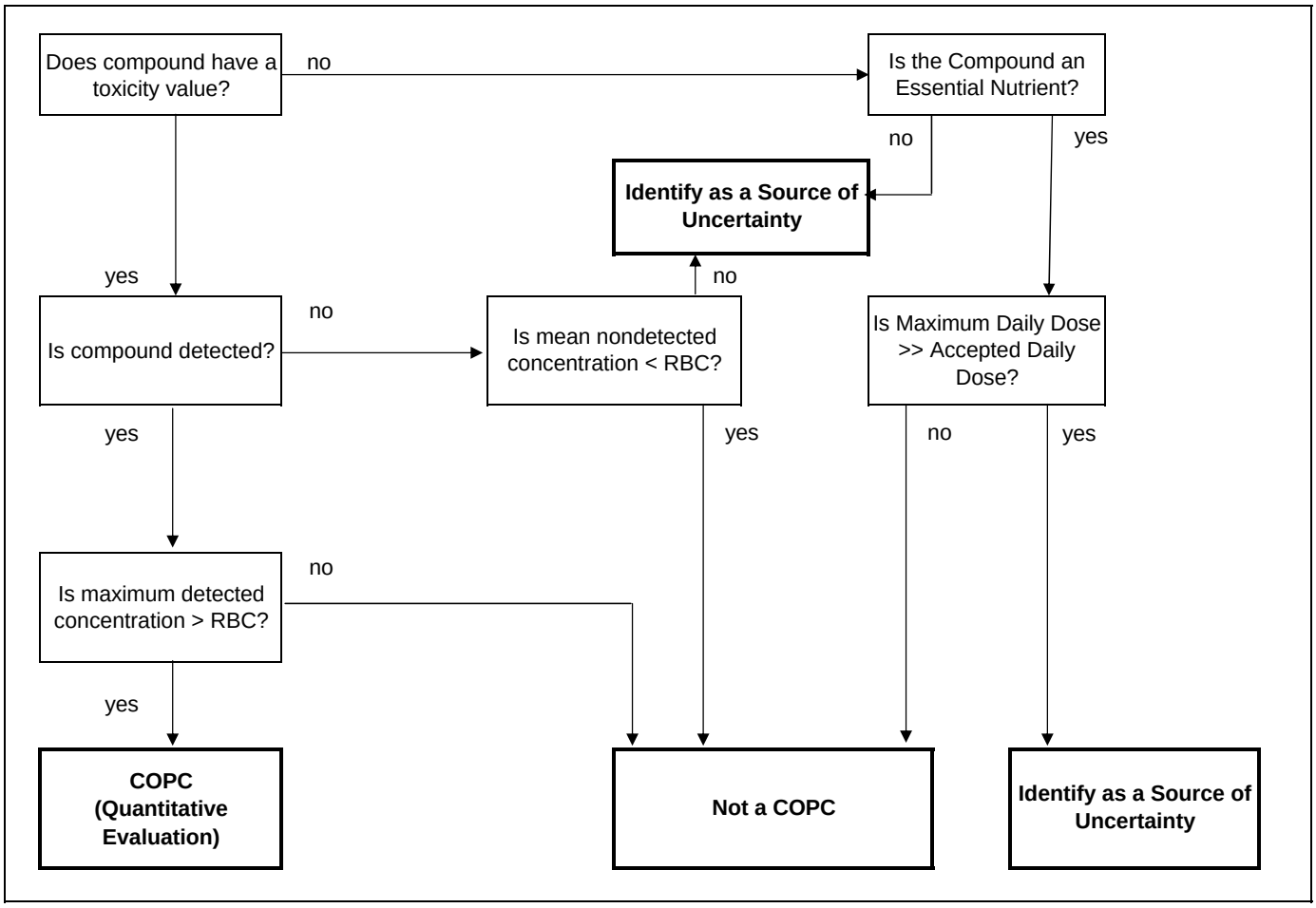

Notes:

RBC = Risk-Based Concentration. A risk-based concentration based on a non-cancer Hazard Quotient (HQ) = 0.1 or Excess cancer risk = 1E-06 (1 in 1,000,000). Values are the USEPA (2008c) Regional Screening Levels for residential soil.
COPC = chemical of potential concern

Figure 4-1. Site Conceptual Model for Human Exposure to Lead at the Omaha Lead Site

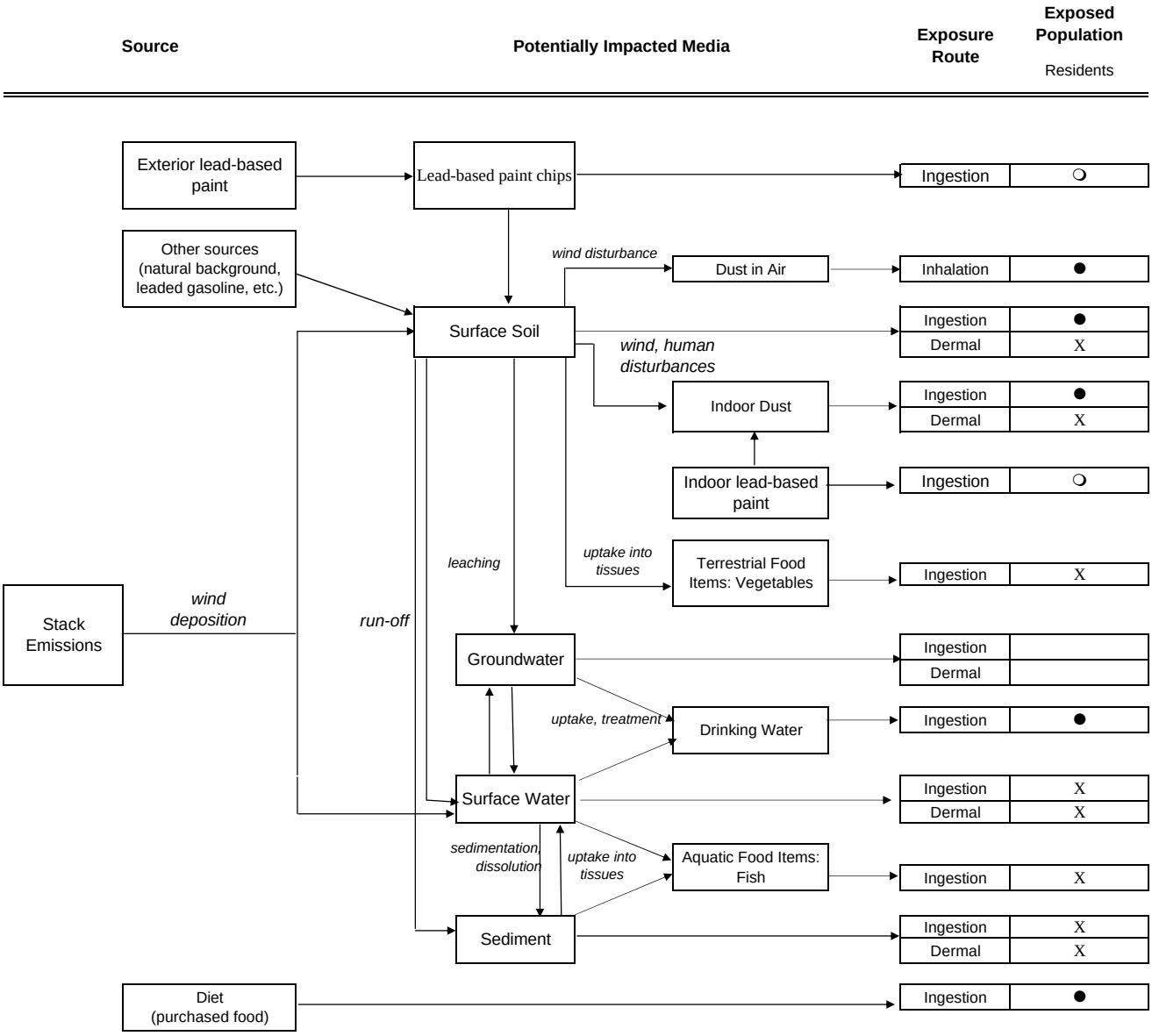

LEGEND

●	Pathway is complete and might be significant; sufficient data are available for quantitative evaluation
❍	Pathway is complete and might be significant; insufficient data are available for quantitative evaluation
X	Pathway is or may be complete, however, risk is low or data are lacking. Qualitative evaluation only.
	Pathway is not complete; no evaluation required

FIGURE 4-2. RBA VALUES ESTIMATED FROM IVBA MEASURES IN SOIL

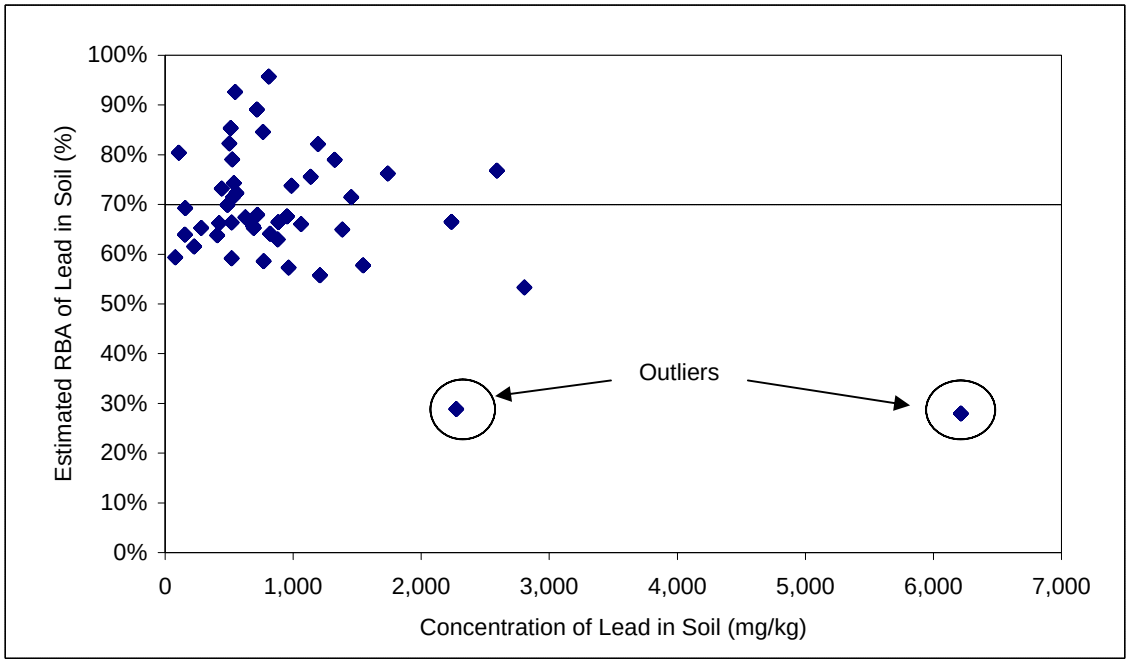

IVBA = *In Vitro* bioaccessibility

RBA = Relative bioavailability

FIGURE 4-3 RBA VALUES ESTIMATED FROM IVBA MEASURES IN DUST

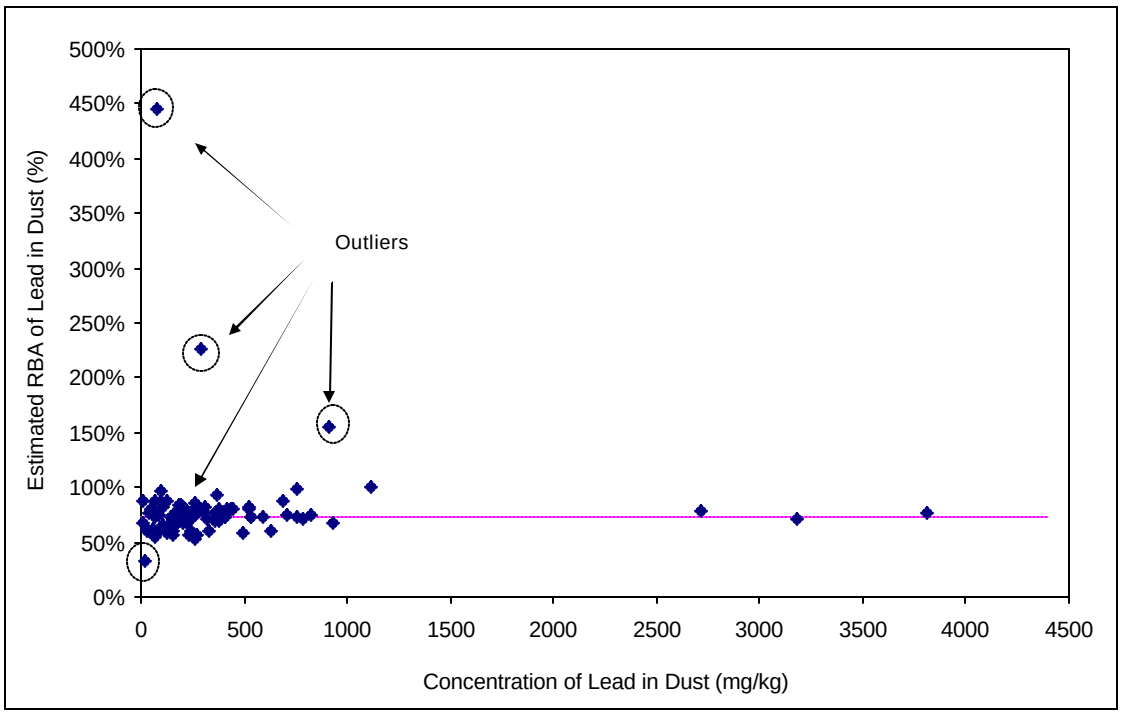

IVBA = *In Vitro* bioaccessibility

RBA = Relative bioavailability

Figure 4-4. Percent of Properties in the Final Focus Area that Exceed EPA's Health Based Goal for Lead (P10>5%)

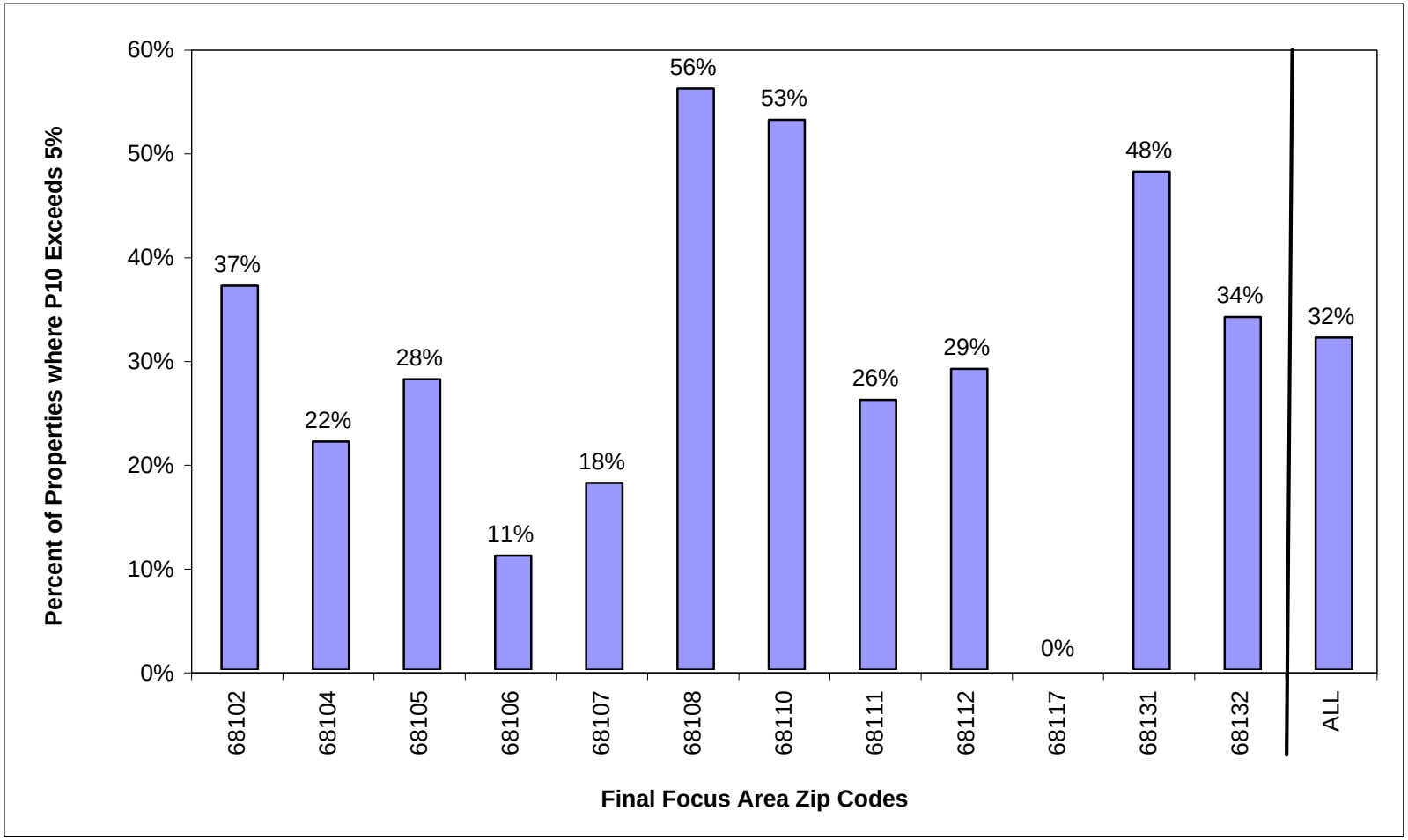

P10 = probability of having a blood lead level that exceeds 10 µg/dL

Figure 5-1. Site Conceptual Model for Human Exposure to Non-Lead COPCs at the Omaha Lead Site

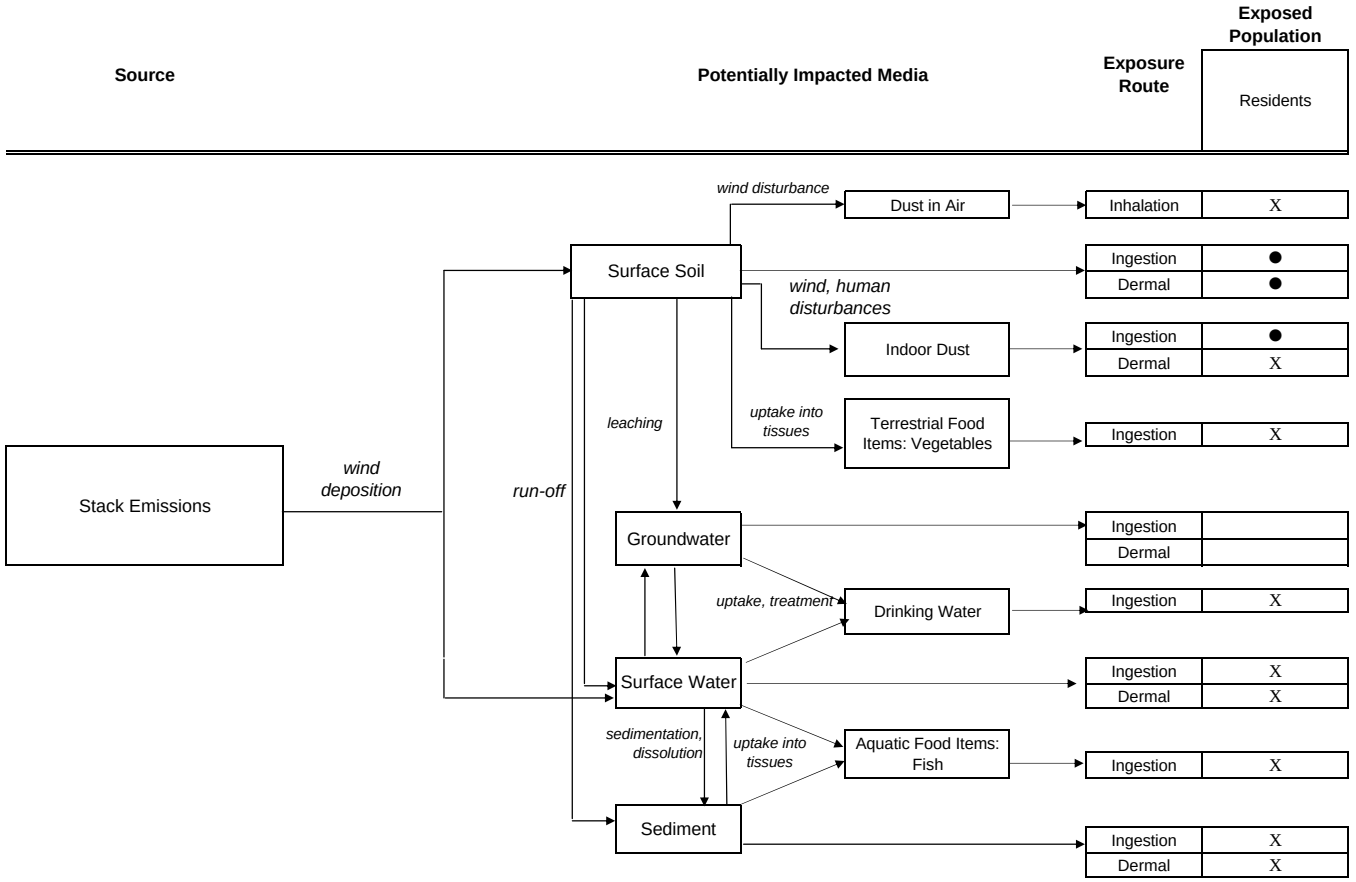

LEGEND

●	Pathway is complete and might be significant; sufficient data are available for quantitative evaluation
❍	Pathway is complete and might be significant; insufficient data are available for quantitative evaluation
X	Pathway is or may be complete, however, risk is low or data are lacking. Qualitative evaluation only.
	Pathway is not complete; no evaluation required

APPENDIX A

DERIVATION OF THE FINAL FOCUS AREA BOUNDARY USING GEOSPATIAL ANALYSIS

APPENDIX A
DERIVATION OF THE FINAL FOCUS AREA BOUNDARY USING GEOSPATIAL ANALYSIS

1.0 INTRODUCTION

As discussed in the risk assessment, when there has been a release of a hazardous substance at a Superfund site, the EPA seeks to define the nature and extent of the environmental contamination by performing a Remedial Investigation (RI). The spatial bounds of the RI are not set by any *a priori* definition, but are determined by the results of the RI.

At the Omaha Lead Site (OLS), the original boundary of the focus area was established at the time the site was added to the National Priorities List by establishing a perimeter surrounding properties that had been determined at the time to have a soil lead concentration that exceeded 1,200 milligrams per kilogram (mg/kg). This area encompassed approximately 13.8 square miles. As RI sampling continued, the focus area was expanded to include a total of about 20 square miles, bounded by Ames Avenue to the north, L Street to the south, 45th Street to the west, and the Missouri River to the. In 2004, the focus area was further expanded to include a portion of the area bounded by Redick Street to the north, Harrison Street to the south and 52nd Street to the west. This Expanded Focus Area is shown in Figure A-1.

As a final step in the delineation of the focus area, geospatial analysis of available data on lead levels in soils was performed in order to determine if the Expanded Focus Area was sufficient, or if a final expansion was needed. The purpose of this Appendix is to describe this geospatial analysis and the delineation of the Final Focus Area Boundary.

2.0 OVERVIEW OF THE STRATEGY

EPA considered two strategies for the geospatial analysis. In the first approach, the goal of the analysis would be to identify a boundary beyond which the increase in soil lead concentrations due to lead emissions from the former smelters was sufficiently small (e.g., < 10 mg/kg) that it would be negligible compared to naturally occurring levels of lead in soil. This approach is very difficult to implement, however, because of the inherent variability in lead levels in soil from naturally occurring and other non-smelter sources. For this reason, EPA chose to implement a second approach that focused on whether or not the average concentration of lead in soil at a property is above 400 mg/kg (the default level of concern and soil screening level for residential properties). If a property has a mean concentration in yard soil above 400 mg/kg, it is considered likely that deposition from historic smelter releases is a significant contributing factor, although other sources of lead (naturally occurring background levels, releases from paint, automobile exhaust, etc.) may also contribute in some cases.

Ideally, the boundary would be selected to include every property with a mean soil concentration above 400 mg/kg. However, since it would not be possible to identify such properties without testing, this would, in essence, extend the study boundary indefinitely. However, the area requiring investigation can be limited by focusing on the density (frequency) of properties above 400 mg/kg. That is, it is expected that the density of impacted properties will be highest near the former smelters, and then tend to decrease as a function of distance away from the smelters. Based on this, the goal of the geospatial analysis was to identify a boundary such that the density of properties with mean concentrations above 400 mg/kg drops below 5% outside the boundary.

This analysis is performed to assure that there are no neighborhoods excluded from the Final Focus Area where the frequency of properties with average mid-yard soil lead levels exceeding 400 ppm is greater than 5%. This analysis is not intended to exclude properties with soil lead levels exceeding 400 ppm in areas outside of the 5% boundary which have been significantly impacted from former lead smelting/refining operations. Rather, the geospatial analysis assures that no significantly impacted neighborhoods are overlooked. EPA believes that it is necessary and justified for protection of human health to include the properties within the 2004 Expanded Focus Area and newly identified properties resulting from the geospatial analysis within the Final Focus Area.

EPA recognizes that a limited number of properties beyond the Final Focus Area boundary may have concentrations above 400 mg/kg, and that smelter releases may be a contributing factor in some cases. Such properties are expected to be infrequent. In most cases the average soil lead levels at properties outside the Final Focus Area will be below a level of health concern, and the contribution of former smelter/refinery releases to soil lead will usually tend to be decreased..

3.0 MATHEMATICAL METHODS

3.1 Calculating the Mean Concentration at Each Property

The mean concentration of lead at each property was computed as detailed in Appendix B and Section 4.4.1. In brief, the mean was computed as the average of all surface soil (0-1 inch) composite samples from the yard, garden, or play area. Samples from the drip zone were not included.

3.2 Calculating the Density of Properties Above 400 mg/kg

The density, or percentage, of properties with mean concentrations above 400 mg/kg was calculated on a *neighborhood* basis. The *neighborhood* of a given property consists of all other properties that are located within 500 meters of the property. This calculation was implemented using the *neighborhood statistics* function of ESRI's Spatial Analyst extension with a 500 meter radius moving circular window. The result is that each property is assigned a value that

represents the density (frequency) of properties in the *neighborhood* of that property (including the property itself) with a mean soil lead concentration above 400 mg/kg. The interpolation function of the Spatial Analyst extension was then used with this grid of values to generate a contour line that connected points on the grid with values of 5%.

4.0 RESULTS

The resulting geospatial contour is indicated by the green line shown in Figure A-2. The green line includes all properties that are located in *neighborhoods* in which 5% or more of the properties have a mean concentration exceeding 400 mg/kg.

The isolated shapes or "islands" which can be found northwest and southwest of the estimated site boundary are artifacts that occur when the number of properties in a neighborhood is small, or there is a large gap between sampled parcels (or both). For example, the crescent-shaped island that is between Highway 6 and Highway 275 is due to the combination of the isolated parcels that are located near the crescent shape and the two parcels located closest to, but outside of, the estimated site boundary, which have mean concentrations exceeding 400 mg/kg. The neighborhoods of these isolated parcels include one or both of the parcels with mean concentrations exceeding 400 mg/kg. However, the combination of the gap between these isolated parcels, and the isolation of the two parcels with mean concentrations greater than 400 mg/kg (relative to other parcels with mean concentrations greater than 400 mg/kg), provides insufficient evidence to conclude that the neighborhoods located within the crescent are actually impacted by smelter releases. Similar arguments can be made for the other isolated shapes that are present in the map. While the algorithm could have been modified to eliminate neighborhoods with less than a selected minimum number of parcels, and those that included isolated parcels with mean concentrations exceeding 400 mg/kg, the selection of the criteria that excluded neighborhoods would have been arbitrary. It seemed more transparent to include all neighborhoods in the estimation of the boundary location and then consider how the boundary was estimated when interpreting the results.

5.0 FINAL FOCUS AREA BOUNDARY

As indicated in Figure A-2, most of the boundary determined by the geospatial analysis is included within the Expanded Focus Area boundary. However, portions of the geospatial boundary extended outside Expanded Focus Area on the western and northern edges. Consequently, the focus area was expanded to include these additional areas, as shown by the purple line in Figure A-3. The resulting boundary is referred to as the Final Focus Area.

6.0 UNCERTAINTY

The large amount of data that are available at this site to estimate the location of the study area boundary provides a generally high level of confidence in the results. However, several sections

of boundary along the western edge are located near the geographic extent of the available data, which increases the uncertainty somewhat in that area. The uncertainty in the location of the boundary along the western edge of the site may be lessened by the collection of additional data in this portion of the Final Focus Area.

Figure A-1 Expanded Focus Area
Omaha Lead Site

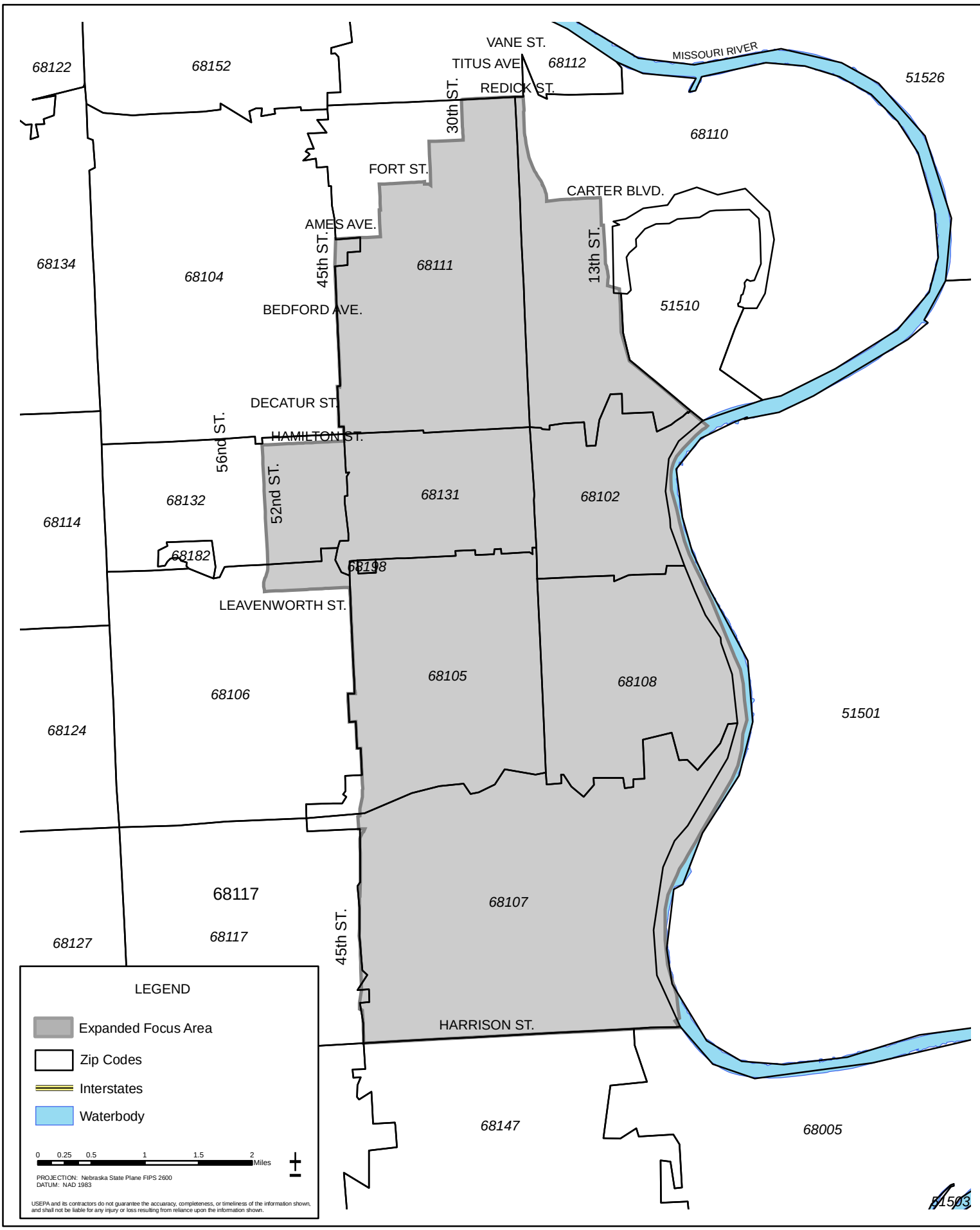

Figure A-2. Geospatial Boundary

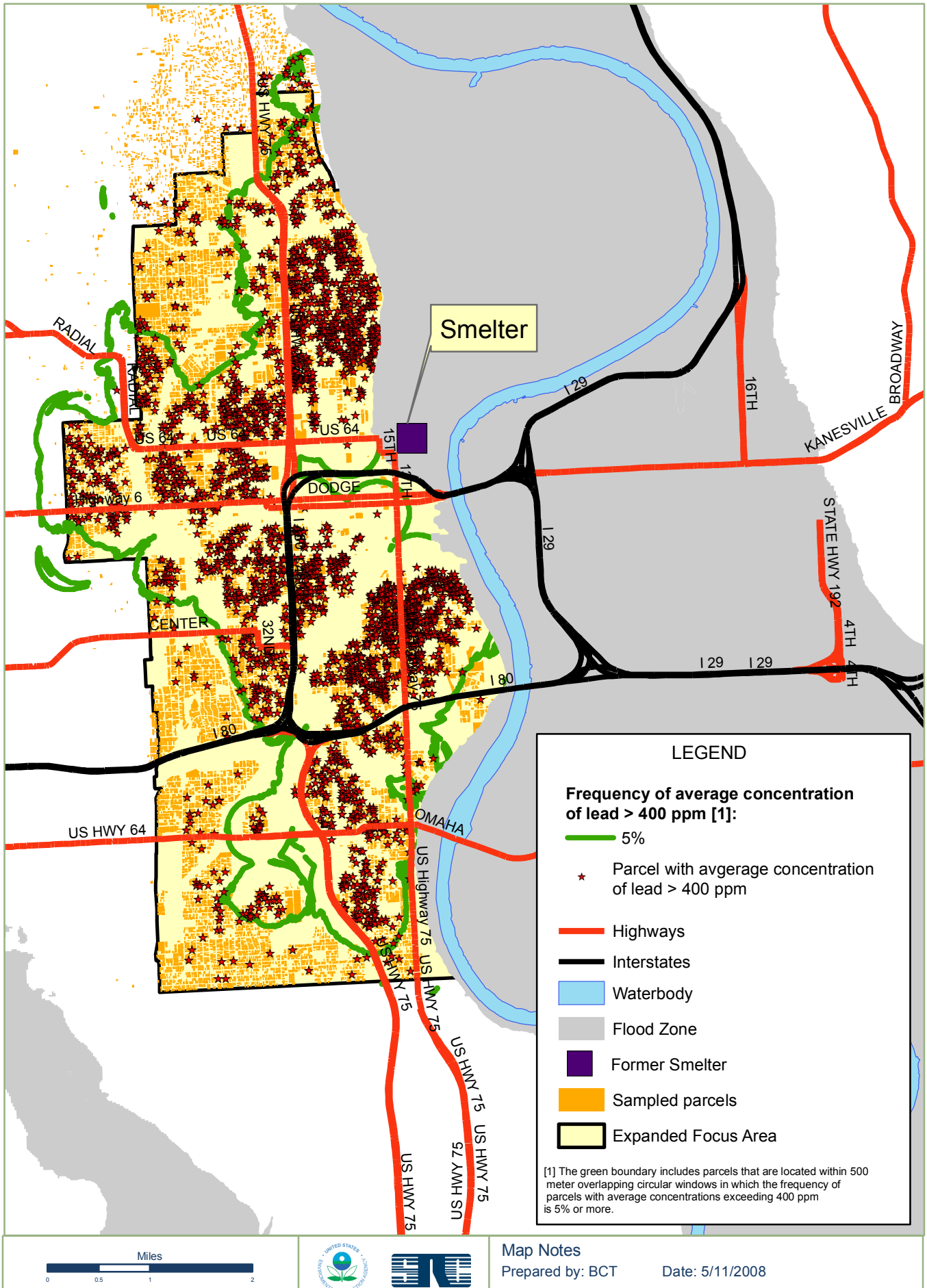

Figure A-3 Focus Area Boundaries
Omaha Lead Site

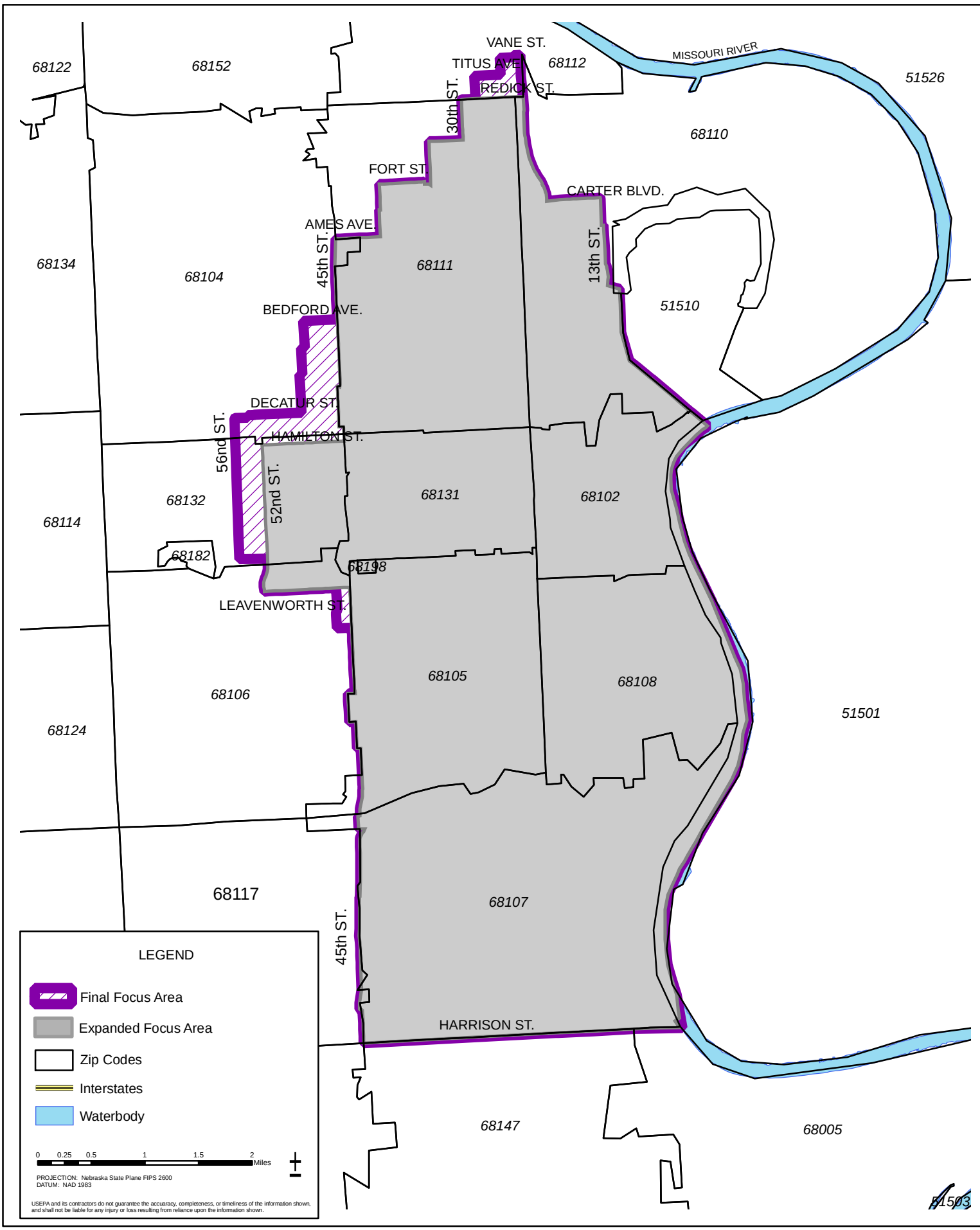

APPENDIX B

ELECTRONIC DATA AND DATABASE QUERIES

B-1. Omaha Database
B-2. Omaha Database Query Summary
B-3. *In Vivo* Relative Bioavailability of Lead in Soil
B-4. *In Vitro* Bioaccessibility of Lead in Soil and Dust

B-1. OMAHA DATABASE

The database is a Microsoft Access Database file entitled, *OmahaleadData.mdb.*

The database is provided as an attachment to this pdf file.

To access the database, first click on the gray tab entitled, "attachments" in the far left side of this .pdf file. Then, double click on the file, *OmahaleadData.mdb,* in the attachment window to open the database. Note this requires having Microsoft Access installed on your computer.

Due to the large size of the database, please allow a few minutes for the *OmahaleadData.mbd* file to open.

B-2. OMAHA DATABASE QUERY SUMMARY

This document provides a description of a number of database queries that were used in the preparation and analysis of the soil database for the Omaha Lead Site. This electronic database and all of the queries described below are provided electronically as part of this Appendix.

For each query, the following sections describe the purpose of the query, the name of the query, and the SQL code that implements the query. This information is provided to help reviewers of this risk assessment understand, repeat and verify all of the data operations that have been performed during the risk assessment.

1.0 Pre-Queries

The purpose of the pre-queries is to format the data so that it is usable in later queries.

PreQuery1_XRF_Null Records_ID

Purpose: Identify XRF records for which the results are not populated. A column was manually inserted in Btbl_ASSESSMENT_SAMPLING_DETAIL and was labeled "NULL" then the query was run.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[NULL] = "X"
WHERE ((([Btbl_ASSESSMENT_SAMPLING_DETAIL]![FINAL_RESULTS]) Is Null) AND
(([Btbl_ASSESSMENT_SAMPLING_DETAIL]![QLIMIT]) Is Null));
```

PreQuery1b_XRF_Null Records_Make Table of Null

Purpose: Create a new table containing records XRF records for which the results are not populated.

SQL Code:
```
SELECT Btbl_ASSESSMENT_SAMPLING_DETAIL.* INTO
Btbl_ASSESSMENT_SAMPLING_DETAIL_NULL
FROM Btbl_ASSESSMENT_SAMPLING_DETAIL
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.[NULL])="X"));
```

PreQuery1c_XRF_Null Records_Delete Null

Purpose: Remove records from XRF table that do not contain results.

SQL Code:
```
DELETE Btbl_ASSESSMENT_SAMPLING_DETAIL.[NULL]
FROM Btbl_ASSESSMENT_SAMPLING_DETAIL
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.[NULL])="X"));
```

PreQuery2a_XRF_populate ND_VALUE

Purpose: Create a column that is equal to the "ND" column but is formatted to contain numbers not text. A column was manually inserted in Btbl_ASSESSMENT_SAMPLING_DETAIL and was labeled "ND_VALUE" then the query was run.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE =
Btbl_ASSESSMENT_SAMPLING_DETAIL!ND;
```

PreQuery2b_XRF_populate QLIMIT_VALUE

Purpose: Create a column that is equal to the "QLIMIT" column but is formatted to contain numbers not text. A column was manually inserted in Btbl_ASSESSMENT_SAMPLING_DETAIL and was labeled "QLIMIT_VALUE" then the query was run.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[QLIMIT VALUE] =
Btbl_ASSESSMENT_SAMPLING_DETAIL!QLIMIT;
```

PreQuery3a_XRF_SRC Exclude 3 cat 0

Purpose: Create a column labeled "SRC EXCLUDE" that will identify a set of records SRC chose to exclude from the dataset. A column was manually inserted then the query was run.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[SRC EXCLUDE] = "X"
```

WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE)=0) AND ((Btbl_ASSESSMENT_SAMPLING_DETAIL.FINAL_RESULTS)=0) AND ((Btbl_ASSESSMENT_SAMPLING_DETAIL.[QLIMIT VALUE])=0));

PreQuery3b_XRF_SRC Exclude nd1, result null, q 0

Purpose: Identify an additional set of records SRC chose to exclude from the dataset.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[SRC EXCLUDE] = "X"
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE)=1) AND
((Btbl_ASSESSMENT_SAMPLING_DETAIL.FINAL_RESULTS) Is Null) AND
((Btbl_ASSESSMENT_SAMPLING_DETAIL.[QLIMIT VALUE])=0));
```

PreQuery3c_XRF_SRC Exclude nd0, result neg

Purpose: Identify an additional set of records SRC chose to exclude from the dataset.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[SRC EXCLUDE] = "X"
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE)=0) AND
((Btbl_ASSESSMENT_SAMPLING_DETAIL.FINAL_RESULTS)<0));
```

PreQuery4a_XRF_Populate Results Rev

Purpose: Create a column labeled “FINAL_RESULTS REV” that is the same as “FINAL_RESULTS” and will later be modified when results are non-detect. This column was manually added and then the query was run.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[FINAL_RESULTS REV] =
[Btbl_ASSESSMENT_SAMPLING_DETAIL]![FINAL_RESULTS]
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE)=0) AND
((Btbl_ASSESSMENT_SAMPLING_DETAIL.[SRC EXCLUDE]) Is Null));
```

PreQuery4b_XRF_Populate Results Rev ND Adj

Purpose: Adjust non-detect results to be one-half the QLIMIT.

SQL Code:
```
UPDATE Btbl_ASSESSMENT_SAMPLING_DETAIL SET
Btbl_ASSESSMENT_SAMPLING_DETAIL.[FINAL_RESULTS REV] =
[Btbl_ASSESSMENT_SAMPLING_DETAIL]![QLIMIT VALUE]/2
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE)=1) AND
((Btbl_ASSESSMENT_SAMPLING_DETAIL.[SRC EXCLUDE]) Is Null));
```

PreQuery5a_ICP_Populate Results Value

Purpose: Create a column similar to “FINAL_RESULT”, but format the data to be a number. “FINAL RESULT_VALUE” was manually added to the table and the query was run.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT_VALUE] =
Btbl_ICP_ASSESSMENT_SAMPLING_EPA!FINAL_RESULT;
```

PreQuery5b_ICP_Populate QLIMT Value

Purpose: Create a column that is equal to the “QLIMIT” column but is formatted to contain numbers not text. A column was manually inserted in Btbl_ASSESSMENT_SAMPLING_DETAIL and was labeled “QLIMIT_VALUE” then the query was run.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.QLIMIT_VALUE =
Btbl_ICP_ASSESSMENT_SAMPLING_EPA!QLIMIT;
```

PreQuery6a_ICP_Populate ND_Value w 0

Purpose: Populate the “ND_VALUE” column with “0”

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE = 0;
```

PreQuery6b_ICP_Populate ND_Value w 1

Purpose: Revise the “ND_VALUE” column to be “1” when the “DETCTION_ID” is “U” or “UJ”.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE = 1
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.DETECTION_ID)="U" Or
(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.DETECTION_ID)="UJ"));
```

PreQuery7a_ICP_SRC Exclude result and Qlimit null

Purpose: Populate the “EXCLUDE” column with an “X” when both the “FINAL_RESULT” and “QLIMIT” are null.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE] = "X"
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.FINAL_RESULT) Is Null) AND
((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.QLIMIT) Is Null));
```

PreQuery7b_ICP_SRC Exclude Detect ID R

Purpose: Populate the “EXCLUDE” column with an “X” when the “DETECTION_ID” is an “R”.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE] = "X"
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.DETECTION_ID)="R"));
```

PreQuery7c_ICP_SRC Exclude result and Qlimit 0

Purpose: Populate the “EXCLUDE” column with an “X” when the “FINAL_RESULT” and the “QLIMIT” are zero.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE] = "X"
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.FINAL_RESULT)="0") AND
((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.QLIMIT)="0"));
```

PreQuery8a_ICP_Populate Results Rev

Purpose: Populate “FINAL RESULT_REV” with what is contained in “FINAL RESULT_VALUE” when the result was detected and not excluded.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV] =
Btbl_ICP_ASSESSMENT_SAMPLING_EPA![FINAL RESULT_VALUE]
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE)=0) AND
((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null));
```

PreQuery8b_ICP_Populate Results Rev ND Adj

Purpose: Populate the result in “FINAL RESULT_REV” to be one-half the “QLIMIT_VALUE” when the result is indicated to be non-detect (“ND_VALUE” is 1).

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV] =
Btbl_ICP_ASSESSMENT_SAMPLING_EPA!QLIMIT_VALUE/2
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE)=1) AND
((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null));
```

PreQuery8c_ICP_Populate Results Rev ND Adj no Qlimit but result

Purpose: Populate the result in “FINAL RESULT_REV” to be one-half the “FINAL RESULT_VALUE” when the result is indicated to be non-detect (“ND_VALUE” is 1) and the QLIMIT is not available.

SQL Code:
```
UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV] =
Btbl_ICP_ASSESSMENT_SAMPLING_EPA![FINAL RESULT_VALUE]/2
```

WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE)=1) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.QLIMIT_VALUE) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null));

PreQuery8d_ICP_Populate Results Rev ND Adj detect but result 0

Purpose: Populate the result in "FINAL RESULT_REV" to be one-half the "QLIMIT_VALUE" when the result is "0" and not indicated to be non-detect ("ND_VALUE" is "0").

SQL Code: UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV] = Btbl_ICP_ASSESSMENT_SAMPLING_EPA!QLIMIT_VALUE/2
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT_VALUE])=0) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE)=0) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null));

PreQuery8e_ICP_Populate Results Rev ND Adj detect but result nul

Purpose: Populate the result in "FINAL RESULT_REV" to be one-half the "QLIMIT_VALUE" when the result is null and not indicated to be non-detect ("ND_VALUE" is "0").

SQL Code: UPDATE Btbl_ICP_ASSESSMENT_SAMPLING_EPA SET Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV] = Btbl_ICP_ASSESSMENT_SAMPLING_EPA!QLIMIT_VALUE/2
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT_VALUE]) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE)=0) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null));

PreQuery9a_Populate Zip in new FFA

Purpose: Populate the Zip Code in table FFA_091808.

SQL Code: UPDATE FFA_091808 INNER JOIN [FFAprop_5-27-08] ON FFA_091808.SAMPLE_AREA_ID = [FFAprop_5-27-08].SAMPLE_ARE SET FFA_091808.[Zip Code] = [FFAprop_5-27-08]!ZIP;

Note: 5 properties needed manual entry of zip (propertyid is null). This information was provided via email correspondence.

PreQuery9b_Populate Property ID in new FFA

Purpose: Populate the PROPERTY_ID in table FFA_091808.

SQL Code: UPDATE FFA_091808 INNER JOIN [FFAprop_5-27-08] ON FFA_091808.SAMPLE_AREA_ID = [FFAprop_5-27-08].SAMPLE_ARE SET FFA_091808.PROPERTY_ID = [FFAprop_5-27-08]!PROPERTY_I;

2.0 Main Queries

The purpose of the main queries is to create summaries of the data by property.

Step00_XRF_SCPXA id

Purpose: Identify samples for use in the risk assessment. These sample contain "scpxa" in the "SAMPLE_ID", where:
S = soil
C = Composite
P = Primary
X = XRF
A = sampled at 0-2 inches

SQL Code: UPDATE [Btbl_ASSESSMENT_SAMPLING-xrf] SET [Btbl_ASSESSMENT_SAMPLING-xrf].lcw_SCPXA = "X"
WHERE ((([Btbl_ASSESSMENT_SAMPLING-xrf].SAMPLE_ID) Like "*scpxa*"));

Step01_ICP_create full sample list

Purpose: Create a table of the ICP samples with additional columns (“lcw_SCPLA”, “lcw_Dripline”, and “lcw_ICPwoXRF”).

SQL Code:
```
SELECT Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_ID,
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_DATE,
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_AREA_ID, "" AS lcw_SCPLA, "" AS
lcw_Dripline, "" AS lcw_ICPwoXRF INTO [Btbl_ASSESSMENT_SAMPLING-icp]
FROM Btbl_ICP_ASSESSMENT_SAMPLING_EPA
GROUP BY Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_ID,
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_DATE,
Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_AREA_ID, "", "", "";
```

Step02_ICP_SCPLA id

Purpose: Populate “lcw_SCPLA” with an “X” if “SCPLA” is contained in the”SAMPLE_ID” column where:
S = soil
C = Composite
P = Primary
L = Laboratory
A = sampled at 0-2 inches

SQL Code:
```
UPDATE [Btbl_ASSESSMENT_SAMPLING-icp] SET [Btbl_ASSESSMENT_SAMPLING-
icp].lcw_SCPLA = "X"
WHERE ((([Btbl_ASSESSMENT_SAMPLING-icp].SAMPLE_ID) Like "*SCPLA*"));
```

Step03a_XRF_dripline id

Purpose: Populate “lcw_Dripline” with an “X” if the “SAMPLE_ID” contained a “D” to indicate it is a dripline sample.

SQL Code:
```
UPDATE [Btbl_ASSESSMENT_SAMPLING-xrf] SET [Btbl_ASSESSMENT_SAMPLING-
xrf].lcw_Dripline = "X"
WHERE ((([Btbl_ASSESSMENT_SAMPLING-xrf].SAMPLE_ID) Like "?D*"));
```

Step03b_ICP_dripline id

Purpose: Populate “lcw_Dripline” with an “X” if the “SAMPLE_ID” contained a “D” to indicate it is a dripline sample.

SQL Code:
```
UPDATE [Btbl_ASSESSMENT_SAMPLING-icp] SET [Btbl_ASSESSMENT_SAMPLING-
icp].lcw_Dripline = "X"
WHERE ((([Btbl_ASSESSMENT_SAMPLING-icp].SAMPLE_ID) Like "?D*"));
```

Step04_assign remed status

Purpose: Assign the remediation status to the “SAMPLE_AREA_ID” according to the “CONTRACTOR_ID” and “EXCAVATION_END_DATE”.

SQL Code:
```
UPDATE FFA_091808 INNER JOIN OMAHALEAD_SOIL_REMEDIATION ON
FFA_091808.SAMPLE_AREA_ID =
OMAHALEAD_SOIL_REMEDIATION.SAMPLE_AREA_ID SET FFA_091808.lcw_Remed =
"X"
WHERE (((OMAHALEAD_SOIL_REMEDIATION.CONTRACTOR_ID)<22) AND
((OMAHALEAD_SOIL_REMEDIATION.EXCAVATION_END_DATE) Is Not Null));
```

Step05_QUERY NO LONGER NEEDED

Note: This query is no longer needed, however, renaming downstream queries would require revision if removed and other queries were renamed.

Step06a_XRF_sample subset

Purpose: Select the XRF results that meet the sample type criteria.

SQL Code: SELECT FFA_091808.PROPERTY_ID, FFA_091808.SAMPLE_AREA_ID, FFA_091808.[Zip Code], Left([SAMPLE_ID],3) AS LocationDecode, [Btbl_ASSESSMENT_SAMPLING-xrf].SAMPLE_ID
FROM FFA_091808 INNER JOIN [Btbl_ASSESSMENT_SAMPLING-xrf] ON FFA_091808.SAMPLE_AREA_ID = [Btbl_ASSESSMENT_SAMPLING-xrf].SAMPLE_AREA_ID
WHERE ((([Btbl_ASSESSMENT_SAMPLING-xrf].lcw_SCPXA)="X") AND (([Btbl_ASSESSMENT_SAMPLING-xrf].lcw_Dripline) Is Null) AND (([Btbl_ASSESSMENT_SAMPLING-xrf].INVALID) Is Null) AND ((FFA_091808.lcw_Remed) Is Null))
GROUP BY FFA_091808.PROPERTY_ID, FFA_091808.SAMPLE_AREA_ID, FFA_091808.[Zip Code], [Btbl_ASSESSMENT_SAMPLING-xrf].SAMPLE_ID;

Step06b_ICP_sample subset

Purpose: Select the ICP results that meet the sample type criteria.

SQL Code: SELECT FFA_091808.PROPERTY_ID, FFA_091808.SAMPLE_AREA_ID, FFA_091808.[Zip Code], Left([SAMPLE_ID],3) AS LocationDecode, [Btbl_ASSESSMENT_SAMPLING-icp].SAMPLE_ID
FROM FFA_091808 INNER JOIN [Btbl_ASSESSMENT_SAMPLING-icp] ON FFA_091808.SAMPLE_AREA_ID = [Btbl_ASSESSMENT_SAMPLING-icp].SAMPLE_AREA_ID
WHERE ((([Btbl_ASSESSMENT_SAMPLING-icp].lcw_SCPLA)="X") AND (([Btbl_ASSESSMENT_SAMPLING-icp].lcw_Dripline) Is Null) AND ((FFA_091808.lcw_Remed) Is Null))
GROUP BY FFA_091808.PROPERTY_ID, FFA_091808.SAMPLE_AREA_ID, FFA_091808.[Zip Code], [Btbl_ASSESSMENT_SAMPLING-icp].SAMPLE_ID;

Step07_ICP wo XRF

Purpose: Create a table that contains the Sample Area IDs that have ICP results without paired XRF results.

SQL Code: SELECT [Step06a_XRF_sample subset].PROPERTY_ID AS Expr1, [Step06a_XRF_sample subset].SAMPLE_AREA_ID AS Expr2, [Step06a_XRF_sample subset].LocationDecode, [Step06a_XRF_sample subset].SAMPLE_ID AS XRF_SAMPLE_ID, [Step06b_ICP_sample subset].SAMPLE_ID AS ICP_SAMPLE_ID INTO [temp_ICP wo XRF]
FROM [Step06a_XRF_sample subset] INNER JOIN [Step06b_ICP_sample subset] ON ([Step06b_ICP_sample subset].PROPERTY_ID = [Step06a_XRF_sample subset].PROPERTY_ID) AND ([Step06b_ICP_sample subset].SAMPLE_AREA_ID = [Step06a_XRF_sample subset].SAMPLE_AREA_ID) AND ([Step06a_XRF_sample subset].LocationDecode = [Step06b_ICP_sample subset].LocationDecode)
WHERE ((([Step06a_XRF_sample subset].SAMPLE_ID) Is Null));

Step08_exclude ICP wo XRF

Purpose: Update the ICP table of results to identify those that do not have paired XRF results.

SQL Code: UPDATE [temp_ICP wo XRF] INNER JOIN [Btbl_ASSESSMENT_SAMPLING-icp] ON [temp_ICP wo XRF].ICP_SAMPLE_ID = [Btbl_ASSESSMENT_SAMPLING-icp].SAMPLE_ID
SET [Btbl_ASSESSMENT_SAMPLING-icp].lcw_ICPwoXRF = "X";

Step09a_XRF and ICP id summary

Purpose: Create a summary table of the property information and the paired XRF and ICP “SAMPLE_ID”s.

SQL Code: SELECT [Step06a_XRF_sample subset].PROPERTY_ID, [Step06a_XRF_sample subset].SAMPLE_AREA_ID, [Step06a_XRF_sample subset].LocationDecode, "" AS AreaType, [Step06a_XRF_sample subset].[Zip Code], [Step06a_XRF_sample subset].SAMPLE_ID AS XRF_SAMPLE_ID, [Step06b_ICP_sample subset].SAMPLE_ID AS ICP_SAMPLE_ID INTO [temp_XRF and ICP id summary]
FROM [Step06a_XRF_sample subset] LEFT JOIN [Step06b_ICP_sample subset] ON ([Step06a_XRF_sample subset].LocationDecode = [Step06b_ICP_sample subset].LocationDecode) AND ([Step06a_XRF_sample subset].PROPERTY_ID =

[Step06b_ICP_sample subset].PROPERTY_ID) AND ([Step06a_XRF_sample subset].SAMPLE_AREA_ID = [Step06b_ICP_sample subset].SAMPLE_AREA_ID);

Step09b_area type = garden

Purpose: Add the column AreaType and populate it with “garden” if the sample was indicated to be collected there.

SQL Code: UPDATE [temp_XRF and ICP id summary] SET [temp_XRF and ICP id summary].AreaType = "Garden"
WHERE ((([temp_XRF and ICP id summary].LocationDecode) Like "?G?"));

Step09c_area type = play

Purpose: Populate the column AreaType with “Play” if the sample was indicated to be collected in the play area.

SQL Code: UPDATE [temp_XRF and ICP id summary] SET [temp_XRF and ICP id summary].AreaType = "Play"
WHERE ((([temp_XRF and ICP id summary].LocationDecode) Like "?P?"));

Step09d_area type = yard A

Purpose: Populate the column AreaType with “Yard A” if the sample was indicated to be collected in the there.

SQL Code: UPDATE [temp_XRF and ICP id summary] SET [temp_XRF and ICP id summary].AreaType = "Yard A"
WHERE ((([temp_XRF and ICP id summary].LocationDecode) Like "?YA"));

Step09e_area type = yard B

Purpose: Populate the column AreaType with “Yard B” if the sample was indicated to be collected in the there.

SQL Code: UPDATE [temp_XRF and ICP id summary] SET [temp_XRF and ICP id summary].AreaType = "Yard B"
WHERE ((([temp_XRF and ICP id summary].LocationDecode) Like "?YB"));

Step09f_area type = yard C

Purpose: Populate the column AreaType with “Yard C” if the sample was indicated to be collected in the there.

SQL Code: UPDATE [temp_XRF and ICP id summary] SET [temp_XRF and ICP id summary].AreaType = "Yard C"
WHERE ((([temp_XRF and ICP id summary].LocationDecode) Like "?YC"));

Step09g_area type = yard D

Purpose: Populate the column AreaType with “Yard D” if the sample was indicated to be collected in the there.

SQL Code: UPDATE [temp_XRF and ICP id summary] SET [temp_XRF and ICP id summary].AreaType = "Yard D"
WHERE ((([temp_XRF and ICP id summary].LocationDecode) Like "?YD"));

Step10a_ICP Zn sample results_avg by area type

Purpose: Calculate the average ICP zinc concentration by area type.

SQL Code: SELECT [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME, Btbl_ICP_ASSESSMENT_SAMPLING_EPA.UNITS, Count(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_N Results], Sum(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE) AS [ICP_N Detect Results], Avg(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_Avg Result], Max(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_Max Result]

FROM [temp_XRF and ICP id summary] INNER JOIN Btbl_ICP_ASSESSMENT_SAMPLING_EPA ON [temp_XRF and ICP id summary].ICP_SAMPLE_ID = Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_ID
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.INVALID) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null)) OR (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.INVALID) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null))
GROUP BY [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME, Btbl_ICP_ASSESSMENT_SAMPLING_EPA.UNITS
HAVING (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME)="ZINC"));

Step10b_ICP Pb sample results_avg by area type

Purpose: Calculate the average ICP lead concentration by area type.

SQL Code: SELECT [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME, Btbl_ICP_ASSESSMENT_SAMPLING_EPA.UNITS,
Count(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_N Results], Sum(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE) AS [ICP_N Detect Results], Avg(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_Avg Result], Max(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_Max Result]
FROM [temp_XRF and ICP id summary] INNER JOIN Btbl_ICP_ASSESSMENT_SAMPLING_EPA ON [temp_XRF and ICP id summary].ICP_SAMPLE_ID = Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_ID
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.INVALID) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null)) OR (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.INVALID) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null))
GROUP BY [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME, Btbl_ICP_ASSESSMENT_SAMPLING_EPA.UNITS
HAVING (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME)="LEAD"));

Step10c_ICP non-Pb&Zn sample results_avg by area type

Purpose: Calculate the average ICP non-lead and non-zinc concentration by area type.

SQL Code: SELECT [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME, Btbl_ICP_ASSESSMENT_SAMPLING_EPA.UNITS,
Count(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_N Results], Sum(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ND_VALUE) AS [ICP_N Detect Results], Avg(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_Avg Result], Max(Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[FINAL RESULT REV]) AS [ICP_Max Result]
FROM [temp_XRF and ICP id summary] INNER JOIN Btbl_ICP_ASSESSMENT_SAMPLING_EPA ON [temp_XRF and ICP id summary].ICP_SAMPLE_ID = Btbl_ICP_ASSESSMENT_SAMPLING_EPA.SAMPLE_ID
WHERE (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.INVALID) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null)) OR (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.INVALID) Is Null) AND ((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.[SRC EXCLUDE]) Is Null))

GROUP BY [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME, Btbl_ICP_ASSESSMENT_SAMPLING_EPA.UNITS
HAVING (((Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME) Not Like "LEAD" And (Btbl_ICP_ASSESSMENT_SAMPLING_EPA.ANALYTE_NAME) Not Like "ZINC"));

Step11a_XRF Pb sample results

Purpose: Summarize lead XRF results and calculate estimated fine fraction ICP lead results.

SQL Code:
SELECT [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].LocationDecode, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], [temp_XRF and ICP id summary].XRF_SAMPLE_ID, [temp_XRF and ICP id summary].ICP_SAMPLE_ID, Btbl_ASSESSMENT_SAMPLING_DETAIL.ANALYTE_NAME, Btbl_ASSESSMENT_SAMPLING_DETAIL.UNITS, Btbl_ASSESSMENT_SAMPLING_DETAIL.[FINAL_RESULTS REV] AS [XRF_Pb Result], Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE, [XRF_Pb Result]*1.04 AS [XRF_Pb Fine_Adj], [XRF_Pb Fine_Adj]*1.16 AS [XRF_Pb ICPest_adj]
FROM [temp_XRF and ICP id summary] INNER JOIN Btbl_ASSESSMENT_SAMPLING_DETAIL ON [temp_XRF and ICP id summary].XRF_SAMPLE_ID = Btbl_ASSESSMENT_SAMPLING_DETAIL.SAMPLE_ID
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ANALYTE_NAME)="LEAD"));

Step11b_XRF Pb sample results_avg by area type

Purpose: Calculate the average measured XRF and estimated ICP lead concentration by area type.

SQL Code:
SELECT [Step11a_XRF Pb sample results].PROPERTY_ID, [Step11a_XRF Pb sample results].SAMPLE_AREA_ID, [Step11a_XRF Pb sample results].AreaType, [Step11a_XRF Pb sample results].[Zip Code], [Step11a_XRF Pb sample results].ANALYTE_NAME, [Step11a_XRF Pb sample results].UNITS, Count([Step11a_XRF Pb sample results].[XRF_Pb ICPest_adj]) AS [CountOfXRF_Pb ICPest_adj], Avg([Step11a_XRF Pb sample results].[XRF_Pb Result]) AS [AvgOfXRF_Pb Result], Avg([Step11a_XRF Pb sample results].[XRF_Pb ICPest_adj]) AS [AvgOfXRF_Pb ICPest_adj], Max([Step11a_XRF Pb sample results].[XRF_Pb ICPest_adj]) AS [MaxOfXRF_Pb ICPest_adj]
FROM [Step11a_XRF Pb sample results]
GROUP BY [Step11a_XRF Pb sample results].PROPERTY_ID, [Step11a_XRF Pb sample results].SAMPLE_AREA_ID, [Step11a_XRF Pb sample results].AreaType, [Step11a_XRF Pb sample results].[Zip Code], [Step11a_XRF Pb sample results].ANALYTE_NAME, [Step11a_XRF Pb sample results].UNITS;

Step12a_XRF Zn sample results

Purpose: Summarize zinc XRF results and calculate estimated fine fraction ICP zinc results.

SQL Code:
SELECT [temp_XRF and ICP id summary].PROPERTY_ID, [temp_XRF and ICP id summary].SAMPLE_AREA_ID, [temp_XRF and ICP id summary].LocationDecode, [temp_XRF and ICP id summary].AreaType, [temp_XRF and ICP id summary].[Zip Code], [temp_XRF and ICP id summary].XRF_SAMPLE_ID, [temp_XRF and ICP id summary].ICP_SAMPLE_ID, Btbl_ASSESSMENT_SAMPLING_DETAIL.ANALYTE_NAME, Btbl_ASSESSMENT_SAMPLING_DETAIL.UNITS, Btbl_ASSESSMENT_SAMPLING_DETAIL.[FINAL_RESULTS REV] AS [XRF_Zn Result], Btbl_ASSESSMENT_SAMPLING_DETAIL.ND_VALUE, 23+[XRF_Zn Result]*0.89 AS [XRF_Zn ICPest_adj]
FROM [temp_XRF and ICP id summary] INNER JOIN Btbl_ASSESSMENT_SAMPLING_DETAIL ON [temp_XRF and ICP id summary].XRF_SAMPLE_ID = Btbl_ASSESSMENT_SAMPLING_DETAIL.SAMPLE_ID
WHERE (((Btbl_ASSESSMENT_SAMPLING_DETAIL.ANALYTE_NAME)="ZINC"));

Step12b_XRF Zn sample results_avg by area type

Purpose: Calculate the average measured XRF and estimated ICP zinc concentration by area type.

SQL Code:
```
SELECT [Step12a_XRF Zn sample results].PROPERTY_ID, [Step12a_XRF Zn sample results].SAMPLE_AREA_ID, [Step12a_XRF Zn sample results].AreaType, [Step12a_XRF Zn sample results].[Zip Code], [Step12a_XRF Zn sample results].ANALYTE_NAME, [Step12a_XRF Zn sample results].UNITS, Count([Step12a_XRF Zn sample results].[XRF_Zn ICPest_adj]) AS [CountOfXRF_Zn ICPest_adj], Avg([Step12a_XRF Zn sample results].[XRF_Zn Result]) AS [AvgOfXRF_Zn Result], Avg([Step12a_XRF Zn sample results].[XRF_Zn ICPest_adj]) AS [AvgOfXRF_Zn ICPest_adj], Max([Step12a_XRF Zn sample results].[XRF_Zn ICPest_adj]) AS [MaxOfXRF_Zn ICPest_adj]
FROM [Step12a_XRF Zn sample results]
GROUP BY [Step12a_XRF Zn sample results].PROPERTY_ID, [Step12a_XRF Zn sample results].SAMPLE_AREA_ID, [Step12a_XRF Zn sample results].AreaType, [Step12a_XRF Zn sample results].[Zip Code], [Step12a_XRF Zn sample results].ANALYTE_NAME, [Step12a_XRF Zn sample results].UNITS;
```

Step13_create Pb XRF-ICP summary

Purpose: Create a summary table of the lead XRF and ICP average by area results where the ICP result is preferred over the XRF result.

SQL Code:
```
SELECT [Step11b_XRF Pb sample results_avg by area type].PROPERTY_ID, [Step11b_XRF Pb sample results_avg by area type].SAMPLE_AREA_ID, [Step11b_XRF Pb sample results_avg by area type].AreaType, [Step11b_XRF Pb sample results_avg by area type].[Zip Code], [Step11b_XRF Pb sample results_avg by area type].ANALYTE_NAME, [Step11b_XRF Pb sample results_avg by area type].UNITS, [Step11b_XRF Pb sample results_avg by area type].[CountOfXRF_Pb ICPest_adj], [Step11b_XRF Pb sample results_avg by area type].[AvgOfXRF_Pb Result], [Step11b_XRF Pb sample results_avg by area type].[AvgOfXRF_Pb ICPest_adj], [Step11b_XRF Pb sample results_avg by area type].[MaxOfXRF_Pb ICPest_adj], [Step10b_ICP Pb sample results_avg by area type].[ICP_N Results], [Step10b_ICP Pb sample results_avg by area type].[ICP_N Detect Results], [Step10b_ICP Pb sample results_avg by area type]![ICP_Avg Result]*1.04 AS [ICP_Fine_Avg Result], [Step10b_ICP Pb sample results_avg by area type]![ICP_Max Result]*1.04 AS [ICP_Fine_Max Result], IIf([ICP_FIne_Avg Result] Is Null,[AvgOfXRF_Pb ICPest_adj],[ICP_Fine_Avg Result]) AS [Final_Pb Result] INTO [temp_Pb XRF & ICP Summary]
FROM [Step11b_XRF Pb sample results_avg by area type] LEFT JOIN [Step10b_ICP Pb sample results_avg by area type] ON ([Step11b_XRF Pb sample results_avg by area type].AreaType = [Step10b_ICP Pb sample results_avg by area type].AreaType) AND ([Step11b_XRF Pb sample results_avg by area type].SAMPLE_AREA_ID = [Step10b_ICP Pb sample results_avg by area type].SAMPLE_AREA_ID)
WHERE ((([Step11b_XRF Pb sample results_avg by area type].AreaType) Is Not Null) AND (([Step10b_ICP Pb sample results_avg by area type].ANALYTE_NAME) Is Null Or ([Step10b_ICP Pb sample results_avg by area type].ANALYTE_NAME) Like "LEAD"));
```

Step14_create Zn XRF-ICP summary

Purpose: Create a summary table of the zinc XRF and ICP average by area results where the ICP result is preferred over the XRF result.

SQL Code:
```
SELECT [Step12b_XRF Zn sample results_avg by area type].PROPERTY_ID, [Step12b_XRF Zn sample results_avg by area type].SAMPLE_AREA_ID, [Step12b_XRF Zn sample results_avg by area type].AreaType, [Step12b_XRF Zn sample results_avg by area type].[Zip Code], [Step12b_XRF Zn sample results_avg by area type].ANALYTE_NAME, [Step12b_XRF Zn sample results_avg by area type].UNITS, [Step12b_XRF Zn sample results_avg by area type].[CountOfXRF_Zn ICPest_adj], [Step12b_XRF Zn sample results_avg by area type].[AvgOfXRF_Zn Result], [Step12b_XRF Zn sample results_avg by area type].[AvgOfXRF_Zn ICPest_adj], [Step12b_XRF Zn sample results_avg by area type].[MaxOfXRF_Zn ICPest_adj], [Step10a_ICP Zn sample results_avg by area type].[ICP_N Results], [Step10a_ICP Zn sample results_avg by area type].[ICP_N Detect Results],
```

[Step10a_ICP Zn sample results_avg by area type].[ICP_Avg Result], [Step10a_ICP Zn sample results_avg by area type].[ICP_Max Result], IIf([ICP_Avg Result] Is Null,[AvgOfXRF_Zn ICPest_adj],[ICP_Avg Result]) AS [Final_Zn Result] INTO [temp_Zn XRF & ICP Summary]
FROM [Step12b_XRF Zn sample results_avg by area type] LEFT JOIN [Step10a_ICP Zn sample results_avg by area type] ON ([Step12b_XRF Zn sample results_avg by area type].AreaType = [Step10a_ICP Zn sample results_avg by area type].AreaType) AND ([Step12b_XRF Zn sample results_avg by area type].SAMPLE_AREA_ID = [Step10a_ICP Zn sample results_avg by area type].SAMPLE_AREA_ID)
WHERE ((([Step12b_XRF Zn sample results_avg by area type].AreaType) Is Not Null) AND (([Step10a_ICP Zn sample results_avg by area type].ANALYTE_NAME) Is Null Or ([Step10a_ICP Zn sample results_avg by area type].ANALYTE_NAME) Like "ZINC"));

3.0 Statistical Queries

Step15a_Pb Summary Stats

Purpose: Calculate yard-wide summary statistics of the lead results.

SQL Code:
```
SELECT [temp_Pb XRF & ICP Summary].SAMPLE_AREA_ID, [temp_Pb XRF & ICP Summary].[Zip Code], [temp_Pb XRF & ICP Summary].ANALYTE_NAME, [temp_Pb XRF & ICP Summary].UNITS, Count([temp_Pb XRF & ICP Summary].AreaType) AS CountOfAreaType, Avg([temp_Pb XRF & ICP Summary].[Final_Pb Result]) AS [AvgOfFinal_Pb Result], StDev([temp_Pb XRF & ICP Summary].[Final_Pb Result]) AS [StDevOfFinal_Pb Result], Max([temp_Pb XRF & ICP Summary].[Final_Pb Result]) AS [MaxOfFinal_Pb Result]
FROM [temp_Pb XRF & ICP Summary]
WHERE ((([temp_Pb XRF & ICP Summary].AreaType) Like "Yard*" Or ([temp_Pb XRF & ICP Summary].AreaType) Like "Garden" Or ([temp_Pb XRF & ICP Summary].AreaType) Like "Play"))
GROUP BY [temp_Pb XRF & ICP Summary].SAMPLE_AREA_ID, [temp_Pb XRF & ICP Summary].[Zip Code], [temp_Pb XRF & ICP Summary].ANALYTE_NAME, [temp_Pb XRF & ICP Summary].UNITS;
```

Step15b_Pb Summary Stats_w dust

Purpose: Add summary statistics of estimated dust concentrations based on formulas derived on the relationship between soil and dust concentrations of lead.

SQL Code:
```
SELECT [Step15a_Pb Summary Stats].SAMPLE_AREA_ID, [Step15a_Pb Summary Stats].[Zip Code], [Step15a_Pb Summary Stats].ANALYTE_NAME, [Step15a_Pb Summary Stats].UNITS, [Step15a_Pb Summary Stats].[AvgOfFinal_Pb Result], [Step15a_Pb Summary Stats].[MaxOfFinal_Pb Result], 42+[AvgOfFinal_Pb Result]*0.74 AS [Avg Pb Dust], 42+[MaxOfFinal_Pb Result]*0.74 AS [Max Pb Dust]
FROM [Step15a_Pb Summary Stats];
```

Step16_Zn Summary Stats

Purpose: Calculate yard-wide summary statistics of the zinc results.

SQL Code:
```
SELECT [temp_Zn XRF & ICP Summary].SAMPLE_AREA_ID, [temp_Zn XRF & ICP Summary].[Zip Code], [temp_Zn XRF & ICP Summary].ANALYTE_NAME, [temp_Zn XRF & ICP Summary].UNITS, Count([temp_Zn XRF & ICP Summary].AreaType) AS CountOfAreaType, Avg([temp_Zn XRF & ICP Summary].[Final_Zn Result]) AS [AvgOfFinal_Zn Result], StDev([temp_Zn XRF & ICP Summary].[Final_Zn Result]) AS [StDevOfFinal_Zn Result], Max([temp_Zn XRF & ICP Summary].[Final_Zn Result]) AS [MaxOfFinal_Zn Result]
FROM [temp_Zn XRF & ICP Summary]
WHERE ((([temp_Zn XRF & ICP Summary].AreaType) Like "Yard*" Or ([temp_Zn XRF & ICP Summary].AreaType) Like "Garden" Or ([temp_Zn XRF & ICP Summary].AreaType) Like "Play"))
GROUP BY [temp_Zn XRF & ICP Summary].SAMPLE_AREA_ID, [temp_Zn XRF & ICP Summary].[Zip Code], [temp_Zn XRF & ICP Summary].ANALYTE_NAME, [temp_Zn XRF & ICP Summary].UNITS;
```

Step17_non-Pb&Zn Summary Stats

Purpose: Calculate summary statistics for non-lead and non-zinc chemicals.

SQL Code:

```
SELECT [Step10c_ICP non-Pb&Zn sample results_avg by area type].SAMPLE_AREA_ID,
[Step10c_ICP non-Pb&Zn sample results_avg by area type].[Zip Code], [Step10c_ICP non-
Pb&Zn sample results_avg by area type].ANALYTE_NAME, [Step10c_ICP non-Pb&Zn sample
results_avg by area type].UNITS, Avg([Step10c_ICP non-Pb&Zn sample results_avg by area
type].[ICP_Avg Result]) AS [AvgOfICP_Avg Result], Max([Step10c_ICP non-Pb&Zn sample
results_avg by area type].[ICP_Avg Result]) AS [MaxOfICP_Avg Result]
FROM [Step10c_ICP non-Pb&Zn sample results_avg by area type]
WHERE ((([Step10c_ICP non-Pb&Zn sample results_avg by area type].AreaType) Like "Yard*"
Or ([Step10c_ICP non-Pb&Zn sample results_avg by area type].AreaType) Like "Garden" Or
([Step10c_ICP non-Pb&Zn sample results_avg by area type].AreaType) Like "Play"))
GROUP BY [Step10c_ICP non-Pb&Zn sample results_avg by area type].SAMPLE_AREA_ID,
[Step10c_ICP non-Pb&Zn sample results_avg by area type].[Zip Code], [Step10c_ICP non-
Pb&Zn sample results_avg by area type].ANALYTE_NAME, [Step10c_ICP non-Pb&Zn sample
results_avg by area type].UNITS;
```

B-3. *In Vivo* Relative Bioavailability of Lead in Soil

- *Casteel et al.* 2004
- Re-analysis using EPA 2007 Method

RELATIVE BIOAVAILABILITY OF LEAD IN TEST MATERIALS FROM A SUPERFUND SITE IN OMAHA, NEBRASKA

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EXECUTIVE SUMMARY

A study using juvenile swine as test animals was performed to measure the gastrointestinal absorption of lead from two test materials (Test Material 1 and Test Material 2) from a Superfund site in Omaha, Nebraska. The relative bioavailability of lead was assessed by comparing the absorption of lead from the test materials to that of a reference material (lead acetate). The lead concentrations of Test Material 1 and Test Material 2 were 1650 ug/g and 1630 ug/g, respectively. Groups of five swine were given oral doses of lead acetate or a test material twice a day for 15 days. The amount of lead absorbed by each animal was evaluated by measuring the amount of lead in the blood (measured on days 0, 1, 2, 3, 5, 7, 9, 12, and 15) and the amount of lead in liver, kidney, and bone (measured on day 15 at study termination). The amount of lead present in blood or tissues of animals exposed to test materials was compared to that for animals exposed to lead acetate, and the results were expressed as relative bioavailability (RBA).

The RBA results for the two samples in this study are summarized below:

Measurement Endpoint	Estimated RBA	
	Test Material 1	Test Material 2
Blood Lead AUC	1.01	0.76
Liver Lead	1.07	0.74
Kidney Lead	1.04	0.66
Bone Lead	0.98	0.64

Because the estimates of RBA based on blood, liver, kidney, and bone do not agree in all cases, judgment must be used in interpreting the data. In general, USEPA recommends greatest emphasis be placed on the RBA estimates derived from the blood lead data. This is because blood lead data are more robust and less susceptible to random errors than the tissue lead data, so there is greater confidence in RBA estimates based on blood lead. In addition, absorption into the central compartment is an early indicator of lead exposure, is the most relevant index of central nervous system exposure, and is the standard measurement endpoint in investigations of this sort. However, data from the tissue endpoints (liver, kidney, and bone) also provide valuable information. USEPA considers the plausible range to extend from the RBA based on blood AUC to the mean of the other three tissues (liver, kidney, and bone). The preferred range is the interval from the RBA based on blood to the mean of the blood RBA and the tissue mean RBA. Our suggested point estimate is the mid-point of the preferred range. These values are presented below:

Relative Bioavailability of Lead	Test Material	
	Test Material 1	Test Material 2
Plausible Range	1.01 - 1.03	0.68 - 0.76
Preferred Range	1.01 - 1.02	0.72-0.76
Suggested Point Estimate	1.01	0.74

These RBA estimates may be used to help assess lead risk at this site by refining the estimate of absolute bioavailability (ABA) of lead in soil, as follows:

$$ABA_{soil} = ABA_{soluble} \cdot RBA_{soil}$$

Available data indicate that fully soluble forms of lead are about 50% absorbed by a child. Thus, the estimated absolute bioavailability of lead in the site samples is as follows:

Absolute Bioavailability of Lead	Test Material	
	Test Material 1	Test Material 2
Plausible Range	0.50 - 0.52	0.34 - 0.38
Preferred Range	0.50 - 0.51	0.36 - 0.38
Suggested Point Estimate	0.51	0.37

These absolute bioavailability estimates are appropriate for site-specific use in EPA's IEUBK model, although it is clear that there is both natural variability and uncertainty associated with these estimates. This variability and uncertainty arises from several sources, including: 1) the inherent variability in the responses of different individual animals to lead exposure, 2) uncertainty in the relative accuracy and applicability of the different measurement endpoints, 3) the extrapolation of measured RBA values in swine to young children, and 4) the potential effect of food in the stomach on lead absorption. Thus, the values reported above are judged to be reasonable estimates of typical lead absorption by children at this site, but should be interpreted with the understanding that the values are not certain.

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RELATIVE BIOAVAILABILITY OF LEAD IN TEST MATERIALS FROM A SUPERFUND SITE IN OMAHA, NEBRASKA

1.0 INTRODUCTION

1.1 Absolute and Relative Bioavailability

Bioavailability is a concept that relates to the absorption of chemicals and how absorption depends upon the physical-chemical properties of the chemical and its medium (e.g., dust, soil, rock, food, water) and the physiology of the exposed receptor. Bioavailability is normally described as the fraction (or percentage) of a chemical which enters into the blood following an exposure of some specified amount, duration, and route (usually oral). In some cases, bioavailability may be measured using chemical levels in peripheral tissues such as liver, kidney, and bone, rather than blood. The fraction or percentage absorbed may be expressed either in absolute terms (absolute bioavailability, ABA) or relative terms (relative bioavailability, RBA). **Absolute bioavailability** is measured by comparing the amount of chemical entering the blood (or other tissue) following oral exposure to a test material with the amount entering the blood (or other tissue) following intravenous exposure to an equal amount of some dissolved form of the chemical. Similarly, **relative bioavailability** is measured by comparing oral absorption of a test material to oral absorption of some fully soluble form of the chemical (e.g., either the chemical dissolved in water, or a solid form that is expected to fully dissolve in the stomach). For example, if 100 ug of dissolved lead were administered in drinking water and a total of 50 ug entered the blood, the ABA would be 0.50 (50%). Likewise, if a total of 100 ug of lead contained in soil was ingested and 30 ug entered the blood, the ABA for soil would be 0.30 (30%). If the lead dissolved in water was used as the reference substance for describing the relative amount of lead absorbed from soil, the RBA would be 0.30/0.50, or 0.60 (60%). These values (50% absolute bioavailability of dissolved lead and 30% absolute absorption of lead in soil) are the values currently employed as defaults in USEPA's IEUBK model.

It is important to recognize that simple *solubility* of a test material in water or some other fluid (e.g., a weak acid intended to mimic the gastric contents of a child) may not be a reliable estimator of bioavailability due to the non-equilibrium nature of the dissolution and transport processes that occur in the gastrointestinal tract (Mushak, 1991). For example, fluid volume and pH are likely to be changing as a function of time, and transport of lead across the gut will prevent an approach to equilibrium concentrations, especially for poorly soluble lead compounds. However, information on the solubility of lead in different materials is useful in interpreting the importance of solubility as a determinant of bioavailability. To avoid confusion, the term “bioaccessibility” is used to refer to the relative amount of lead that dissolves under a specified set of test conditions.

For additional discussion about the concept and application of bioavailability see Goodman et al. (1990), Klaassen et al. (1996), and Gibaldi and Perrier (1982).

1.2 Using Bioavailability Data to Improve Exposure Calculations for Lead

When data are available on the bioavailability of lead in soil, dust, or other soil-like waste materials at a site, this information can often be used to improve the accuracy of exposure and risk calculations at that site. The basic equation for estimating the site-specific ABA of a test soil is as follows:

$$ABA_{soil} = ABA_{soluble} \cdot RBA_{soil}$$

where:

ABA_{soil}	=	Absolute bioavailability of lead in soil ingested by a child
$ABA_{soluble}$	=	Absolute bioavailability in children of some dissolved or fully soluble form of lead
RBA_{soil}	=	RBA for soil measured in swine

Based on available information on lead absorption in humans and animals, the USEPA estimates that the absolute bioavailability of lead from water and other fully soluble forms of lead is usually about 50% in children. Thus, when a reliable site-specific RBA value for soil is available, it may be used to estimate a site-specific absolute bioavailability as follows:

$$ABA_{soil} = 50\% \cdot RBA_{soil}$$

In the absence of site-specific data, the absolute absorption of lead from soil, dust, and other similar media is estimated by USEPA to be about 30%. Thus, the default RBA used by USEPA for lead in soil and dust compared to lead in water is 30%/50%, or 60%. When the measured RBA in soil or dust at a site is found to be less than 60% compared to some fully soluble form of lead, it may be concluded that exposures to and risks from lead in these media at that site are probably lower than the typical default assumptions. If the measured RBA is higher than 60%, absorption of and risks from lead in these media may be higher than usually assumed.

1.3 Purpose of This Study

The objective of this study was to use juvenile swine as a test system in order to determine the oral bioavailability of lead in two soil samples from a Superfund site in Omaha, Nebraska, relative to the bioavailability of a soluble form of lead. The relative bioavailability estimates may be used to improve accuracy and decrease uncertainty in estimating exposures to lead in soil in human health risk assessments for these test materials.

2.0 STUDY DESIGN

A standardized study protocol for measuring absolute and relative bioavailability of lead was developed based upon previous study designs and investigations that characterized the juvenile swine model (Weis et al., 1995). A detailed study schedule is presented in Appendix A, Table A-1. The study was performed as nearly as possible within the spirit and guidelines of Good Laboratory Practices (GLP: 40 CFR 792).

2.1 Test Materials

2.1.1 Sample Description

Two samples (Test Material 1 and Test Material 2) were collected from a Superfund site in Omaha, Nebraska. No further information on the samples was provided.

2.1.2 Sample Preparation

No information on sample preparation was provided.

2.1.3 Lead Concentration

The concentration of lead in the test materials was measured by inductively coupled plasma atomic emission spectroscopy (ICP-AES). The resulting lead values were 1650 ug/g for Test Material 1 (TM1) (measured in duplicate) and 1630 ug/g for Test Material 2 (TM2) (measured in singlicate).

2.2 Experimental Animals

Juvenile swine were selected for use in this study because they are considered to be a good physiological model for gastrointestinal absorption in children (Weis and LaVelle, 1991). The animals were intact males of the Pig Improvement Corporation (PIC) genetically defined Line 26, and were purchased from Chinn Farms, Clarence, MO.

The number of animals purchased for the study was several more than required by the protocol. These animals were purchased at an age of about 4-5 weeks (weaning occurs at age 3 weeks) and housed in individual lead-free stainless steel cages. The animals were then held under quarantine for one week to observe their health before beginning exposure to test materials. Each animal was examined by a certified veterinary clinician (swine specialist) and any animals that appeared to be in poor health during this quarantine period were excluded from the study. To minimize weight variations among animals and groups, extra animals most different in body weight (either heavier or lighter) four days prior to exposure (day -4) were also excluded from the study. The remaining animals were assigned to dose groups at random (group assignments are presented in Appendix A, Table A-2). When exposure began (day zero), the animals were about 5-6 weeks old and weighed an average of about 10.3 kg. The animals were weighed every three days during the course of the study. On average, animals gained about 0.35 kg/day and the rate of weight gain was comparable in all groups, ranging from 0.29 to 0.39 kg/day. These body weight

data are summarized in Figure 2-1 and are also presented in Appendix A, Table A-3. All animals were examined daily by an attending veterinarian while on study.

2.3 Diet

Animals were weaned onto standard pig chow (purchased from MFA Inc., Columbia, MO) by the supplier. In order to minimize lead exposure from the diet, the animals were gradually transitioned from the MFA feed to a special low-lead feed (guaranteed less than 0.2 ppm lead, purchased from Zeigler Brothers, Inc., Gardners, PA), and this feed was maintained for the duration of the study. The feed was nutritionally complete and met all requirements of the National Institutes of Health–National Research Council. The typical nutritional components and chemical analysis of the feed is presented in Table 2-1. Each day every animal was given an amount of feed equal to 4% of the mean body weight of all animals on study. Feed amounts were adjusted every three days, when pigs were weighed. Feed was administered in two equal portions at 11:00 AM and 5:00 PM daily. Analysis of random feed samples indicated that the lead level was typically below 0.2 ug/g.

Drinking water was provided *ad libitum* via self-activated watering nozzles within each cage. Analysis of samples from randomly selected drinking water nozzles indicated the lead concentration was less than 2 ug/L.

2.4 Dosing

The protocol for exposing animals to lead is shown in Table 2-2. The dose levels for lead acetate were based on experience from previous swine investigations that showed that lead doses of 25-225 ug/kg-day resulted in clear and measurable increases in lead levels in all endpoints measured (blood, liver, kidney, and bone). The doses of test materials were set at the same level as lead acetate, with one higher dose (400 ug/kg-day) included in case the test materials were found to yield very low responses. The dose levels administered were calculated based on the lead content of the test material and the measured group mean body weights. Specifically, doses of lead for the three days following each weighing were based on the group mean body weight adjusted by the addition of 1 kg to account for the expected weight gain over the time interval. After completion of the study, body weights were estimated by interpolation for those days when measurements were not collected and the actual administered doses were calculated for each day and then averaged across all days. The actual mean doses for each dosing group are included in Table 2-2; the actual lead doses administered to each pig are presented in Appendix A, Table A-3.

Animals were exposed to lead acetate or a test material for 15 days, with the dose for each day being administered in two equal portions beginning at 9:00 AM and 3:00 PM (two hours before feeding), with two minute intervals allowed for individual pig dosing. Dose material was placed in the center of a small portion (about 5 grams) of moistened feed (this is referred to as a "doughball"), and this was administered to the animals by hand[1]. If uneaten portions of doughballs were discovered, these were retrieved and offered again for consumption. Occasionally, some animals did not consume some or all of their dose. In these instances, the

[1] The lot of low-lead feed used in this study was unusually sticky, requiring the addition of cornstarch to the feed (about 1 part cornstarch to four parts feed) in order to achieve the desired consistency.

missed doses were estimated and recorded and the time-weighted average dose calculation for each animal was adjusted downward accordingly (see Appendix A, Table A-3).

2.5 Collection of Biological Samples

Samples of blood were collected from each animal on the first day of exposure (day zero) and on days 1, 2, 3, 5, 7, 9, 12, and 15 following the start of exposure. All blood samples were collected by vena-puncture of the anterior vena cava, and samples were immediately placed in purple-top Vacutainer® tubes containing EDTA as anticoagulant. Although EDTA is a chelator of metals, its presence in the sampling tubes will not impact the analytical results for lead. This is because the nitric acid digest used in the analysis destroys the organic constituents in the blood, thereby freeing all lead for analysis. Blood samples were collected each sampling day beginning at 8:00 AM, approximately one hour before the first of the two daily exposures to lead on the sampling day and 17 hours after the last lead exposure the previous day. This blood collection time was selected because the rate of change in blood lead resulting from the preceding exposures is expected to be relatively small after this interval (LaVelle et al., 1991; Weis et al., 1993), so the exact timing of sample collection relative to the last dosing is not likely to be critical.

Following collection of the final blood sample at 8:00 AM on day 15, all animals were humanely euthanized and samples of liver, kidney, and bone (the right femur) were removed and stored in lead-free plastic bags for lead analysis.

Samples of all biological samples collected were archived in order to allow for reanalysis and verification of lead levels, if needed. All animals were also subjected to detailed examination at necropsy by a certified veterinary pathologist in order to assess overall animal health.

2.6 Preparation of Biological Samples for Analysis

Blood

One mL of whole blood was removed from the purple-top Vacutainer® tube and added to 9.0 mL of "matrix modifier", a solution recommended by the Centers for Disease Control and Prevention (CDCP) for analysis of blood samples for lead. The composition of matrix modifier is 0.2% (v/v) ultrapure nitric acid, 0.75% (v/v) Triton X-100, and 0.2% (w/v) dibasic ammonium phosphate in deionized and ultrafiltered water. Samples of the matrix modifier were routinely analyzed for lead to ensure the absence of lead contamination.

Liver and Kidney

One gram of soft tissue (liver or kidney) was placed in a lead-free screw-cap teflon container with 2 mL of concentrated (70%) nitric acid and heated in an oven to 90°C overnight. After cooling, the digestate was transferred to a clean lead-free 10 mL volumetric flask and diluted to volume with deionized and ultrafiltered water.

Bone

The right femur of each animal was removed and defleshed, and dried at 100°C overnight. The dried bones were then placed in a muffle furnace and dry-ashed at 450°C for 48 hours.

Following dry ashing, the bone was ground to a fine powder using a lead-free mortar and pestle, and 200 mg was removed and dissolved in 10.0 mL of 1:1 (v:v) concentrated nitric acid/water. After the powdered bone was dissolved and mixed, 1.0 mL of the acid solution was removed and diluted to 10.0 mL by addition of 0.1% (w/v) lanthanum oxide (La_2O_3) in deionized and ultrafiltered water.

2.7 Lead Analysis

Samples of biological tissue (blood, liver, kidney, and bone) and other materials (e.g., food, water, reagents, solutions) were assigned random chain-of-custody tag numbers prior to lead analysis. Each sample was analyzed for lead using a Perkin Elmer Model 5100 graphite furnace atomic absorption spectrophotometer. Internal quality assurance samples were run every tenth sample, and the instrument was recalibrated every 15th sample. A blank, duplicate, and spiked sample were run every 20th sample.

All results from the analytical laboratory were reported in units of ug Pb/L (ng/mL) of prepared sample. The quantitation limit was defined as three-times the standard deviation of a set of seven replicates of a low-lead sample (typically about 2-5 ug/L). The standard deviation was usually about 0.3 ug/L, so the quantitation limit was usually about 0.9-1.0 ug/L. For prepared blood samples (diluted 1/10), this corresponds to a quantitation limit of 10 ug/L (1 ug/dL). For soft tissues (liver and kidney, diluted 1/10), this corresponds to a quantitation limit of 10 ug/kg (ng/g) wet weight, and for bone (final dilution = 1/500) the corresponding quantitation limit is 0.5 ug/g (ng/g) ashed weight. All responses below the quantitation limit were evaluated at one-half the quantitation limit.

Lead analytical results for study samples are presented in Appendix A, Table A-4.

2.8 Quality Assurance

A number of quality assurance (QA) steps were taken during this project to evaluate the accuracy of the analytical procedures.

2.8.1 Laboratory Quality Assurance

Steps performed by the analytical laboratory included:

Spike Recovery

Randomly selected urine samples were spiked with known amounts of lead (6 - 10 ug, as lead acetate) and the recovery of the added lead was measured. Recovery for individual samples ranged from 75% to 113%, with an average across all analyses of 97 ± 9% (N = 31).

Duplicate Analysis

The laboratory analyst selected random lead samples for duplicate analysis. Duplicate results for blood samples were within 1 ug/L (N = 42). Duplicate results for femur samples were all within 2 ug/L, with a relative percent differences (RPD) up to 13% (N = 4). Duplicate results for liver

and kidney samples had a relative percent difference (RPD) of 0% to 10%, with an average of 4.7% ± 4.0% (N = 9).

Laboratory Control Standards

Three different laboratory control standards were tested periodically during the analysis. These are samples for which a certified concentration of lead has been established. Results for these standards are summarized below:

Standard	Target Value	Acceptable Range	Mean	Range	Standard Deviation	Mean % Recovery	N
Perkin Elmer Quality Control Standard	10 ug/L	+/-10% (9.0 - 11.0 ug/L)	10.2	9 - 11	0.6	101.9%	80
Perkin Elmer Quality Control Standard	25 ug/L	+/-10% (22.5 - 27.5 ug/L)	24.6	23 - 26	0.9	98.4%	17
CDC BLLRS 592 (blood)	13.9 ug/dL	[no range provided]	13.3	12 - 15	1.0	95.6%	24

As seen, recovery of lead from these standards was generally good and within the acceptable ranges.

Blanks

Blank samples run along with each batch of samples never yielded a measurable level of lead, with all values being reported as less than 0.1 ug/L.

2.8.2 Blind Quality Assurance

In addition to these laboratory-sponsored QA samples, an additional series of QA samples were submitted to the laboratory in a blind fashion. This included a number of blood lead check samples and blind duplicates.

Blood Lead Check Samples

The Centers for Disease Control and Prevention (CDCP) provides a variety of blood lead "check samples" for use in quality assurance programs for blood lead studies. Each time a group of blood samples was prepared and sent to the laboratory for analysis, several CDCP check samples of different concentrations were included in random order and in a blind fashion.

The results for the samples submitted during this study are summarized in Figure 2-2; detailed results are presented in Appendix A, Table A-5. As seen, the results for the high and low standards (nominal values of 1.9 ug/dL and 13.9 ug/dL, respectively) tend to cluster around the line of equality as expected. The results of the middle standard (nominal value of 4.8 ug.dL) tend to be lower than expected, with one result much higher than expected. The reason for this is not known.

Duplicates

A randomly selected set of about 10% of all samples generated during the study were submitted to the laboratory in a blind fashion for duplicate analysis. The results for these duplicates are summarized in Figure 2-3; detailed results are presented in Appendix A, Table A-6. As seen, the duplicate blood data (Panel A of Figure 2-3) tend to follow the line of equality indicating that the duplicate pairs are generally in good agreement, although there is some variability for individual samples. The absolute difference between duplicate pairs of blood samples ranged from 0 to 4.1 ug/dL with an average of 1.12 ug/dL (N = 27). As seen, there was good reproducibility between duplicate samples for tissues (Panel B of Figure 2-3). The absolute difference between duplicate pairs of tissue samples ranged from 0.06 to 3.40 ug/g with an average of 0.95 ug/g (N = 9).

Based on the results of all of the quality assurance samples and steps described above, it is concluded that the analytical results are of suitable for derivation of reliable estimates of lead absorption from test materials.

3.0 DATA ANALYSIS

3.1 Overview

Studies on the absorption of lead are often complicated because some biological responses to lead exposure may be non-linear functions of dose (i.e., tending to flatten out or plateau as dose increases). The cause of this non-linearity is uncertain but might be due either to non-linear **absorption kinetics** and/or to non-linear **biological response** per unit dose absorbed. When the dose-response curve for either the reference material (lead acetate) and/or the test material is non-linear, RBA is equal to the ratio of doses that produce equal responses (not the ratio of responses at equal doses). This is based on the simple but biologically plausible assumption that equal absorbed doses yield equal biological responses. Applying this assumption leads to the following general methods for calculating RBA from a set of non-linear experimental data:

1. Plot the biological responses of individual animals exposed to a series of oral doses of soluble lead (e.g., lead acetate). Fit an equation that gives a smooth line through the observed data points.

2. Plot the biological responses of individual animals exposed to a series of doses of test material. Fit an equation that gives a smooth line through the observed data.

3. Using the best fit equations for reference material and test material, calculate RBA as the ratio of doses of test material and reference material that yield equal biological responses. Depending on the relative shape of the best-fit lines through the lead acetate and test material dose response curves, RBA may either be constant (dose-independent) or variable (dose-dependent).

The principal advantage of this approach is that it is not necessary to understand the basis for a non-linear dose response curve (non-linear absorption and/or non-linear biological response) in order to derive valid RBA estimates. Also, it is important to realize that this method is very general, as it will yield correct results even if one or both of the dose-response curves are linear. In the case where both curves are linear, RBA is dose-independent and is simply equal to the ratio of the slopes of the best-fit linear equations.

3.2 Fitting the Curves

<u>Blood Lead Data</u>

The measurement endpoint used to quantify the blood lead response was the area under the curve (AUC) for blood lead vs. time (days 0-15). AUC was selected because it is the standard pharmacokinetic index of chemical uptake into the blood compartment, and is relatively insensitive to small variations in blood lead level by day. The AUC was calculated using the trapezoidal rule to estimate the AUC between each time point that a blood lead value was measured (days 0, 1, 2, 3, 5, 7, 9, 12, and 15):

$$AUC(d_i \text{ to } d_j) = 0.5 \cdot (r_i + r_j) \cdot (d_j - d_i)$$

where:

d = day number

r = response (blood lead value) on day i (r_i) or day j (r_j)

The areas were then summed across all time intervals in the study to yield the final AUC for each animal.

Basic Equations

Based on the experience from many lead studies, it is known that blood lead AUC data are best characterized by a nonlinear (exponential) equation and tissue (bone, liver, and kidney) lead data are best characterized by a linear equation, as follow:

Linear (LIN): $\text{Response} = a + b \cdot \text{Dose}$

Exponential (EXP): $\text{Response} = a + c \cdot (1-\exp(-d \cdot \text{Dose}))$

A commercial curve-fitting program (TableCurve 2D version 5.0) which utilizes a least squares regression method was used to derive best fit equations for each of the individual dose-response data sets from this study. The exponential equation was used for all blood lead AUC data and the linear equation was used for all tissue lead data.

Constraints

In the process of finding the best fit equations to the data, the values of the parameters (*a*, *b*, *c*, and *d*) were subjected to some constraints, as follow:

- Parameter *a* (the intercept, equal to the baseline or control value of the measurement endpoint) was constrained to be non-negative and was forced in all cases to be the same for the reference material (lead acetate) and the test materials. This is because, by definition, all dose-response curves for groups of animals exposed to different materials must arise from the same value at zero dose.

- Parameter *b* (the slope of the linear dose-response line) was constrained to non-negative values, since all of the measurement endpoints evaluated are observed to increase, not decrease, as a function of lead exposure.

- Parameter *c* (the plateau value of the exponential curve) was constrained to be non-negative, and was forced to be the same for the reference material (lead acetate) and the test material. This is because: 1) it is expected on theoretical grounds that the plateau (saturation level) should be the same regardless of the source of lead, and 2) curve-fitting of individual curves tends to yield values of *c* that are close to each other and not statistically different.

- Parameter *d* was unconstrained.

Outlier Identification

Upon fitting all raw data to the appropriate equation (exponential for blood data or linear for tissue data), any data points that fell outside the 95% prediction limits were considered to be outliers and were excluded from further analyses. After excluding these points (if any), a new best fit equation was obtained. In some cases, data points originally inside the 95% prediction limits were now outside the limits. However, further iterative cycles of data point exclusion were not performed, and the fit was considered final.

4.0 RESULTS

4.1 Clinical Signs

The doses of lead administered in this study are below a level that is expected to cause toxicological responses in swine, and no clinical signs of lead-induced toxicity were noted in any of the animals used in the study.

4.2 Blood Lead vs. Time

Figure 4-1 shows the group mean blood lead values as a function of time during the study; blood lead data for individual animals are shown in Appendix A, Figure A-1. As seen, blood lead values began at or below quantitation limits (about 1 ug/dL) in all groups, and remained at or below quantitation limits in control animals (Group 10). In animals given repeated oral doses of lead acetate (Groups 1-3), Test Material 1 (Groups 4-6), or Test Material 2 (Groups 7-9), blood levels began to rise within 1-2 days, and tended to plateau by the end of the study (day 15).

4.3 Dose-Response Patterns

Blood Lead AUC

As discussed in section 3.2, the measurement endpoint used to quantify the blood lead response was the area under the curve (AUC) for blood lead vs. time (days 0-15). The AUC was calculated using the trapezoidal rule to estimate the AUC between each time point that a blood lead value was measured (days 0, 1, 2, 3, 5, 7, 9, 12, and 15) and the areas were then summed across all time intervals in the study to yield the final AUC for each animal. The AUC determinations are presented in Appendix A, Table A-7.

Curve Fit Results

As discussed in section 3.2, best fit curves for blood lead AUC dose-response data were obtained using an exponential equation, and best fit curves for all tissue dose-response data were obtained using a linear equation. The parameters of the resulting best fit equations are presented in Appendix A, Table A-8.

Blood Lead

The dose-response data for blood lead AUC results are summarized in Figure 4-2. Each data point reflects the group mean exposure and group mean response, with the variability in dose and response shown by standard error bars. The figure also shows the best-fit equation through each data set.

As seen, the dose response pattern is non-linear for both the soluble reference material (lead acetate), and for each of the two test materials. The dose response curve for TM1 appears to be very similar to that for lead acetate, while the curve for TM2 is slightly lower.

Tissue Lead

The dose-response data for lead levels in bone, liver, and kidney (measured at sacrifice on day 15) are summarized in Figures 4-3, 4-4, and 4-5, respectively. As seen, all of these dose response curves for tissues are fit by linear equations, both for lead acetate and each of the two test materials.

4.4 Calculated RBA Values

Relative bioavailability values were calculated for each test material for each measurement endpoint (blood AUC, bone, liver, kidney) using the method described in Section 3.0. The results are shown below:

Measurement Endpoint	Estimated RBA	
	Test Material 1	Test Material 2
Blood Lead AUC	1.01	0.76
Liver Lead	1.07	0.74
Kidney Lead	1.04	0.66
Bone Lead	0.98	0.64

Recommended RBA Values

For each test material, the estimates of RBA based on blood, liver, kidney, and bone are generally similar, but do not agree exactly in all cases. In general, we recommend greatest emphasis be placed on the RBA estimates derived from the blood lead data. There are several reasons for this recommendation, including the following:

1. Blood lead calculations are based on multiple measurements over time, and so are statistically more robust than the single measurements available for tissue concentrations. Further, blood is a homogeneous medium, and is easier to sample than complex tissues such as liver, kidney, and bone. Consequently, the AUC endpoint is less susceptible to random measurement errors, and RBA values calculated from AUC data are less uncertain.

2. Blood is the central compartment and one of the first compartments to be affected by absorbed lead. In contrast, uptake of lead into peripheral compartments (liver, kidney, and bone) depends on transfer from blood to the tissue, and may be subject to a variety of toxicokinetic factors that could make bioavailability determinations more complicated.

3. The dose-response curve for blood lead is non-linear, similar to the non-linear dose-response curve observed in children (e.g., see Sherlock and Quinn, 1986). Thus, the response of this endpoint is known to behave similarly in swine as in children, and it is not known if the same is true for the tissue endpoints.

4. Blood lead is the classical measurement endpoint for evaluating exposure and health effects in humans, and the health effects of lead are believed to be proportional to blood lead levels.

However, data from the tissue endpoints (liver, kidney, and bone) also provide valuable information. We consider the plausible range to extend from the RBA based on blood AUC to the mean of the RBA based on the other three tissues (liver, kidney, and bone). The preferred range is the interval from the RBA based on blood to the mean of the blood RBA and the tissue mean RBA. Our suggested point estimate is the mid-point of the preferred range. These values are presented below:

Relative Bioavailability of Lead	Test Material	
	Test Material 1	Test Material 2
Plausible Range	1.01 - 1.03	0.68 - 0.76
Preferred Range	1.01 - 1.02	0.72-0.76
Suggested Point Estimate	1.01	0.74

4.5 Estimated Absolute Bioavailability in Children

These RBA estimates may be used to help assess lead risk at this site by refining the estimate of absolute bioavailability (ABA) of lead in soil, as follows:

$$ABA_{soil} = ABA_{soluble} \cdot RBA_{soil}$$

Available data indicate that fully soluble forms of lead are about 50% absorbed by a child (USEPA 1991, 1994). Thus, the estimated absolute bioavailability of lead in the site samples is calculated as follows:

$$ABA_{Site} = 50\% \cdot RBA_{Site}$$

Based on the RBA values shown above, the estimated absolute bioavailability in children is as follows:

Absolute Bioavailability of Lead	Test Material	
	Test Material 1	Test Material 2
Plausible Range	0.50 - 0.52	0.34 - 0.38
Preferred Range	0.50 - 0.51	0.36 - 0.38
Suggested Point Estimate	0.51	0.37

4.6 Uncertainty

The bioavailability estimates above are subject to uncertainty that arises from several different sources. First, differences in physiological and pharmacokinetic parameters between individual animals leads to variability in response, even when exposure is the same. Because of this inter-animal variability in the responses of different animals to lead exposure, there is mathematical uncertainty in the best fit dose-response curves for both lead acetate and test material. This in turn leads to uncertainty in the calculated values of RBA, because these are derived from the two best-fit equations. Second, there is uncertainty in how to weight the RBA values based on the different endpoints, and how to select a point estimate for RBA that is applicable to typical site-specific exposure levels. Third, there is uncertainty in the quantitative extrapolation of measured RBA values in swine to young children. Even though the immature swine is believed to be a useful and meaningful animal model for gastrointestinal absorption in children, it is possible that differences in stomach pH, stomach emptying time, and other physiological parameters may exist and that RBA values in swine may not be precisely equal to values in children. Finally, studies in humans reveal that lead absorption is not constant even within an individual, but varies as a function of many factors (e.g., mineral intake, health status). One factor that may be of special importance is time after the last meal, with the presence of food tending to reduce lead absorption. The values of RBA measured in this study are intended to estimate the maximum uptake that occurs when lead is ingested in the absence of food. Thus, these values may be somewhat conservative for children who ingest lead along with food. The magnitude of this bias is not known.

5.0 REFERENCES

Gibaldi, M., and Perrier, D. 1982. Pharmacokinetics (2nd edition), pp 294-297. Marcel Dekker, Inc, NY, NY.

Goodman, A.G., Rall, T.W., Nies, A.S., and Taylor, P. 1990. The Pharmacological Basis of Therapeutics (8th ed.), pp. 5-21. Pergamon Press, Inc. Elmsford, NY.

Klaassen, C.D., Amdur, M.O., and Doull, J. (eds). 1996. Cassarett and Doull's Toxicology: The Basic Science of Poisons, pp. 190. McGraw-Hill, Inc. NY, NY.

LaVelle, J.M., Poppenga, R.H., Thacker, B.J., Giesy, J.P., Weis, C., Othoudt R., and Vandervoot C. 1991. Bioavailability of Lead in Mining Waste: an oral intubation study in young swine. In: The proceedings of the international symposium on the bioavailability and dietary uptake of lead. Science and Technology Letters 3:105-111.

Mushak, P. 1991. Gastro-intestinal absorption of lead in children and adults: overview of biological and biophysico-chemical aspects. In: The proceedings of the international symposium on the bioavailability and dietary uptake of lead. Science and Technology Letters 3:87-104.

Sherlock, J.C., and Quinn, M.J. 1986. Relationship between blood lead concentration and dietary intake in infants: the Glasgow duplicate diet study 1979-1980. Food Additives and Contaminants 3:167-176.

USEPA. 1991. Technical support document on lead. United States Environmental Protection Agency, Environmental Criteria and Assessment Office. ECAO-CIN-757.

USEPA. 1994. Guidance manual for the integrated exposure uptake biokinetic model for lead in children. United States Environmental Protection Agency, Office of Emergency and Remedial Response. Publication Number 9285.7-15-1. EPA/540/R-93/081.

Weis, C.P., and LaVelle, J.M. 1991. Characteristics to consider when choosing an animal model for the study of lead bioavailability. In: The proceedings of the international symposium on the bioavailability and dietary uptake of lead. Science and Technology Letters 3:113-119.

Weis, C.P., Henningsen, G.M., Poppenga, R.H., and Thacker, B.J. 1993. Pharmacokinetics of lead in blood of immature swine following acute oral and intravenous exposure. The Toxicologist 13(1):175.

Weis, C.P., Poppenga, R.H., Thacker, B.J., Henningsen, G.M., and Curtis, A. 1995. Design of pharmacokinetic and bioavailability studies of lead in an immature swine model. In: Lead in paint, soil, and dust: health risks, exposure studies, control measures, measurement methods, and quality assurance. ASTM STP 1226, Michael E. Beard and S. D. Allen Iske (eds), American Society for Testing and Materials, Philadelphia, 1995.

TABLES AND FIGURES

TABLE 2-1 TYPICAL FEED COMPOSITION

Nutrient Name	Amount	Nutrient Name	Amount
Protein	20.1021%	Chlorine	0.1911%
Arginine	1.2070%	Magnesium	0.0533%
Lysine	1.4690%	Sulfur	0.0339%
Methionine	0.8370%	Manganese	20.4719 ：g/g
Met+Cys	0.5876%	Zinc	118.0608 ：g/g
Tryptophan	0.2770%	Iron	135.3710 ：g/g
Histidine	0.5580%	Copper	8.1062 ：g/g
Leucine	1.8160%	Cobalt	0.0110 ：g/g
Isoleucine	1.1310%	Iodine	0.2075 ：g/g
Phenylalanine	1.1050%	Selenium	0.3196 ：g/g
Phe+Tyr	2.0500%	Nitrogen Free Extract	60.2340%
Threonine	0.8200%	Vitamin A	5.1892 kIU/kg
Valine	1.1910%	Vitamin D3	0.6486 kIU/kg
Fat	4.4440%	Vitamin E	87.2080 IU/kg
Saturated Fat	0.5590%	Vitamin K	0.9089 ：g/g
Unsaturated Fat	3.7410%	Thiamine	9.1681 ：g/g
Linoleic 18:2:6	1.9350%	Riboflavin	10.2290 ：g/g
Linoleic 18:3:3	0.0430%	Niacin	30.1147 ：g/g
Crude Fiber	3.8035%	Pantothenic Acid	19.1250 ：g/g
Ash	4.3347%	Choline	1019.8600 ：g/g
Calcium	0.8675%	Pyridoxine	8.2302 ：g/g
Phos Total	0.7736%	Folacin	2.0476 ：g/g
Available Phosphorous	0.7005%	Biotin	0.2038 ：g/g
Sodium	0.2448%	Vitamin B12	23.4416 ：g/g
Potassium	0.3733%		

Feed obtained from and nutritional values provided by Zeigler Bros., Inc

TABLE 2-2 DOSING PROTOCOL

Group	Number of Animals	Dose Material Administered	Lead Dose (ug/kg-day)	
			Target	Actual [a]
1	5	Lead Acetate	25	25.8
2	5	Lead Acetate	75	77.7
3	5	Lead Acetate	225	234.0
4	5	Test Material 1	75	77.6
5	5	Test Material 1	225	230.8
6	5	Test Material 1	400	409.7
7	5	Test Material 2	75	77.7
8	5	Test Material 2	225	230.4
9	5	Test Material 2	400	406.4
10	3	Control	0	0

[a] Calculated as the administered daily dose divided by the measured or extrapolated daily body weight, averaged over days 0-14 for each animal and each group.

Doses were administered in two equal portions given at 9:00 AM and 3:00 PM each day. Doses were based on the mean weight of the animals in each group, and were adjusted every three days to account for weight gain.

FIGURE 2-1 BODY WEIGHT GAIN

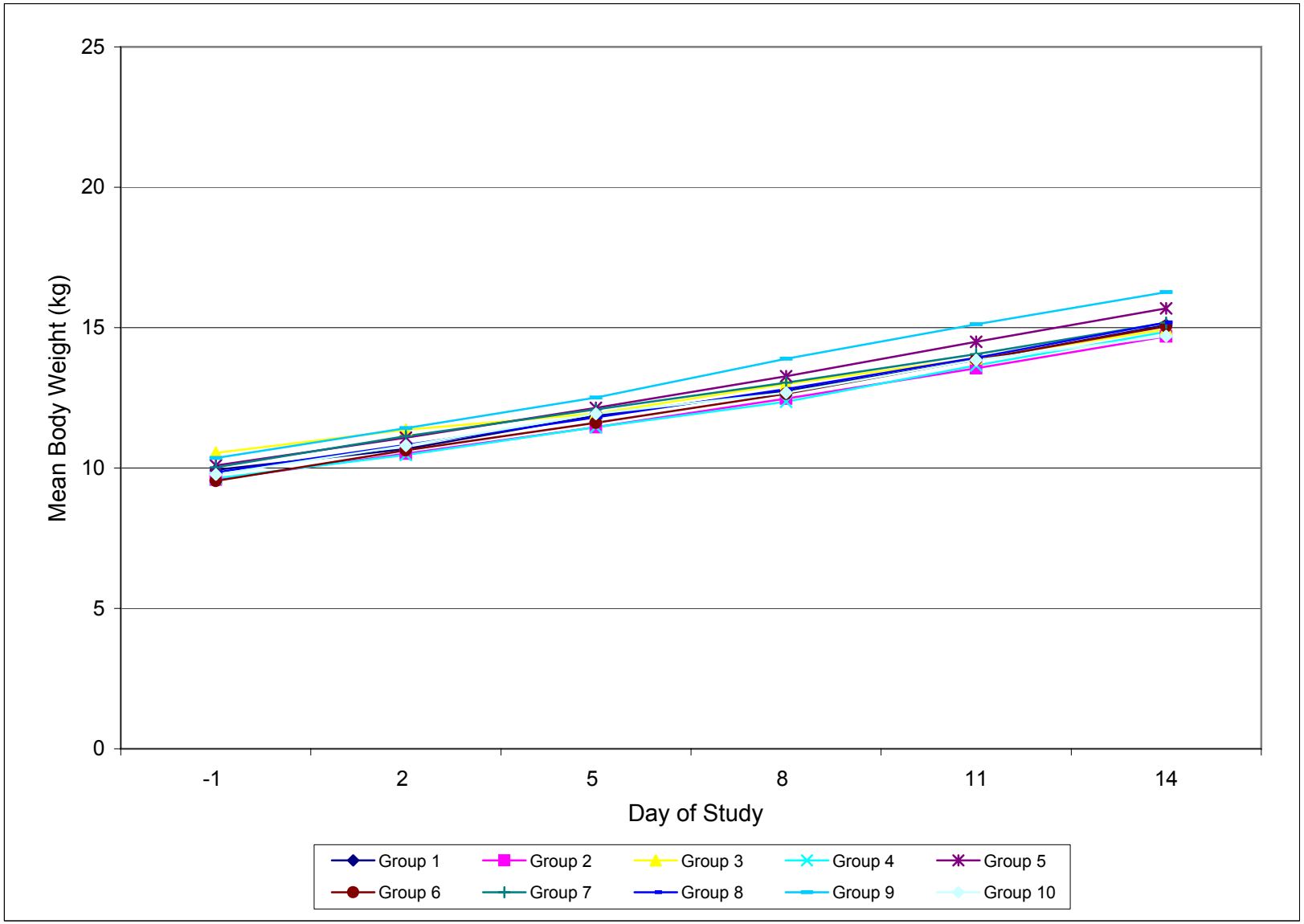

B&V Weights.xls (Fig2-1_group weights)

FIGURE 2-2 CDCP BLOOD LEAD CHECK SAMPLES

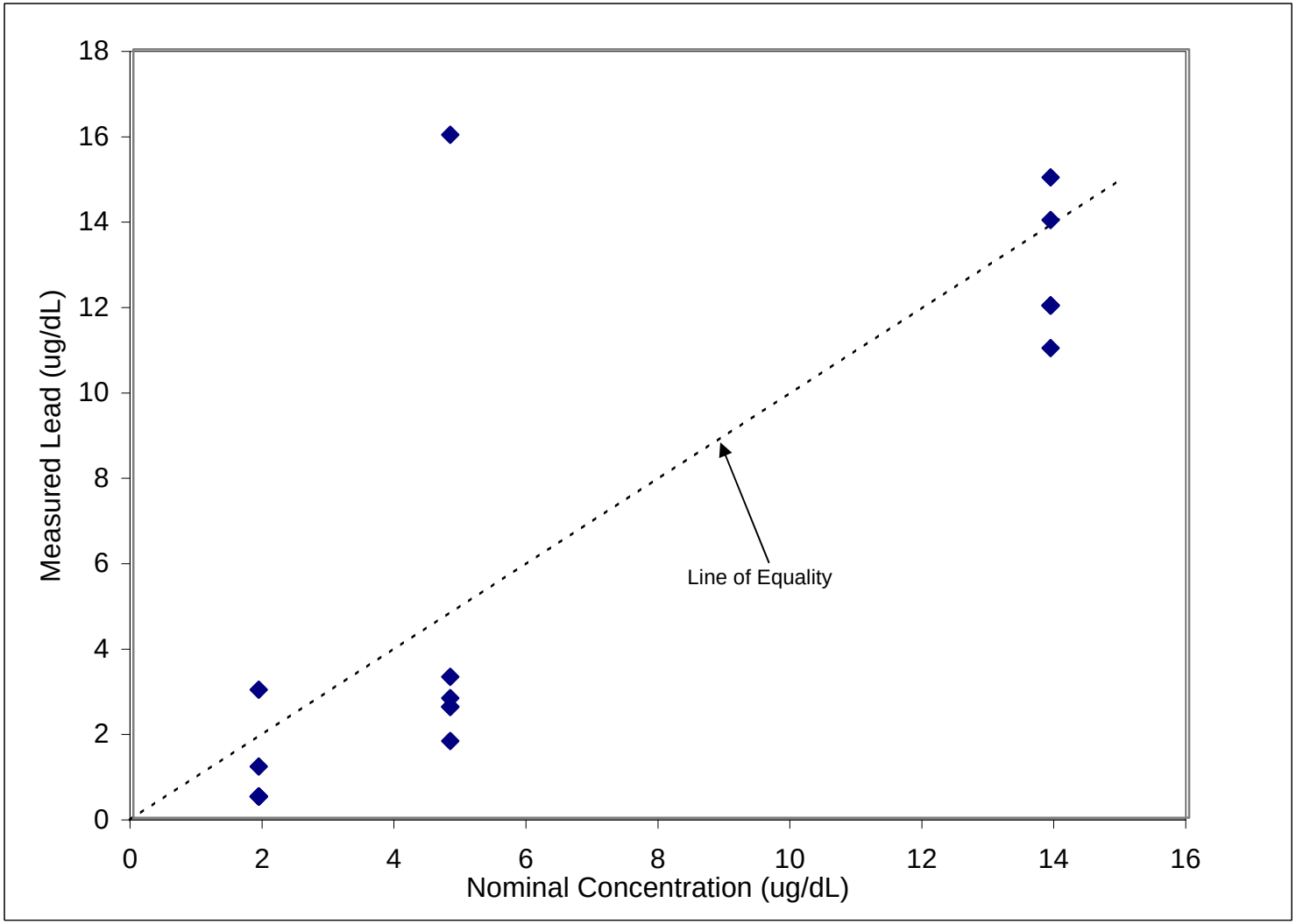

B&V Blind QC analysis.xls (Fig2-2_CDC)

FIGURE 2-3 BLIND DUPLICATE SAMPLES

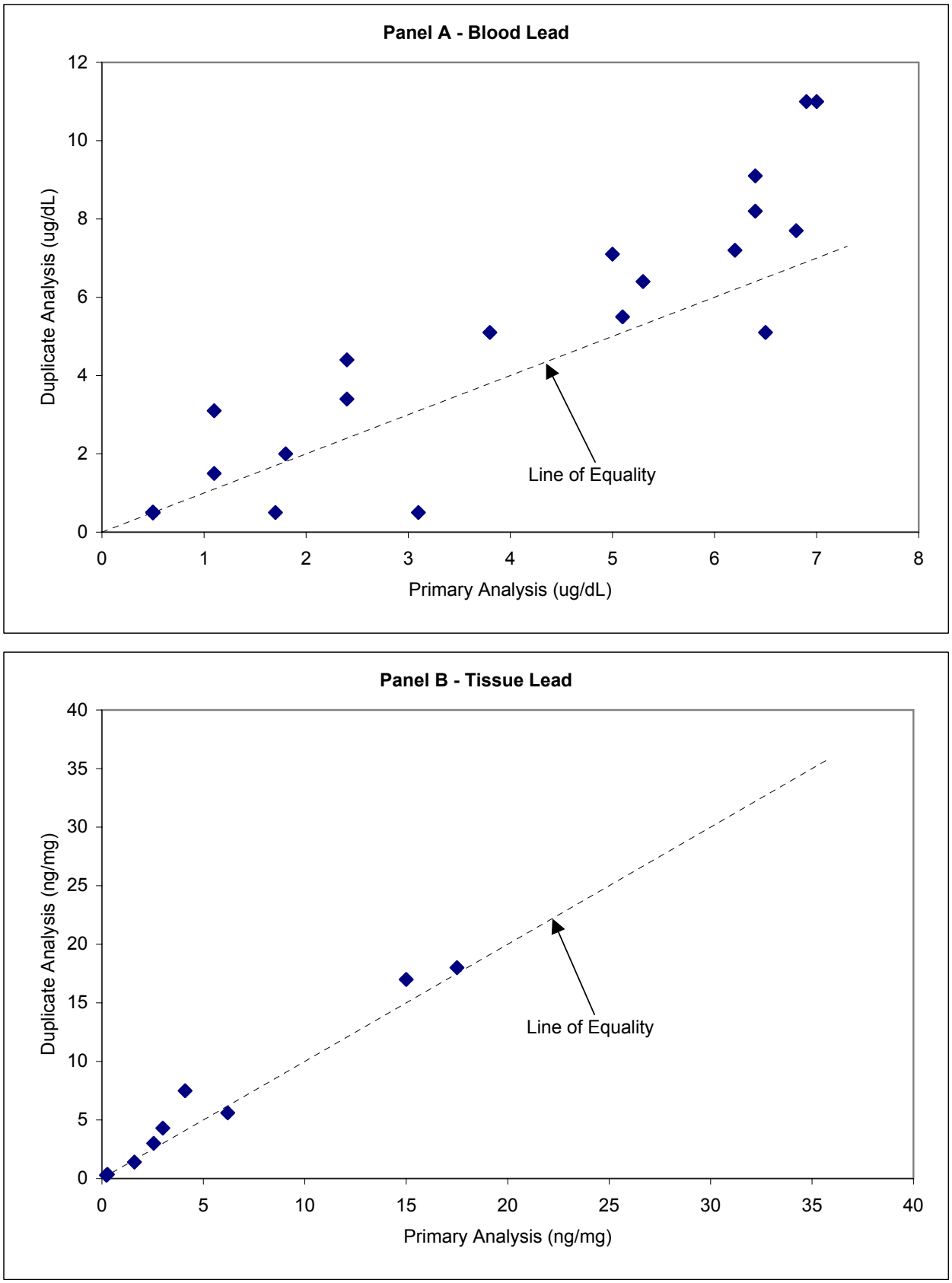

B&V Blind QC analysis.xls (Fig2-3_BlindDupes)

FIGURE 4-1 GROUP MEAN BLOOD LEAD BY DAY

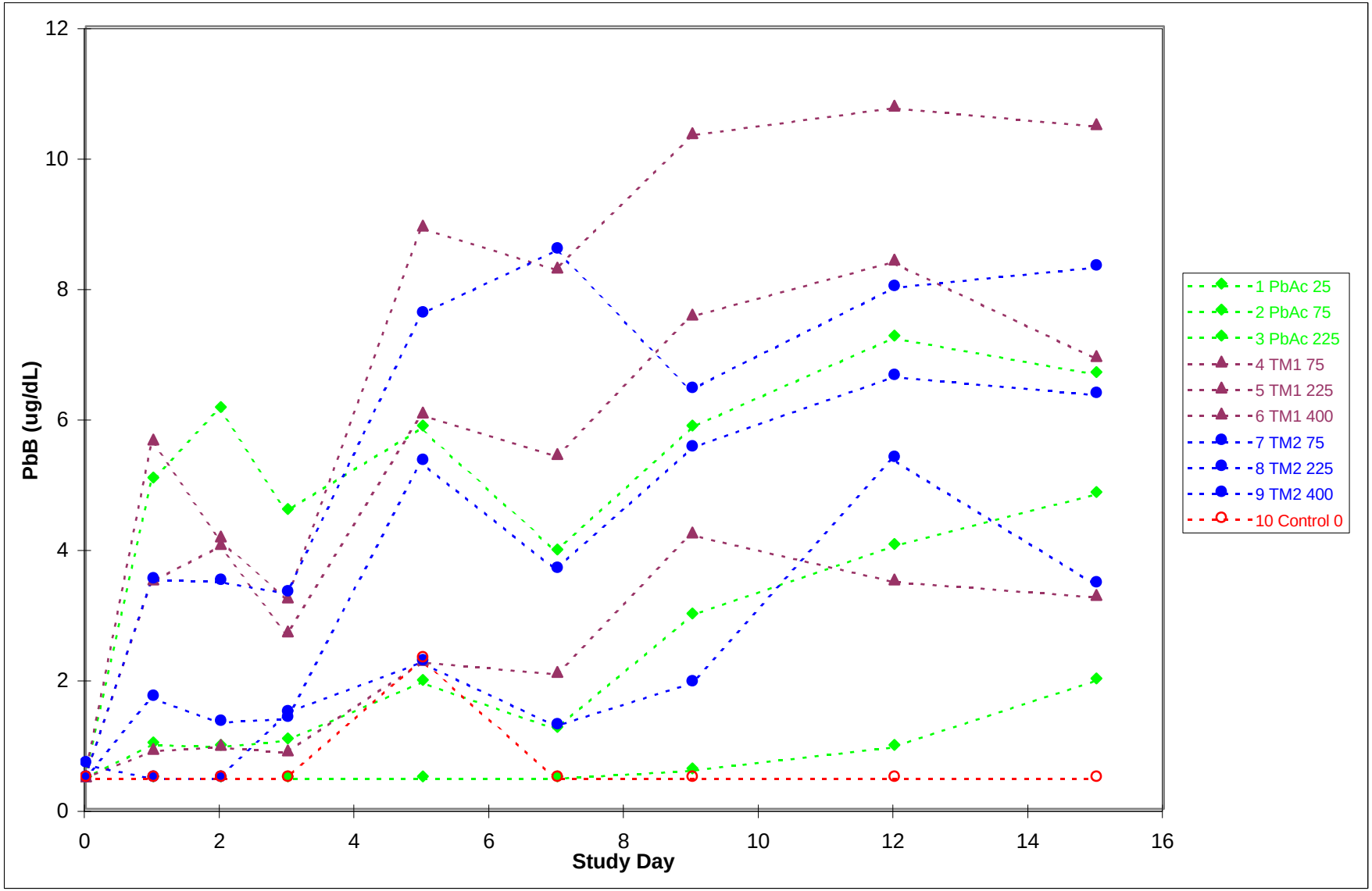

B&V Analysis.xls (Fig4-1_MeanPbB)

FIGURE 4-2 BLOOD LEAD AUC DOSE-RESPONSE

Group Means ± SEM

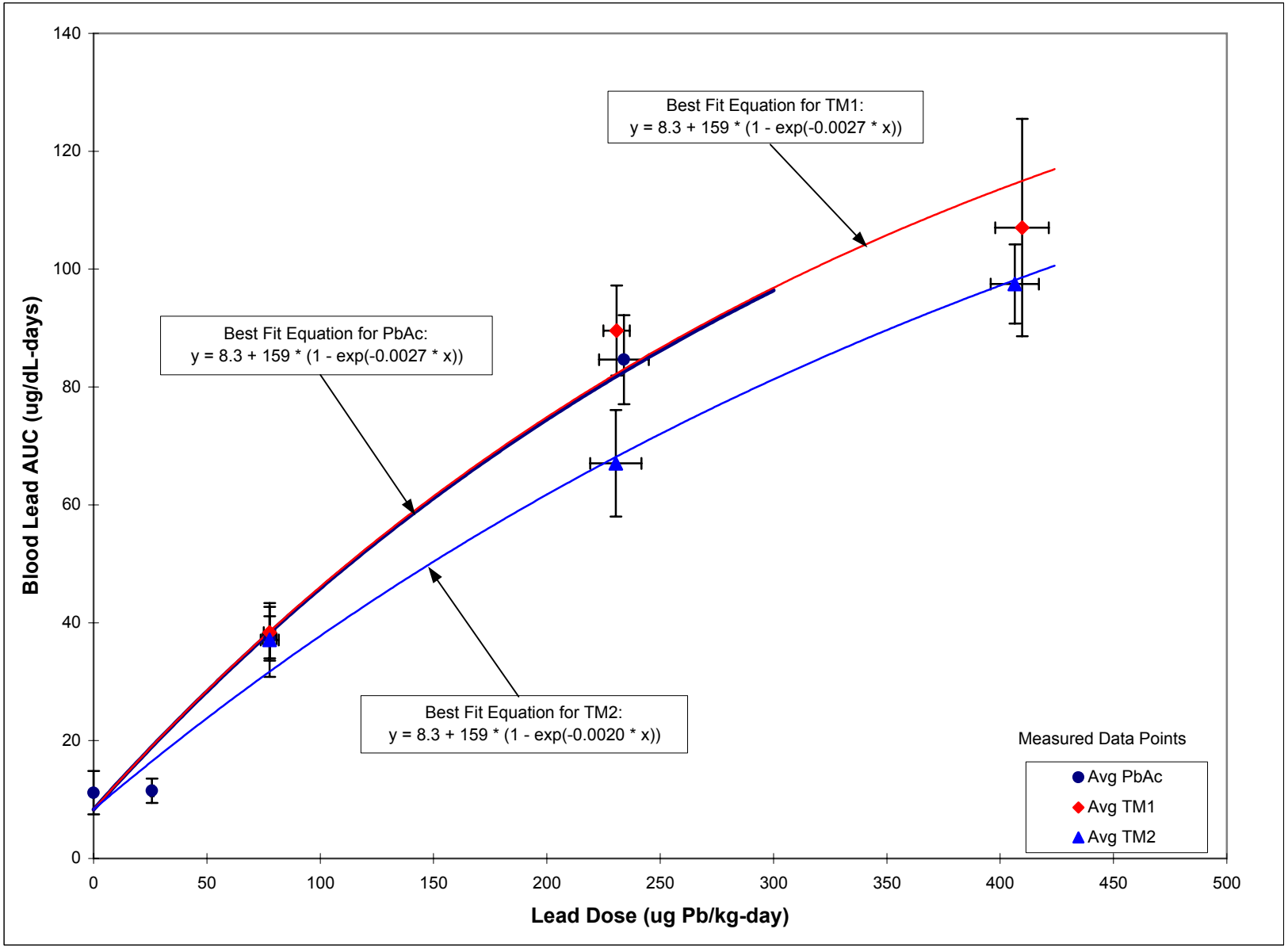

B&V Analysis.xls (Fig4-2_AUC)

FIGURE 4-3 BONE LEAD DOSE-RESPONSE

Group Means ± SEM

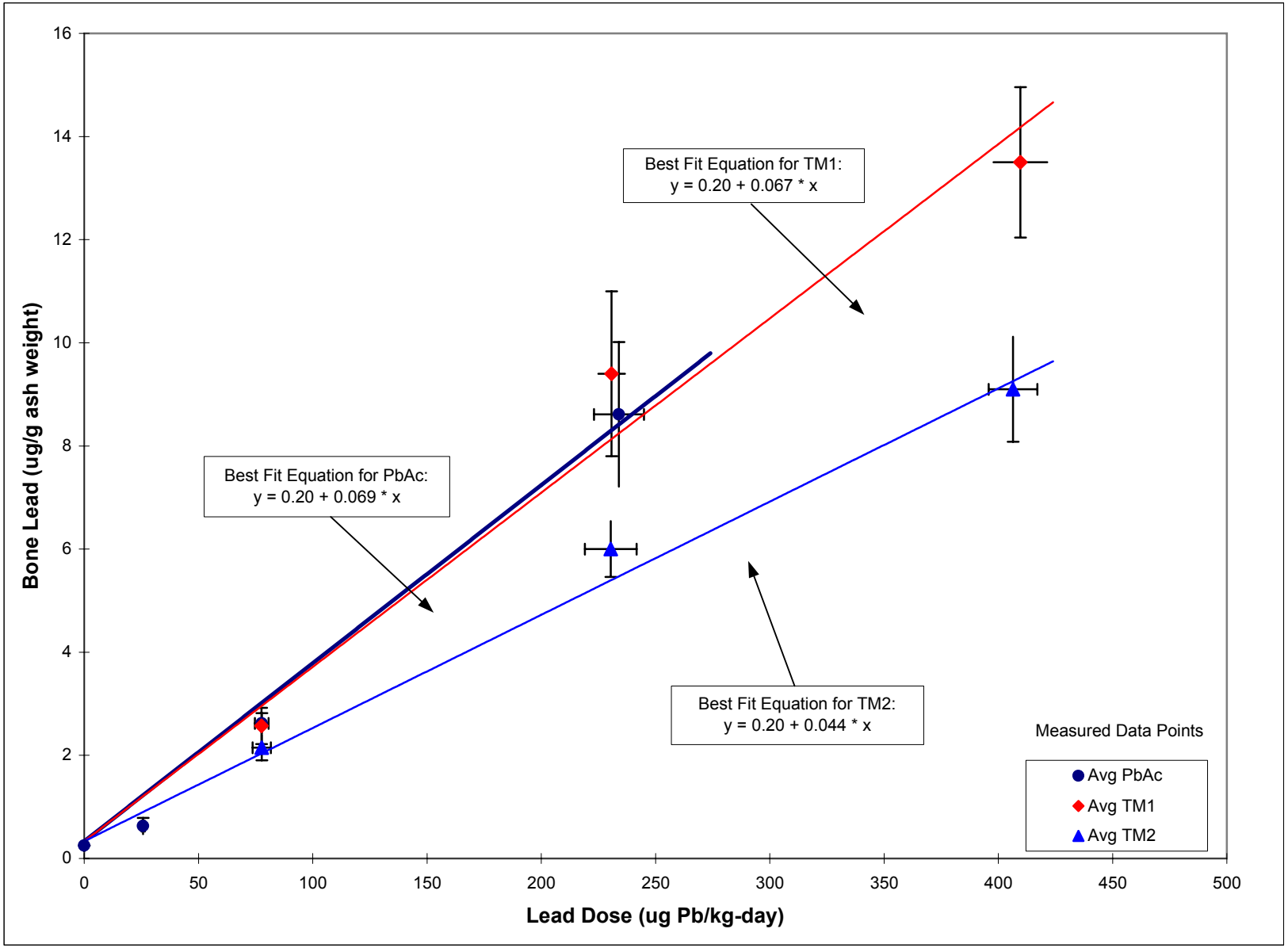

B&V Analysis.xls (Fig4-3_Femur)

FIGURE 4-4 LIVER LEAD DOSE-RESPONSE

Group Means ± SEM

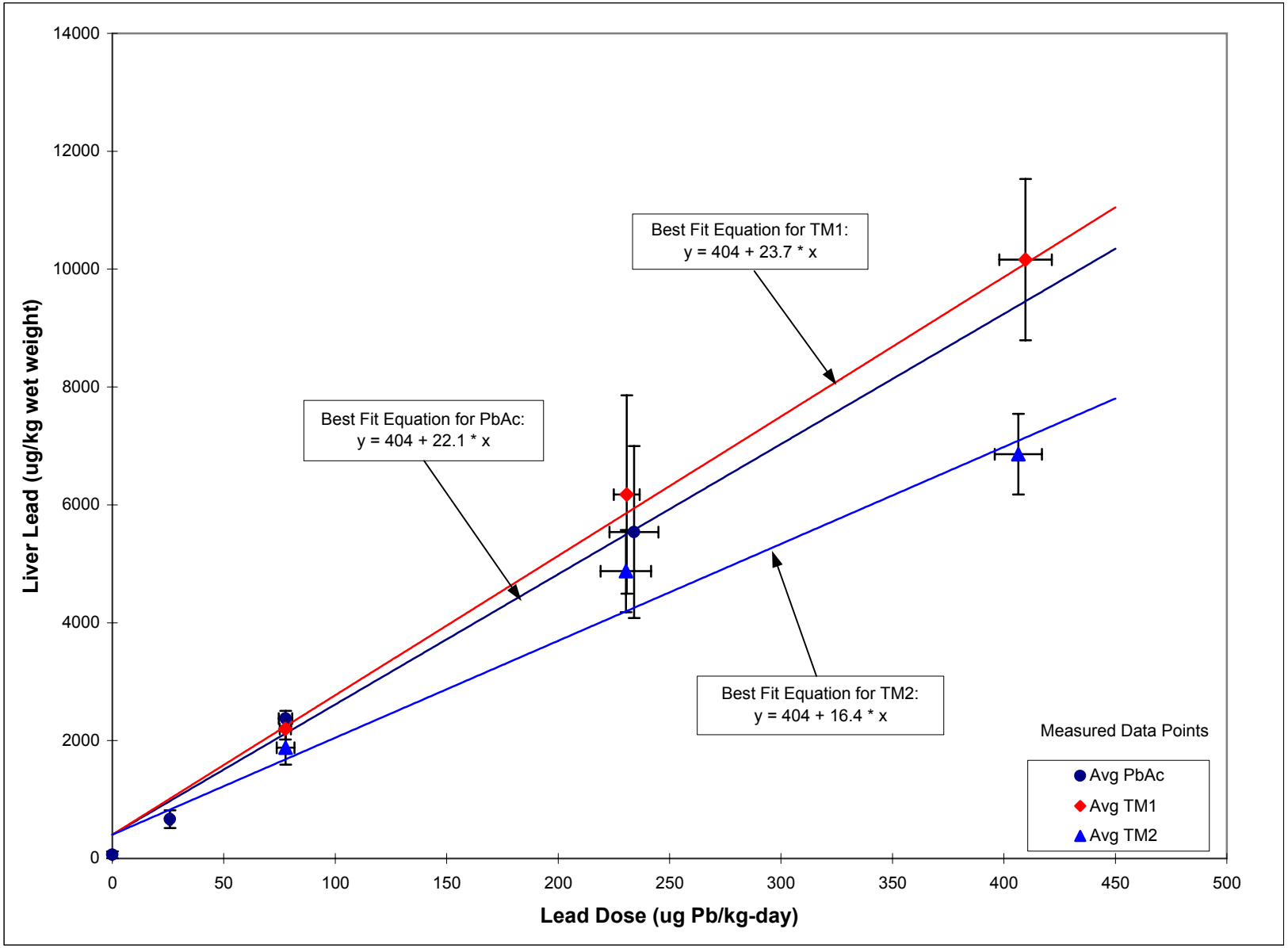

B&V Analysis.xls (Fig4-4_Liver)

FIGURE 4-5 KIDNEY LEAD DOSE-RESPONSE
Group Means ± SEM

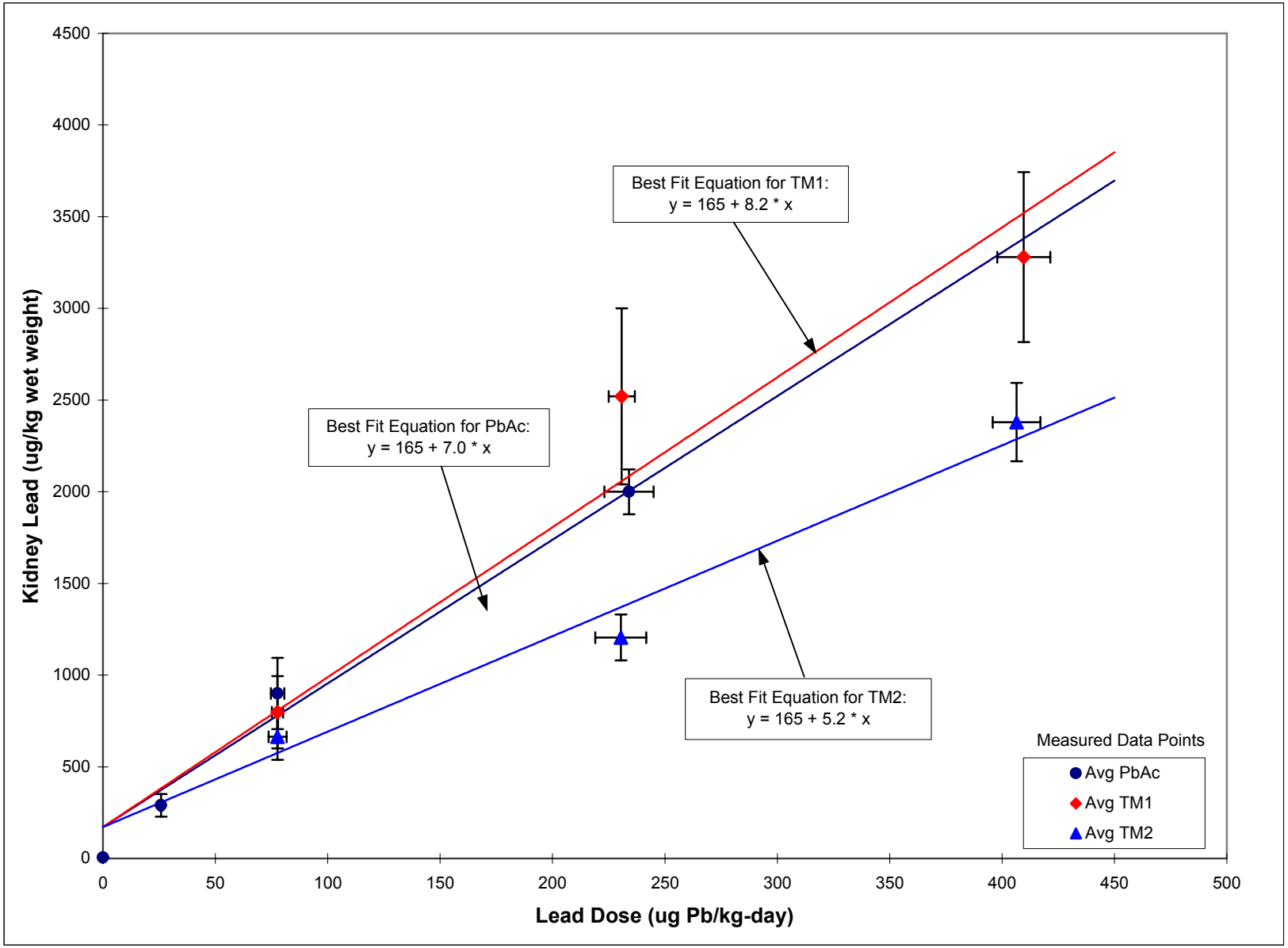

B&V Analysis.xls (Fig4-5_Kidney)

APPENDIX A

DETAILED RESULTS

TABLE A-1 SCHEDULE

Study Day	Day	Date	Bleed	Dose Administration	Feed Special Diet	Weigh	Dose Prep	Cull Pigs/ Assign Dose Group	Sacrifice/ Necropsy
-4	Thursday	9/26/02			X	X		X	
-3	Friday	9/27/02			X				
-2	Saturday	9/28/02			X				
-1	Sunday	9/29/02			X	X	X		
0	Monday	9/30/02	X	X	X				
1	Tuesday	10/1/02	X	X	X				
2	Wednesday	10/2/02	X	X	X	X	X		
3	Thursday	10/3/02	X	X	X				
4	Friday	10/4/02		X	X				
5	Saturday	10/5/02	X	X	X	X	X		
6	Sunday	10/6/02		X	X				
7	Monday	10/7/02	X	X	X				
8	Tuesday	10/8/02		X	X	X	X		
9	Wednesday	10/9/02	X	X	X				
10	Thursday	10/10/02		X	X				
11	Friday	10/11/02		X	X	X	X		
12	Saturday	10/12/02	X	X	X				
13	Sunday	10/13/02		X	X				
14	Monday	10/14/02		X	X	X			
15	Tuesday	10/15/02	X						X

TABLE A-2 GROUP ASSIGNMENTS

Pig Number	Dose Group	Material Administered	Target Dose of Lead (ug/kg-day)
242 245 262 271 441	1	PbAC	25
229 243 249 257 444	2	PbAC	75
252 260 270 275 435	3	PbAC	225
227 244 254 259 266	4	TM1	75
230 256 437 440 443	5	TM1	225
232 255 264 268 269	6	TM1	400
231 246 248 263 274	7	TM2	75
226 261 265 434 439	8	TM2	225
228 233 238 247 438	9	TM2	400
251 258 272	10	Control	0

TABLE A-3 BODY WEIGHTS AND ACTUAL ADMINISTERED DOSES, BY DAY

Body weights were measured on days -1, 2, 5, 8, 11, and 14. Weights for other days are estimated, based on linear interpolation between measured values.

Group	Pig #	Day -1		Day 0		Day 1		Day 2		Day 3		Day 4		Day 5		Day 6		Day 7		Day 8		Day 9		Day 10		Day 11		Day 12		Day 13		Day 14		Days 0-14
		BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	BW	Pb Dose	Mean Pb Dose
		(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(kg)	(ug/kg-d)	(ug/kg-d)
1	242	9.9	0.00	10.1	27.17	10.2	26.73	10.4	26.30	10.8	27.08	11.2	26.15	11.6	25.28	11.9	27.00	12.3	26.19	12.7	25.43	12.8	26.89	12.9	26.61	13.1	26.34	13.4	27.67	13.8	26.93	14.2	26.24	26.51
1	245	10.3	0.00	10.4	26.34	10.5	26.01	10.7	25.68	11.0	26.47	11.4	25.58	11.8	24.75	12.2	26.48	12.5	25.74	12.9	25.04	13.3	25.91	13.7	25.12	14.1	24.38	14.5	25.63	14.9	24.97	15.3	24.34	25.59
1	262	9.3	0.00	9.6	28.39	10.0	27.44	10.3	26.55	10.7	27.38	11.0	26.47	11.4	25.61	11.7	27.54	12.0	26.89	12.3	26.27	12.6	27.21	13.0	26.41	13.4	25.65	13.8	26.87	14.2	26.08	14.7	25.34	26.74
1	271	11.2	0.00	11.5	23.89	11.7	23.38	12.0	22.89	12.4	23.61	12.8	22.84	13.2	22.12	13.4	23.95	13.7	23.54	13.9	23.15	14.4	23.93	14.8	23.17	15.3	22.47	15.7	23.60	16.2	22.96	16.6	22.36	23.19
1	441	9.1	0.00	9.4	29.10	9.8	28.05	10.1	27.08	10.5	27.72	11.0	26.63	11.4	25.61	11.6	27.66	11.9	27.11	12.1	26.59	12.5	27.43	13.0	26.51	13.4	25.65	13.9	26.77	14.3	25.90	14.8	25.08	26.94
2	229	10.3	0.00	10.7	74.11	11.1	71.34	11.6	68.77	11.8	73.47	12.0	72.24	12.2	71.05	12.5	74.66	12.9	72.54	13.3	70.53	13.6	74.19	14.0	72.25	14.4	70.40	14.8	73.57	15.3	71.25	15.8	69.07	71.88
2	243	8.8	0.00	9.1	87.44	9.4	84.35	9.8	81.46	10.1	85.47	10.5	82.61	10.8	79.93	11.2	83.19	11.7	80.10	12.1	77.23	12.4	81.36	12.7	79.34	13.1	77.41	13.4	81.34	13.8	79.17	14.2	77.12	81.62
2	249	9.1	0.00	9.4	84.35	9.8	81.18	10.2	78.25	10.4	82.74	10.7	80.55	11.0	78.48	11.4	81.73	11.9	78.75	12.3	75.98	12.7	79.65	13.1	77.32	13.5	75.11	13.8	78.98	14.2	76.94	14.6	75.00	79.41
2	257	11.2	0.00	11.3	70.18	11.5	69.17	11.7	68.18	12.1	71.54	12.5	69.15	12.9	66.92	13.1	71.34	13.3	70.26	13.5	69.22	14.0	72.25	14.5	69.83	15.0	67.58	15.3	71.40	15.6	69.88	16.0	68.42	69.64
2	444	8.7	0.00	9.0	88.74	9.2	86.33	9.5	84.05	9.8	88.24	10.1	85.33	10.5	82.61	10.7	87.34	11.0	85.34	11.2	83.44	11.5	88.23	11.7	86.35	12.0	84.54	12.3	88.72	12.7	86.26	13.0	83.94	85.86
3	252	11.6	0.00	11.9	217.89	12.3	211.38	12.7	205.26	12.8	216.98	13.0	214.20	13.2	211.48	13.7	213.04	14.2	205.28	14.7	198.06	15.1	208.46	15.5	203.08	15.9	197.97	16.2	206.66	16.6	202.50	16.9	198.51	208.44
3	260	11.1	0.00	11.2	231.49	11.4	228.10	11.6	168.60	11.6	239.05	11.7	237.35	11.8	235.68	12.1	240.29	12.4	234.17	12.8	228.35	13.0	242.45	13.2	238.17	13.5	234.03	13.8	243.69	14.1	238.21	14.4	232.97	229.83
3	270	11.7	0.00	12.0	217.28	12.2	212.83	12.5	208.55	12.7	218.98	13.0	214.75	13.2	210.68	13.5	216.20	13.7	212.00	14.0	207.96	14.3	219.61	14.7	214.62	15.0	209.85	15.4	217.84	15.8	212.33	16.2	207.08	213.04
3	275	9.1	0.00	9.3	278.20	9.6	270.00	9.9	262.27	10.2	273.09	10.5	265.70	10.8	258.70	11.1	263.09	11.4	255.77	11.7	248.85	12.0	262.68	12.3	256.61	12.6	250.82	13.0	259.05	13.4	251.29	13.8	243.98	260.83
3	435	9.4	0.00	9.7	269.07	10.0	260.95	10.3	253.32	10.4	266.55	10.6	261.95	10.8	257.50	11.1	261.51	11.5	253.91	11.8	246.74	12.1	260.50	12.4	254.54	12.7	248.83	12.9	259.72	13.2	254.47	13.5	249.42	257.93
4	227	8.9	0.00	9.2	87.13	9.5	84.37	9.8	81.77	10.0	85.74	10.3	83.38	10.6	81.16	10.9	86.00	11.1	83.94	11.4	81.97	11.9	84.08	12.4	80.59	13.0	58.03	13.3	82.51	13.7	80.30	14.1	78.20	83.04
4	244	9.2	0.00	9.5	83.92	9.8	81.35	10.1	78.94	10.4	82.45	10.8	79.90	11.1	77.50	11.4	81.97	11.7	79.87	12.0	77.88	12.4	81.13	12.7	78.90	13.1	76.78	13.6	80.89	14.1	77.83	14.7	75.00	79.79
4	254	10.7	0.00	11.0	72.59	11.3	70.76	11.6	69.03	12.1	71.29	12.6	68.36	13.1	65.67	13.5	69.22	13.9	67.23	14.3	65.35	14.8	67.78	15.3	65.63	15.8	63.62	16.2	67.68	16.7	65.73	17.2	63.88	68.07
4	259	9.4	0.00	9.7	82.33	10.0	75.61	10.4	77.03	10.7	80.27	11.1	77.62	11.5	75.13	11.7	79.76	12.0	77.98	12.3	76.29	12.5	80.05	12.8	78.38	13.1	76.78	13.3	82.61	13.6	81.09	13.8	79.62	78.78
4	266	10.1	0.00	10.2	77.91	10.4	76.54	10.6	75.21	10.8	80.02	10.9	78.92	11.1	77.85	11.3	82.58	11.6	80.68	11.9	78.86	12.4	80.92	12.9	77.57	13.5	74.50	13.8	79.52	14.2	77.47	14.6	75.52	78.42
5	230	9.9	0.00	10.3	243.04	10.7	233.56	11.1	224.80	11.4	238.42	11.7	232.31	12.0	226.50	12.4	239.07	12.7	232.19	13.1	225.69	13.5	237.83	13.9	230.99	14.3	224.53	14.8	236.44	15.2	229.44	15.7	222.84	232.03
5	256	11.0	0.00	11.2	222.13	11.5	216.66	11.8	211.46	12.3	221.58	12.7	213.46	13.2	205.91	13.7	216.07	14.2	208.69	14.7	201.81	15.1	213.10	15.5	207.37	15.9	201.93	16.3	214.62	16.6	210.09	17.0	205.75	212.35
5	437	10.6	0.00	10.9	229.62	11.2	223.12	11.5	216.98	11.8	230.01	12.1	224.01	12.5	218.31	12.7	232.49	13.0	227.72	13.3	223.13	13.7	234.36	14.2	226.91	14.6	219.91	14.9	233.54	15.3	228.44	15.6	223.56	225.91
5	440	9.4	0.00	9.7	257.69	10.0	249.11	10.4	241.09	10.6	255.61	10.9	248.98	11.2	242.68	11.6	254.51	12.0	245.69	12.5	237.47	12.7	252.15	13.0	246.66	13.3	241.41	13.7	253.94	14.2	246.18	14.6	238.87	247.65
5	443	9.8	0.00	10.1	248.28	10.4	241.09	10.7	234.30	11.1	245.97	11.5	237.38	11.9	229.37	12.2	242.34	12.6	235.58	12.9	229.19	13.4	239.61	13.9	230.99	14.4	222.97	14.8	235.38	15.2	228.94	15.7	222.84	235.89
6	232	9.2	0.00	9.6	439.93	10.0	423.01	10.4	407.34	10.7	435.44	11.0	422.27	11.4	409.87	11.6	434.83	11.9	425.65	12.1	406.44	12.5	414.41	12.9	422.16	13.4	408.99	14.0	425.58	14.6	407.59	15.2	391.05	419.08
6	255	9.0	0.00	9.4	447.72	9.8	428.75	10.3	411.32	10.6	438.87	11.0	424.84	11.3	411.68	11.7	429.89	12.2	414.58	12.6	400.32	13.1	418.39	13.5	404.44	14.0	391.40	14.3	415.18	14.7	404.81	15.1	394.95	418.57
6	264	10.3	0.00	10.6	396.49	11.0	384.44	11.3	373.10	11.6	402.77	11.8	394.24	12.1	386.06	12.4	407.32	12.7	396.64	13.1	386.51	13.4	407.46	13.8	397.09	14.1	387.23	14.4	411.82	14.8	402.53	15.1	393.64	394.63
6	268	10.7	0.00	11.0	382.11	11.4	369.28	11.8	357.29	12.1	383.93	12.4	374.16	12.8	364.86	13.2	382.60	13.6	370.43	14.1	359.00	14.4	380.05	14.7	371.85	15.0	364.00	15.3	387.65	15.7	379.40	16.0	371.50	373.52
6	269	8.6	0.00	8.9	476.38	9.2	460.77	9.5	334.60	9.8	473.08	10.2	455.33	10.6	438.87	10.9	463.46	11.2	451.70	11.5	440.52	11.9	457.54	12.4	439.73	12.9	423.26	13.2	449.17	13.6	438.13	13.9	427.63	442.47
7	231	9.5	0.00	9.8	84.41	10.2	81.50	10.5	78.79	10.7	85.36	10.8	84.05	11.0	78.63	11.4	86.37	11.7	83.67	12.1	81.14	12.4	84.92	12.7	82.91	13.0	81.00	13.2	85.35	13.5	83.87	13.7	82.45	82.97
7	246	11.5	0.00	11.9	69.81	12.3	67.53	12.7	65.40	13.1	69.33	13.6	66.87	14.1	64.57	14.4	68.34	14.6	67.09	14.9	65.89	15.2	69.43	15.4	68.23	15.7	67.07	16.1	70.01	16.6	68.18	17.0	66.44	67.45
7	248	10.5	0.00	10.9	75.78	11.3	72.99	11.8	70.40	12.1	75.04	12.5	72.74	12.9	70.58	13.2	74.28	13.5	72.54	13.9	70.88	14.3	73.47	14.8	71.07	15.3	68.82	15.7	72.10	16.0	70.45	16.4	68.87	72.22
7	263	10.2	0.00	10.6	78.29	10.9	75.66	11.3	73.21	11.6	78.38	11.9	76.30	12.3	74.33	12.6	78.23	12.9	76.40	13.2	74.66	13.5	78.10	13.8	76.21	14.2	74.42	14.6	77.45	15.0	75.22	15.5	73.11	75.94
7	274	8.6	0.00	8.9	93.30	9.2	90.08	9.5	87.08	9.7	93.54	10.0	91.35	10.2	89.26	10.5	93.20	10.9	90.35	11.2	87.66	11.5	91.43	11.8	88.99	12.2	86.67	12.5	90.12	12.9	87.45	13.3	84.92	89.86
8	226	9.8	0.00	10.2	239.51	10.6	229.73	11.1	220.72	11.4	233.29	11.8	226.34	12.1	219.79	12.5	230.40	12.9	223.26	13.3	216.54	13.7	226.81	14.1	220.37	14.5	214.29	14.9	225.71	15.3	220.04	15.7	214.65	225.00
8	261	10.3	0.00	10.6	229.73	11.0	222.06	11.4	214.89	11.8	225.70	12.2	217.69	12.7	210.24	12.8	224.42	13.0	221.25	13.2	212.73	13.6	229.04	13.9	217.43	14.3	217.29	14.8	227.23	15.3	220.04	15.8	213.29	219.94
8	265	11.1	0.00	11.3	134.90	11.6	211.17	11.8	206.69	12.0	221.32	12.2	217.40	12.5	213.61	13.0	221.54	13.6	212.55	14.1	204.26	14.3	217.29	14.5	214.29	14.7	211.38	15.2	221.73	15.6	215.34	16.1	209.30	207.48
8	434	9.7	0.00	10.1	241.88	10.5	231.92	11.0	222.74	11.3	235.70	11.6	228.94	12.0	178.04	12.2	235.74	12.5	230.71	12.8	225.88	13.2	235.99	13.6	228.75	14.0	221.95	14.4	232.74	14.9	225.96	15.3	219.56	225.82
8	439	8.5	0.00	8.7	281.97	8.8	277.16	9.0	272.51	9.3	287.51	9.6	278.48	9.9	270.00	10.1	284.21	10.4	276.48	10.7	269.16	11.2	277.85	11.7	266.34	12.2	255.74	12.5	269.10	12.8	262.10	13.2	255.46	273.68
9	228	10.0	0.00	10.5	432.76	11.0	413.09	11.5	395.13	11.8	419.83	12.2	408.33	12.5	397.44	13.0	416.76	13.4	402.28	13.9	388.78	14.3	417.48	14.6	407.02	15.0	397.07	15.3	422.36	15.5	415.11	15.8	408.10	410.00
9	233	10.5	0.00	10.8	420.74	11.2	407.53	11.5	395.13	11.7	424.01	11.9	416.31	12.2	408.89	12.6	428.89	13.1	310.57	13.5	380.28	13.9	429.00	14.3	417.48	14.7	406.55	15.2	425.61	15.7	412.01	16.2	399.26	402.44
9	238	9.6	0.00	9.8	462.10	10.1	451.39	10.3	441.17	10.8	462.14	11.2	443.57	11.7	426.44	12.2	441.74	12.8	421.64	13.4	403.28	13.8	432.12	14.2	420.42	14.6	409.35	15.0	430.82	15.4	419.15	15.8	408.10	434.30
9	247	11.5	0.00	11.9	383.46	12.3	370.94	12.7	359.21	13.1	380.20	13.5	368.45	13.9	357.41	14.3	378.34	14.7	368.45	15.1	359.07	15.5	383.85	16.0	372.64	16.5	362.07	17.0	380.41	17.5	369.51	18.0	359.22	369.56
9	438	10.3	0.00	10.6	429.35	10.9	418.16	11.2	407.53	11.6	430.13	12.0	415.73	12.4	402.27	12.8	423.29	13.2	409.91	13.6	397.35	14.1	423.91	14.5	410.76	15.0	398.39	15.2	425.14	15.4	419.15	15.6	413.33	415.95
10	251	9.1	0.00	9.5	0.00	9.9	0.00	10.4	0.00	10.7	0.00	11.1	0.00	11.5	0.00	11.6	0.00	11.7	0.00	11.9	0.00	12.4	0.00	13.0	0.00	13.6	0.00	13.7	0.00	13.9	0.00	14.0	0.00	0.00
10	258	9.7	0.00	10.1	0.00	10.5	0.00	10.9	0.00	11.4	0.00	11.8	0.00	12.3	0.00	12.6	0.00	12.9	0.00	13.2	0.00	13.6	0.00	13.9	0.00	14.3	0.00	14.7	0.00	15.1	0.00	15.5	0.00	0.00
10	272	10.6	0.00	10.8	0.00	11.0	0.00	11.2	0.00	11.4	0.00	11.7	0.00	12.0	0.00	12.3	0.00	12.7	0.00	13.0	0.00	13.2	0.00	13.5	0.00	13.7	0.00	14.0	0.00	14.3	0.00	14.7	0.00	0.00

Missed Doses:

Day 0 - Pig 265 did not eat entire AM dose (ate approximately 25%). Daily dose adjusted to 62.5%.
Day 1 - Pig 259 did not eat entire PM dose (ate approximately 90%). Daily dose adjusted to 95%.
Day 2 - Pig 260 did not eat entire PM dose (ate approximately 50%). Daily dose adjusted to 75%.
Day 2 - Pig 269 did not eat entire PM dose (ate approximately 50%). Daily dose adjusted to 75%.
Day 5 - Pig 231 did not eat entire PM dose (ate approximately 90%). Daily dose adjusted to 95%.
Day 5 - Pig 434 did not eat entire PM dose (ate approximately 60%). Daily dose adjusted to 80%.
Day 7 - Pig 233 did not eat entire PM dose (ate approximately 50%). Daily dose adjusted to 75%.
Day 8 - Pig 232 did not eat entire PM dose (ate approximately 95%). Daily dose adjusted to 97.5%.
Day 8 - Pig 261 did not eat entire PM dose (ate approximately 95%). Daily dose adjusted to 97.5%.
Day 8 - Pig 233 did not eat entire PM dose (ate approximately 90%). Daily dose adjusted to 95%.
Day 9 - Pig 232 did not eat entire PM dose (ate approximately 90%). Daily dose adjusted to 95%.
Day 10 - Pig 261 did not eat entire PM dose (ate approximately 95%). Daily dose adjusted to 97.5%.
Day 11 - Pig 227 did not eat entire PM dose (ate approximately 50%). Daily dose adjusted to 75%.

TABLE A-4 LEAD ANALYTICAL RESULTS

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-440-(2)-B	BV-01-0250	blood	5	Site 1	225	440	2	10/02/02	2495.25	241.09	Pb		5.5	1	5.5	ug/dL
BV-443-(2)-B	BV-01-0247	blood	5	Site 1	225	443	2	10/02/02	2495.25	234.3	Pb		3.4	1	3.4	ug/dL
BV-232-(2)-B	BV-01-0240	blood	6	Site 1	400	232	2	10/02/02	4216	407.34	Pb		5.6	1	5.6	ug/dL
BV-255-(2)-B	BV-01-0259	blood	6	Site 1	400	255	2	10/02/02	4216	411.32	Pb		3.2	1	3.2	ug/dL
BV-264-(2)-B	BV-01-0270	blood	6	Site 1	400	264	2	10/02/02	4216	373.1	Pb		7.9	1	7.9	ug/dL
BV-268-(2)-B	BV-01-0275	blood	6	Site 1	400	268	2	10/02/02	4216	357.29	Pb		3	1	3	ug/dL
BV-269-(2)-B	BV-01-0274	blood	6	Site 1	400	269	2	10/02/02	3162	334.6	Pb		1.2	1	1.2	ug/dL
BV-231-(2)-B	BV-01-0269	blood	7	Site 2	75	231	2	10/02/02	827.25	78.79	Pb	<	1	1	0.5	ug/dL
BV-246-(2)-B	BV-01-0252	blood	7	Site 2	75	246	2	10/02/02	827.25	65.4	Pb	<	1	1	0.5	ug/dL
BV-248-(2)-B	BV-01-0267	blood	7	Site 2	75	248	2	10/02/02	827.25	70.4	Pb	<	1	1	0.5	ug/dL
BV-263-(2)-B	BV-01-0227	blood	7	Site 2	75	263	2	10/02/02	827.25	73.21	Pb	<	1	1	0.5	ug/dL
BV-274-(2)-B	BV-01-0244	blood	7	Site 2	75	274	2	10/02/02	827.25	87.08	Pb	<	1	1	0.5	ug/dL
BV-226-(2)-B	BV-01-0263	blood	8	Site 2	225	226	2	10/02/02	2439	220.72	Pb		1.3	1	1.3	ug/dL
BV-261-(2)-B	BV-01-0266	blood	8	Site 2	225	261	2	10/02/02	2439	214.89	Pb		2.2	1	2.2	ug/dL
BV-265-(2)-B	BV-01-0251	blood	8	Site 2	225	265	2	10/02/02	2439	206.69	Pb	<	1	1	0.5	ug/dL
BV-434-(2)-B	BV-01-0258	blood	8	Site 2	225	434	2	10/02/02	2439	222.74	Pb		1.4	1	1.4	ug/dL
BV-439-(2)-B	BV-01-0254	blood	8	Site 2	225	439	2	10/02/02	2439	272.51	Pb		1.4	1	1.4	ug/dL
BV-228-(2)-B	BV-01-0239	blood	9	Site 2	400	228	2	10/02/02	4544	395.13	Pb		3.8	1	3.8	ug/dL
BV-233-(2)-B	BV-01-0242	blood	9	Site 2	400	233	2	10/02/02	4544	395.13	Pb		1.7	1	1.7	ug/dL
BV-238-(2)-B	BV-01-0253	blood	9	Site 2	400	238	2	10/02/02	4544	441.17	Pb		2.2	1	2.2	ug/dL
BV-247-(2)-B	BV-01-0278	blood	9	Site 2	400	247	2	10/02/02	4544	359.21	Pb		5.2	1	5.2	ug/dL
BV-438-(2)-B	BV-01-0245	blood	9	Site 2	400	438	2	10/02/02	4544	407.53	Pb		4.7	1	4.7	ug/dL
BV-251-(2)-B	BV-01-0273	blood	10	Control	0	251	2	10/02/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(2)-B	BV-01-0249	blood	10	Control	0	258	2	10/02/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(2)-B	BV-01-0229	blood	10	Control	0	272	2	10/02/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(0)-B	BV-01-0169	blood	1	PbAC	25	242	0	09/30/02	273.5	27.17	Pb	<	1	1	0.5	ug/dL
BV-245-(0)-B	BV-01-0124	blood	1	PbAC	25	245	0	09/30/02	273.5	26.34	Pb	<	1	1	0.5	ug/dL
BV-262-(0)-B	BV-01-0133	blood	1	PbAC	25	262	0	09/30/02	273.5	28.39	Pb	<	1	1	0.5	ug/dL
BV-271-(0)-B	BV-01-0153	blood	1	PbAC	25	271	0	09/30/02	273.5	23.89	Pb	<	1	1	0.5	ug/dL
BV-441-(0)-B	BV-01-0166	blood	1	PbAC	25	441	0	09/30/02	273.5	29.1	Pb	<	1	1	0.5	ug/dL
BV-229-(0)-B	BV-01-0127	blood	2	PbAC	75	229	0	09/30/02	794.25	74.11	Pb	<	1	1	0.5	ug/dL
BV-243-(0)-B	BV-01-0123	blood	2	PbAC	75	243	0	09/30/02	794.25	87.44	Pb	<	1	1	0.5	ug/dL
BV-249-(0)-B	BV-01-0130	blood	2	PbAC	75	249	0	09/30/02	794.25	84.35	Pb	<	1	1	0.5	ug/dL
BV-257-(0)-B	BV-01-0155	blood	2	PbAC	75	257	0	09/30/02	794.25	70.18	Pb	<	1	1	0.5	ug/dL
BV-444-(0)-B	BV-01-0150	blood	2	PbAC	75	444	0	09/30/02	794.25	88.74	Pb	<	1	1	0.5	ug/dL
BV-252-(0)-B	BV-01-0167	blood	3	PbAC	225	252	0	09/30/02	2596.5	217.89	Pb	<	1	1	0.5	ug/dL
BV-260-(0)-B	BV-01-0132	blood	3	PbAC	225	260	0	09/30/02	2596.5	231.49	Pb	<	1	1	0.5	ug/dL
BV-270-(0)-B	BV-01-0121	blood	3	PbAC	225	270	0	09/30/02	2596.5	217.28	Pb	<	1	1	0.5	ug/dL
BV-275-(0)-B	BV-01-0131	blood	3	PbAC	225	275	0	09/30/02	2596.5	278.2	Pb	<	1	1	0.5	ug/dL
BV-435-(0)-B	BV-01-0149	blood	3	PbAC	225	435	0	09/30/02	2596.5	269.07	Pb	<	1	1	0.5	ug/dL
BV-227-(0)-B	BV-01-0165	blood	4	Site 1	75	227	0	09/30/02	797.25	87.13	Pb	<	1	1	0.5	ug/dL
BV-244-(0)-B	BV-01-0159	blood	4	Site 1	75	244	0	09/30/02	797.25	83.92	Pb	<	1	1	0.5	ug/dL
BV-254-(0)-B	BV-01-0152	blood	4	Site 1	75	254	0	09/30/02	797.25	72.59	Pb	<	1	1	0.5	ug/dL
BV-242-(3)-B	BV-01-0304	blood	1	PbAC	25	242	3	10/03/02	292	27.08	Pb	<	1	1	0.5	ug/dL
BV-245-(3)-B	BV-01-0328	blood	1	PbAC	25	245	3	10/03/02	292	26.47	Pb	<	1	1	0.5	ug/dL
BV-262-(3)-B	BV-01-0289	blood	1	PbAC	25	262	3	10/03/02	292	27.38	Pb	<	1	1	0.5	ug/dL
BV-271-(3)-B	BV-01-0305	blood	1	PbAC	25	271	3	10/03/02	292	23.61	Pb	<	1	1	0.5	ug/dL
BV-441-(3)-B	BV-01-0307	blood	1	PbAC	25	441	3	10/03/02	292	27.72	Pb	<	1	1	0.5	ug/dL
BV-229-(3)-B	BV-01-0324	blood	2	PbAC	75	229	3	10/03/02	863.25	73.47	Pb		2.4	1	2.4	ug/dL
BV-243-(3)-B	BV-01-0327	blood	2	PbAC	75	243	3	10/03/02	863.25	85.47	Pb	<	1	1	0.5	ug/dL
BV-249-(3)-B	BV-01-0284	blood	2	PbAC	75	249	3	10/03/02	863.25	82.74	Pb	<	1	1	0.5	ug/dL
BV-257-(3)-B	BV-01-0279	blood	2	PbAC	75	257	3	10/03/02	863.25	71.54	Pb		1.5	1	1.5	ug/dL
BV-444-(3)-B	BV-01-0285	blood	2	PbAC	75	444	3	10/03/02	863.25	88.24	Pb	<	1	1	0.5	ug/dL
BV-252-(3)-B	BV-01-0283	blood	3	PbAC	225	252	3	10/03/02	2781	216.98	Pb		3.6	1	3.6	ug/dL
BV-260-(3)-B	BV-01-0301	blood	3	PbAC	225	260	3	10/03/02	2781	239.05	Pb		3.5	1	3.5	ug/dL
BV-270-(3)-B	BV-01-0287	blood	3	PbAC	225	270	3	10/03/02	2781	218.98	Pb		5.1	1	5.1	ug/dL
BV-275-(3)-B	BV-01-0296	blood	3	PbAC	225	275	3	10/03/02	2781	273.09	Pb		6.8	1	6.8	ug/dL
BV-435-(3)-B	BV-01-0280	blood	3	PbAC	225	435	3	10/03/02	2781	266.55	Pb		4	1	4	ug/dL
BV-227-(3)-B	BV-01-0320	blood	4	Site 1	75	227	3	10/03/02	860.25	85.74	Pb	<	1	1	0.5	ug/dL
BV-244-(3)-B	BV-01-0303	blood	4	Site 1	75	244	3	10/03/02	860.25	82.45	Pb	<	1	1	0.5	ug/dL
BV-254-(3)-B	BV-01-0292	blood	4	Site 1	75	254	3	10/03/02	860.25	71.29	Pb		1.5	1	1.5	ug/dL
BV-259-(3)-B	BV-01-0293	blood	4	Site 1	75	259	3	10/03/02	860.25	80.27	Pb		1.5	1	1.5	ug/dL
BV-266-(3)-B	BV-01-0291	blood	4	Site 1	75	266	3	10/03/02	860.25	80.02	Pb	<	1	1	0.5	ug/dL
BV-230-(3)-B	BV-01-0316	blood	5	Site 1	225	230	3	10/03/02	2718	238.42	Pb		1.4	1	1.4	ug/dL
BV-256-(3)-B	BV-01-0299	blood	5	Site 1	225	256	3	10/03/02	2718	221.58	Pb		4.8	1	4.8	ug/dL
BV-437-(3)-B	BV-01-0286	blood	5	Site 1	225	437	3	10/03/02	2718	230.01	Pb	<	1	1	0.5	ug/dL
BV-440-(3)-B	BV-01-0313	blood	5	Site 1	225	440	3	10/03/02	2718	255.61	Pb		3.5	1	3.5	ug/dL
BV-443-(3)-B	BV-01-0281	blood	5	Site 1	225	443	3	10/03/02	2718	245.97	Pb		3.4	1	3.4	ug/dL
BV-232-(3)-B	BV-01-0310	blood	6	Site 1	400	232	3	10/03/02	4652	435.44	Pb		6.2	1	6.2	ug/dL
BV-259-(0)-B	BV-01-0161	blood	4	Site 1	75	259	0	09/30/02	797.25	82.33	Pb	<	1	1	0.5	ug/dL
BV-266-(0)-B	BV-01-0120	blood	4	Site 1	75	266	0	09/30/02	797.25	77.91	Pb	<	1	1	0.5	ug/dL
BV-230-(0)-B	BV-01-0157	blood	5	Site 1	225	230	0	09/30/02	2495.25	243.04	Pb	<	1	1	0.5	ug/dL
BV-256-(0)-B	BV-01-0160	blood	5	Site 1	225	256	0	09/30/02	2495.25	222.13	Pb	<	1	1	0.5	ug/dL
BV-437-(0)-B	BV-01-0158	blood	5	Site 1	225	437	0	09/30/02	2495.25	229.62	Pb	<	1	1	0.5	ug/dL
BV-440-(0)-B	BV-01-0125	blood	5	Site 1	225	440	0	09/30/02	2495.25	257.69	Pb	<	1	1	0.5	ug/dL
BV-443-(0)-B	BV-01-0172	blood	5	Site 1	225	443	0	09/30/02	2495.25	248.28	Pb	<	1	1	0.5	ug/dL
BV-232-(0)-B	BV-01-0134	blood	6	Site 1	400	232	0	09/30/02	4216	439.93	Pb	<	1	1	0.5	ug/dL
BV-255-(0)-B	BV-01-0171	blood	6	Site 1	400	255	0	09/30/02	4216	447.72	Pb	<	1	1	0.5	ug/dL
BV-264-(0)-B	BV-01-0147	blood	6	Site 1	400	264	0	09/30/02	4216	396.49	Pb	<	1	1	0.5	ug/dL
BV-268-(0)-B	BV-01-0156	blood	6	Site 1	400	268	0	09/30/02	4216	382.11	Pb	<	1	1	0.5	ug/dL
BV-269-(0)-B	BV-01-0139	blood	6	Site 1	400	269	0	09/30/02	4216	476.38	Pb	<	1	1	0.5	ug/dL
BV-231-(0)-B	BV-01-0168	blood	7	Site 2	75	231	0	09/30/02	827.25	84.41	Pb	<	1	1	0.5	ug/dL
BV-246-(0)-B	BV-01-0140	blood	7	Site 2	75	246	0	09/30/02	827.25	69.81	Pb	<	1	1	0.5	ug/dL
BV-248-(0)-B	BV-01-0146	blood	7	Site 2	75	248	0	09/30/02	827.25	75.78	Pb		1.6	1	1.6	ug/dL
BV-263-(0)-B	BV-01-0137	blood	7	Site 2	75	263	0	09/30/02	827.25	78.29	Pb	<	1	1	0.5	ug/dL
BV-274-(0)-B	BV-01-0138	blood	7	Site 2	75	274	0	09/30/02	827.25	93.3	Pb	<	1	1	0.5	ug/dL
BV-226-(0)-B	BV-01-0163	blood	8	Site 2	225	226	0	09/30/02	2439	239.51	Pb	<	1	1	0.5	ug/dL
BV-261-(0)-B	BV-01-0129	blood	8	Site 2	225	261	0	09/30/02	2439	229.73	Pb	<	1	1	0.5	ug/dL
BV-265-(0)-B	BV-01-0145	blood	8	Site 2	225	265	0	09/30/02	1524.38	134.9	Pb	<	1	1	0.5	ug/dL
BV-434-(0)-B	BV-01-0162	blood	8	Site 2	225	434	0	09/30/02	2439	241.88	Pb	<	1	1	0.5	ug/dL
BV-439-(0)-B	BV-01-0144	blood	8	Site 2	225	439	0	09/30/02	2439	281.97	Pb	<	1	1	0.5	ug/dL

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-228-(0)-B	BV-01-0142	blood	9	Site 2	400	228	0	09/30/02	4544	432.76	Pb	<	1	1	0.5	ug/dL
BV-233-(0)-B	BV-01-0122	blood	9	Site 2	400	233	0	09/30/02	4544	420.74	Pb	<	1	1	0.5	ug/dL
BV-238-(0)-B	BV-01-0143	blood	9	Site 2	400	238	0	09/30/02	4544	462.1	Pb	<	1	1	0.5	ug/dL
BV-247-(0)-B	BV-01-0154	blood	9	Site 2	400	247	0	09/30/02	4544	383.46	Pb	<	1	1	0.5	ug/dL
BV-438-(0)-B	BV-01-0148	blood	9	Site 2	400	438	0	09/30/02	4544	429.35	Pb	<	1	1	0.5	ug/dL
BV-251-(0)-B	BV-01-0136	blood	10	Control	0	251	0	09/30/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(0)-B	BV-01-0135	blood	10	Control	0	258	0	09/30/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(0)-B	BV-01-0151	blood	10	Control	0	272	0	09/30/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(1)-B	BV-01-0188	blood	1	PbAC	25	242	1	10/01/02	273.5	26.73	Pb	<	1	1	0.5	ug/dL
BV-245-(1)-B	BV-01-0177	blood	1	PbAC	25	245	1	10/01/02	273.5	26.01	Pb	<	1	1	0.5	ug/dL
BV-262-(1)-B	BV-01-0219	blood	1	PbAC	25	262	1	10/01/02	273.5	27.44	Pb	<	1	1	0.5	ug/dL
BV-271-(1)-B	BV-01-0208	blood	1	PbAC	25	271	1	10/01/02	273.5	23.38	Pb	<	1	1	0.5	ug/dL
BV-441-(1)-B	BV-01-0201	blood	1	PbAC	25	441	1	10/01/02	273.5	28.05	Pb	<	1	1	0.5	ug/dL
BV-229-(1)-B	BV-01-0215	blood	2	PbAC	75	229	1	10/01/02	794.25	71.34	Pb		1	1	1	ug/dL
BV-243-(1)-B	BV-01-0192	blood	2	PbAC	75	243	1	10/01/02	794.25	84.35	Pb	<	1	1	0.5	ug/dL
BV-249-(1)-B	BV-01-0185	blood	2	PbAC	75	249	1	10/01/02	794.25	81.18	Pb	<	1	1	0.5	ug/dL
BV-257-(1)-B	BV-01-0223	blood	2	PbAC	75	257	1	10/01/02	794.25	69.17	Pb		2.6	1	2.6	ug/dL
BV-444-(1)-B	BV-01-0205	blood	2	PbAC	75	444	1	10/01/02	794.25	86.33	Pb	<	1	1	0.5	ug/dL
BV-252-(1)-B	BV-01-0180	blood	3	PbAC	225	252	1	10/01/02	2596.5	211.38	Pb		5	1	5	ug/dL
BV-260-(1)-B	BV-01-0202	blood	3	PbAC	225	260	1	10/01/02	2596.5	228.1	Pb		1	1	1	ug/dL
BV-270-(1)-B	BV-01-0191	blood	3	PbAC	225	270	1	10/01/02	2596.5	212.83	Pb		5	1	5	ug/dL
BV-275-(1)-B	BV-01-0200	blood	3	PbAC	225	275	1	10/01/02	2596.5	270	Pb		10	1	10	ug/dL
BV-435-(1)-B	BV-01-0186	blood	3	PbAC	225	435	1	10/01/02	2596.5	260.95	Pb		4.4	1	4.4	ug/dL
BV-227-(1)-B	BV-01-0195	blood	4	Site 1	75	227	1	10/01/02	797.25	84.37	Pb	<	1	1	0.5	ug/dL
BV-244-(1)-B	BV-01-0199	blood	4	Site 1	75	244	1	10/01/02	797.25	81.35	Pb	<	1	1	0.5	ug/dL
BV-254-(1)-B	BV-01-0206	blood	4	Site 1	75	254	1	10/01/02	797.25	70.76	Pb		2.6	1	2.6	ug/dL
BV-259-(1)-B	BV-01-0209	blood	4	Site 1	75	259	1	10/01/02	757.39	75.61	Pb	<	1	1	0.5	ug/dL
BV-266-(1)-B	BV-01-0175	blood	4	Site 1	75	266	1	10/01/02	797.25	76.54	Pb	<	1	1	0.5	ug/dL
BV-230-(1)-B	BV-01-0173	blood	5	Site 1	225	230	1	10/01/02	2495.25	233.56	Pb		1.3	1	1.3	ug/dL
BV-256-(1)-B	BV-01-0174	blood	5	Site 1	225	256	1	10/01/02	2495.25	216.66	Pb		3.6	1	3.6	ug/dL
BV-437-(1)-B	BV-01-0225	blood	5	Site 1	225	437	1	10/01/02	2495.25	223.12	Pb		2.4	1	2.4	ug/dL
BV-440-(1)-B	BV-01-0184	blood	5	Site 1	225	440	1	10/01/02	2495.25	249.11	Pb		7.6	1	7.6	ug/dL
BV-443-(1)-B	BV-01-0218	blood	5	Site 1	225	443	1	10/01/02	2495.25	241.09	Pb		2.7	1	2.7	ug/dL
BV-232-(1)-B	BV-01-0211	blood	6	Site 1	400	232	1	10/01/02	4216	423.01	Pb		8.9	1	8.9	ug/dL
BV-255-(1)-B	BV-01-0221	blood	6	Site 1	400	255	1	10/01/02	4216	428.75	Pb		5.6	1	5.6	ug/dL
BV-264-(1)-B	BV-01-0187	blood	6	Site 1	400	264	1	10/01/02	4216	384.44	Pb		7.3	1	7.3	ug/dL
BV-268-(1)-B	BV-01-0212	blood	6	Site 1	400	268	1	10/01/02	4216	369.28	Pb		6	1	6	ug/dL
BV-269-(1)-B	BV-01-0183	blood	6	Site 1	400	269	1	10/01/02	4216	460.77	Pb	<	1	1	0.5	ug/dL
BV-231-(1)-B	BV-01-0204	blood	7	Site 2	75	231	1	10/01/02	827.25	81.5	Pb	<	1	1	0.5	ug/dL
BV-246-(1)-B	BV-01-0176	blood	7	Site 2	75	246	1	10/01/02	827.25	67.53	Pb	<	1	1	0.5	ug/dL
BV-248-(1)-B	BV-01-0182	blood	7	Site 2	75	248	1	10/01/02	827.25	72.99	Pb	<	1	1	0.5	ug/dL
BV-263-(1)-B	BV-01-0193	blood	7	Site 2	75	263	1	10/01/02	827.25	75.66	Pb	<	1	1	0.5	ug/dL
BV-274-(1)-B	BV-01-0217	blood	7	Site 2	75	274	1	10/01/02	827.25	90.08	Pb	<	1	1	0.5	ug/dL
BV-226-(1)-B	BV-01-0224	blood	8	Site 2	225	226	1	10/01/02	2439	229.73	Pb		3.1	1	3.1	ug/dL
BV-261-(1)-B	BV-01-0213	blood	8	Site 2	225	261	1	10/01/02	2439	222.06	Pb		3.6	1	3.6	ug/dL
BV-265-(1)-B	BV-01-0216	blood	8	Site 2	225	265	1	10/01/02	2439	211.17	Pb	<	1	1	0.5	ug/dL
BV-434-(1)-B	BV-01-0181	blood	8	Site 2	225	434	1	10/01/02	2439	231.92	Pb		1	1	1	ug/dL
BV-439-(1)-B	BV-01-0189	blood	8	Site 2	225	439	1	10/01/02	2439	277.16	Pb	<	1	1	0.5	ug/dL
BV-228-(1)-B	BV-01-0196	blood	9	Site 2	400	228	1	10/01/02	4544	413.09	Pb		4.3	1	4.3	ug/dL
BV-233-(1)-B	BV-01-0190	blood	9	Site 2	400	233	1	10/01/02	4544	407.53	Pb		2	1	2	ug/dL
BV-238-(1)-B	BV-01-0214	blood	9	Site 2	400	238	1	10/01/02	4544	451.39	Pb		2.6	1	2.6	ug/dL
BV-247-(1)-B	BV-01-0194	blood	9	Site 2	400	247	1	10/01/02	4544	370.94	Pb		4	1	4	ug/dL
BV-438-(1)-B	BV-01-0197	blood	9	Site 2	400	438	1	10/01/02	4544	418.16	Pb		4.8	1	4.8	ug/dL
BV-251-(1)-B	BV-01-0178	blood	10	Control	0	251	1	10/01/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(1)-B	BV-01-0198	blood	10	Control	0	258	1	10/01/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(1)-B	BV-01-0220	blood	10	Control	0	272	1	10/01/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(2)-B	BV-01-0277	blood	1	PbAC	25	242	2	10/02/02	273.5	26.3	Pb	<	1	1	0.5	ug/dL
BV-245-(2)-B	BV-01-0276	blood	1	PbAC	25	245	2	10/02/02	273.5	25.68	Pb	<	1	1	0.5	ug/dL
BV-262-(2)-B	BV-01-0233	blood	1	PbAC	25	262	2	10/02/02	273.5	26.55	Pb	<	1	1	0.5	ug/dL
BV-271-(2)-B	BV-01-0261	blood	1	PbAC	25	271	2	10/02/02	273.5	22.89	Pb	<	1	1	0.5	ug/dL
BV-441-(2)-B	BV-01-0236	blood	1	PbAC	25	441	2	10/02/02	273.5	27.08	Pb	<	1	1	0.5	ug/dL
BV-229-(2)-B	BV-01-0265	blood	2	PbAC	75	229	2	10/02/02	794.25	68.77	Pb		1.1	1	1.1	ug/dL
BV-243-(2)-B	BV-01-0257	blood	2	PbAC	75	243	2	10/02/02	794.25	81.46	Pb		1	1	1	ug/dL
BV-249-(2)-B	BV-01-0228	blood	2	PbAC	75	249	2	10/02/02	794.25	78.25	Pb	<	1	1	0.5	ug/dL
BV-257-(2)-B	BV-01-0272	blood	2	PbAC	75	257	2	10/02/02	794.25	68.18	Pb		1.8	1	1.8	ug/dL
BV-444-(2)-B	BV-01-0268	blood	2	PbAC	75	444	2	10/02/02	794.25	84.05	Pb	<	1	1	0.5	ug/dL
BV-252-(2)-B	BV-01-0262	blood	3	PbAC	225	252	2	10/02/02	2596.5	205.26	Pb		3.8	1	3.8	ug/dL
BV-260-(2)-B	BV-01-0264	blood	3	PbAC	225	260	2	10/02/02	1947.38	168.6	Pb		1.8	1	1.8	ug/dL
BV-270-(2)-B	BV-01-0226	blood	3	PbAC	225	270	2	10/02/02	2596.5	208.55	Pb		8.9	1	8.9	ug/dL
BV-275-(2)-B	BV-01-0237	blood	3	PbAC	225	275	2	10/02/02	2596.5	262.27	Pb		11	1	11	ug/dL
BV-435-(2)-B	BV-01-0256	blood	3	PbAC	225	435	2	10/02/02	2596.5	253.32	Pb		5.3	1	5.3	ug/dL
BV-227-(2)-B	BV-01-0255	blood	4	Site 1	75	227	2	10/02/02	797.25	81.77	Pb		1.5	1	1.5	ug/dL
BV-244-(2)-B	BV-01-0243	blood	4	Site 1	75	244	2	10/02/02	797.25	78.94	Pb	<	1	1	0.5	ug/dL
BV-254-(2)-B	BV-01-0271	blood	4	Site 1	75	254	2	10/02/02	797.25	69.03	Pb		1.4	1	1.4	ug/dL
BV-259-(2)-B	BV-01-0248	blood	4	Site 1	75	259	2	10/02/02	797.25	77.03	Pb	<	1	1	0.5	ug/dL
BV-266-(2)-B	BV-01-0230	blood	4	Site 1	75	266	2	10/02/02	797.25	75.21	Pb		1	1	1	ug/dL
BV-230-(2)-B	BV-01-0231	blood	5	Site 1	225	230	2	10/02/02	2495.25	224.8	Pb		3.4	1	3.4	ug/dL
BV-256-(2)-B	BV-01-0246	blood	5	Site 1	225	256	2	10/02/02	2495.25	211.46	Pb		6	1	6	ug/dL
BV-437-(2)-B	BV-01-0234	blood	5	Site 1	225	437	2	10/02/02	2495.25	216.98	Pb		2	1	2	ug/dL
BV-255-(3)-B	BV-01-0302	blood	6	Site 1	400	255	3	10/03/02	4652	438.87	Pb		2.7	1	2.7	ug/dL
BV-264-(3)-B	BV-01-0317	blood	6	Site 1	400	264	3	10/03/02	4652	402.77	Pb		6.3	1	6.3	ug/dL
BV-268-(3)-B	BV-01-0325	blood	6	Site 1	400	268	3	10/03/02	4652	383.93	Pb	<	1	1	0.5	ug/dL
BV-269-(3)-B	BV-01-0297	blood	6	Site 1	400	269	3	10/03/02	4652	473.08	Pb	<	1	1	0.5	ug/dL
BV-231-(3)-B	BV-01-0322	blood	7	Site 2	75	231	3	10/03/02	910.5	85.36	Pb		5	1	5	ug/dL
BV-246-(3)-B	BV-01-0312	blood	7	Site 2	75	246	3	10/03/02	910.5	69.33	Pb		1	1	1	ug/dL
BV-248-(3)-B	BV-01-0314	blood	7	Site 2	75	248	3	10/03/02	910.5	75.04	Pb	<	1	1	0.5	ug/dL
BV-263-(3)-B	BV-01-0309	blood	7	Site 2	75	263	3	10/03/02	910.5	78.38	Pb	<	1	1	0.5	ug/dL
BV-274-(3)-B	BV-01-0295	blood	7	Site 2	75	274	3	10/03/02	910.5	93.54	Pb	<	1	1	0.5	ug/dL
BV-226-(3)-B	BV-01-0300	blood	8	Site 2	225	226	3	10/03/02	2659.5	233.29	Pb		1.1	1	1.1	ug/dL
BV-261-(3)-B	BV-01-0331	blood	8	Site 2	225	261	3	10/03/02	2659.5	225.7	Pb		2.1	1	2.1	ug/dL
BV-265-(3)-B	BV-01-0321	blood	8	Site 2	225	265	3	10/03/02	2659.5	221.32	Pb		1.7	1	1.7	ug/dL
BV-434-(3)-B	BV-01-0306	blood	8	Site 2	225	434	3	10/03/02	2659.5	235.7	Pb		1.1	1	1.1	ug/dL
BV-439-(3)-B	BV-01-0315	blood	8	Site 2	225	439	3	10/03/02	2659.5	287.51	Pb		1.1	1	1.1	ug/dL

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-228-(3)-B	BV-01-0318	blood	9	Site 2	400	228	3	10/03/02	4968	419.83	Pb		4	1	4	ug/dL
BV-233-(3)-B	BV-01-0288	blood	9	Site 2	400	233	3	10/03/02	4968	424.01	Pb		3.3	1	3.3	ug/dL
BV-238-(3)-B	BV-01-0330	blood	9	Site 2	400	238	3	10/03/02	4968	462.14	Pb		2.4	1	2.4	ug/dL
BV-247-(3)-B	BV-01-0311	blood	9	Site 2	400	247	3	10/03/02	4968	380.2	Pb		6.5	1	6.5	ug/dL
BV-438-(3)-B	BV-01-0323	blood	9	Site 2	400	438	3	10/03/02	4968	430.13	Pb	<	1	1	0.5	ug/dL
BV-251-(3)-B	BV-01-0282	blood	10	Control	0	251	3	10/03/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(3)-B	BV-01-0329	blood	10	Control	0	258	3	10/03/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(3)-B	BV-01-0319	blood	10	Control	0	272	3	10/03/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(5)-B	BV-01-0353	blood	1	PbAC	25	242	5	10/05/02	292	25.28	Pb	<	1	1	0.5	ug/dL
BV-245-(5)-B	BV-01-0338	blood	1	PbAC	25	245	5	10/05/02	292	24.75	Pb	<	1	1	0.5	ug/dL
BV-262-(5)-B	BV-01-0344	blood	1	PbAC	25	262	5	10/05/02	292	25.61	Pb	<	1	1	0.5	ug/dL
BV-271-(5)-B	BV-01-0369	blood	1	PbAC	25	271	5	10/05/02	292	22.12	Pb	<	1	1	0.5	ug/dL
BV-441-(5)-B	BV-01-0362	blood	1	PbAC	25	441	5	10/05/02	292	25.61	Pb	<	1	1	0.5	ug/dL
BV-229-(5)-B	BV-01-0370	blood	2	PbAC	75	229	5	10/05/02	863.25	71.05	Pb		2.2	1	2.2	ug/dL
BV-243-(5)-B	BV-01-0384	blood	2	PbAC	75	243	5	10/05/02	863.25	79.93	Pb		1.2	1	1.2	ug/dL
BV-249-(5)-B	BV-01-0347	blood	2	PbAC	75	249	5	10/05/02	863.25	78.48	Pb		1.3	1	1.3	ug/dL
BV-257-(5)-B	BV-01-0379	blood	2	PbAC	75	257	5	10/05/02	863.25	66.92	Pb		2.9	1	2.9	ug/dL
BV-444-(5)-B	BV-01-0367	blood	2	PbAC	75	444	5	10/05/02	863.25	82.61	Pb		2.3	1	2.3	ug/dL
BV-252-(5)-B	BV-01-0376	blood	3	PbAC	225	252	5	10/05/02	2781	211.48	Pb		5.9	1	5.9	ug/dL
BV-260-(5)-B	BV-01-0351	blood	3	PbAC	225	260	5	10/05/02	2781	235.68	Pb		5.7	1	5.7	ug/dL
BV-270-(5)-B	BV-01-0346	blood	3	PbAC	225	270	5	10/05/02	2781	210.68	Pb		7.3	1	7.3	ug/dL
BV-275-(5)-B	BV-01-0375	blood	3	PbAC	225	275	5	10/05/02	2781	258.7	Pb		6.4	1	6.4	ug/dL
BV-435-(5)-B	BV-01-0356	blood	3	PbAC	225	435	5	10/05/02	2781	257.5	Pb		4.1	1	4.1	ug/dL
BV-227-(5)-B	BV-01-0339	blood	4	Site 1	75	227	5	10/05/02	860.25	81.16	Pb		3.9	1	3.9	ug/dL
BV-244-(5)-B	BV-01-0345	blood	4	Site 1	75	244	5	10/05/02	860.25	77.5	Pb		2	1	2	ug/dL
BV-254-(5)-B	BV-01-0363	blood	4	Site 1	75	254	5	10/05/02	860.25	65.67	Pb		2.1	1	2.1	ug/dL
BV-259-(5)-B	BV-01-0383	blood	4	Site 1	75	259	5	10/05/02	860.25	75.13	Pb		2.2	1	2.2	ug/dL
BV-266-(5)-B	BV-01-0381	blood	4	Site 1	75	266	5	10/05/02	860.25	77.85	Pb		1.2	1	1.2	ug/dL
BV-230-(5)-B	BV-01-0335	blood	5	Site 1	225	230	5	10/05/02	2718	226.5	Pb		5.3	1	5.3	ug/dL
BV-256-(5)-B	BV-01-0343	blood	5	Site 1	225	256	5	10/05/02	2718	205.91	Pb		6.5	1	6.5	ug/dL
BV-437-(5)-B	BV-01-0341	blood	5	Site 1	225	437	5	10/05/02	2718	218.31	Pb		3.8	1	3.8	ug/dL
BV-440-(5)-B	BV-01-0368	blood	5	Site 1	225	440	5	10/05/02	2718	242.68	Pb		7	1	7	ug/dL
BV-443-(5)-B	BV-01-0332	blood	5	Site 1	225	443	5	10/05/02	2718	229.37	Pb		7.8	1	7.8	ug/dL
BV-232-(5)-B	BV-01-0371	blood	6	Site 1	400	232	5	10/05/02	4652	409.87	Pb		13	1	13	ug/dL
BV-255-(5)-B	BV-01-0366	blood	6	Site 1	400	255	5	10/05/02	4652	411.68	Pb		8.2	1	8.2	ug/dL
BV-264-(5)-B	BV-01-0373	blood	6	Site 1	400	264	5	10/05/02	4652	386.06	Pb		13	1	13	ug/dL
BV-268-(5)-B	BV-01-0354	blood	6	Site 1	400	268	5	10/05/02	4652	364.86	Pb		8.6	1	8.6	ug/dL
BV-269-(5)-B	BV-01-0361	blood	6	Site 1	400	269	5	10/05/02	4652	438.87	Pb		1.9	1	1.9	ug/dL
BV-231-(5)-B	BV-01-0378	blood	7	Site 2	75	231	5	10/05/02	864.98	78.63	Pb	<	1	1	0.5	ug/dL
BV-246-(5)-B	BV-01-0334	blood	7	Site 2	75	246	5	10/05/02	910.5	64.57	Pb		3.2	1	3.2	ug/dL
BV-248-(5)-B	BV-01-0348	blood	7	Site 2	75	248	5	10/05/02	910.5	70.58	Pb		1.3	1	1.3	ug/dL
BV-263-(5)-B	BV-01-0342	blood	7	Site 2	75	263	5	10/05/02	910.5	74.33	Pb		3.3	1	3.3	ug/dL
BV-274-(5)-B	BV-01-0333	blood	7	Site 2	75	274	5	10/05/02	910.5	89.26	Pb		3.1	1	3.1	ug/dL
BV-226-(5)-B	BV-01-0336	blood	8	Site 2	225	226	5	10/05/02	2659.5	219.79	Pb		6.4	1	6.4	ug/dL
BV-261-(5)-B	BV-01-0380	blood	8	Site 2	225	261	5	10/05/02	2659.5	210.24	Pb		7	1	7	ug/dL
BV-265-(5)-B	BV-01-0374	blood	8	Site 2	225	265	5	10/05/02	2659.5	213.61	Pb		4.8	1	4.8	ug/dL
BV-434-(5)-B	BV-01-0365	blood	8	Site 2	225	434	5	10/05/02	2127.6	178.04	Pb		3.9	1	3.9	ug/dL
BV-439-(5)-B	BV-01-0372	blood	8	Site 2	225	439	5	10/05/02	2659.5	270	Pb		4.7	1	4.7	ug/dL
BV-228-(5)-B	BV-01-0377	blood	9	Site 2	400	228	5	10/05/02	4968	397.44	Pb		7	1	7	ug/dL
BV-233-(5)-B	BV-01-0360	blood	9	Site 2	400	233	5	10/05/02	4968	408.89	Pb		6.5	1	6.5	ug/dL
BV-238-(5)-B	BV-01-0357	blood	9	Site 2	400	238	5	10/05/02	4968	426.44	Pb		6.2	1	6.2	ug/dL
BV-247-(5)-B	BV-01-0340	blood	9	Site 2	400	247	5	10/05/02	4968	357.41	Pb		12	1	12	ug/dL
BV-438-(5)-B	BV-01-0349	blood	9	Site 2	400	438	5	10/05/02	4968	402.27	Pb		6.4	1	6.4	ug/dL
BV-251-(5)-B	BV-01-0359	blood	10	Control	0	251	5	10/05/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(5)-B	BV-01-0350	blood	10	Control	0	258	5	10/05/02	0	0	Pb		6	1	6	ug/dL
BV-272-(5)-B	BV-01-0352	blood	10	Control	0	272	5	10/05/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(7)-B	BV-01-0437	blood	1	PbAC	25	242	7	10/07/02	321.75	26.19	Pb	<	1	1	0.5	ug/dL
BV-245-(7)-B	BV-01-0399	blood	1	PbAC	25	245	7	10/07/02	321.75	25.74	Pb	<	1	1	0.5	ug/dL
BV-262-(7)-B	BV-01-0390	blood	1	PbAC	25	262	7	10/07/02	321.75	26.89	Pb	<	1	1	0.5	ug/dL
BV-271-(7)-B	BV-01-0400	blood	1	PbAC	25	271	7	10/07/02	321.75	23.54	Pb	<	1	1	0.5	ug/dL
BV-441-(7)-B	BV-01-0428	blood	1	PbAC	25	441	7	10/07/02	321.75	27.11	Pb	<	1	1	0.5	ug/dL
BV-229-(7)-B	BV-01-0405	blood	2	PbAC	75	229	7	10/07/02	934.5	72.54	Pb	<	1	1	0.5	ug/dL
BV-243-(7)-B	BV-01-0424	blood	2	PbAC	75	243	7	10/07/02	934.5	80.1	Pb		1	1	1	ug/dL
BV-249-(7)-B	BV-01-0397	blood	2	PbAC	75	249	7	10/07/02	934.5	78.75	Pb	<	1	1	0.5	ug/dL
BV-257-(7)-B	BV-01-0430	blood	2	PbAC	75	257	7	10/07/02	934.5	70.26	Pb		2.6	1	2.6	ug/dL
BV-444-(7)-B	BV-01-0401	blood	2	PbAC	75	444	7	10/07/02	934.5	85.34	Pb		1.7	1	1.7	ug/dL
BV-252-(7)-B	BV-01-0403	blood	3	PbAC	225	252	7	10/07/02	2911.5	205.28	Pb		5.4	1	5.4	ug/dL
BV-260-(7)-B	BV-01-0412	blood	3	PbAC	225	260	7	10/07/02	2911.5	234.17	Pb		4.2	1	4.2	ug/dL
BV-270-(7)-B	BV-01-0413	blood	3	PbAC	225	270	7	10/07/02	2911.5	212	Pb		4.5	1	4.5	ug/dL
BV-275-(7)-B	BV-01-0415	blood	3	PbAC	225	275	7	10/07/02	2911.5	255.77	Pb		2.4	1	2.4	ug/dL
BV-435-(7)-B	BV-01-0389	blood	3	PbAC	225	435	7	10/07/02	2911.5	253.91	Pb		3.4	1	3.4	ug/dL
BV-227-(7)-B	BV-01-0394	blood	4	Site 1	75	227	7	10/07/02	934.5	83.94	Pb		2.9	1	2.9	ug/dL
BV-244-(7)-B	BV-01-0404	blood	4	Site 1	75	244	7	10/07/02	934.5	79.87	Pb		1.8	1	1.8	ug/dL
BV-254-(7)-B	BV-01-0392	blood	4	Site 1	75	254	7	10/07/02	934.5	67.23	Pb		1.9	1	1.9	ug/dL
BV-259-(7)-B	BV-01-0416	blood	4	Site 1	75	259	7	10/07/02	934.5	77.98	Pb		2.8	1	2.8	ug/dL
BV-266-(7)-B	BV-01-0423	blood	4	Site 1	75	266	7	10/07/02	934.5	80.68	Pb		1.1	1	1.1	ug/dL
BV-230-(7)-B	BV-01-0411	blood	5	Site 1	225	230	7	10/07/02	2956.5	232.19	Pb		4.4	1	4.4	ug/dL
BV-256-(7)-B	BV-01-0402	blood	5	Site 1	225	256	7	10/07/02	2956.5	208.69	Pb		6.2	1	6.2	ug/dL
BV-437-(7)-B	BV-01-0436	blood	5	Site 1	225	437	7	10/07/02	2956.5	227.72	Pb		4.4	1	4.4	ug/dL
BV-440-(7)-B	BV-01-0420	blood	5	Site 1	225	440	7	10/07/02	2956.5	245.69	Pb		6.2	1	6.2	ug/dL
BV-443-(7)-B	BV-01-0418	blood	5	Site 1	225	443	7	10/07/02	2956.5	235.58	Pb		6	1	6	ug/dL
BV-232-(7)-B	BV-01-0432	blood	6	Site 1	400	232	7	10/07/02	5044	425.65	Pb		10	1	10	ug/dL
BV-255-(7)-B	BV-01-0434	blood	6	Site 1	400	255	7	10/07/02	5044	414.58	Pb		7	1	7	ug/dL
BV-264-(7)-B	BV-01-0431	blood	6	Site 1	400	264	7	10/07/02	5044	396.64	Pb		12	1	12	ug/dL
BV-268-(7)-B	BV-01-0419	blood	6	Site 1	400	268	7	10/07/02	5044	370.43	Pb		7.7	1	7.7	ug/dL
BV-269-(7)-B	BV-01-0385	blood	6	Site 1	400	269	7	10/07/02	5044	451.7	Pb		4.8	1	4.8	ug/dL
BV-231-(7)-B	BV-01-0427	blood	7	Site 2	75	231	7	10/07/02	981.75	83.67	Pb	<	1	1	0.5	ug/dL
BV-246-(7)-B	BV-01-0409	blood	7	Site 2	75	246	7	10/07/02	981.75	67.09	Pb		2.3	1	2.3	ug/dL
BV-248-(7)-B	BV-01-0391	blood	7	Site 2	75	248	7	10/07/02	981.75	72.54	Pb	<	1	1	0.5	ug/dL
BV-263-(7)-B	BV-01-0417	blood	7	Site 2	75	263	7	10/07/02	981.75	76.4	Pb		2.7	1	2.7	ug/dL
BV-274-(7)-B	BV-01-0388	blood	7	Site 2	75	274	7	10/07/02	981.75	90.35	Pb	<	1	1	0.5	ug/dL
BV-226-(7)-B	BV-01-0421	blood	8	Site 2	225	226	7	10/07/02	2880	223.26	Pb		4.9	1	4.9	ug/dL
BV-261-(7)-B	BV-01-0398	blood	8	Site 2	225	261	7	10/07/02	2880	221.25	Pb		6.3	1	6.3	ug/dL

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-265-(7)-B	BV-01-0425	blood	8	Site 2	225	265	7	10/07/02	2880	212.55	Pb		3.5	1	3.5	ug/dL
BV-434-(7)-B	BV-01-0433	blood	8	Site 2	225	434	7	10/07/02	2880	230.71	Pb		2.7	1	2.7	ug/dL
BV-439-(7)-B	BV-01-0435	blood	8	Site 2	225	439	7	10/07/02	2880	276.48	Pb		1.1	1	1.1	ug/dL
BV-228-(7)-B	BV-01-0407	blood	9	Site 2	400	228	7	10/07/02	5404	402.28	Pb		6.3	1	6.3	ug/dL
BV-233-(7)-B	BV-01-0414	blood	9	Site 2	400	233	7	10/07/02	4053	310.57	Pb		8.4	1	8.4	ug/dL
BV-238-(7)-B	BV-01-0408	blood	9	Site 2	400	238	7	10/07/02	5404	421.64	Pb		11	1	11	ug/dL
BV-247-(7)-B	BV-01-0426	blood	9	Site 2	400	247	7	10/07/02	5404	368.45	Pb		10	1	10	ug/dL
BV-438-(7)-B	BV-01-0396	blood	9	Site 2	400	438	7	10/07/02	5404	409.91	Pb		7.3	1	7.3	ug/dL
BV-251-(7)-B	BV-01-0393	blood	10	Control	0	251	7	10/07/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(7)-B	BV-01-0387	blood	10	Control	0	258	7	10/07/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(7)-B	BV-01-0406	blood	10	Control	0	272	7	10/07/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(9)-B	BV-01-0486	blood	1	PbAC	25	242	9	10/09/02	343.75	26.89	Pb		1.1	1	1.1	ug/dL
BV-245-(9)-B	BV-01-0446	blood	1	PbAC	25	245	9	10/09/02	343.75	25.91	Pb	<	1	1	0.5	ug/dL
BV-262-(9)-B	BV-01-0473	blood	1	PbAC	25	262	9	10/09/02	343.75	27.21	Pb	<	1	1	0.5	ug/dL
BV-271-(9)-B	BV-01-0466	blood	1	PbAC	25	271	9	10/09/02	343.75	23.93	Pb	<	1	1	0.5	ug/dL
BV-441-(9)-B	BV-01-0471	blood	1	PbAC	25	441	9	10/09/02	343.75	27.43	Pb	<	1	1	0.5	ug/dL
BV-229-(9)-B	BV-01-0441	blood	2	PbAC	75	229	9	10/09/02	1010.25	74.19	Pb		3.7	1	3.7	ug/dL
BV-243-(9)-B	BV-01-0474	blood	2	PbAC	75	243	9	10/09/02	1010.25	81.36	Pb		2.6	1	2.6	ug/dL
BV-249-(9)-B	BV-01-0472	blood	2	PbAC	75	249	9	10/09/02	1010.25	79.65	Pb		2.9	1	2.9	ug/dL
BV-257-(9)-B	BV-01-0483	blood	2	PbAC	75	257	9	10/09/02	1010.25	72.25	Pb		2.6	1	2.6	ug/dL
BV-444-(9)-B	BV-01-0454	blood	2	PbAC	75	444	9	10/09/02	1010.25	88.23	Pb		3.2	1	3.2	ug/dL
BV-252-(9)-B	BV-01-0442	blood	3	PbAC	225	252	9	10/09/02	3147.75	208.46	Pb		5.8	1	5.8	ug/dL
BV-260-(9)-B	BV-01-0443	blood	3	PbAC	225	260	9	10/09/02	3147.75	242.45	Pb		5.3	1	5.3	ug/dL
BV-270-(9)-B	BV-01-0470	blood	3	PbAC	225	270	9	10/09/02	3147.75	219.61	Pb		6.3	1	6.3	ug/dL
BV-275-(9)-B	BV-01-0482	blood	3	PbAC	225	275	9	10/09/02	3147.75	262.68	Pb		6.3	1	6.3	ug/dL
BV-435-(9)-B	BV-01-0459	blood	3	PbAC	225	435	9	10/09/02	3147.75	260.5	Pb		5.7	1	5.7	ug/dL
BV-227-(9)-B	BV-01-0440	blood	4	Site 1	75	227	9	10/09/02	1002	84.08	Pb		4.7	1	4.7	ug/dL
BV-244-(9)-B	BV-01-0484	blood	4	Site 1	75	244	9	10/09/02	1002	81.13	Pb		4.5	1	4.5	ug/dL
BV-254-(9)-B	BV-01-0445	blood	4	Site 1	75	254	9	10/09/02	1002	67.78	Pb		5.9	1	5.9	ug/dL
BV-259-(9)-B	BV-01-0452	blood	4	Site 1	75	259	9	10/09/02	1002	80.05	Pb		3	1	3	ug/dL
BV-266-(9)-B	BV-01-0450	blood	4	Site 1	75	266	9	10/09/02	1002	80.92	Pb		3.1	1	3.1	ug/dL
BV-230-(9)-B	BV-01-0447	blood	5	Site 1	225	230	9	10/09/02	3210.75	237.83	Pb		5.3	1	5.3	ug/dL
BV-256-(9)-B	BV-01-0461	blood	5	Site 1	225	256	9	10/09/02	3210.75	213.1	Pb		8.7	1	8.7	ug/dL
BV-437-(9)-B	BV-01-0456	blood	5	Site 1	225	437	9	10/09/02	3210.75	234.36	Pb		5.8	1	5.8	ug/dL
BV-440-(9)-B	BV-01-0458	blood	5	Site 1	225	440	9	10/09/02	3210.75	252.15	Pb		9.6	1	9.6	ug/dL
BV-443-(9)-B	BV-01-0448	blood	5	Site 1	225	443	9	10/09/02	3210.75	239.61	Pb		8.5	1	8.5	ug/dL
BV-232-(9)-B	BV-01-0489	blood	6	Site 1	400	232	9	10/09/02	5187	414.41	Pb		13	1	13	ug/dL
BV-255-(9)-B	BV-01-0462	blood	6	Site 1	400	255	9	10/09/02	5460	418.39	Pb		9.5	1	9.5	ug/dL
BV-264-(9)-B	BV-01-0468	blood	6	Site 1	400	264	9	10/09/02	5460	407.46	Pb		15	1	15	ug/dL
BV-268-(9)-B	BV-01-0475	blood	6	Site 1	400	268	9	10/09/02	5460	380.05	Pb		7.9	1	7.9	ug/dL
BV-269-(9)-B	BV-01-0476	blood	6	Site 1	400	269	9	10/09/02	5460	457.54	Pb		6.4	1	6.4	ug/dL
BV-231-(9)-B	BV-01-0455	blood	7	Site 2	75	231	9	10/09/02	1053	84.92	Pb	<	1	1	0.5	ug/dL
BV-246-(9)-B	BV-01-0487	blood	7	Site 2	75	246	9	10/09/02	1053	69.43	Pb		3.6	1	3.6	ug/dL
BV-248-(9)-B	BV-01-0490	blood	7	Site 2	75	248	9	10/09/02	1053	73.47	Pb		1.5	1	1.5	ug/dL
BV-263-(9)-B	BV-01-0479	blood	7	Site 2	75	263	9	10/09/02	1053	78.1	Pb		2.8	1	2.8	ug/dL
BV-274-(9)-B	BV-01-0439	blood	7	Site 2	75	274	9	10/09/02	1053	91.43	Pb		1.4	1	1.4	ug/dL
BV-226-(9)-B	BV-01-0451	blood	8	Site 2	225	226	9	10/09/02	3107.25	226.81	Pb		7.1	1	7.1	ug/dL
BV-261-(9)-B	BV-01-0460	blood	8	Site 2	225	261	9	10/09/02	3107.25	229.04	Pb		6.9	1	6.9	ug/dL
BV-265-(9)-B	BV-01-0467	blood	8	Site 2	225	265	9	10/09/02	3107.25	217.29	Pb		4.9	1	4.9	ug/dL
BV-434-(9)-B	BV-01-0457	blood	8	Site 2	225	434	9	10/09/02	3107.25	235.99	Pb		3.8	1	3.8	ug/dL
BV-439-(9)-B	BV-01-0480	blood	8	Site 2	225	439	9	10/09/02	3107.25	277.85	Pb		5.1	1	5.1	ug/dL
BV-228-(9)-B	BV-01-0463	blood	9	Site 2	400	228	9	10/09/02	5956	417.48	Pb		7.8	1	7.8	ug/dL
BV-233-(9)-B	BV-01-0464	blood	9	Site 2	400	233	9	10/09/02	5956	429	Pb		6.5	1	6.5	ug/dL
BV-238-(9)-B	BV-01-0449	blood	9	Site 2	400	238	9	10/09/02	5956	432.12	Pb		4.9	1	4.9	ug/dL
BV-247-(9)-B	BV-01-0478	blood	9	Site 2	400	247	9	10/09/02	5956	383.85	Pb		6.9	1	6.9	ug/dL
BV-438-(9)-B	BV-01-0477	blood	9	Site 2	400	438	9	10/09/02	5956	423.91	Pb		6.2	1	6.2	ug/dL
BV-251-(9)-B	BV-01-0488	blood	10	Control	0	251	9	10/09/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(9)-B	BV-01-0453	blood	10	Control	0	258	9	10/09/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(9)-B	BV-01-0444	blood	10	Control	0	272	9	10/09/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(12)-B	BV-01-0496	blood	1	PbAC	25	242	12	10/12/02	371.25	27.67	Pb		2.2	1	2.2	ug/dL
BV-245-(12)-B	BV-01-0523	blood	1	PbAC	25	245	12	10/12/02	371.25	25.63	Pb	<	1	1	0.5	ug/dL
BV-262-(12)-B	BV-01-0535	blood	1	PbAC	25	262	12	10/12/02	371.25	26.87	Pb	<	1	1	0.5	ug/dL
BV-271-(12)-B	BV-01-0493	blood	1	PbAC	25	271	12	10/12/02	371.25	23.6	Pb		1.2	1	1.2	ug/dL
BV-441-(12)-B	BV-01-0492	blood	1	PbAC	25	441	12	10/12/02	371.25	26.77	Pb	<	1	1	0.5	ug/dL
BV-229-(12)-B	BV-01-0499	blood	2	PbAC	75	229	12	10/12/02	1091.25	73.57	Pb		4.3	1	4.3	ug/dL
BV-243-(12)-B	BV-01-0518	blood	2	PbAC	75	243	12	10/12/02	1091.25	81.34	Pb		1.8	1	1.8	ug/dL
BV-249-(12)-B	BV-01-0507	blood	2	PbAC	75	249	12	10/12/02	1091.25	78.98	Pb		5.3	1	5.3	ug/dL
BV-257-(12)-B	BV-01-0526	blood	2	PbAC	75	257	12	10/12/02	1091.25	71.4	Pb		2.2	1	2.2	ug/dL
BV-444-(12)-B	BV-01-0513	blood	2	PbAC	75	444	12	10/12/02	1091.25	88.72	Pb		6.7	1	6.7	ug/dL
BV-252-(12)-B	BV-01-0527	blood	3	PbAC	225	252	12	10/12/02	3354.75	206.66	Pb		7.4	1	7.4	ug/dL
BV-260-(12)-B	BV-01-0512	blood	3	PbAC	225	260	12	10/12/02	3354.75	243.69	Pb		4.9	1	4.9	ug/dL
BV-270-(12)-B	BV-01-0521	blood	3	PbAC	225	270	12	10/12/02	3354.75	217.84	Pb		9.7	1	9.7	ug/dL
BV-275-(12)-B	BV-01-0530	blood	3	PbAC	225	275	12	10/12/02	3354.75	259.05	Pb		7	1	7	ug/dL
BV-435-(12)-B	BV-01-0514	blood	3	PbAC	225	435	12	10/12/02	3354.75	259.72	Pb		7.3	1	7.3	ug/dL
BV-227-(12)-B	BV-01-0504	blood	4	Site 1	75	227	12	10/12/02	1098.75	82.51	Pb		5	1	5	ug/dL
BV-244-(12)-B	BV-01-0501	blood	4	Site 1	75	244	12	10/12/02	1098.75	80.89	Pb		3.2	1	3.2	ug/dL
BV-254-(12)-B	BV-01-0531	blood	4	Site 1	75	254	12	10/12/02	1098.75	67.68	Pb		3.4	1	3.4	ug/dL
BV-259-(12)-B	BV-01-0517	blood	4	Site 1	75	259	12	10/12/02	1098.75	82.61	Pb		3.4	1	3.4	ug/dL
BV-266-(12)-B	BV-01-0511	blood	4	Site 1	75	266	12	10/12/02	1098.75	79.52	Pb		2.6	1	2.6	ug/dL
BV-230-(12)-B	BV-01-0540	blood	5	Site 1	225	230	12	10/12/02	3487.5	236.44	Pb		7.4	1	7.4	ug/dL
BV-256-(12)-B	BV-01-0516	blood	5	Site 1	225	256	12	10/12/02	3487.5	214.62	Pb		10	1	10	ug/dL
BV-437-(12)-B	BV-01-0508	blood	5	Site 1	225	437	12	10/12/02	3487.5	233.54	Pb		7.4	1	7.4	ug/dL
BV-440-(12)-B	BV-01-0542	blood	5	Site 1	225	440	12	10/12/02	3487.5	253.94	Pb		8.9	1	8.9	ug/dL
BV-443-(12)-B	BV-01-0522	blood	5	Site 1	225	443	12	10/12/02	3487.5	235.38	Pb		8.4	1	8.4	ug/dL
BV-232-(12)-B	BV-01-0491	blood	6	Site 1	400	232	12	10/12/02	5944	425.58	Pb		12	1	12	ug/dL
BV-255-(12)-B	BV-01-0515	blood	6	Site 1	400	255	12	10/12/02	5944	415.18	Pb		8.8	1	8.8	ug/dL
BV-264-(12)-B	BV-01-0494	blood	6	Site 1	400	264	12	10/12/02	5944	411.82	Pb		17	1	17	ug/dL
BV-268-(12)-B	BV-01-0538	blood	6	Site 1	400	268	12	10/12/02	5944	387.65	Pb		8.3	1	8.3	ug/dL
BV-269-(12)-B	BV-01-0495	blood	6	Site 1	400	269	12	10/12/02	5944	449.17	Pb		7.8	1	7.8	ug/dL
BV-231-(12)-B	BV-01-0502	blood	7	Site 2	75	231	12	10/12/02	1129.5	85.35	Pb		13	1	13	ug/dL
BV-246-(12)-B	BV-01-0541	blood	7	Site 2	75	246	12	10/12/02	1129.5	70.01	Pb		5.1	1	5.1	ug/dL
BV-248-(12)-B	BV-01-0539	blood	7	Site 2	75	248	12	10/12/02	1129.5	72.1	Pb		3.3	1	3.3	ug/dL
BV-263-(12)-B	BV-01-0532	blood	7	Site 2	75	263	12	10/12/02	1129.5	77.45	Pb		2.4	1	2.4	ug/dL

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-274-(12)-B	BV-01-0534	blood	7	Site 2	75	274	12	10/12/02	1129.5	90.12	Pb		3.2	1	3.2	ug/dL
BV-226-(12)-B	BV-01-0500	blood	8	Site 2	225	226	12	10/12/02	3359.25	225.71	Pb		7.2	1	7.2	ug/dL
BV-261-(12)-B	BV-01-0510	blood	8	Site 2	225	261	12	10/12/02	3359.25	227.23	Pb		10	1	10	ug/dL
BV-265-(12)-B	BV-01-0536	blood	8	Site 2	225	265	12	10/12/02	3359.25	221.73	Pb		4.8	1	4.8	ug/dL
BV-434-(12)-B	BV-01-0503	blood	8	Site 2	225	434	12	10/12/02	3359.25	232.74	Pb		5.4	1	5.4	ug/dL
BV-439-(12)-B	BV-01-0533	blood	8	Site 2	225	439	12	10/12/02	3359.25	269.1	Pb		5.9	1	5.9	ug/dL
BV-228-(12)-B	BV-01-0525	blood	9	Site 2	400	228	12	10/12/02	6448	422.36	Pb		7.9	1	7.9	ug/dL
BV-233-(12)-B	BV-01-0520	blood	9	Site 2	400	233	12	10/12/02	6448	425.61	Pb		5.5	1	5.5	ug/dL
BV-238-(12)-B	BV-01-0506	blood	9	Site 2	400	238	12	10/12/02	6448	430.82	Pb		6.5	1	6.5	ug/dL
BV-247-(12)-B	BV-01-0543	blood	9	Site 2	400	247	12	10/12/02	6448	380.41	Pb		9.2	1	9.2	ug/dL
BV-438-(12)-B	BV-01-0519	blood	9	Site 2	400	438	12	10/12/02	6448	425.14	Pb		11	1	11	ug/dL
BV-251-(12)-B	BV-01-0529	blood	10	Control	0	251	12	10/12/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-258-(12)-B	BV-01-0498	blood	10	Control	0	258	12	10/12/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-272-(12)-B	BV-01-0509	blood	10	Control	0	272	12	10/12/02	0	0	Pb	<	1	1	0.5	ug/dL
BV-242-(15)-B	BV-01-0595	blood	1	PbAC	25	242	15	10/15/02			Pb		4.1	1	4.1	ug/dL
BV-245-(15)-B	BV-01-0544	blood	1	PbAC	25	245	15	10/15/02			Pb		2.5	1	2.5	ug/dL
BV-262-(15)-B	BV-01-0586	blood	1	PbAC	25	262	15	10/15/02			Pb		1.1	1	1.1	ug/dL
BV-271-(15)-B	BV-01-0576	blood	1	PbAC	25	271	15	10/15/02			Pb		1.1	1	1.1	ug/dL
BV-441-(15)-B	BV-01-0581	blood	1	PbAC	25	441	15	10/15/02			Pb		1.2	1	1.2	ug/dL
BV-229-(15)-B	BV-01-0566	blood	2	PbAC	75	229	15	10/15/02			Pb		3	1	3	ug/dL
BV-243-(15)-B	BV-01-0562	blood	2	PbAC	75	243	15	10/15/02			Pb		4	1	4	ug/dL
BV-249-(15)-B	BV-01-0547	blood	2	PbAC	75	249	15	10/15/02			Pb		6.7	1	6.7	ug/dL
BV-257-(15)-B	BV-01-0592	blood	2	PbAC	75	257	15	10/15/02			Pb		3.7	1	3.7	ug/dL
BV-444-(15)-B	BV-01-0550	blood	2	PbAC	75	444	15	10/15/02			Pb		6.9	1	6.9	ug/dL
BV-252-(15)-B	BV-01-0564	blood	3	PbAC	225	252	15	10/15/02			Pb		6.5	1	6.5	ug/dL
BV-260-(15)-B	BV-01-0569	blood	3	PbAC	225	260	15	10/15/02			Pb		6	1	6	ug/dL
BV-270-(15)-B	BV-01-0574	blood	3	PbAC	225	270	15	10/15/02			Pb		7.2	1	7.2	ug/dL
BV-275-(15)-B	BV-01-0596	blood	3	PbAC	225	275	15	10/15/02			Pb		11	1	11	ug/dL
BV-435-(15)-B	BV-01-0570	blood	3	PbAC	225	435	15	10/15/02			Pb		2.8	1	2.8	ug/dL
BV-227-(15)-B	BV-01-0568	blood	4	Site 1	75	227	15	10/15/02			Pb		5.2	1	5.2	ug/dL
BV-244-(15)-B	BV-01-0587	blood	4	Site 1	75	244	15	10/15/02			Pb		3.1	1	3.1	ug/dL
BV-254-(15)-B	BV-01-0567	blood	4	Site 1	75	254	15	10/15/02			Pb		3.5	1	3.5	ug/dL
BV-259-(15)-B	BV-01-0580	blood	4	Site 1	75	259	15	10/15/02			Pb		2.4	1	2.4	ug/dL
BV-266-(15)-B	BV-01-0571	blood	4	Site 1	75	266	15	10/15/02			Pb		2.2	1	2.2	ug/dL
BV-230-(15)-B	BV-01-0557	blood	5	Site 1	225	230	15	10/15/02			Pb		8.9	1	8.9	ug/dL
BV-256-(15)-B	BV-01-0588	blood	5	Site 1	225	256	15	10/15/02			Pb		6.1	1	6.1	ug/dL
BV-437-(15)-B	BV-01-0575	blood	5	Site 1	225	437	15	10/15/02			Pb		6.3	1	6.3	ug/dL
BV-440-(15)-B	BV-01-0560	blood	5	Site 1	225	440	15	10/15/02			Pb		7	1	7	ug/dL
BV-443-(15)-B	BV-01-0572	blood	5	Site 1	225	443	15	10/15/02			Pb		6.4	1	6.4	ug/dL
BV-232-(15)-B	BV-01-0559	blood	6	Site 1	400	232	15	10/15/02			Pb		11	1	11	ug/dL
BV-255-(15)-B	BV-01-0549	blood	6	Site 1	400	255	15	10/15/02			Pb		8	1	8	ug/dL
BV-264-(15)-B	BV-01-0553	blood	6	Site 1	400	264	15	10/15/02			Pb		17	1	17	ug/dL
BV-268-(15)-B	BV-01-0583	blood	6	Site 1	400	268	15	10/15/02			Pb		10	1	10	ug/dL
BV-269-(15)-B	BV-01-0578	blood	6	Site 1	400	269	15	10/15/02			Pb		6.5	1	6.5	ug/dL
BV-231-(15)-B	BV-01-0554	blood	7	Site 2	75	231	15	10/15/02			Pb		3.1	1	3.1	ug/dL
BV-246-(15)-B	BV-01-0546	blood	7	Site 2	75	246	15	10/15/02			Pb		6.3	1	6.3	ug/dL
BV-248-(15)-B	BV-01-0585	blood	7	Site 2	75	248	15	10/15/02			Pb		2.8	1	2.8	ug/dL
BV-263-(15)-B	BV-01-0556	blood	7	Site 2	75	263	15	10/15/02			Pb		3.4	1	3.4	ug/dL
BV-274-(15)-B	BV-01-0565	blood	7	Site 2	75	274	15	10/15/02			Pb		1.8	1	1.8	ug/dL
BV-226-(15)-B	BV-01-0593	blood	8	Site 2	225	226	15	10/15/02			Pb		6.1	1	6.1	ug/dL
BV-261-(15)-B	BV-01-0551	blood	8	Site 2	225	261	15	10/15/02			Pb		9.9	1	9.9	ug/dL
BV-265-(15)-B	BV-01-0591	blood	8	Site 2	225	265	15	10/15/02			Pb		5.6	1	5.6	ug/dL
BV-434-(15)-B	BV-01-0594	blood	8	Site 2	225	434	15	10/15/02			Pb		5.5	1	5.5	ug/dL
BV-439-(15)-B	BV-01-0579	blood	8	Site 2	225	439	15	10/15/02			Pb		4.8	1	4.8	ug/dL
BV-228-(15)-B	BV-01-0577	blood	9	Site 2	400	228	15	10/15/02			Pb		9.7	1	9.7	ug/dL
BV-233-(15)-B	BV-01-0548	blood	9	Site 2	400	233	15	10/15/02			Pb		8.4	1	8.4	ug/dL
BV-238-(15)-B	BV-01-0545	blood	9	Site 2	400	238	15	10/15/02			Pb		5.7	1	5.7	ug/dL
BV-247-(15)-B	BV-01-0561	blood	9	Site 2	400	247	15	10/15/02			Pb		7.9	1	7.9	ug/dL
BV-438-(15)-B	BV-01-0573	blood	9	Site 2	400	438	15	10/15/02			Pb		10	1	10	ug/dL
BV-251-(15)-B	BV-01-0590	blood	10	Control	0	251	15	10/15/02			Pb	<	1	1	0.5	ug/dL
BV-258-(15)-B	BV-01-0558	blood	10	Control	0	258	15	10/15/02			Pb	<	1	1	0.5	ug/dL
BV-272-(15)-B	BV-01-0555	blood	10	Control	0	272	15	10/15/02			Pb	<	1	1	0.5	ug/dL
BV-242-(15)-F	BV-01-0609	femur	1	PbAC	25	242	15	10/15/02			Pb		1.2	0.5	1.2	ng/mg
BV-245-(15)-F	BV-01-0641	femur	1	PbAC	25	245	15	10/15/02			Pb		0.5	0.5	0.5	ng/mg
BV-262-(15)-F	BV-01-0619	femur	1	PbAC	25	262	15	10/15/02			Pb		0.6	0.5	0.6	ng/mg
BV-271-(15)-F	BV-01-0621	femur	1	PbAC	25	271	15	10/15/02			Pb	<	0.5	0.5	0.25	ng/mg
BV-441-(15)-F	BV-01-0642	femur	1	PbAC	25	441	15	10/15/02			Pb		0.6	0.5	0.6	ng/mg
BV-229-(15)-F	BV-01-0644	femur	2	PbAC	75	229	15	10/15/02			Pb		3.25	0.5	3.25	ng/mg
BV-243-(15)-F	BV-01-0636	femur	2	PbAC	75	243	15	10/15/02			Pb		2.85	0.5	2.85	ng/mg
BV-249-(15)-F	BV-01-0630	femur	2	PbAC	75	249	15	10/15/02			Pb		2.55	0.5	2.55	ng/mg
BV-257-(15)-F	BV-01-0620	femur	2	PbAC	75	257	15	10/15/02			Pb		2.25	0.5	2.25	ng/mg
BV-444-(15)-F	BV-01-0627	femur	2	PbAC	75	444	15	10/15/02			Pb		2.2	0.5	2.2	ng/mg
BV-252-(15)-F	BV-01-0635	femur	3	PbAC	225	252	15	10/15/02			Pb		4.45	0.5	4.45	ng/mg
BV-260-(15)-F	BV-01-0623	femur	3	PbAC	225	260	15	10/15/02			Pb		4.1	0.5	4.1	ng/mg
BV-270-(15)-F	BV-01-0597	femur	3	PbAC	225	270	15	10/15/02			Pb		9.5	0.5	9.5	ng/mg
BV-275-(15)-F	BV-01-0634	femur	3	PbAC	225	275	15	10/15/02			Pb		10	0.5	10	ng/mg
BV-435-(15)-F	BV-01-0647	femur	3	PbAC	225	435	15	10/15/02			Pb		10.5	0.5	10.5	ng/mg
BV-227-(15)-F	BV-01-0625	femur	4	Site 1	75	227	15	10/15/02			Pb		3.3	0.5	3.3	ng/mg
BV-244-(15)-F	BV-01-0611	femur	4	Site 1	75	244	15	10/15/02			Pb		1.8	0.5	1.8	ng/mg
BV-254-(15)-F	BV-01-0599	femur	4	Site 1	75	254	15	10/15/02			Pb		3.3	0.5	3.3	ng/mg
BV-259-(15)-F	BV-01-0624	femur	4	Site 1	75	259	15	10/15/02			Pb		2.75	0.5	2.75	ng/mg
BV-266-(15)-F	BV-01-0608	femur	4	Site 1	75	266	15	10/15/02			Pb		1.7	0.5	1.7	ng/mg
BV-230-(15)-F	BV-01-0614	femur	5	Site 1	225	230	15	10/15/02			Pb		5.5	0.5	5.5	ng/mg
BV-256-(15)-F	BV-01-0639	femur	5	Site 1	225	256	15	10/15/02			Pb		12.5	0.5	12.5	ng/mg
BV-437-(15)-F	BV-01-0629	femur	5	Site 1	225	437	15	10/15/02			Pb		5.5	0.5	5.5	ng/mg
BV-440-(15)-F	BV-01-0628	femur	5	Site 1	225	440	15	10/15/02			Pb		12	0.5	12	ng/mg
BV-443-(15)-F	BV-01-0618	femur	5	Site 1	225	443	15	10/15/02			Pb		11.5	0.5	11.5	ng/mg
BV-232-(15)-F	BV-01-0638	femur	6	Site 1	400	232	15	10/15/02			Pb		17.5	0.5	17.5	ng/mg
BV-255-(15)-F	BV-01-0607	femur	6	Site 1	400	255	15	10/15/02			Pb		13	0.5	13	ng/mg
BV-264-(15)-F	BV-01-0637	femur	6	Site 1	400	264	15	10/15/02			Pb		22	0.5	22	ng/mg
BV-268-(15)-F	BV-01-0612	femur	6	Site 1	400	268	15	10/15/02			Pb		10.5	0.5	10.5	ng/mg
BV-269-(15)-F	BV-01-0600	femur	6	Site 1	400	269	15	10/15/02			Pb		13	0.5	13	ng/mg

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-231-(15)-F	BV-01-0643	femur	7	Site 2	75	231	15	10/15/02			Pb		1.55	0.5	1.55	ng/mg
BV-246-(15)-F	BV-01-0617	femur	7	Site 2	75	246	15	10/15/02			Pb		2.3	0.5	2.3	ng/mg
BV-248-(15)-F	BV-01-0610	femur	7	Site 2	75	248	15	10/15/02			Pb		1.8	0.5	1.8	ng/mg
BV-263-(15)-F	BV-01-0616	femur	7	Site 2	75	263	15	10/15/02			Pb		3	0.5	3	ng/mg
BV-274-(15)-F	BV-01-0603	femur	7	Site 2	75	274	15	10/15/02			Pb		2.1	0.5	2.1	ng/mg
BV-226-(15)-F	BV-01-0632	femur	8	Site 2	225	226	15	10/15/02			Pb		7.5	0.5	7.5	ng/mg
BV-261-(15)-F	BV-01-0605	femur	8	Site 2	225	261	15	10/15/02			Pb		10	0.5	10	ng/mg
BV-265-(15)-F	BV-01-0633	femur	8	Site 2	225	265	15	10/15/02			Pb		5	0.5	5	ng/mg
BV-434-(15)-F	BV-01-0601	femur	8	Site 2	225	434	15	10/15/02			Pb		6	0.5	6	ng/mg
BV-439-(15)-F	BV-01-0604	femur	8	Site 2	225	439	15	10/15/02			Pb		5.5	0.5	5.5	ng/mg
BV-228-(15)-F	BV-01-0613	femur	9	Site 2	400	228	15	10/15/02			Pb		9.5	0.5	9.5	ng/mg
BV-233-(15)-F	BV-01-0646	femur	9	Site 2	400	233	15	10/15/02			Pb		6.5	0.5	6.5	ng/mg
BV-238-(15)-F	BV-01-0622	femur	9	Site 2	400	238	15	10/15/02			Pb		7	0.5	7	ng/mg
BV-247-(15)-F	BV-01-0626	femur	9	Site 2	400	247	15	10/15/02			Pb		11.5	0.5	11.5	ng/mg
BV-438-(15)-F	BV-01-0598	femur	9	Site 2	400	438	15	10/15/02			Pb		11	0.5	11	ng/mg
BV-251-(15)-F	BV-01-0615	femur	10	Control	0	251	15	10/15/02			Pb	<	0.5	0.5	0.25	ng/mg
BV-258-(15)-F	BV-01-0631	femur	10	Control	0	258	15	10/15/02			Pb	<	0.5	0.5	0.25	ng/mg
BV-272-(15)-F	BV-01-0640	femur	10	Control	0	272	15	10/15/02			Pb	<	0.5	0.5	0.25	ng/mg
BV-242-(15)-K	BV-01-0652	kidney	1	PbAC	25	242	15	10/15/02			Pb		520	10	520	ng/g
BV-245-(15)-K	BV-01-0677	kidney	1	PbAC	25	245	15	10/15/02			Pb		220	10	220	ng/g
BV-262-(15)-K	BV-01-0698	kidney	1	PbAC	25	262	15	10/15/02			Pb		250	10	250	ng/g
BV-271-(15)-K	BV-01-0689	kidney	1	PbAC	25	271	15	10/15/02			Pb		160	10	160	ng/g
BV-441-(15)-K	BV-01-0697	kidney	1	PbAC	25	441	15	10/15/02			Pb		300	10	300	ng/g
BV-229-(15)-K	BV-01-0656	kidney	2	PbAC	75	229	15	10/15/02			Pb		470	10	470	ng/g
BV-243-(15)-K	BV-01-0667	kidney	2	PbAC	75	243	15	10/15/02			Pb		1400	10	1400	ng/g
BV-249-(15)-K	BV-01-0648	kidney	2	PbAC	75	249	15	10/15/02			Pb		1000	10	1000	ng/g
BV-257-(15)-K	BV-01-0664	kidney	2	PbAC	75	257	15	10/15/02			Pb		430	10	430	ng/g
BV-444-(15)-K	BV-01-0687	kidney	2	PbAC	75	444	15	10/15/02			Pb		1200	10	1200	ng/g
BV-252-(15)-K	BV-01-0680	kidney	3	PbAC	225	252	15	10/15/02			Pb		2300	10	2300	ng/g
BV-260-(15)-K	BV-01-0659	kidney	3	PbAC	225	260	15	10/15/02			Pb		850	10	850	ng/g
BV-270-(15)-K	BV-01-0683	kidney	3	PbAC	225	270	15	10/15/02			Pb		2000	10	2000	ng/g
BV-275-(15)-K	BV-01-0661	kidney	3	PbAC	225	275	15	10/15/02			Pb		2000	10	2000	ng/g
BV-435-(15)-K	BV-01-0682	kidney	3	PbAC	225	435	15	10/15/02			Pb		1700	10	1700	ng/g
BV-227-(15)-K	BV-01-0662	kidney	4	Site 1	75	227	15	10/15/02			Pb		1500	10	1500	ng/g
BV-244-(15)-K	BV-01-0691	kidney	4	Site 1	75	244	15	10/15/02			Pb		760	10	760	ng/g
BV-254-(15)-K	BV-01-0695	kidney	4	Site 1	75	254	15	10/15/02			Pb		830	10	830	ng/g
BV-259-(15)-K	BV-01-0684	kidney	4	Site 1	75	259	15	10/15/02			Pb		590	10	590	ng/g
BV-266-(15)-K	BV-01-0692	kidney	4	Site 1	75	266	15	10/15/02			Pb		310	10	310	ng/g
BV-230-(15)-K	BV-01-0696	kidney	5	Site 1	225	230	15	10/15/02			Pb		1300	10	1300	ng/g
BV-256-(15)-K	BV-01-0668	kidney	5	Site 1	225	256	15	10/15/02			Pb		3700	10	3700	ng/g
BV-437-(15)-K	BV-01-0663	kidney	5	Site 1	225	437	15	10/15/02			Pb		1500	10	1500	ng/g
BV-440-(15)-K	BV-01-0685	kidney	5	Site 1	225	440	15	10/15/02			Pb		3300	10	3300	ng/g
BV-443-(15)-K	BV-01-0690	kidney	5	Site 1	225	443	15	10/15/02			Pb		2800	10	2800	ng/g
BV-232-(15)-K	BV-01-0666	kidney	6	Site 1	400	232	15	10/15/02			Pb		3200	10	3200	ng/g
BV-255-(15)-K	BV-01-0671	kidney	6	Site 1	400	255	15	10/15/02			Pb		5000	10	5000	ng/g
BV-264-(15)-K	BV-01-0657	kidney	6	Site 1	400	264	15	10/15/02			Pb		3000	10	3000	ng/g
BV-268-(15)-K	BV-01-0665	kidney	6	Site 1	400	268	15	10/15/02			Pb		3000	10	3000	ng/g
BV-269-(15)-K	BV-01-0655	kidney	6	Site 1	400	269	15	10/15/02			Pb		2200	10	2200	ng/g
BV-231-(15)-K	BV-01-0651	kidney	7	Site 2	75	231	15	10/15/02			Pb		630	10	630	ng/g
BV-246-(15)-K	BV-01-0660	kidney	7	Site 2	75	246	15	10/15/02			Pb		560	10	560	ng/g
BV-248-(15)-K	BV-01-0673	kidney	7	Site 2	75	248	15	10/15/02			Pb		1000	10	1000	ng/g
BV-263-(15)-K	BV-01-0653	kidney	7	Site 2	75	263	15	10/15/02			Pb		860	10	860	ng/g
BV-274-(15)-K	BV-01-0693	kidney	7	Site 2	75	274	15	10/15/02			Pb		270	10	270	ng/g
BV-226-(15)-K	BV-01-0654	kidney	8	Site 2	225	226	15	10/15/02			Pb		4000	10	4000	ng/g
BV-261-(15)-K	BV-01-0681	kidney	8	Site 2	225	261	15	10/15/02			Pb		1300	10	1300	ng/g
BV-265-(15)-K	BV-01-0676	kidney	8	Site 2	225	265	15	10/15/02			Pb		1100	10	1100	ng/g
BV-434-(15)-K	BV-01-0679	kidney	8	Site 2	225	434	15	10/15/02			Pb		1500	10	1500	ng/g
BV-439-(15)-K	BV-01-0674	kidney	8	Site 2	225	439	15	10/15/02			Pb		920	10	920	ng/g
BV-228-(15)-K	BV-01-0672	kidney	9	Site 2	400	228	15	10/15/02			Pb		3100	10	3100	ng/g
BV-233-(15)-K	BV-01-0678	kidney	9	Site 2	400	233	15	10/15/02			Pb		2100	10	2100	ng/g
BV-238-(15)-K	BV-01-0669	kidney	9	Site 2	400	238	15	10/15/02			Pb		1900	10	1900	ng/g
BV-247-(15)-K	BV-01-0670	kidney	9	Site 2	400	247	15	10/15/02			Pb		2600	10	2600	ng/g
BV-438-(15)-K	BV-01-0686	kidney	9	Site 2	400	438	15	10/15/02			Pb		2200	10	2200	ng/g
BV-251-(15)-K	BV-01-0675	kidney	10	Control	0	251	15	10/15/02			Pb	<	10	10	5	ng/g
BV-258-(15)-K	BV-01-0688	kidney	10	Control	0	258	15	10/15/02			Pb	<	10	10	5	ng/g
BV-272-(15)-K	BV-01-0649	kidney	10	Control	0	272	15	10/15/02			Pb	<	10	10	5	ng/g
BV-242-(15)-L	BV-01-0705	liver	1	PbAC	25	242	15	10/15/02			Pb		1000	10	1000	ng/g
BV-245-(15)-L	BV-01-0736	liver	1	PbAC	25	245	15	10/15/02			Pb		200	10	200	ng/g
BV-262-(15)-L	BV-01-0713	liver	1	PbAC	25	262	15	10/15/02			Pb		560	10	560	ng/g
BV-271-(15)-L	BV-01-0746	liver	1	PbAC	25	271	15	10/15/02			Pb		1000	10	1000	ng/g
BV-441-(15)-L	BV-01-0715	liver	1	PbAC	25	441	15	10/15/02			Pb		580	10	580	ng/g
BV-229-(15)-L	BV-01-0718	liver	2	PbAC	75	229	15	10/15/02			Pb		2600	10	2600	ng/g
BV-243-(15)-L	BV-01-0714	liver	2	PbAC	75	243	15	10/15/02			Pb		2500	10	2500	ng/g
BV-249-(15)-L	BV-01-0719	liver	2	PbAC	75	249	15	10/15/02			Pb		20000	50	20000	ng/g
BV-257-(15)-L	BV-01-0707	liver	2	PbAC	75	257	15	10/15/02			Pb		2000	10	2000	ng/g
BV-444-(15)-L	BV-01-0744	liver	2	PbAC	75	444	15	10/15/02			Pb		2400	10	2400	ng/g
BV-252-(15)-L	BV-01-0725	liver	3	PbAC	225	252	15	10/15/02			Pb		3400	10	3400	ng/g
BV-260-(15)-L	BV-01-0706	liver	3	PbAC	225	260	15	10/15/02			Pb		4100	10	4100	ng/g
BV-270-(15)-L	BV-01-0727	liver	3	PbAC	225	270	15	10/15/02			Pb		7900	20	7900	ng/g
BV-275-(15)-L	BV-01-0708	liver	3	PbAC	225	275	15	10/15/02			Pb		10000	20	10000	ng/g
BV-435-(15)-L	BV-01-0724	liver	3	PbAC	225	435	15	10/15/02			Pb		2300	10	2300	ng/g
BV-227-(15)-L	BV-01-0734	liver	4	Site 1	75	227	15	10/15/02			Pb		2700	10	2700	ng/g
BV-244-(15)-L	BV-01-0716	liver	4	Site 1	75	244	15	10/15/02			Pb		1600	10	1600	ng/g
BV-254-(15)-L	BV-01-0712	liver	4	Site 1	75	254	15	10/15/02			Pb		2200	10	2200	ng/g
BV-259-(15)-L	BV-01-0711	liver	4	Site 1	75	259	15	10/15/02			Pb		2400	10	2400	ng/g
BV-266-(15)-L	BV-01-0699	liver	4	Site 1	75	266	15	10/15/02			Pb		2100	10	2100	ng/g
BV-230-(15)-L	BV-01-0732	liver	5	Site 1	225	230	15	10/15/02			Pb		3300	10	3300	ng/g
BV-256-(15)-L	BV-01-0737	liver	5	Site 1	225	256	15	10/15/02			Pb		14000	50	14000	ng/g
BV-437-(15)-L	BV-01-0735	liver	5	Site 1	225	437	15	10/15/02			Pb		8000	20	8000	ng/g
BV-440-(15)-L	BV-01-0720	liver	5	Site 1	225	440	15	10/15/02			Pb		3400	50	3400	ng/g
BV-443-(15)-L	BV-01-0726	liver	5	Site 1	225	443	15	10/15/02			Pb		10000	20	10000	ng/g
BV-232-(15)-L	BV-01-0700	liver	6	Site 1	400	232	15	10/15/02			Pb		9500	20	9500	ng/g

Sample Number	Tag Number	Matrix	Group	Material Administered	Target Dose (ug/kg-d)	Pig Number	Collection Day	Collection Date	Actual Dose (ug/d)	Actual BWAdj Dose (ug/d)	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-255-(15)-L	BV-01-0748	liver	6	Site 1	400	255	15	10/15/02			Pb		9800	20	9800	ng/g
BV-264-(15)-L	BV-01-0729	liver	6	Site 1	400	264	15	10/15/02			Pb		15000	50	15000	ng/g
BV-268-(15)-L	BV-01-0741	liver	6	Site 1	400	268	15	10/15/02			Pb		10000	20	10000	ng/g
BV-269-(15)-L	BV-01-0749	liver	6	Site 1	400	269	15	10/15/02			Pb		6500	20	6500	ng/g
BV-231-(15)-L	BV-01-0703	liver	7	Site 2	75	231	15	10/15/02			Pb		1200	10	1200	ng/g
BV-246-(15)-L	BV-01-0743	liver	7	Site 2	75	246	15	10/15/02			Pb		2800	10	2800	ng/g
BV-248-(15)-L	BV-01-0701	liver	7	Site 2	75	248	15	10/15/02			Pb		2200	10	2200	ng/g
BV-263-(15)-L	BV-01-0728	liver	7	Site 2	75	263	15	10/15/02			Pb		1800	50	1800	ng/g
BV-274-(15)-L	BV-01-0717	liver	7	Site 2	75	274	15	10/15/02			Pb		1400	10	1400	ng/g
BV-226-(15)-L	BV-01-0722	liver	8	Site 2	225	226	15	10/15/02			Pb		5600	20	5600	ng/g
BV-261-(15)-L	BV-01-0709	liver	8	Site 2	225	261	15	10/15/02			Pb		7900	20	7900	ng/g
BV-265-(15)-L	BV-01-0745	liver	8	Site 2	225	265	15	10/15/02			Pb		4700	10	4700	ng/g
BV-434-(15)-L	BV-01-0733	liver	8	Site 2	225	434	15	10/15/02			Pb		6200	20	6200	ng/g
BV-439-(15)-L	BV-01-0742	liver	8	Site 2	225	439	15	10/15/02			Pb		3000	10	3000	ng/g
BV-228-(15)-L	BV-01-0710	liver	9	Site 2	400	228	15	10/15/02			Pb		9000	20	9000	ng/g
BV-233-(15)-L	BV-01-0731	liver	9	Site 2	400	233	15	10/15/02			Pb		4800	10	4800	ng/g
BV-238-(15)-L	BV-01-0721	liver	9	Site 2	400	238	15	10/15/02			Pb		6400	20	6400	ng/g
BV-247-(15)-L	BV-01-0740	liver	9	Site 2	400	247	15	10/15/02			Pb		7400	20	7400	ng/g
BV-438-(15)-L	BV-01-0702	liver	9	Site 2	400	438	15	10/15/02			Pb		6700	20	6700	ng/g
BV-251-(15)-L	BV-01-0723	liver	10	Control	0	251	15	10/15/02			Pb	<	10	10	5	ng/g

TABLE A-5 LEAD ANALYTICAL RESULTS FOR BLOOD LEAD CHECK SAMPLES

Tag Number	Matrix	CDC Blood Lead Check Sample	CDC Concentration	CDC Units	Analyte	Q	Pb Conc	DL	AdjConc	Units
BV-01-0241	blood	CDC BLLRS sample 294 (low)	1.9	ug/dL	Pb	<	1	1	0.5	ug/dL
BV-01-0141	blood	CDC BLLRS sample 294 (low)	1.9	ug/dL	Pb	<	1	1	0.5	ug/dL
BV-01-0210	blood	CDC BLLRS sample 294 (low)	1.9	ug/dL	Pb		1.2	1	1.2	ug/dL
BV-01-0298	blood	CDC BLLRS sample 294 (low)	1.9	ug/dL	Pb	<	1	1	0.5	ug/dL
BV-01-0364	blood	CDC BLLRS sample 294 (low)	1.9	ug/dL	Pb	<	1	1	0.5	ug/dL
BV-01-0552	blood	CDC BLLRS sample 294 (low)	1.9	ug/dL	Pb		3	1	3	ug/dL
BV-01-0222	blood	CDC BLLRS sample 592 (high)	13.9	ug/dL	Pb		15	1	15	ug/dL
BV-01-0290	blood	CDC BLLRS sample 690 (medium)	4.8	ug/dL	Pb		16	1	16	ug/dL
BV-01-0422	blood	CDC BLLRS sample 690 (medium)	4.8	ug/dL	Pb		2.6	1	2.6	ug/dL
BV-01-0481	blood	CDC BLLRS sample 690 (medium)	4.8	ug/dL	Pb		3.3	1	3.3	ug/dL
BV-01-0485	blood	CDC BLLRS sample 690 (medium)	4.8	ug/dL	Pb		1.8	1	1.8	ug/dL
BV-01-0528	blood	CDC BLLRS sample 690 (medium)	4.8	ug/dL	Pb		2.8	1	2.8	ug/dL
BV-01-0260	blood	CDC BLLRS sample 690 (medium)	4.8	ug/dL	Pb		2.6	1	2.6	ug/dL
BV-01-0164	blood	CDC BLLRS sample 592 (high)	13.9	ug/dL	Pb		14	1	14	ug/dL
BV-01-0358	blood	CDC BLLRS sample 592 (high)	13.9	ug/dL	Pb		12	1	12	ug/dL
BV-01-0386	blood	CDC BLLRS sample 592 (high)	13.9	ug/dL	Pb		11	1	11	ug/dL
BV-01-0524	blood	CDC BLLRS sample 592 (high)	13.9	ug/dL	Pb		12	1	12	ug/dL
BV-01-0589	blood	CDC BLLRS sample 592 (high)	13.9	ug/dL	Pb		12	1	12	ug/dL

TABLE A-6 LEAD ANALYTICAL RESULTS FOR BLIND DUPLICATES

Tag Number	Matrix	QC Identifier	Original Pig #	Group	Material Administered	Target Dose (ug/kg-d)	Collection Day	Analyte	Q	Pb Conc	DL	AdjConc	Units	OrigAdj Conc
BV-01-0235	blood	2228	228	9	Site 2	400	2	Pb		5.1	1	5.1	ug/dL	3.8
BV-01-0238	blood	2257	257	2	PbAC	75	2	Pb		2	1	2	ug/dL	1.8
BV-01-0232	blood	2272	272	10	Control	0	2	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0170	blood	2261	261	8	Site 2	225	0	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0126	blood	2266	266	4	Site 1	75	0	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0128	blood	2269	269	6	Site 1	400	0	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0179	blood	2226	226	8	Site 2	225	1	Pb	<	1	1	0.5	ug/dL	3.1
BV-01-0203	blood	2243	243	2	PbAC	75	1	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0207	blood	2270	270	3	PbAC	225	1	Pb		7.1	1	7.1	ug/dL	5
BV-01-0326	blood	2248	248	7	Site 2	75	3	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0308	blood	2265	265	8	Site 2	225	3	Pb	<	1	1	0.5	ug/dL	1.7
BV-01-0294	blood	2275	275	3	PbAC	225	3	Pb		7.7	1	7.7	ug/dL	6.8
BV-01-0337	blood	2238	238	9	Site 2	400	5	Pb		7.2	1	7.2	ug/dL	6.2
BV-01-0382	blood	2256	256	5	Site 1	225	5	Pb		5.1	1	5.1	ug/dL	6.5
BV-01-0355	blood	2438	438	9	Site 2	400	5	Pb		8.2	1	8.2	ug/dL	6.4
BV-01-0429	blood	2271	271	1	PbAC	25	7	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0410	blood	2439	439	8	Site 2	225	7	Pb		3.1	1	3.1	ug/dL	1.1
BV-01-0395	blood	2441	441	1	PbAC	25	7	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0465	blood	2230	230	5	Site 1	225	9	Pb		6.4	1	6.4	ug/dL	5.3
BV-01-0469	blood	2242	242	1	PbAC	25	9	Pb		1.5	1	1.5	ug/dL	1.1
BV-01-0438	blood	2247	247	9	Site 2	400	9	Pb		11	1	11	ug/dL	6.9
BV-01-0505	blood	2246	246	7	Site 2	75	12	Pb		5.5	1	5.5	ug/dL	5.1
BV-01-0497	blood	2258	258	10	Control	0	12	Pb	<	1	1	0.5	ug/dL	0.5
BV-01-0537	blood	2263	263	7	Site 2	75	12	Pb		3.4	1	3.4	ug/dL	2.4
BV-01-0584	blood	2259	259	4	Site 1	75	15	Pb		4.4	1	4.4	ug/dL	2.4
BV-01-0563	blood	2440	440	5	Site 1	225	15	Pb		11	1	11	ug/dL	7
BV-01-0582	blood	2443	443	5	Site 1	225	15	Pb		9.1	1	9.1	ug/dL	6.4
BV-01-0645	femur	2232	232	6	Site 1	400	15	Pb		18	0.5	18	ng/mg	17.5
BV-01-0606	femur	2249	249	2	PbAC	75	15	Pb		3	0.5	3	ng/mg	2.55
BV-01-0602	femur	2260	260	3	PbAC	225	15	Pb		7.5	0.5	7.5	ng/mg	4.1
BV-01-0650	kidney	2245	245	1	PbAC	25	15	Pb		280	10	280	ng/g	220
BV-01-0694	kidney	2268	268	6	Site 1	400	15	Pb		4300	10	4300	ng/g	3000
BV-01-0658	kidney	2274	274	7	Site 2	75	15	Pb		350	10	350	ng/g	270
BV-01-0704	liver	2244	244	4	Site 1	75	15	Pb		1400	10	1400	ng/g	1600
BV-01-0747	liver	2264	264	6	Site 1	400	15	Pb		17000	50	17000	ng/g	15000
BV-01-0739	liver	2434	434	8	Site 2	225	15	Pb		5600	20	5600	ng/g	6200

TABLE A-7 AREA UNDER CURVE DETERMINATIONS

Group	Pig Number	AUC (ug/dL-days) for Time Span Shown								AUC Total (ug/dL-days)
		0-1	1-2	2-3	3-5	5-7	7-9	9-12	12-15	
1	242	0.50	0.50	0.50	1.00	1.00	1.60	4.95	9.45	19.50
1	245	0.50	0.50	0.50	1.00	1.00	1.00	1.50	4.50	10.50
1	262	0.50	0.50	0.50	1.00	1.00	1.00	1.50	2.40	8.40
1	271	0.50	0.50	0.50	1.00	1.00	1.00	2.55	3.45	10.50
1	441	0.50	0.50	0.50	1.00	1.00	1.00	1.50	2.55	8.55
2	229	0.75	1.05	1.75	4.60	2.70	4.20	12.00	10.95	38.00
2	243	0.50	0.75	0.75	1.70	2.20	3.60	6.60	8.70	24.80
2	249	0.50	0.50	0.50	1.80	1.80	3.40	12.30	18.00	38.80
2	257	1.55	2.20	1.65	4.40	5.50	5.20	7.20	8.85	36.55
2	444	0.50	0.50	0.50	2.80	4.00	4.90	14.85	20.40	48.45
3	252	2.75	4.40	3.70	9.50	11.30	11.20	19.80	20.85	83.50
3	260	0.75	1.40	2.65	9.20	9.90	9.50	15.30	16.35	65.05
3	270	2.75	6.95	7.00	12.40	11.80	10.80	24.00	25.35	101.05
3	275	5.25	10.50	8.90	13.20	8.80	8.70	19.95	27.00	102.30
3	435	2.45	4.85	4.65	8.10	7.50	9.10	19.50	15.15	71.30
4	227	0.50	1.00	1.00	4.40	6.80	7.60	14.55	15.30	51.15
4	244	0.50	0.50	0.50	2.50	3.80	6.30	11.55	9.45	35.10
4	254	1.55	2.00	1.45	3.60	4.00	7.80	13.95	10.35	44.70
4	259	0.50	0.50	1.00	3.70	5.00	5.80	9.60	8.70	34.80
4	266	0.50	0.75	0.75	1.70	2.30	4.20	8.55	7.20	25.95
5	230	0.90	2.35	2.40	6.70	9.70	9.70	19.05	24.45	75.25
5	256	2.05	4.80	5.40	11.30	12.70	14.90	28.05	24.15	103.35
5	437	1.45	2.20	1.25	4.30	8.20	10.20	19.80	20.55	67.95
5	440	4.05	6.55	4.50	10.50	13.20	15.80	27.75	23.85	106.20
5	443	1.60	3.05	3.40	11.20	13.80	14.50	25.35	22.20	95.10
6	232	4.70	7.25	5.90	19.20	23.00	23.00	37.50	34.50	155.05
6	255	3.05	4.40	2.95	10.90	15.20	16.50	27.45	25.20	105.65
6	264	3.90	7.60	7.10	19.30	25.00	27.00	48.00	51.00	188.90
6	268	3.25	4.50	1.75	9.10	16.30	15.60	24.30	27.45	102.25
6	269	0.50	0.85	0.85	2.40	6.70	11.20	21.30	21.45	65.25
7	231	0.50	0.50	2.75	5.50	1.00	1.00	20.25	24.15	55.65
7	246	0.50	0.50	0.75	4.20	5.50	5.90	13.05	17.10	47.50
7	248	1.05	0.50	0.50	1.80	1.80	2.00	7.20	9.15	24.00
7	263	0.50	0.50	0.50	3.80	6.00	5.50	7.80	8.70	33.30
7	274	0.50	0.50	0.50	3.60	3.60	1.90	6.90	7.50	25.00
8	226	1.80	2.20	1.20	7.50	11.30	12.00	21.45	19.95	77.40
8	261	2.05	2.90	2.15	9.10	13.30	13.20	25.35	29.85	97.90
8	265	0.50	0.50	1.10	6.50	8.30	8.40	14.55	15.60	55.45
8	434	0.75	1.20	1.25	5.00	6.60	6.50	13.80	16.35	51.45
8	439	0.50	0.95	1.25	5.80	5.80	6.20	16.50	16.05	53.05
9	228	2.40	4.05	3.90	11.00	13.30	14.10	23.55	26.40	98.70
9	233	1.25	1.85	2.50	9.80	14.90	14.90	18.00	20.85	84.05
9	238	1.55	2.40	2.30	8.60	17.20	15.90	17.10	18.30	83.35
9	247	2.25	4.60	5.85	18.50	22.00	16.90	24.15	25.65	119.90
9	438	2.65	4.75	2.60	6.90	13.70	13.50	25.80	31.50	101.40
10	251	0.50	0.50	0.50	1.00	1.00	1.00	1.50	1.50	7.50
10	258	0.50	0.50	0.50	6.50	6.50	1.00	1.50	1.50	18.50
10	272	0.50	0.50	0.50	1.00	1.00	1.00	1.50	1.50	7.50

TABLE A-8 BEST CURVE FIT PARAMETERS

Endpoint[a]	Material	a	b	c	d	r^2
Blood AUC (EXP)	PbAc	8.33		159.0	0.00269	0.89
	TM1	8.33		159.0	0.00271	0.77
	TM2	8.33		159.0	0.00205	0.79
Femur (LIN)	PbAc	0.335	0.035			0.91
	TM1	0.335	0.034			0.83
	TM2	0.335	0.022			0.84
Liver (LIN)	PbAc	404.4	22.09			0.65
	TM1	404.4	23.65			0.74
	TM2	404.4	16.45			0.81
Kidney (LIN)	PbAc	171.4	7.834			0.86
	TM1	171.4	8.176			0.70
	TM2	171.4	5.204			0.84

[a] Equations used:

EXP: $y = a+c*(1-\exp(-d*dose))$

LIN: $y = a+b*dose$

FIGURE A-1 BLOOD LEAD DATA BY DAY

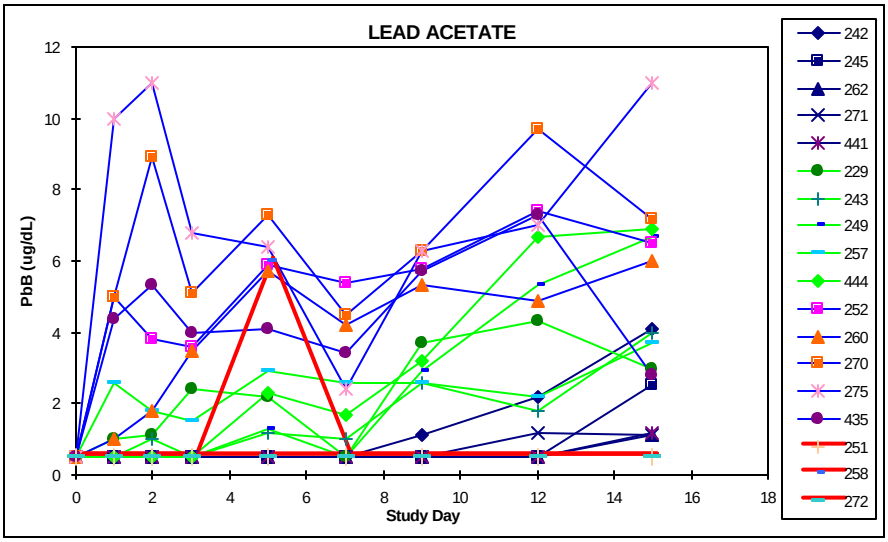

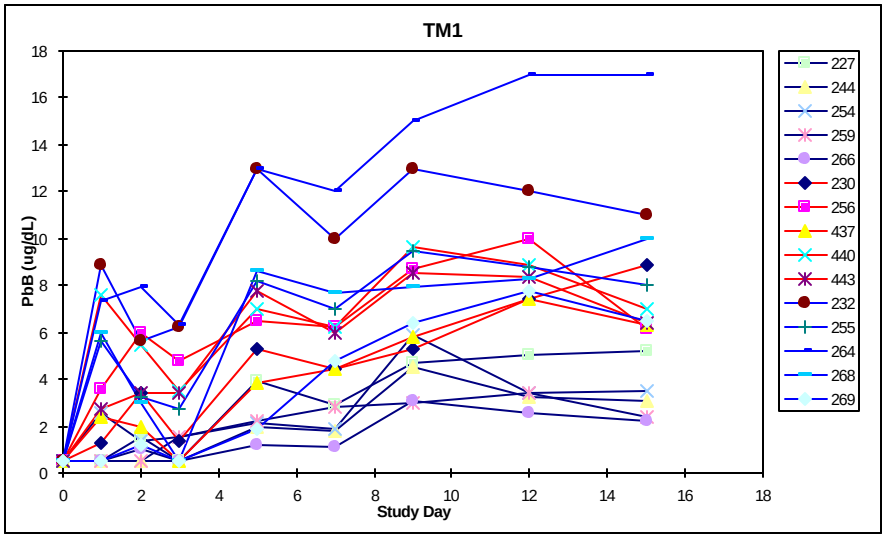

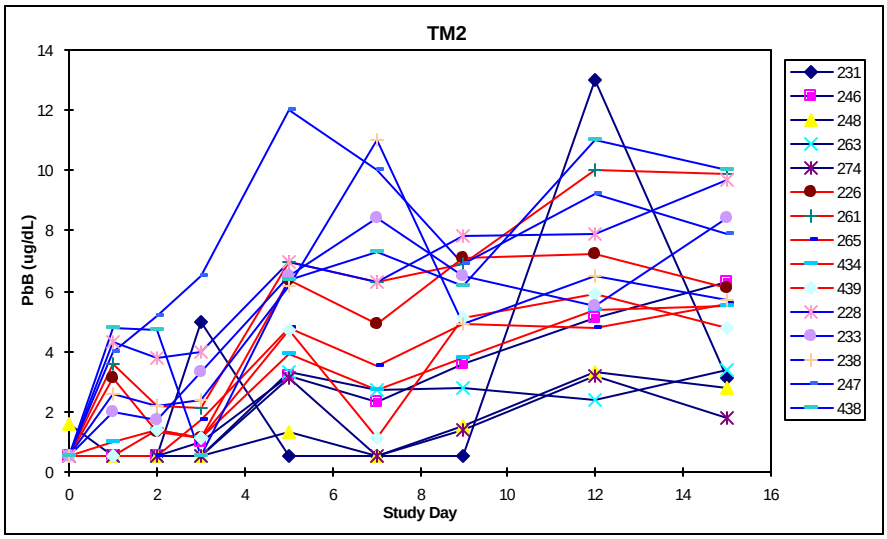

BV1 Lead RBA Estimates
Reevaluation Using EPA 2007 Method

All Data

Measurement Endpoint	Estimated RBA (90% Confidence Interval)	
	Test Material 1 (TM1)	Test Material 2 (TM2)
Blood Lead AUC	1.04 (0.58 - 1.43)	0.87 (0.57 - 1.24)
Liver Lead	0.87 (0.53 - 1.47)	0.78 (0.47 - 1.32)
Kidney Lead	0.83 (0.62 - 1.10)	0.75 (0.56 - 1.00)
Femur Lead	1.07 (0.85 - 1.37)	0.89 (0.70 - 1.15)
Point Estimate	0.95 (0.77 - 1.56)	0.82 (0.56 - 1.08)

Liver Outlier Excluded

Measurement Endpoint	Estimated RBA (90% Confidence Interval)	
	Test Material 1 (TM1)	Test Material 2 (TM2)
Blood Lead AUC	1.04 (0.58 - 1.43)	0.87 (0.57 - 1.24)
Liver Lead	0.91 (0.62 - 1.36)	0.82 (0.55 - 1.22)
Kidney Lead	0.83 (0.62 - 1.10)	0.75 (0.56 - 1.00)
Femur Lead	1.07 (0.85 - 1.37)	0.89 (0.70 - 1.15)
Point Estimate	0.96 (0.64 - 1.29)	0.83 (0.58 - 1.10)

USEPA. 2007. Estimation of Relative Bioavailability of Lead in Soil and Soil-Like Material Using In Vivo and In Vitro Methods. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Washington, DC. OSWER 9285.7-77. June.

FIGURE 1.1 BLOOD LEAD AUC DOSE-RESPONSE: BV-01 (All Data)

Reference Material (Lead Acetate)

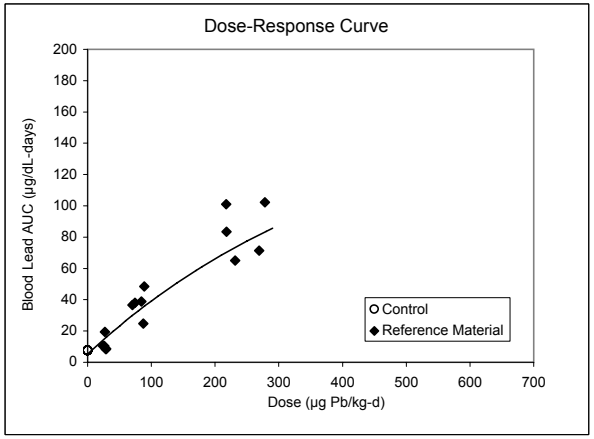

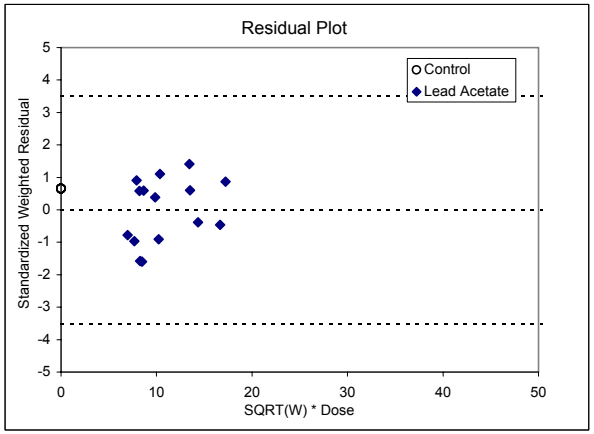

Test Material 1 (TM1)

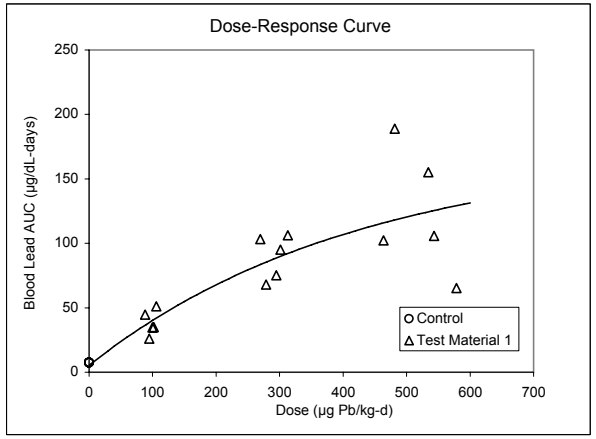

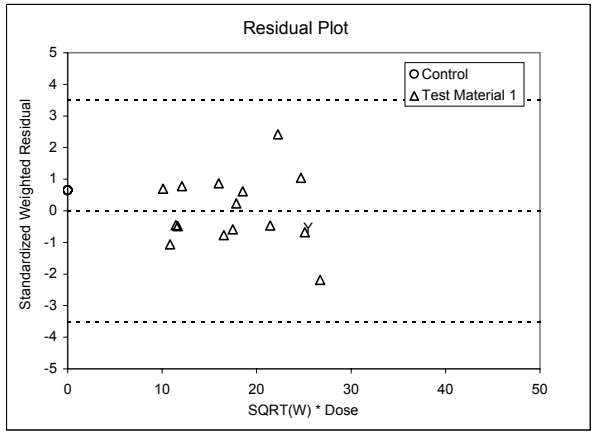

Test Material 2 (TM2)

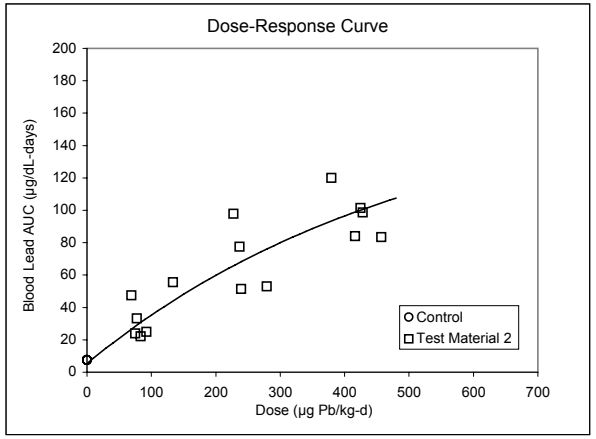

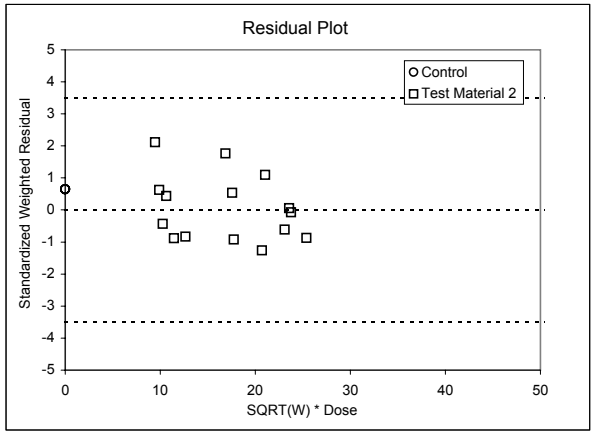

Summary of Fitting[a]

Parameter	Estimate	Standard Error
a	5.34E+00	1.76E+00
b	1.67E+02	4.83E+01
c_r	2.27E-03	8.92E-04
c_{t1}	2.35E-03	1.05E-03
c_{t2}	1.98E-03	8.17E-04
Covariance (c_r,c_{t1})	0.9120	--
Covariance (c_r,c_{t2})	0.9107	--
Degrees of Freedom	43	--

[a] $y = a + b\cdot(1-\exp(-c_r\cdot x_r)) + b\cdot(1-\exp(-c_{t1}\cdot x_{t1})) + b\cdot(1-\exp(-c_{t2}\cdot x_{t2}))$

ANOVA

Source	SSE	DF	MSE
Fit	571.73	3	190.58
Error	86.10	44	1.96
Total	657.83	47	14.00

Statistic	Estimate
F	97.393
p	< 0.001
Adjusted R^2	0.8602

RBA and Uncertainty

	Test Material 1	Test Material 2
RBA	1.04	0.87
Lower bound[b]	0.58	0.57
Upper bound[b]	1.43	1.24
Standard Error[c]	0.190*	0.150*

[b] Upper and lower bounds could not be calculated, as Fieller's theorem failed

[c] Calculated using Fieller's theorem

* g ≥ 0.05, estimate is uncertain

FIGURE 1.2a LIVER LEAD DOSE-RESPONSE: BV-01 (All Data)

Reference Material (Lead Acetate)

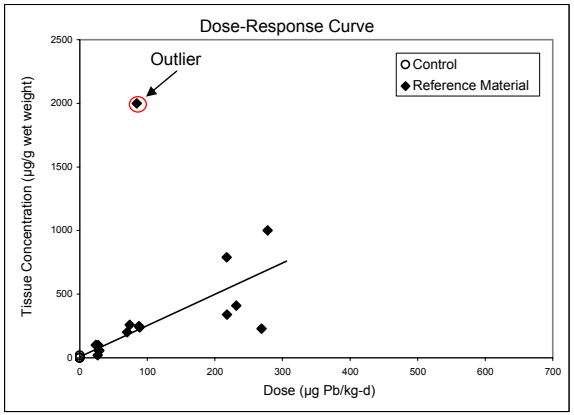

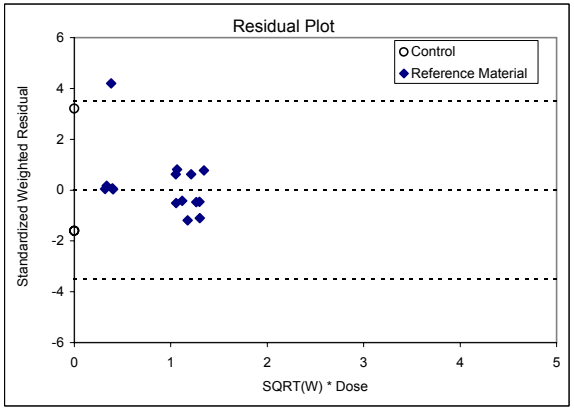

Test Material 1 (TM1)

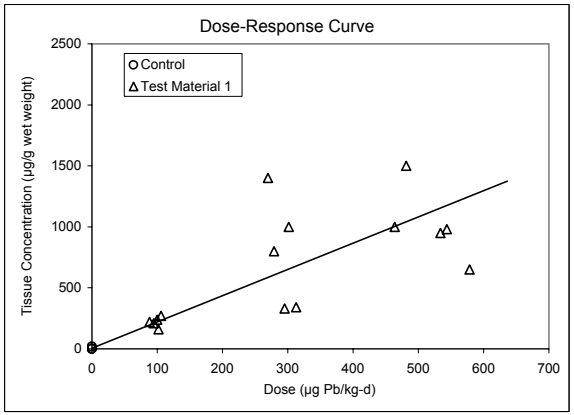

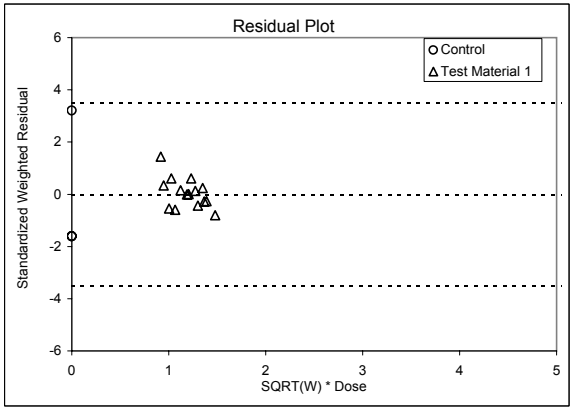

Test Material 2 (TM2)

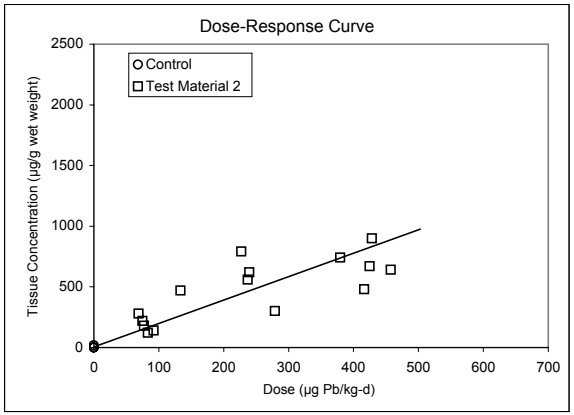

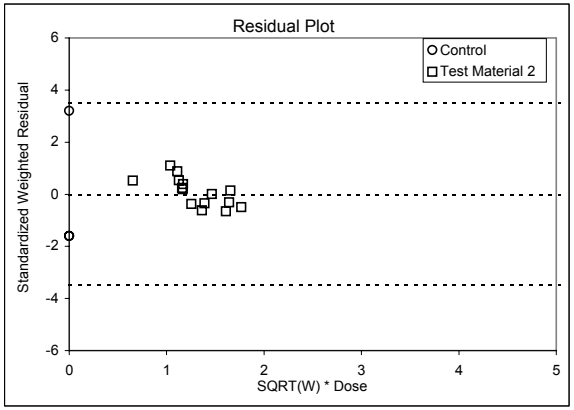

Summary of Fitting[a]

Parameter	Estimate	Standard Error
a	6.35E+00	2.18E+00
b_r	2.46E+00	5.20E-01
b_{t1}	2.15E+00	4.29E-01
b_{t2}	1.93E+00	3.87E-01
Covariance (b_r,b_{t1})	0.0023	--
Covariance (b_r,b_{t2})	0.0027	--
Degrees of Freedom	45	--

[a] $y = a + b_r \cdot x_r + b_{t1} \cdot x_{t1} + b_{t2} \cdot x_{t2}$

ANOVA

Source	SSE	DF	MSE
Fit	288.35	3	96.12
Error	175.91	44	4.00
Total	464.26	47	9.88

Statistic	Estimate
F	24.042
p	< 0.001
Adjusted R^2	0.5953

RBA and Uncertainty

	Test Material 1	Test Material 2
RBA	0.87	0.78
Lower bound[b]	0.53	0.47
Upper bound[b]	1.47	1.32
Standard Error[b]	0.254*	0.228*

[b] Calculated using Fieller's theorem

* g ≥ 0.05, estimate is uncertain

FIGURE 1.2b LIVER LEAD DOSE-RESPONSE: BV-01 (Outliers Excluded)

Reference Material (Lead Acetate)

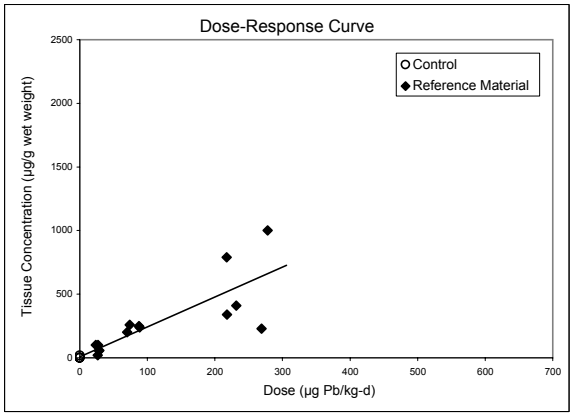

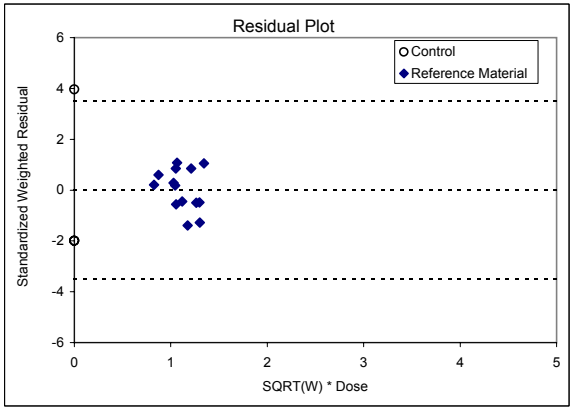

Test Material 1 (TM1)

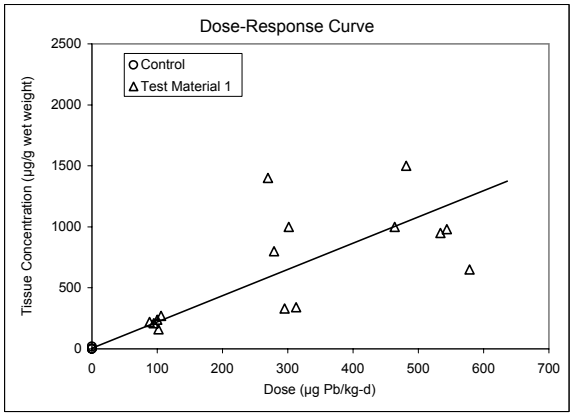

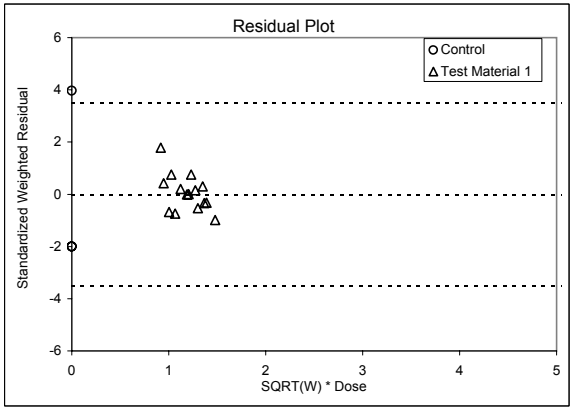

Test Material 2 (TM2)

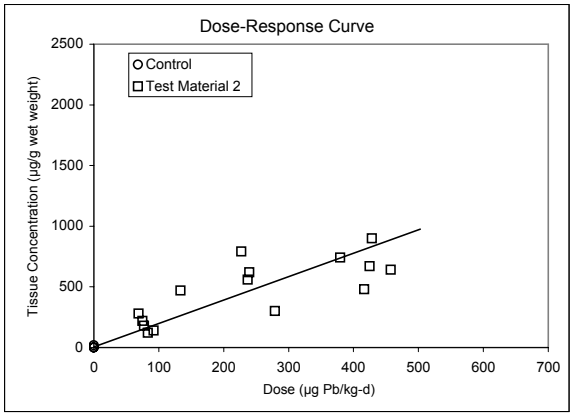

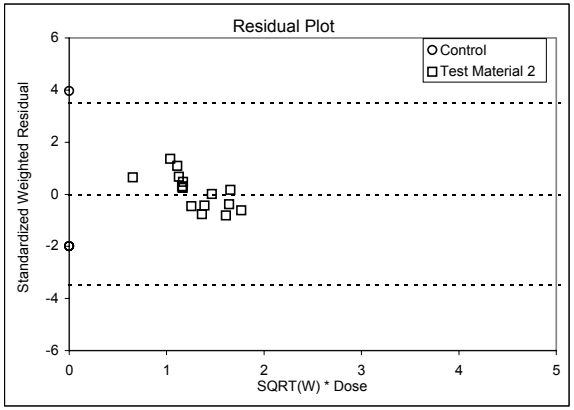

Summary of Fitting[a]

Parameter	Estimate	Standard Error
a	6.37E+00	1.75E+00
b_r	2.36E+00	3.82E-01
b_{t1}	2.15E+00	3.45E-01
b_{t2}	1.93E+00	3.11E-01
Covariance (b_r,b_{t1})	0.0023	--
Covariance (b_r,b_{t2})	0.0027	--
Degrees of Freedom	44	--

[a] $y = a + b_r \cdot x_r + b_{t1} \cdot x_{t1} + b_{t2} \cdot x_{t2}$

ANOVA

Source	SSE	DF	MSE
Fit	296.94	3	98.98
Error	111.15	43	2.58
Total	408.09	46	8.87

Statistic	Estimate
F	38.291
p	< 0.001
Adjusted R^2	0.7086

RBA and Uncertainty

	Test Material 1	Test Material 2
RBA	0.91	0.82
Lower bound[b]	0.62	0.55
Upper bound[b]	1.36	1.22
Standard Error[b]	0.208*	0.187*

[b] Calculated using Fieller's theorem

* g ≥ 0.05, estimate is uncertain

FIGURE 1.3 KIDNEY LEAD DOSE-RESPONSE: BV-01 (All Data)

Reference Material (Lead Acetate)

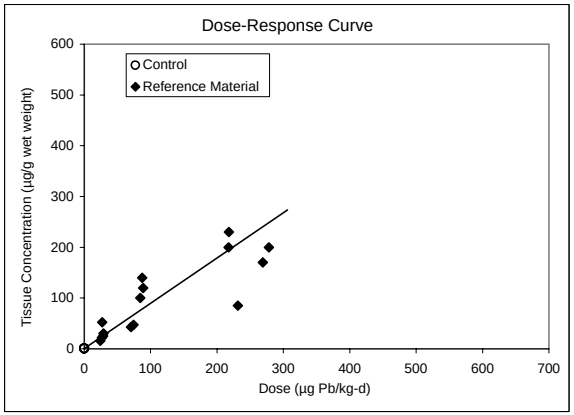

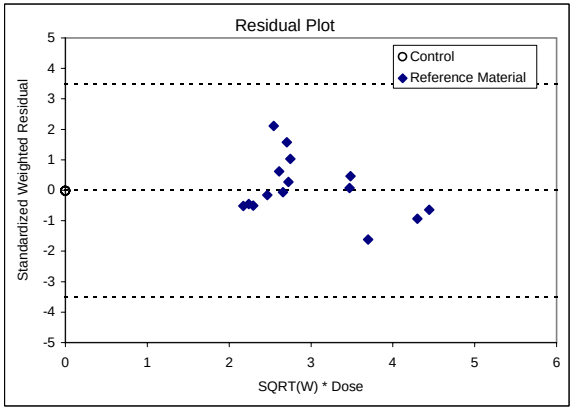

Test Material 1 (TM1)

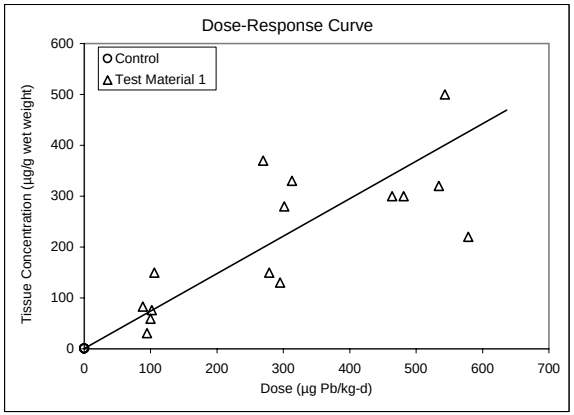

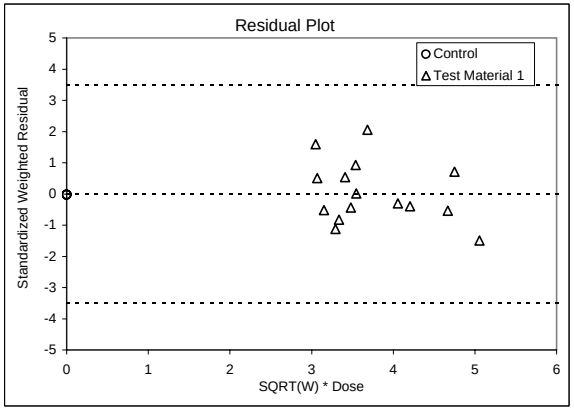

Test Material 2 (TM2)

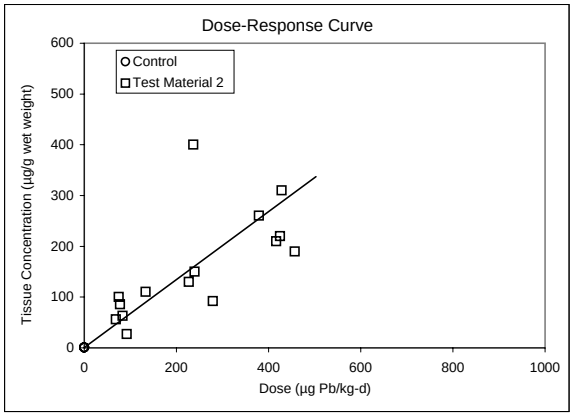

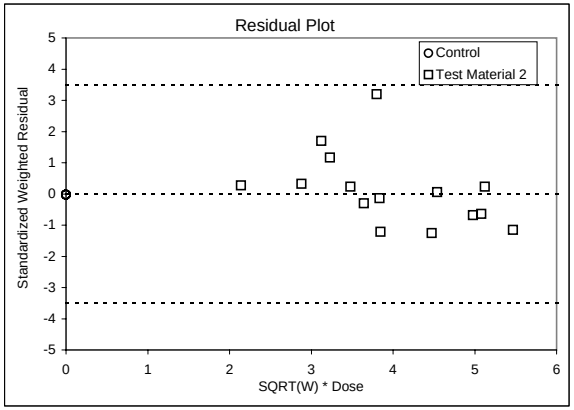

Summary of Fitting[a]

Parameter	Estimate	Standard Error
a	5.05E-01	1.46E-01
b_r	8.93E-01	1.06E-01
b_{t1}	7.37E-01	8.51E-02
b_{t2}	6.69E-01	7.93E-02
Covariance (b_r,b_{t1})	0.0001	--
Covariance (b_r,b_{t2})	0.0002	--
Degrees of Freedom	45	--

[a] $y = a + b_r \cdot x_r + b_{t1} \cdot x_{t1} + b_{t2} \cdot x_{t2}$

ANOVA

Source	SSE	DF	MSE
Fit	340.85	3	113.62
Error	69.18	44	1.57
Total	410.03	47	8.72

Statistic	Estimate
F	72.265
p	< 0.001
Adjusted R^2	0.8198

RBA and Uncertainty

	Test Material 1	Test Material 2
RBA	0.83	0.75
Lower bound[b]	0.62	0.56
Upper bound[b]	1.10	1.00
Standard Error[b]	0.137	0.126

[b] Calculated using Fieller's theorem

FIGURE 1.4 FEMUR LEAD DOSE-RESPONSE: BV-01 (All Data)

Reference Material (Lead Acetate)

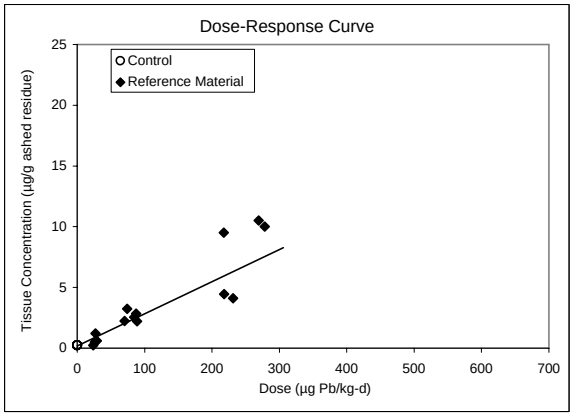

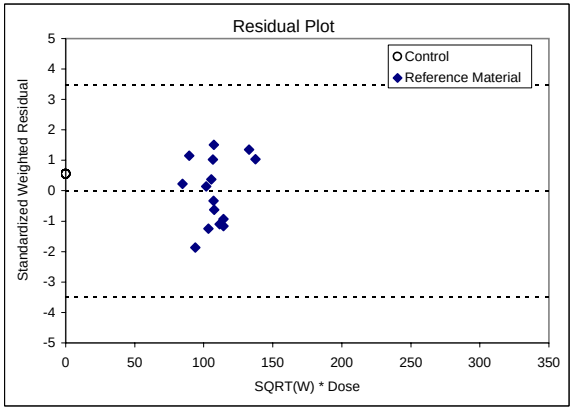

Test Material 1 (TM1)

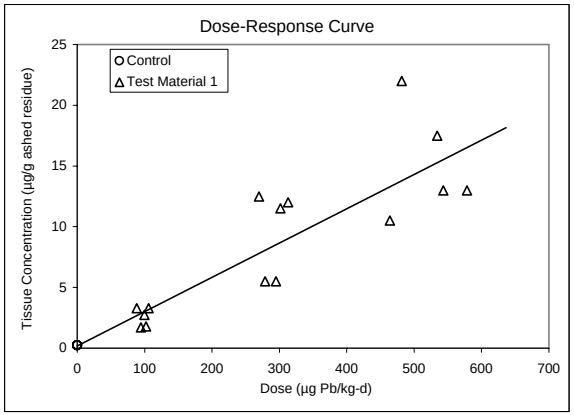

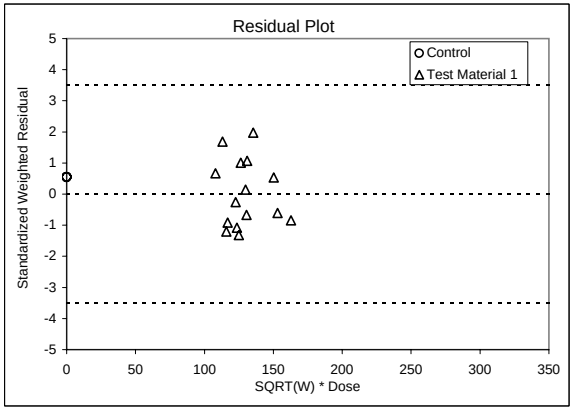

Test Material 2 (TM2)

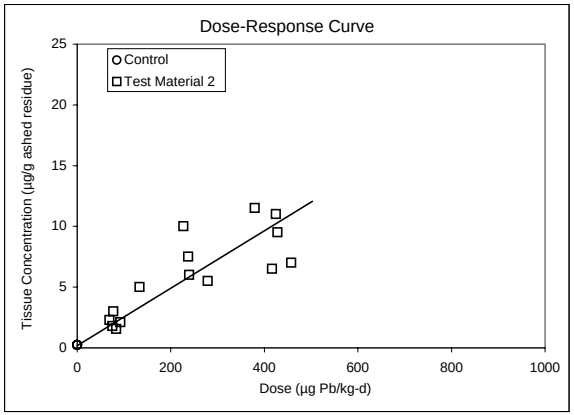

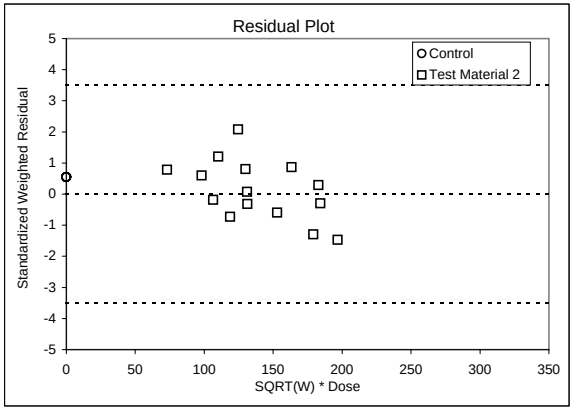

Summary of Fitting[a]

Parameter	Estimate	Standard Error
a	1.74E-01	7.55E-02
b_r	2.65E-02	3.15E-03
b_{t1}	2.83E-02	2.43E-03
b_{t2}	2.37E-02	2.22E-03
Covariance (b_r,b_{t1})	0.0587	--
Covariance (b_r,b_{t2})	0.0679	--
Degrees of Freedom	45	--

[a] $y = a + b_r \cdot x_r + b_{t1} \cdot x_{t1} + b_{t2} \cdot x_{t2}$

ANOVA

Source	SSE	DF	MSE
Fit	431.99	3	144.00
Error	64.69	44	1.47
Total	496.67	47	10.57

Statistic	Estimate
F	97.944
p	< 0.001
Adjusted R^2	0.8609

RBA and Uncertainty

	Test Material 1	Test Material 2
RBA	1.07	0.89
Lower bound[b]	0.85	0.70
Upper bound[b]	1.37	1.15
Standard Error[b]	0.152	0.131

[b] Calculated using Fieller's theorem

B-4. *In Vitro* Bioaccessibility of Lead in Soil and Dust

- Drexler 2004
- *In vitro* bioaccessibility results for soil
- *In vitro* bioaccessibility results for dust

Laboratory Report: Results and QA/QC For In Vitro Bioassay Results using the Relative Bioavailability Leaching Procedure (RBLP)

Omaha Lead Site

For
USEPA Region 7

By
Dr John W. Drexler
Department of Geological Sciences
University of Colorado
Boulder, CO 80309

1.0 Introduction

In February, 2004 Black and Vetch, Inc., on behalf of U.S. Environmental Protection Agency (USEPA) shipped the Laboratory for Environmental and Geological Studies (LEGS), at the University of Colorado soils from the Omaha Lead Site to undertake a bioavailability study. In response to this an in vitro bioassay was conducted to determine relative lead bioavailability . Samples were acquired from the community by representatives of Black and Vetch on behalf of the USEPA. Results of that study are summarized in Table 1.1 and all raw data are supplied.

In addition, a set of 61 samples from the EPA speciation report entitled "THE SOURCE OF ANOMALOUS LEAD CONCENTRATIONS IN SOILS FROM THE OMAHA COMMUNITY--- OMAHA, NEBRASKA, September 22, 2002 are included in Table 1. 2 to provide a more comprehensive estimate of relative bioavailability across the site.

TABLE 1. Preliminary Summary Of In Vitro Bioassay Results

Sample	ID	Pb in bulk soil mg/kg	mass soil (g)	calc Pb #1	ICP Pb (mg/l)	solution amt (l)	% Relative Pb Bioavailability
13271		1303.286	1.00518	1.31	12.12818	0.1	93
18343		664.6751	1.00613	0.67	5.17	0.1	77
22258		858.0319	1.00652	0.86	6.421	0.1	74
22412		1172.359	1.0059	1.18	11.343	0.1	96
29478		259.2703	1.00657	0.26	2.008	0.1	77
33449		1114.666	1.00037	1.12	9.888775	0.1	89
34544		1432.589	1.0035	1.44	12.07975	0.1	84
36276		206.2425	1.00811	0.21	1.510855	0.1	73
37666		697.0887	1.00763	0.70	5.618096	0.1	80
38573		1362.08	1.00085	1.36	10.53043	0.1	77
38775		860.9752	1.01228	0.87	6.82711	0.1	78
40182		498.2988	1.00679	0.50	3.50987	0.1	70
40299		929.7609	1.00629	0.94	7.451902	0.1	80
41449		964.4801	1.00741	0.97	8.420272	0.1	87
41488		465.823	1.00255	0.47	3.844448	0.1	82
44481		85.14883	1.00933	0.09	0.808408	0.1	94
44837		509.5865	1.00546	0.51	4.312079	0.1	84
47483		605.1829	0.9607	0.58	4.615424	0.1	79
47618		384.7143	1.524	0.59	2.91381	0.1	50
QA/QC							
blank-proc					0.003887		
blank-spk(10 ppm)					9.6669		
blank-proc					0.003456		
blank-spk(10 ppm)					9.7445		
47618-spk(10ppm)			1.00611		12.57789		
47483-AD		605.1829	0.9607	0.58	4.58444	0.1	79
44481 spk(10ppm)			1.00276		10.40966		
29478-dup		259.2703	1.01052	0.26	2.015063	0.1	77
22258-DUP		858.0319	1.00435	0.86	6.548	0.1	76
NIST2710		5508.907	1.00944	5.56	43.16877	0.1	78

Table 1.2. Relative Bioavailability Estimates for Omaha Samples.

Run at 1.5pH for 1 hr @ 39*c

Lab ID.	Sample ID	Pb in bulk soil (mg/kg)	mass soil (g)	calc Pb #1	ICP Pb (mg/l)	solution amt (l)	% Pb RBA
Plant							
OM-1	AZZSGPZA12565	1287	1.00513	1.29	9.747	0.1	75
OM-2	AZZSGPZA12566	144079	1.0046	144.74	1100.08	0.1	76
OM-3	AZZSGPZA12568	4273	1.00384	4.29	31.829	0.1	74
OM-4	AZASGPZZ12553	45337	1.00731	45.67	367.6	0.1	80
OM-5	ASASGPZZ12544	50036	1.00747	50.41	430.68	0.1	85
OM-6	AZCESGPZZ12552	13970	1.00634	14.06	97.67	0.1	69
OM-7	AZZSGPZA12569	4733	0.98423	4.66	35.664	0.1	77
OM-8	AZASGPZZ12557	103509	1.00971	104.51	844.12	0.1	81
OM-9	AZZSGPZA12563	38260	0.99034	37.89	321.42	0.1	85
OM-10	AZCESPGZZ12551	7129	1.00357	7.15	56.409	0.1	79
OM-11	AZCESGPZZ12550	61268	1.00783	61.75	456.42	0.1	74
OM-12	AZZSGPZA12582	106665	1.00207	106.89	874.02	0.1	82
OM-13	AZZSGPZA12564	691	1.00543	0.69	5.455	0.1	79
OM-14	AZCESGPZZ12548	14407	1.00486	14.48	106.40	0.1	73
OM-15	AZDSGPZZ12547	22088	1.00384	22.17	164.16	0.1	74
OM-16	AZZSGPZA12581	39190	1.00333	39.32	296.36	0.1	75
OM-17	AZZSGPZA12574	197206	1.0062	198.43	1043.7	0.1	53
OM-18	AZZSGPZA12573	96181	1.00832	96.98	769.88	0.1	79
OM-19	AZZSGPZA12571	5109	1.00265	5.12	46.78	0.1	91
OM-20	AZCSGPZZ12544	7958	1.00558	8.00	56.38	0.1	70
OM-21	AZZSGPZA12576	4201	1.00644	4.23	37.24	0.1	88
OM-22	AZZSGPZA12575	42220	1.00736	42.53	356.84	0.1	84
OM-23	AZCSSGPZZ12543	8601	1.0089	8.68	58.245	0.1	67
OM-24	AZDSGPZZ12541	528	1.00782	0.53	5.647	0.1	106
OM-25	AZCNSGPZZ12542	52961	1.00557	53.26	416.267	0.1	78
Community soils							
5083DZ		2389	1.00242	2.39	23.199	0.1	97
5083 B1		2220	1.00089	2.22	21.358	0.1	96
5082 B1		808	1.00187	0.81	7.251	0.1	90
5080 B2		567	1.00576	0.57	4.65	0.1	82
5048 B2		514	1.00657	0.52	3.921	0.1	76
5079 B2		2010	1.0033	2.02	15.405	0.1	76
5081 F2		693	1.0002	0.69	6.024	0.1	87
5046 DZ		1973.744	1.00357	1.98	17.71	0.1	89
5046 B1		394.23062	1.0022	0.40	3.124	0.1	79
5063 F2		1184.4449	1.0014	1.19	10.44	0.1	88
5061 F2		568.39369	1.0058	0.57	4.69	0.1	82
5058 F2		586.06163	1.0012	0.59	4.90	0.1	84
5044 B1		432.9642	1.0048	0.44	3.62	0.1	83
5055 F1		630.97309	1.0037	0.63	5.17	0.1	82
5088 F2		636.87574	1.0011	0.64	5.18	0.1	81
5034 B1		490.73448	1.0036	0.49	4.50	0.1	91
5017 F1		944.56151	1.0002	0.94	8.10	0.1	86
5086 B1		986	1.0017	0.99	8.80	0.1	89
5087 G		978.31268	1.0065	0.98	7.91	0.1	80
5060 B2		1939.596	1.0002	1.94	17.36	0.1	89
5020 B2		805.85158	1.0073	0.81	6.44	0.1	79
5098 B2		62.707758	1.0062	0.06	0.41	0.1	64
5008 B1		647.10847	1.0040	0.65	5.69	0.1	88
5056 F2		878.71722	0.9988	0.88	7.98	0.1	91
5030 B1		131.19293	1.0065	0.13	1.01	0.1	76
5007 F2		520.6223	1.0007	0.52	4.54	0.1	87
5059 B1		793.9715	1.0064	0.80	7.4	0.1	93
5041 B1		124.74159	1.0068	0.13	1.1	0.1	87
Gould "Park"							
	Loc#1	5546	1.0000	5.55	42.6	0.1	77
	Loc#2	8219	1.0028	8.24	62.8	0.1	76
	Loc#3 6-9"	3645	1.0051	3.66	26.7	0.1	73
	Loc#3 10-15'	599	1.0038	0.60	3.0	0.1	51
	Loc#4	2508	1.0018	2.51	19.1	0.1	76
	Loc#5 10-12'	16636	1.0057	16.73	144.7	0.1	86
	Loc#7 5-8'	4368	1.00	4.38	32.0	0.1	73
	Loc#7 9-11'	1353	1.00157	1.36	9.2	0.1	68
QA/QC							
BLANK					0.082		
BLANK					0.029		
BLANK					0.022		
BLANK					0.006		
BLANK					0.048		
BLANK					0.038		
BLANK					0.014		
OM-4-AD		45337	1.00731	45.67	377.12	0.1	83
5007 F2-AD		520.6223	1.0007	0.52	4.51	0.1	87
OM-6-DUP		13970	1.00457	14.03	105.112	0.1	75
OM-24-DUP		528	1.00392	0.53	5.522	0.1	104
5020 B2-DUP		805.85158	1.0013	0.81	6.59	0.1	82
5020 B2-DUP		805.85158	1.0013	0.81	6.44	0.1	80
5046 B1-DUP		394.23062	1.00501	0.40	3.154	0.1	80
5046 B1-DUP		394.23062	1.00501	0.40	3.29	0.1	83
5020 B2-DUP-spike-20ppm					27.30		
5046 B1-DUP-spike-10ppm					13.79		
BLANK-spike-10ppm					11.301		

AD= Analytical duplicate

2.0 In Vitro Standard Operating Procedure

2.1 Background

An increasingly important property of contaminated media found at environmental sites is the bioavailabilty of individual contaminants. Bioavailability is the fraction of a contaminant that is absorbed by an organism via a specific exposure route. Many animal studies have been conducted to experimentally determine oral bioavailability of individual metals, particularly lead and arsenic. During the period 1989-97, a juvenile swine model developed by USEPA Region VIII was used to predict the relative bioavailability of lead and arsenic in approximately 20 substrates (Weis and LaVelle 1991; Weis et al. 1994). The bioavailability determined was relative to that of a soluble salt (i.e. lead acetate trihydrate). The tested media had a wide range of mineralogy, and produced a range of lead and arsenic bioavailabilty values. In addition to the swine studies, other animal models (e.g. rats and monkeys) have been used for measuring the bioavailabilty of lead and arsenic from soils and paint.

Several researchers have developed in vitro tests to measure the fraction of a chemical solubilized from a soil sample under simulated gastrointestinal conditions. The in vitro tests consist of an aqueous fluid, into which the contaminant is introduced. The solution than solubilizes the media under simulated gastric conditions. Once this procedure is complete, the solution is analyzed for lead concentrations. The mass of the lead found in the filtered extract is compared to the mass introduced into the test. The fraction liberated into the aqueous phase is defined as the bioavailable fraction of lead or arsenic in that media. To date, for lead-bearing materials tested in the USEPA swine studies, this in vitro assay has correlated well ($R^2 = 0.93$, $p = .0001$), Figure 2.1.1, with relative bioavailability. Arsenic results are still in review and data should be considered for screening purposes only at this time.

Further background on the development and validation of in vitro test systems for estimating lead and arsenic bioaccessibility can be found in; Ruby et al. (1993, 1996); Medlin (1972); Medlin and Drexler, 1997; Drexler, 1998; and Drexler et al., 2004. Background information for the USEPA swine studies may be found in (Weis and LaVelle, 1991; Weis et al. 1994; and Casteel et al., 1997) and in the USEPA Region VIII Center in Denver, Colorado.

Figure 2.1.1

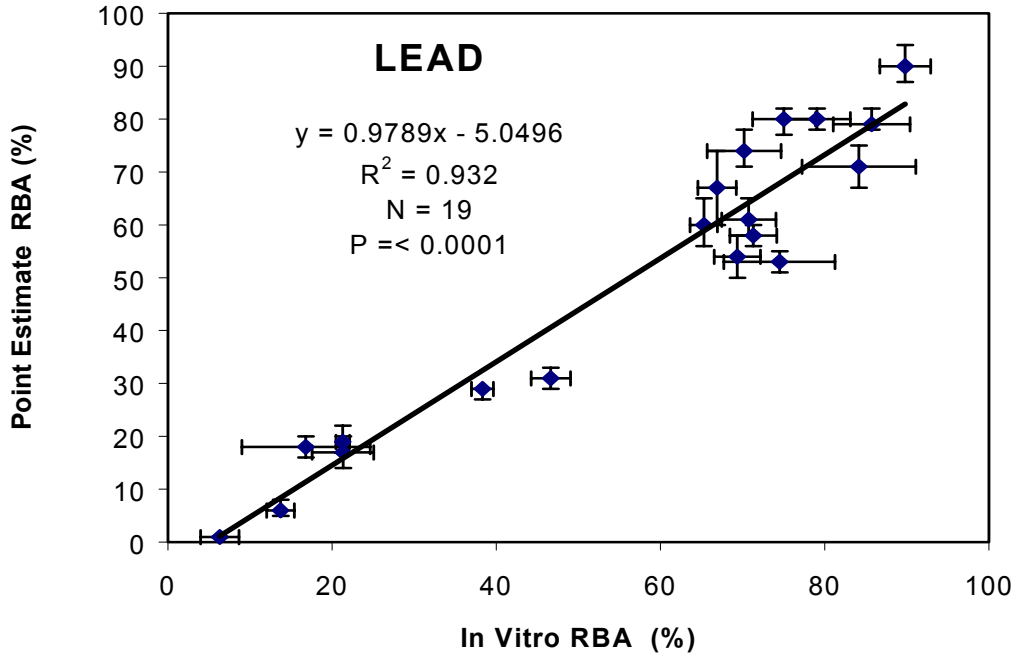
LEAD
y = 0.9789x - 5.0496
R2 = 0.932
N = 19
P =< 0.0001
Point Estimate RBA (%)
In Vitro RBA (%)
0
10
20
30
40
50
60
70
80
90
100
0
20
40
60
80
100

2.2 Sample Preparation

All media were prepared for the in vitro assay by first drying (<40 °C) all samples and then sieving to < 250 m. The <250 micron size fraction was used because this particle size is representative of that which adheres to children's hands. Samples were thoroughly mixed prior to use to ensure homogenization. Samples were archived after the study completion and retained for further analysis for a period of six months unless otherwise requested. Prior to obtaining a subsample for testing in this procedure, each sample was homogenized in its sample container by end-over-end mixing.

2.3 Apparatus and Materials

2.3.1 Equipment

The main piece of equipment required for this procedure is the extraction device. The device holds ten; 125 ml, wide-mouth, high-density polyethylene (HDPE) bottles. These were rotated within a Plexiglas tank by a TCLP extractor motor with a modified flywheel. The water bath must be filled such that the extraction bottles remained immersed. Temperature in the water bath was maintained at 37 +/- 2 °C using an immersion circulator heater (Fisher Scientific Model 730). The 125-ml HDPE bottles had an airtight screw-cap seal (Fisher Scientific #02-893-5C), and care was taken to ensure that the bottles did not leak during the extraction procedure.

2.3.2 Standards and Reagents

The leaching procedure for this method used an aqueous extraction fluid at a pH value of 1.5. The pH 1.5 fluid was prepared as follows:

Two liters of aqueous extraction fluid were prepared using ASTM Type II deionized (DI) water. The buffer was made up in the following manner. To 1.9 L of DI water, 60.06 g glycine (free base, reagent grade), were added bringing the solution volume to 2 L (0.4M glycine). The mixture was placed in the water bath at 37 °C until the extraction fluid reached 37 °C. The pH meter (using both a 2.0 and a 4.0 pH buffer for standardization) was standardized using temperature compensation at 37 °C or buffers maintained at 37 °C in the water bath. Trace metal grade, concentrated hydrochloric acid (12.1N) was added until the solution pH reached a value of 1.50 +/_ 0.05 (approximately 60 mL).

All reagents were free of lead and arseic, and the final fluid was tested to confirm that lead and arsenic concentrations were less than one-fourth the project required detection limit (PRDL) of 100 (less than 25 µg/L lead 5µg/L arsenic) in the final fluid.

Cleanliness of all materials used to prepare and/or store the extraction fluid and buffer is essential. All glassware and equipment used to prepare standards and reagents were properly cleaned, acid washed, and finally, triple-rinsed with deionized water prior to use. When possible, disposable "poly" tubes were used.

2.4 Leaching Procedure

100 +/- 0.5 mL of the extraction fluid was measured, using a graduated cylinder, and transfered to a 125 mL wide-mouth HPDE bottle. 1.00 +/- 0.5 g of test substrate (<250 m) was added to the bottle, ensuring that static electricity did not cause soil particles to adhere to the lip or outside threads of the bottle. If necessary, an antistatic brush was used to eliminate static electricity prior to adding the media. The mass of substrate added to the bottle was recorded. Each bottle top was hand tightened and shaken/inverted to ensure that no leakage occurred, and that no media was caked on the bottom of the bottle.

The bottle was placed into the modified TCLP extractor, making sure each bottle was secure and the lid(s) were tightly fastened. The extractor was filled with 125 mL bottles containing test material or QA samples.

The temperature of the water bath was 37 +/- 2 °C.

The extractor was turned on and rotated end-over-end at 30 +/- 2 rpm for 1 hour. The start time of rotation was recorded.

When extraction (rotation) was complete, the extractor rotation was immediately stopped and the bottles were removed. They were then wiped dry and placed upright on the bench top.

Extract was removed directly from the reaction vessel into a disposable 20 cc syringe with a Luer-Lok attachment. A 0.45 µm cellulose acetate disk filter (25 mm diameter) was attached to the syringe, and the extract was filtered into a clean 15 mL polypropylene centrifuge tube (labeled with sample ID) or other appropriate sample vial for analysis.

The time that the extract was filtered was recorded (i.e. extraction was stopped). If the total time elapsed was greater than 1 hour 30 minutes, the test was repeated.

The pH of the remaining fluid was measured in the extraction bottle. If the fluid pH was not within +/- 0.5 pH units of the starting pH, the test was discarded and the sample reanalyzed as follows:

If the pH had changed more than 0.5 units, the test was re-run in an identical fashion. If the second test also resulted in a decrease in pH of greater than 0.5 s.u. this was recorded, and the extract filtered for analysis. If the pH had increased by 0.5 s.u. or more, the test was repeated, but the extractor stopped at specific intervals and the pH manually adjusted down to pH of 1.5 with dropwise addition of HCl (adjustments at 5, 10, 15, and 30 minutes into the extraction, and upon final removal from the water bath { 60 min}). Samples with rising pH values might better be run following the method of Medlin, 1997.

Filtered samples were stored in a refrigerator at 4 °C until analyzed. Analysis for lead and arsenic concentrations occurred within 1 week of extraction for each sample.

In general, extracts were analyzed for lead and arsenic, following EPA methods 6010B, 6020, or 7061A.

2.5 Quality Control/Quality Assurance

Quality Assurance for the extraction procedure consisted of a series of quality control samples. Controls, control limits and corrective actions are listed in Table 2.5.1 .

Table 2.5.1.

	Analysis Frequency	Control Limits	Corrective Actions
Reagent Blank	once per batch	< 25 Φg/L lead	Make new fluid and re-run all analyses.
Bottle blank	1 in 10	<50 Φg/L lead	Check calibration and re-analyze as necessary.
Blank spike*	1 in 10	85-115% recovery	Check calibration and/or source of contamination and re-analyze.
Matrix spike*	1 in 20	75-125% recovery	Flag
Duplicate sample	1 in 20	+/- 20% RPD**	Flag
Control soil***	1 in 25	+/- 10% RPD	Flag

- Spikes contained 10 mg/L lead . ** RPD= relative percent difference.
- *** The National Institute of Standards and Technology (NIST) Standard Reference Material (SRM) RPD is based upon mean RBA-lead values of 84% and 75% for MS2711 and MS2710, respectively.

3.0 Bulk Soil Analyses

Analysis of the <250 μ soil sample was carried out using Good Laboratory Practice (GLP) protocols. Samples were digested following EPA Method 3050B. Analysis of the digest was similar to EPA Methods 6020 A or B, but with somewhat reduced QA/QC. Controls, control limits and corrective actions are listed in Table 3.0.1. Initial calibration was based on a 4- point calibration curve with a minimum 0.999 R^2 value.

	Analysis Frequency	Control Limits	Corrective Actions
Method Blank	once per run	25 Φg/L lead	Check calibration and/or source of contamination and re-analyze all samples.
IVC Initial Calibration Verification	once per run	90-110% recovery	Check calibration and start run over.
Interference Check	once per run	90-110% recovery	Flag
Matrix spike*	1 in 20	75-125% recovery	Flag
CCV Continuing Calibration Verification	1 in 10	90-110% recovery	Check calibration and re-analyze preceding samples.
Duplicate sample	1 in 20	+/- 20% RPD	Flag

* Spikes contained 500 mg/L lead

4.0 Chain-of-Custody Procedures

All media once received by the Laboratory were maintained under standard chain-of-custody. Samples were maintained within secured facilities, with limited access, for 60 days post laboratories final report.

5.0 Data Handling and Verification

All sample and fluid preparation calculations and operations were recorded on data sheets. Finally, all key data were entered into EXCEL spreadsheets for final delivery and calculation of percent relative bioavailability.

6.0 Data Evaluation

Data evaluation is based on in vitro analyses from the current set of samples, not historical samples that have been added to this report for comprehensiveness. Bulk soil analyses met or exceeded all required QA/QC and therefore no corrective action was necessary. Results are summarized below.

3050B	**Analysis Frequency**	**Control Limits**	**Corrective Actions**
Method Blank	1 Method blank run	<3 Φg/L lead no values above limit.	None
IVC Initial Calibration Verification	once per run	99% recovery	None
Interference Check	once per run	99% recovery	None
CCV Continuing Calibration Verification	2 CCV run	98-99% recovery	None
Matrix spike	2 matrix spike run	98-99% recovery-Pb	None
Duplicate sample	2 duplicates run	3-9% RPD-Pb	None

RBLP analyses did meet all QA/QC and no corrective action is suggested.

RBLP	Analysis Frequency	Control Limits	Corrective Actions
Reagent Blank	0ne Reagent Blank	<1 Φg/L lead	None
Bottle blank	1 blank run	<1 Φg/L lead	None
Blank spike	2 blank spikes run	98-99% recovery	None
Matrix spike	2 matrix spikes run	96-97% recovery	None
Duplicate sample	2 duplicates run	1-2% RPD	None
Control soil	1 control run	4% RPD	None

7.0 References

Casteel, S.W., R.P. Cowart, C.P. Weis, G.M. Henningsen, E.Hoffman and J.W. Drexler, 1997. Bioavailability of lead in soil from the Smuggler Mountain site of Aspen Colorado. Fund. Appl. Toxicol. 36: 177-187.

Drexler, J.W., 1998. An in vitro method that works! A simple, rapid and accurate method for determination of lead bioavailability. EPA Workshop, Durham, NC..

Drexler, J.W., Weis, C,P., W. Brattin, 2004. Lead Bioavailability: A Validated in vitro method. Fund. Appl. Toxicol. (In Prep).

Medlin, E., and Drexler, J.W., 1995. Development of an in vitro technique for the determination of bioavalability from metal-bearing solids., International Conference on the Biogeochemistry of Trace Elements, Paris, France.

Medlin, E.A., 1997, An In Vitro method for estimating the relative bioavailability of lead in humans. Masters thesis. Department of Geological Sciences, University of Colorado, Boulder.

Ruby, M.W., A. Davis, T.E. Link, R. Schoof, R.L. Chaney, G.B. Freeman, and P. Bergstrom. 1993. Development of an in vitro screening test to evaluate the in vivo bioaccessability of ingested mine-waste lead. Environ. Sci. Technol. 27(13): 2870-2877.

Ruby, M.W., A. Davis, R. Schoof, S. Eberle. And C.M. Sellstone. 1996 Estimation of lead and arsenic bioavailbilty using a physiologically based extraction test. Environ. Sci. Technol. 30(2): 422-430.

Weis, C.P., and J.M. LaVelle. 1991. Characteristics to consider when choosing an animal model for the study of lead bioavailability. In: Proceedings of the International Symposium on the Bioavailability and Dietary Uptake of Lead. Sci. Technol. Let. 3:113-119.

Weis, C.P., R.H., Poppenga, B.J. Thacker, and G.M. Henningsen, 1994. Design of parmacokinetic and bioavailability studies of lead in an immature swine model. In: Lead in paint, soil, and dust: health risks, exposure studies, control measures, measurement methods, and quality assurance, ASTM STP 1226, M.E. Beard and S.A. Iske (Eds.). American Society for Testing and Materials, Philadelphia, PA, 19103-1187.

Figure 1
Omaha Lead Site
In Vitro Sample Locations

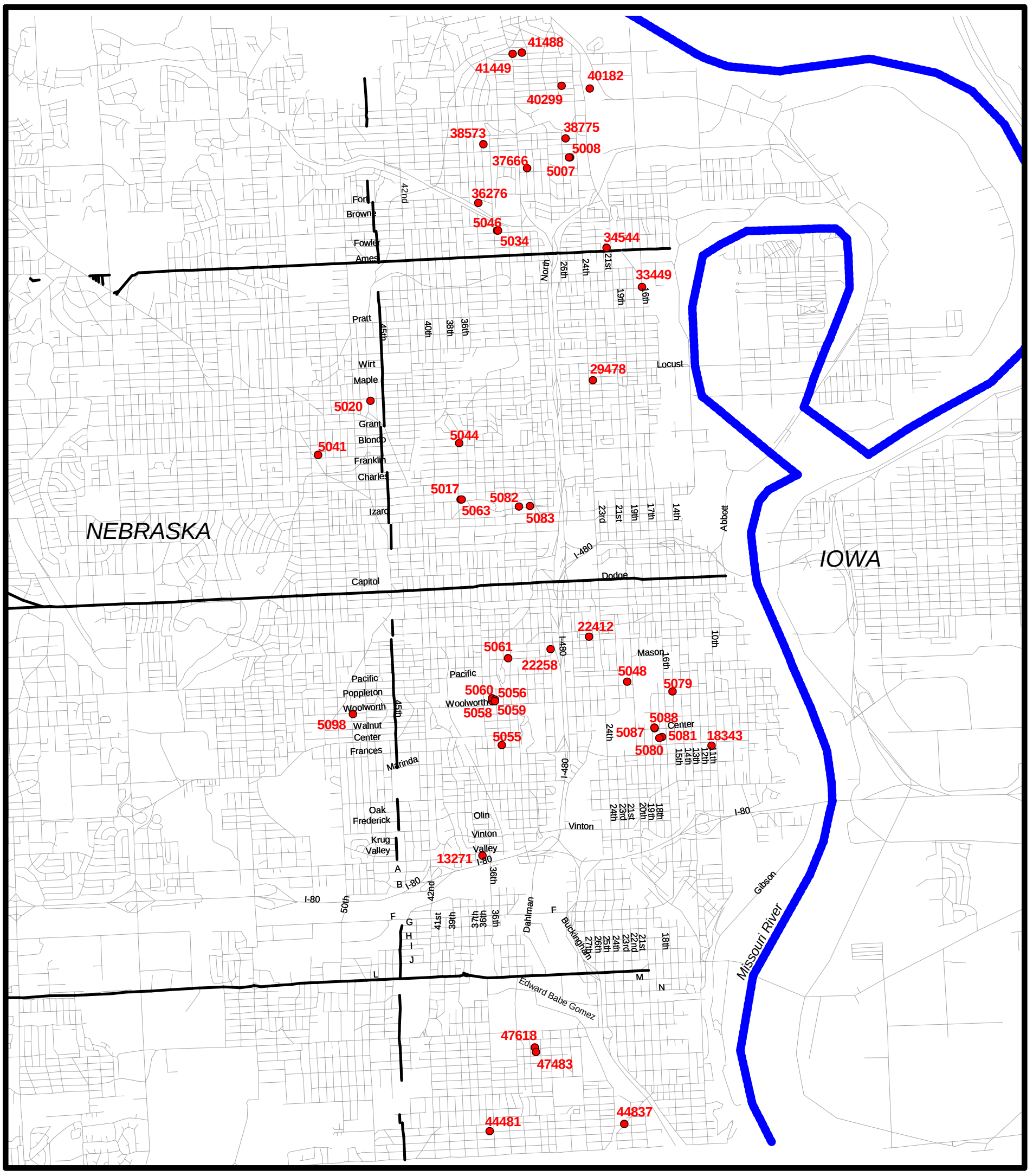

LEGEND

- In Vitro Sample
- Roads
- State Line

Resident properties for which access has been granted have been sampled.

N

1000 0 1000 2000 3000 Feet

IVBA Results for Lead in Soil

IVBA AND ESTIMATED RBA RESULTS:

Index	Sample ID	Concentration (Fine Fraction) (mg/kg) [2]	IVBA [1]	Estimated RBA [1,2]	Outlier? [3]
1	5083 DZ	2,568	90%	76%	
2	5083 B1	6,193	34%	27%	Yes
3	5082 B1	695	104%	89%	
4	5080 B2	480	96%	82%	
5	5048 B2	498	78%	66%	
6	5079 B2	1,717	89%	76%	
7	5081 F2	796	76%	64%	
8	5046 DZ	2,785	63%	53%	
9	5046 B1	399	78%	66%	
10	5063 F2	1,524	68%	57%	
11	5061 F2	503	93%	79%	
12	5058 F2	490	100%	85%	
13	5044 B1	419	86%	73%	
14	5055 F1	669	77%	65%	
15	5088 F2	746	69%	58%	
16	5034 B1	514	87%	74%	
17	5017 F1	1,040	78%	66%	
18	5086 B1	787	112%	95%	
19	5087 G	1,188	66%	55%	
20	5060 B2	2,214	78%	66%	
21	5020 B2	941	68%	57%	
22	5098 B2	58	70%	59%	
23	5008 B1	524	108%	92%	
24	5056 F2	2,251	35%	28%	Yes
25	5030 B1	133	75%	63%	
26	5007 F2	534	85%	72%	
27	5059 B1	743	99%	84%	
28	5041 B1	134	82%	69%	
29	13271	1,303	93%	79%	
30	18343	664	77%	65%	
31	22258	858	74%	62%	
32	22412	1,172	96%	82%	
33	29478	259	77%	65%	
34	33449	1,115	89%	75%	
35	34544	1,433	84%	71%	
36	36276	206	73%	61%	
37	37666	697	80%	67%	
38	38573	1,362	77%	65%	
39	38775	861	78%	66%	
40	40182	498	70%	59%	
41	40299	930	80%	67%	
42	41449	964	87%	73%	
43	41488	466	82%	69%	
44	44481	85	94%	80%	
45	44837	510	84%	71%	
46	47483	605	79%	67%	
47	47618	385	75% [4]	63%	

Source: Drexler (2004 and 2008a).

IVBA = *In vitro* bioaccessibility

RBA = Relative bioavailability

[1] Note: The values shown in this table are different than originally reported in Drexler (2004). This is because the 2004 report was published before the ICP results for the concentrations of lead in the fine fraction (<250 µm) were available, so the initial IVBA estimates were based on XRF estimates of lead in the bulk fraction (<2 mm) (Drexler 2008a, personal communication).

[2] RBA estimated in accord with USEPA (2007a): $[RBA] = 0.878 \cdot [IVBA] - 0.028$

[3] Identified using Rosner's Test for Outliers (Gilbert 1987).

[4] Corrected value, based on personal communication with Drexler (2008a).

IVBA Results for TM1 and TM2 (SOILS USED *IN VIVO* TESTING)

Sample ID	Replicate	Concentration of Lead in Soil (fine fraction) (mg/kg)	Mass of Soil (g)	Mass of Lead (mg)	Concentration of Lead in Extract (mg/L)	Volume	IVBA	ESTIMATED RBA
TM1	1	2003	1.00696	2.017	18.499	0.1	92%	78%
	2	2003	1.01117	2.025	17.782	0.1	88%	74%
	3	2003	1.00527	2.014	18.025	0.1	90%	76%
TM2	1	1613	1.0123	1.633	13.74	0.1	84%	71%
	2	1613	1.00513	1.621	13.463	0.1	83%	70%
	3	1613	1.00095	1.615	13.715	0.1	85%	72%

IVBA Results for Lead in Indoor Dust

IVBA AND ESTIMATED RBA RESULTS:

Index	Sample ID	Concentration (fine fraction) (mg/kg)	IVBA	RBA [1]	Outlier? [2]
1	3662-265	18.1	40%	32%	Yes
2	3662-275	259	64%	53%	
3	3662-254	65.8	66%	55%	
4	3662-225	67.3	67%	56%	
5	3662-236	270	67%	56%	
6	3662-205	233	68%	57%	
7	3662-235	159	68%	57%	
8	3662-249	124	70%	58%	
9	3662-213	499	71%	59%	
10	3662-215	58.3	71%	59%	
11	3662-206	331	71%	60%	
12	3662-284	152	72%	60%	
13	3662-204	246	72%	60%	
14	3662-289	634	73%	61%	
15	3662-201	32	73%	61%	
16	3662-216	56.2	73%	62%	
17	3662-269	33.9	74%	62%	
18	3662-203	101	75%	63%	
19	3662-202	158	75%	63%	
20	3662-252	106	77%	65%	
21	3662-288	151	78%	66%	
22	3662-246	178	79%	67%	
23	3662-238	206	79%	67%	
24	3662-285	930	80%	68%	
25	3662-272	144	80%	68%	
26	3662-214	224	81%	68%	
27	3662-207	174	81%	68%	
28	3662-295	13.2	81%	68%	
29	3662-264	354	83%	70%	
30	3662-292	374	83%	70%	
31	3662-240	319	83%	70%	
32	3662-274	159	84%	71%	
33	3662-227	176	84%	71%	
34	3662-296	784	85%	72%	
35	3662-293	153	85%	72%	
36	3662-217	3180	85%	72%	
37	3662-221	755	85%	72%	
38	3662-244	146	86%	73%	
39	3662-267	406	86%	73%	
40	3662-211	254	86%	73%	
41	3662-233	538	87%	73%	
42	3662-291	591	87%	73%	
43	3662-232	530	87%	74%	
44	3662-268	410	87%	74%	
45	3662-237	64.2	87%	74%	
46	3662-220	261	88%	74%	
47	3662-299	249	88%	74%	
48	3662-298	230	88%	74%	
49	3662-255	85.9	88%	75%	
50	3662-270	829	88%	75%	
51	3662-208	194	88%	75%	
52	3662-239	202	88%	75%	
53	3662-302	177	89%	75%	
54	3662-231	246	89%	75%	

IVBA Results for Lead in Indoor Dust

IVBA AND ESTIMATED RBA RESULTS:

Index	Sample ID	Concentration (fine fraction) (mg/kg)	IVBA	RBA [1]	Outlier? [2]
55	3662-229	181	89%	75%	
56	3662-241	705	89%	75%	
57	3662-210	206	90%	76%	
58	3662-222	354	90%	76%	
59	3662-247	264	90%	76%	
60	3662-245	35.5	90%	76%	
61	3662-223	74.8	90%	77%	
62	3662-287	242	91%	77%	
63	3662-209	3810	91%	77%	
64	3662-234	304	92%	78%	
65	3662-224	281	92%	78%	
66	3662-219	171	92%	78%	
67	3662-266	2720	93%	79%	
68	3662-263	44.9	94%	80%	
69	3662-282	420	94%	80%	
70	3662-262	441	94%	80%	
71	3662-297	271	95%	80%	
72	3662-294	446	95%	80%	
73	3662-290	374	95%	80%	
74	3662-228	216	95%	80%	
75	3662-283	527	95%	81%	
76	3662-261	106	96%	81%	
77	3662-251	306	96%	82%	
78	3662-242	527	96%	82%	
79	3662-212	200	97%	82%	
80	3662-243	187	99%	84%	
81	3662-257	193	100%	85%	
82	3662-277	259	100%	85%	
83	3662-218	9.44	102%	87%	
84	3662-301	686	102%	87%	
85	3662-281	128	103%	87%	
86	3662-300	69.1	103%	88%	
87	3662-258	94.6	103%	88%	
88	3662-276	372	109%	93%	
89	3662-250	98.4	113%	96%	
90	3662-260	758	115%	98%	
91	3662-259	1120	117%	100%	
92	3662-230	910	180%	155%	Yes
93	3662-253	289	261%	227%	Yes
94	3662-226	79.5	509%	444%	Yes

[1] RBA estimated in accord with USEPA (2007): $[RBA] = 0.878 \cdot [IVBA] - 0.028$

[2] Identified using Rosner's Test for Outliers (Gilbert 1987).

IVBA = *In vitro* bioaccessibility

RBA = Relative bioavailability

APPENDIX C

XRF Data Adequacy Evaluation

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APPENDIX C
XRF Data Adequacy Evaluation

1.0 OVERVIEW

Soil samples collected from the Omaha Lead Site (OLS) were analyzed for lead and other metals using X-ray Fluorescence Spectroscopy (XRF). Approximately 5% of these soil samples were also analyzed by Inductively Coupled Plasma Spectroscopy (ICP). Of these two methods, ICP is considered to be the most reliable, while XRF may be prone to measurement error and/or bias for some analytes.

In order to determine if the data obtained by XRF are reliable for use in the risk assessment, a data quality assessment of the XRF data was conducted. The evaluation approaches and the results are presented in the following sections.

2.0 METHODS FOR EVALUATING DATA QUALITY

The data adequacy evaluation approach is presented in Figure C-1, and is discussed below.

2.1 Detection Limit Evaluation

The first step in the data adequacy evaluation was to evaluate whether the XRF detection limit was adequate. In order for a detection limit to be considered adequate, either (1) the detection frequency had to be high (>80%), or (2) the detection limit had to be less than the concentration of potential concern to humans. The concentration of potential concern to humans is referred to as the Risk Based Concentration (RBC) or Preliminary Remediation Goal (PRG). RBC values were based on the Regional Screening Tables USEPA for residential soil screening levels (USEPA 2008), using a cancer risk of 1E-06 or a non-cancer Hazard Quotient (HQ) of 0.1, whichever was lower.

2.2 Correlation with ICP

If the XRF detection limit was considered adequate, the XRF data were then evaluated by assessing the strength of the correlation between the XRF values and the paired ICP values. If either the XRF or the ICP value was non-detect, the data pair was excluded from the correlation analysis. A minimum of 10 pairs of ICP/XRF data were required to perform the analysis.

The strength of the correlation was based on the R^2 value for the best fit straight line derived using ordinary linear regression. If the R^2 value was less than 0.7, it was concluded that the precision of the XRF method for analysis of that chemical was unacceptably low. The value of 0.7 is based on the USEPA Region VIII Superfund Technical Assessment and Response Team (START) Generic Quality Assurance Project Plan (QAPP) which specifies that XRF is usually considered adequate when the coefficient of determination is above 0.70 (UOS 1999).

3.0 RESULTS

Results presented in this section are based on the OLS soil database as it existed on 06/21/2007.

Table C-1 presents summary statistics for soil samples analyzed by XRF. As seen, there are XRF data for 22 different metals, although not all metals were analyzed in every sample. The most data are available for lead (N = 160,035), arsenic (N = 155,366) and zinc (N = 155,882).

Table C-2 shows summary statistics for soil samples analyzed by ICP. As seen, data are available for 25 different metals. As above, not all metals were analyzed in every sample. The most data are available for lead (N = 8099), with over 4000 samples for 11 other metals.

Table C-3 presents the list of metals evaluated by both XRF and ICP. Note that there are a number of metals evaluated by XRF that were not evaluated by ICP (rubidium, strontium, tin, titanium, uranium, and zirconium), and that there were a number of metals analyzed by ICP that were not evaluated by XRF (aluminum, beryllium, bismuth, calcium, magnesium, potassium, sodium, thallium, and vanadium).

3.1 Detection Frequency Evaluation

Table C-4 presents an evaluation of the XRF detection frequencies. Of the 22 chemicals analyzed by XRF, the detection frequency was considered adequate for only 9 analytes: iron, lead, manganese, rubidium, strontium, tin, titanium, zinc, and zirconium.

3.2 Correlation with ICP Concentrations

Figures C-2 through C-5 present the correlation of XRF and ICP concentrations for four of these chemicals (iron, lead, manganese, and zinc). As noted above, ICP analysis was not performed for the other 5 chemicals (rubidium, strontium, tin, titanium, and zirconium), so no correlation analysis can be performed for these analytes.

Table C-5 summarizes the results. The correlation of the XRF to the ICP data was first evaluated using the full data set. Based on this, data points whose studentized residual was more than 3 standard deviations were identified as potential outliers (Canavos 1984), and the analysis was repeated after exclusion of these data pairs. Examination of Table C-4 indicates that, of the 5 chemicals evaluated, two (lead and zinc) yielded R^2 value > 0.7.

3.3 Data Adequacy and Useability

Table C-6 combines the results of these three data quality evaluations and provides a conclusion of the overall adequacy of the XRF data. As shown, the results for only 2

analytes (lead and zinc) met the specified data quality criteria and are considered reliable for use in the risk assessment.

3.4 Adjustment of Useable XRF Data

Although the XRF data for lead and zinc are considered adequate for use, it is still necessary to adjust each XRF value to an estimated ICP-equivalent concentration to account for biases in the XRF data:

$$\text{ICP-equivalent} = a + b \cdot \text{XRF}$$

For lead, a detailed evaluation was performed to identify the best way to estimate the parameters for this adjustment. This evaluation is presented in Appendix F. In brief, the parameters were derived using the One Group (zero intercept approach) for a sub-set of the data where the concentration by ICP was = 1000 mg/kg). The results are presented in Figure C-6.

For zinc, data were not available to support an assessment similar to that performed for lead in Appendix F, so the parameters were derived using ordinary linear regression.

Table C-7 summarizes the parameters used to adjust XRF values to ICP-equivalent concentrations for lead and zinc.

4.0 REFERENCES

Canavos, G.C. 1984. Applied Probability and Statistical Methods. Little, Brown and Company, Boston.

UOS. 1999. Emergency Response Program (ERP) Generic Quality Assurance Project Plan (QAPP) for the Superfund Technical Assessment and Response Team (START), USEPA Region VIII. March 11.

USEPA. 2008. Regional Screening Level Tables. Residential Soil Screening Level Table (*ressoil_sl_table_run_12SEP2008.xls).* Available online at: http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm (accessed September 2008).

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Table C-1. XRF Concentration Summary Statistics (mg/kg)
Bulk Soil Fraction

ANALYTE	# Detects/ # Samples	Detection Frequency	Non-Detects			Detects			All		
			Avg	Min	Max	Avg	Min	Max	Avg	Min	Max
Antimony	223 / 78,072	0.3%	47	16	2,142	109	9	433	47	9	2,142
Arsenic	51,314 / 155,366	33.0%	14	2	270	36	4	3,330	21	2	3,330
Barium	5,459 / 51,479	10.6%	197	66	6,896	560	150	1,709	236	66	6,896
Cadmium	6,473 / 78,315	8.3%	24	9	1,057	52	2	194	26	2	1,057
Chromium	1,670 / 108,704	1.5%	125	26	2,985	3,186	5	1,602,400	172	5	1,602,400
Cobalt	37,489 / 99,309	37.7%	113	24	2,743	268	23	8,867	171	23	8,867
Copper	48,059 / 99,222	48.4%	27	6	442	40	2	17,783	34	2	17,783
Iron	99,883 / 99,888	100.0%	2,879	2,549	3,300	20,062	1,155	2,211,200	20,061	1,155	2,211,200
Lead	158,006 / 160,325	98.6%	19	3	378	336	10	52,995	332	3	52,995
Manganese	83,002 / 99,884	83.1%	512	30	2,702	493	82	103,900	496	30	103,900
Mercury	2,067 / 108,749	1.9%	9	1	324	41	1	6,746	10	1	6,746
Molybdenum	2,842 / 95,265	3.0%	4	1	141	30	1	17,245	5	1	17,245
Nickel	17,602 / 98,477	17.9%	31	7	685	323	7	599,650	84	7	599,650
Rubidium	99,670 / 99,849	99.8%	29	4	180	73	6	415	72	4	415
Selenium	237 / 108360	0.2%	4	1	111	30	1	833	4	1	833
Silver	84 / 78063	0.1%	24	7	753	107	2	2,718	24	2	2,718
Strontium	99832 / 99849	100.0%	19	5	46	137	10	3,224	137	5	3,224
Tin	18604 / 77381	24.0%	40	17	1,604	97	0	1,364	54	0	1,604
Titanium	77717 / 78123	99.5%	547	156	9,200	3,155	392	44,045	3,142	156	44,045
Uranium	19 / 2261	0.8%	14	4	68	31	24	38	14	4	68
Zinc	151663 / 155882	97.3%	33	7	516	306	16	12,701	299	7	12,701
Zirconium	99870 / 99885	100.0%	38	4	165	246	21	3,240	246	4	3,240

* Non-detects were evaluated at 1/2 the Quantitation limit

NA = value not available

Table C-2. ICP Concentration Summary Statistics (mg/kg)
Bulk Soil Fraction

ANALYTE	# Detects/ # Samples	Detection Frequency	Non-Detects			Detects			All		
			Avg	Min	Max	Avg	Min	Max	Avg	Min	Max
Aluminum	1,420 / 1,421	99.9%	2.1	2.1	2.1	5,949	891	18,400	5,945	2.1	18,400
Antimony	968 / 4,265	22.7%	2.2	0.4	5.5	5.9	0.9	200	3.0	0.4	200
Arsenic	4,596 / 5,003	91.9%	3.5	0.3	7.5	21	1.7	1,600	19	0.3	1,600
Barium	4,998 / 5,003	99.9%	0.8	0.1	1.0	251	20	3,360	251	0.1	3,360
Beryllium	1,517 / 4,931	30.8%	0.4	0.2	0.7	0.8	0.2	2.0	0.5	0.2	2.0
Bismuth	296 / 1,248	23.7%	1.0	0.3	2.5	3.9	1.0	80	1.6	0.3	80
Cadmium	3,309 / 4,838	68.4%	0.5	0.1	1.9	2.1	0.3	22	1.6	0.1	22
Calcium	1,420 / 1,421	99.9%	6.4	6.4	6.4	9,140	1400	150,000	9,133	6.4	150,000
Chromium	4,906 / 5,002	98.1%	5.6	0.1	10	17	2.2	280	17	0.1	280
Cobalt	1,420 / 1,421	99.9%	0.5	0.5	0.5	6.9	0.3	20	6.9	0.3	20
Copper	1,420 / 1,421	99.9%	0.1	0.1	0.1	30	3.8	2,300	30	0.1	2,300
Iron	1,420 / 1,421	99.9%	6.7	6.7	6.7	11,004	1970	44,100	10,996	6.7	44,100
Lead	8,091 / 8,099	99.9%	2.0	1.1	4.1	559	0.52	54,800	558	0.5190	54,800
Magnesium	1,419 / 1,421	99.9%	17	2.7	31	3,043	420	21,000	3,039	2.7	21,000
Manganese	1,420 / 1,421	99.9%	0.1	0.1	0.1	519	91	8,300	519	0.1	8,300
Mercury	2,533 / 3,589	70.6%	0.1	0.005	0.3	0.7	0.01	395	0.5	0.01	395
Molybdenum	0 / 226	0.0%	1.0	1.0	1.0	NA	NA	NA	1.0	1.0	1.0
Nickel	4,998 / 5,003	99.9%	1.0	0.1	2.0	20	2.0	122	20	0.1	122
Potassium	1,416 / 1,421	99.6%	250	250	250	1,838	120	3,900	1,832	120	3,900
Selenium	489 / 4,988	9.8%	3.2	0.1	6.4	3.0	0.5	27	3.1	0.1	27
Silver	156 / 5,004	3.1%	0.7	0.1	1.3	1.4	0.2	30	0.8	0.1	30
Sodium	1,128 / 1,421	79.4%	46	26	60	547	2	14,100	444	2	14,100
Thallium	131 / 5,004	2.6%	2.8	0.1	6.4	6.0	0.9	54	2.9	0.1	54
Vanadium	1,420 / 1,421	99.9%	2.5	2.5	2.5	18	0.4	130	18	0.4	130
Zinc	4,999 / 5,003	99.9%	1.9	0.1	2.5	315	12	9,530	314	0.1	9,530

* Non-detects were evaluated at 1/2 the Quantitation limit

NA = value not available

Table C-3. Summary of Chemicals Analyzed
by XRF and ICP

Analyte	XRF	ICP	Both
Aluminum		x	
Antimony	x	x	x
Arsenic	x	x	x
Barium	x	x	x
Beryllium		x	
Bismuth		x	
Cadmium	x	x	x
Calcium		x	
Chromium	x	x	x
Cobalt	x	x	x
Copper	x	x	x
Iron	x	x	x
Lead	x	x	x
Magnesium		x	
Manganese	x	x	x
Mercury	x	x	x
Molybdenum	x	x	x
Nickel	x	x	x
Rubidium	x		
Potassium		x	
Selenium	x	x	x
Silver	x	x	x
Strontium	x		
Sodium		x	
Thallium		x	
Tin	x		
Titanium	x		
Vanadium		x	
Uranium	x		
Zinc	x	x	x
Zirconium	x		

Table C-4. XRF Detection Limit Evaluation

ANALYTE	# Detects/ # Samples	Detection Frequency	Detection Limit (mg/kg)	Soil Screening Level [1] (mg/kg)		Detection Limit Adequate?
Antimony	223 / 78,072	0.3%	16 - 2,100	3.1		No
Arsenic	51,314 / 155,366	33%	1.9 - 270	0.4		No
Barium	5,459 / 51,479	11%	66 - 6,900	1,500		No
Cadmium	6,473 / 78,315	8%	9.3 - 1,100	7.0		No
Chromium	1,670 / 108,704	2%	26 - 3,000	280	[2]	No
Cobalt	37,489 / 99,309	38%	24 - 2,700	2.00		No
Copper	48,059 / 99,222	48%	5.8 - 440	310		No
Iron	99,883 / 99,888	100%	2,500 - 3,300	5,500		**Yes**
Lead	158,006 / 160,325	99%	3.3 - 380	400		**Yes**
Manganese	83,002 / 99,884	83%	30 - 2,700	180	[3]	**Yes**
Mercury	2,067 / 108,749	2%	1 - 320	2.3	[4]	No
Molybdenum	2,842 / 95,265	3%	1.3 - 140	39		No
Nickel	17,602 / 98,477	18%	7.2 - 680	160		No
Rubidium	99,670 / 99,849	100%	4 - 180	--		**Yes**
Selenium	237 / 108,360	0.2%	0.77 - 110	39		No
Silver	84 / 78,063	0.1%	6.9 - 750	39		No
Strontium	99,832 / 99,849	100%	4.6 - 46	--		**Yes**
Tin	18,604 / 77,381	24%	17 - 1,600	4,700		**Yes**
Titanium	77,717 / 78,123	99%	160 - 9,200	--		**Yes**
Uranium	19 / 2,261	1%	4.4 - 68	23	[5]	No
Zinc	151,663 / 155,882	97%	6.6 - 520	2,300		**Yes**
Zirconium	99,870 / 99,885	100%	3.9 - 160	--		**Yes**

-- = A soil screening level was not available for this chemical.

NOTES:

[1] USEPA. 2008c. Regional Screening Level Tables for Residential Soil. Values are based on a target cancer risk of 1E-06 or a noncancer HI of 0.1, whichever value is lower.

[2] RBC is based on Cr (VI), the most conservative screening level for chromium.

[3] Value is from IRIS and is based on the oral RfD of 1.4E-01 mg/kg-day in the diet. In accord with recommendations in IRIS, this value is modified by dividing by a Modifying Factor of 3 for application to exposures from soil or water.

[4] Merchloric chloride and inorganic salts.

[5] RBC is for insoluble salts.

Table C-5. Summary of XRF/ICP Correlation

Analyte	Outliers	Number of Data Pairs	R^2	Correlation Adequate?[1]
Iron	Included	401	0.19	No
	Excluded	397	0.22	No
Lead	Included	7,094	0.52	No
	Excluded	7,041	**0.87**	**Yes**
Manganese	Included	227	0.002	No
	Excluded	224	0.006	No
Rhubidium	Included	0	--	cannot be evaluated
	Excluded			
Strontium	Included	0	--	cannot be evaluated
	Excluded			
Tin	Included	0	--	cannot be evaluated
	Excluded			
Titanium	Included	0	--	cannot be evaluated
	Excluded			
Zinc	Included	3,959	**0.84**	**Yes**
	Excluded	3,896	**0.93**	**Yes**
Zirconium	Included	0	--	cannot be evaluated
	Excluded			

Boldface indicates analyte with an adequate XRF/ICP correlation ($R^2 > 0.7$).

ABBREVIATIONS:

XRF = X-Ray Fluorescence

-- = Not evaluated. A minimum of 10 data pairs are required for correlation analysis.

NOTES:

[1] Data are considered adequate if $R^2 > 0.70$.

Table C-6. XRF Data Quality Evaluation Summary

Analyte	Detection Frequency Adequate?	Correlation Adequate?	XRF Dataset Reliable?
Antimony	No	--	No
Arsenic	No	--	No
Barium	No	--	No
Cadmium	No	--	No
Chromium	No	No	No
Cobalt	No	--	No
Copper	No	--	No
Iron	Yes	No	No
Lead	Yes	Yes	Yes
Manganese	Yes	No	No
Mercury	No	--	No
Molybdenum	No	--	No
Nickel	No	--	No
Rubidium	Yes	unknown	--
Selenium	No	--	No
Silver	No	--	No
Strontium	Yes	unknown	--
Tin	Yes	unknown	--
Titanium	Yes	unknown	--
Uranium	No	--	No
Zinc	Yes	Yes	Yes
Zirconium	Yes	unknown	--

Boldface indicates an analyte that is considered adequate, and that is retained for further evaluation.

-- = Not evaluated.

Table C-7. Estimation of ICP-Equivalent Concentrations
from XRF Data

Equation for Estimating ICP-Equivalent Concentrations:

[ICP-equivalent concentration] = a + b * [XRF Concentration]

Parameters:

Analyte	Data Set	Outliers	Intercept (a)	Slope (b)
Lead	Full (all data)	Included	-3	1.47
		Excluded	-25	1.40
	Restricted (0 -1,000 mg/kg)	Included	0	1.14
		Excluded	**0**	**1.16**
Zinc	Full (all data)	Included	27	0.89
		Excluded	**23**	**0.89**

Boldface indicates parameters used to estimate ICP-equivalent concentrations in the risk assessment.

Figure C-1. Procedure for Evaluating the Adequacy of XRF Data for Use in the Risk Assessment

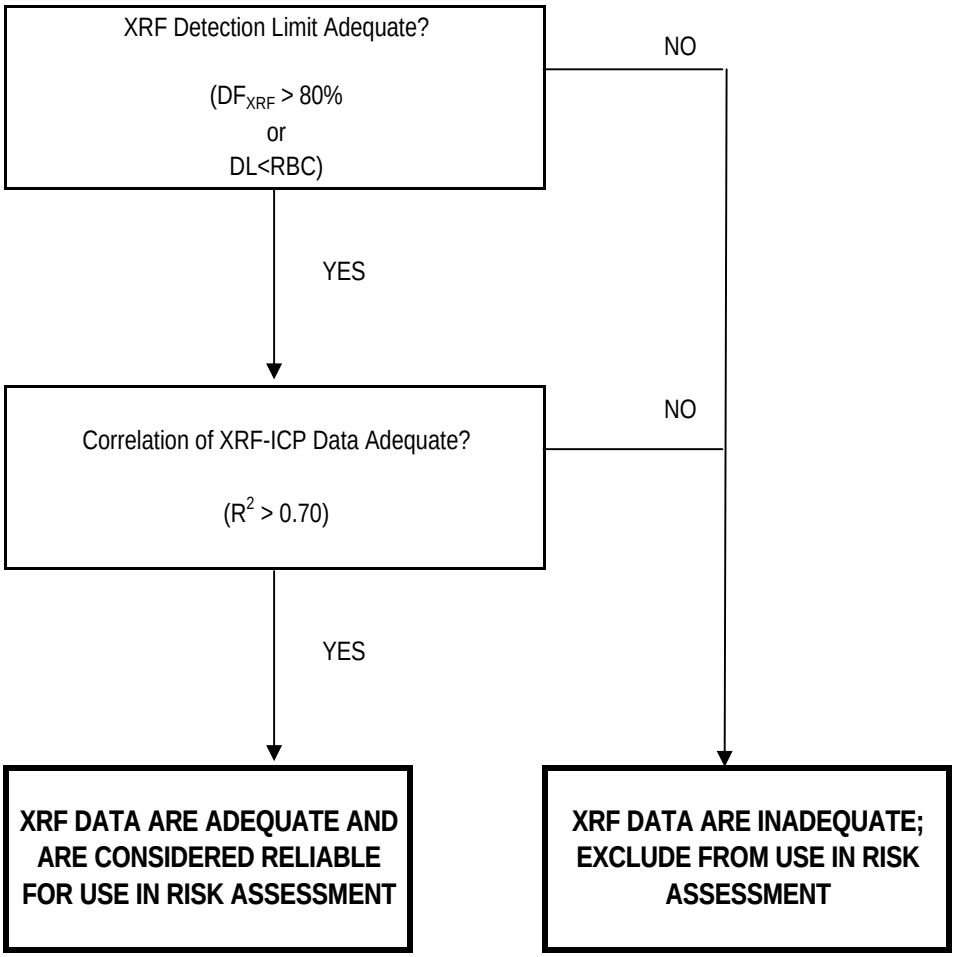

ABBREVIATIONS:

CV = Coefficient of Variation
DF = Detection Frequency
DL = Detection Limit
ICP = Inductively Coupled Plasma Atomic Emission Spectroscopy
RBC = Risk-Based Concentration
XRF = X-Ray Fluorescence

Figure C-2. Correlation of XRF and ICP Results for Iron

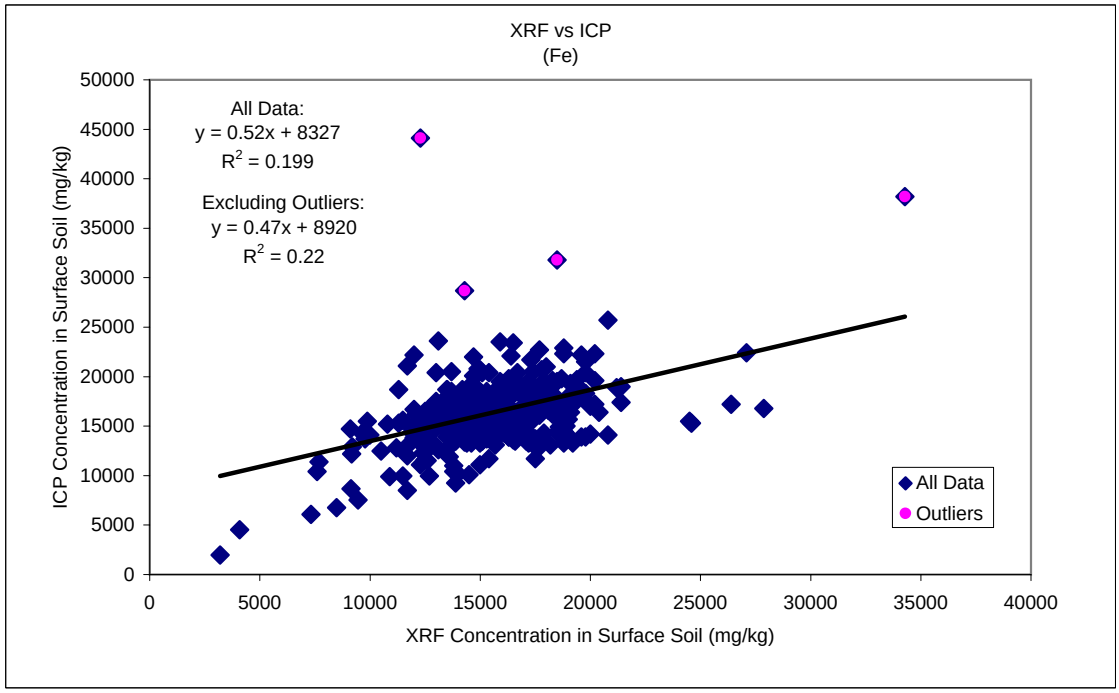

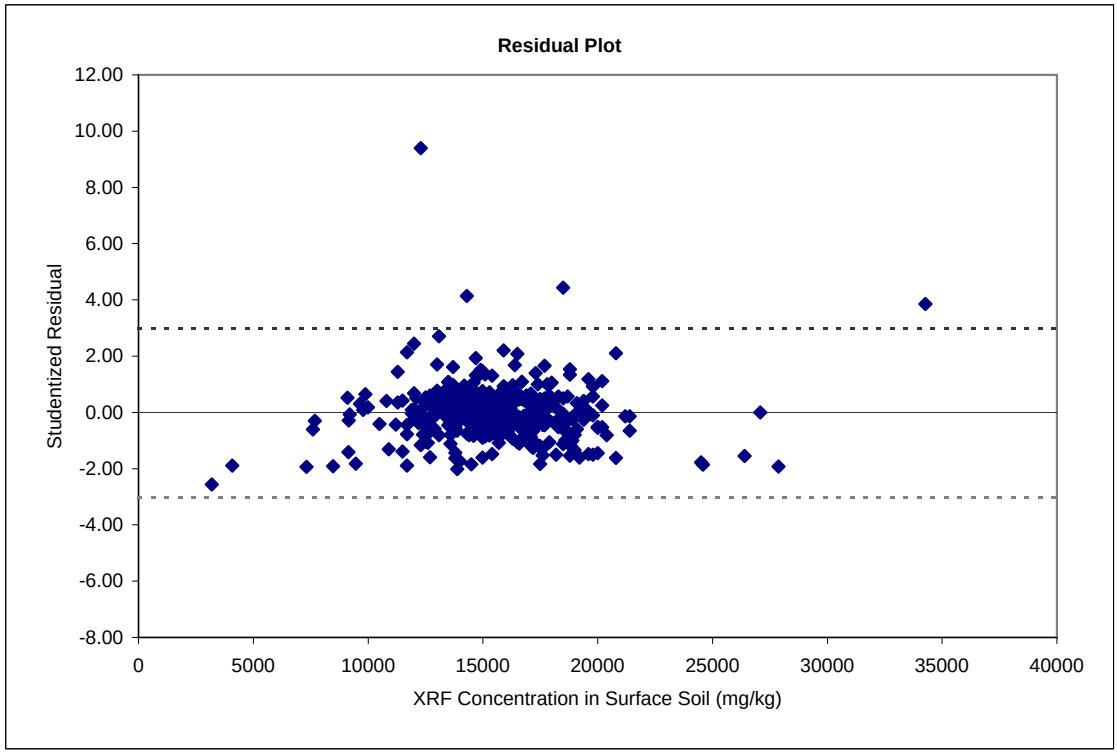

Figure C-3. Correlation of XRF and ICP Results for Manganese

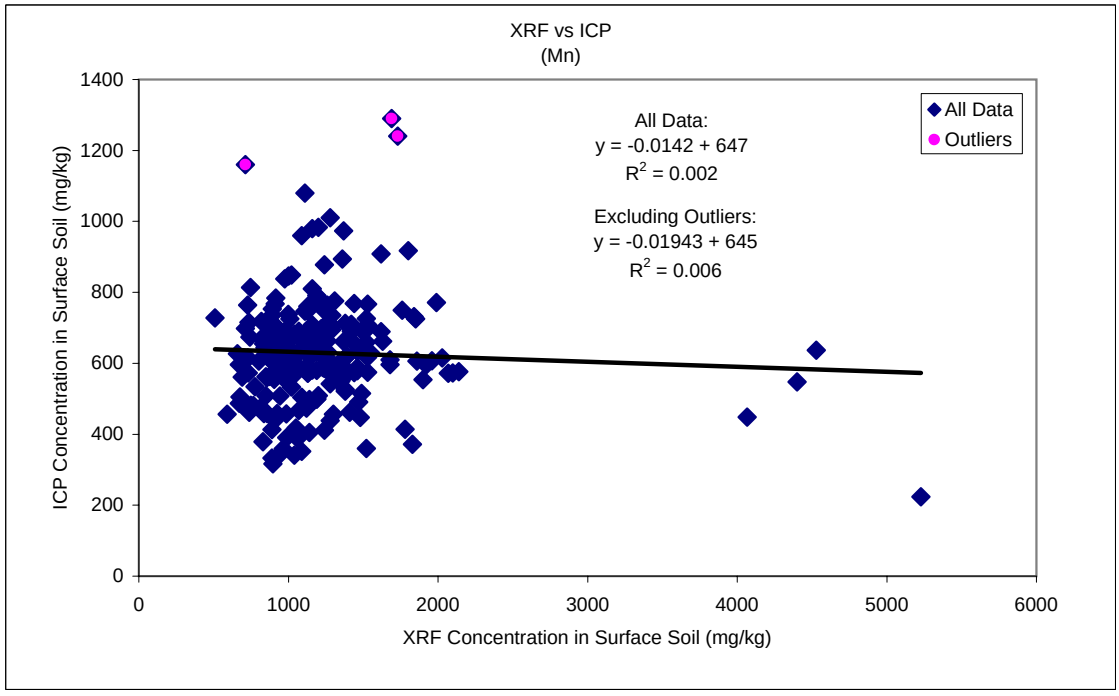

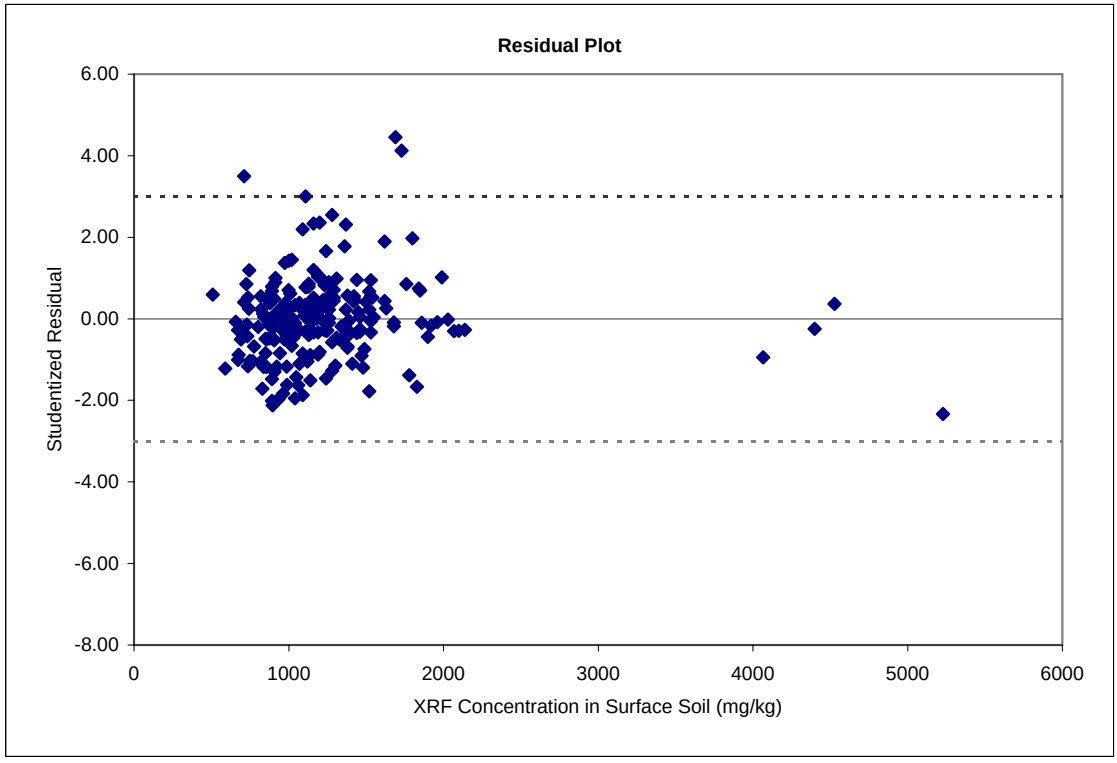

Figure C-4. Correlation of XRF and ICP Results for Lead

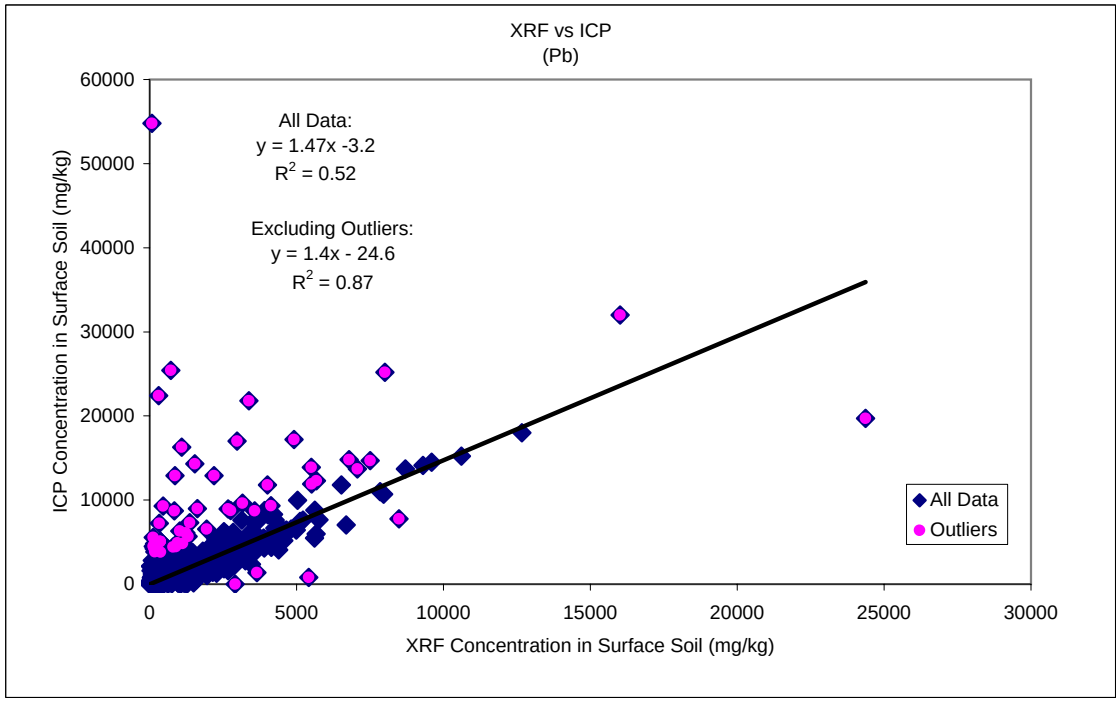

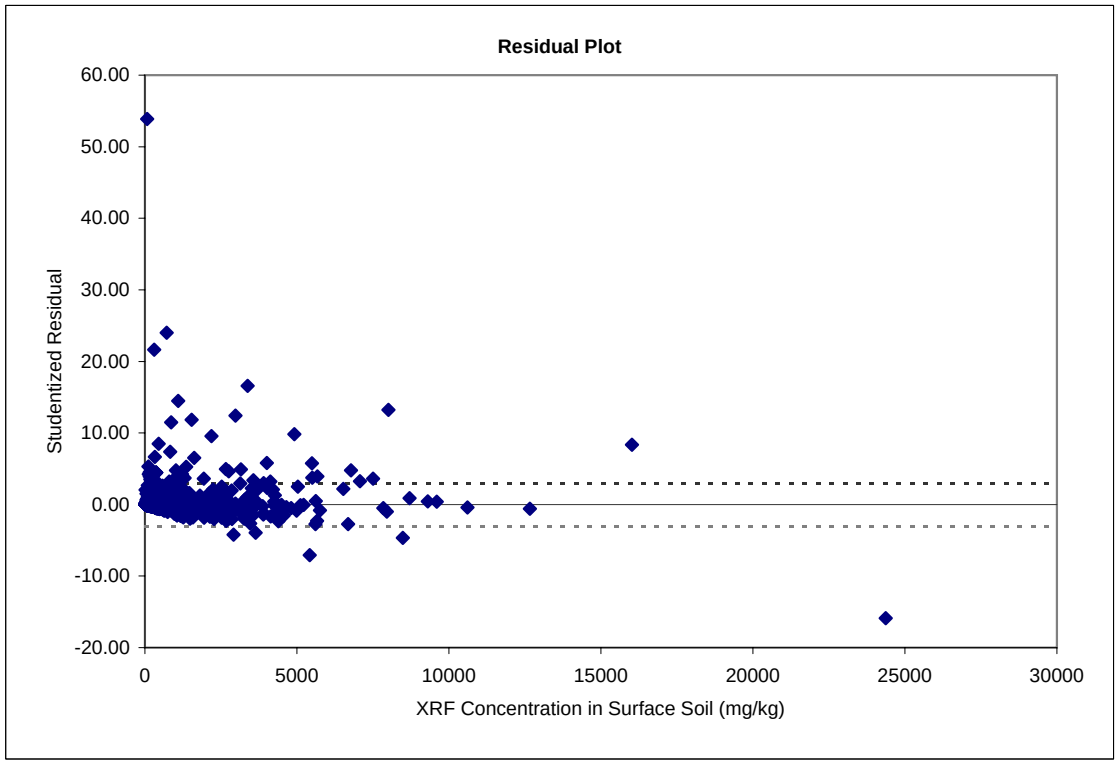

Figure C-5. Correlation of XRF and ICP Results for Zinc

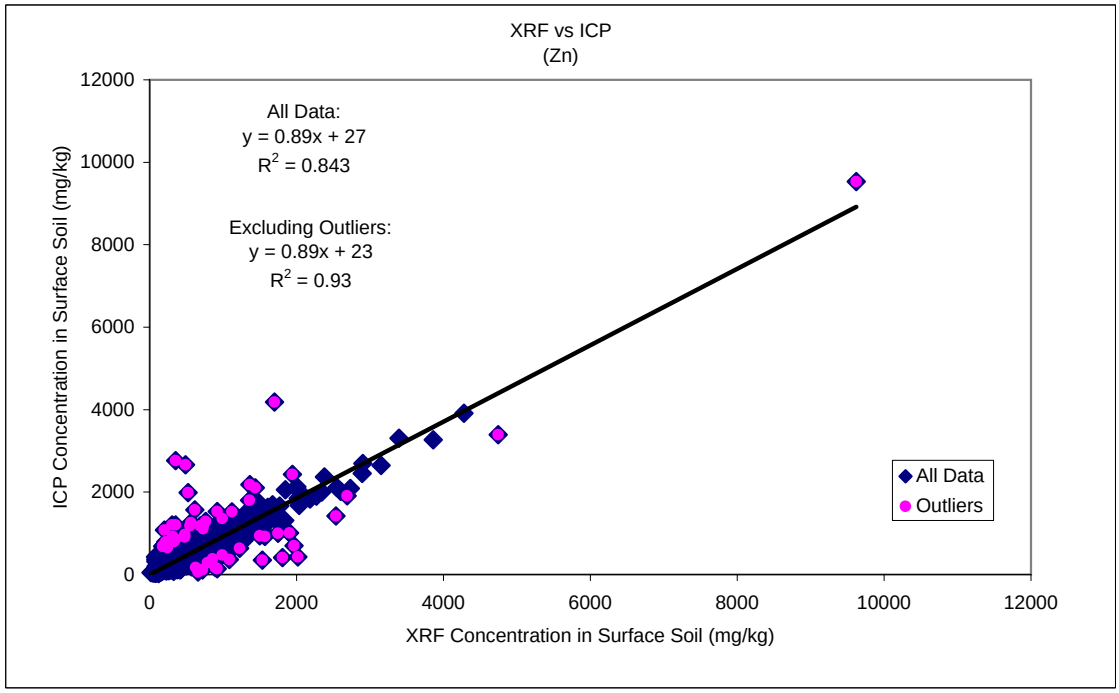

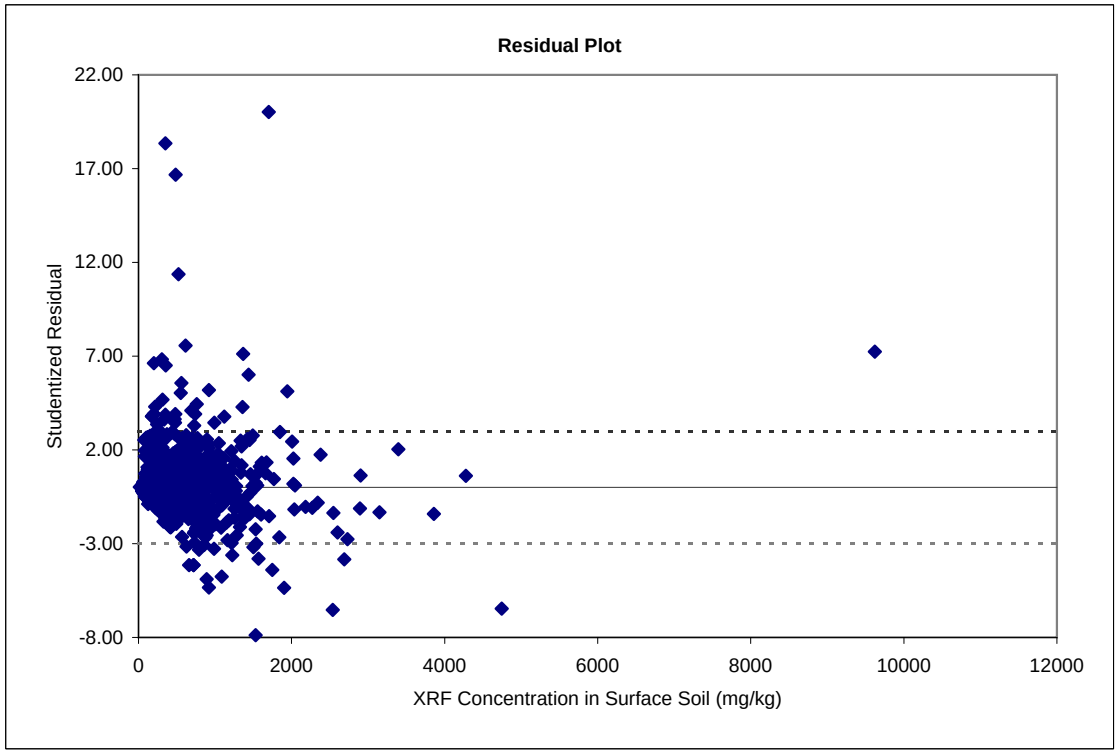

Figure C-6. Correlation of XRF and ICP Results for Lead
(restricted data set: 0 - 1,000 mg/kg ICP)

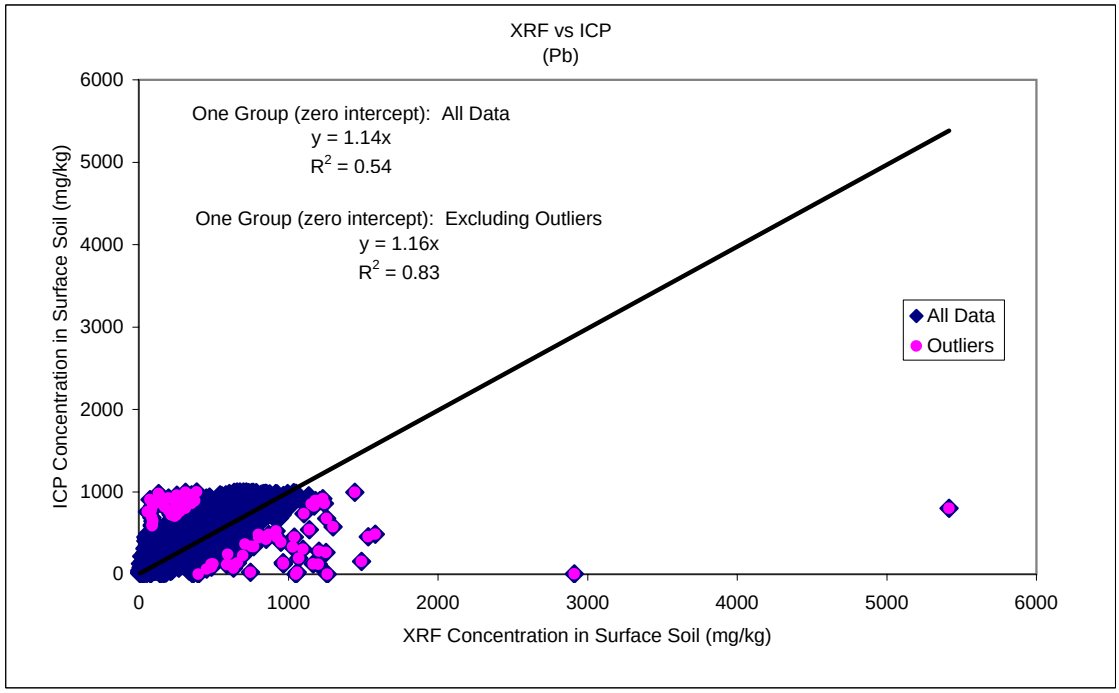

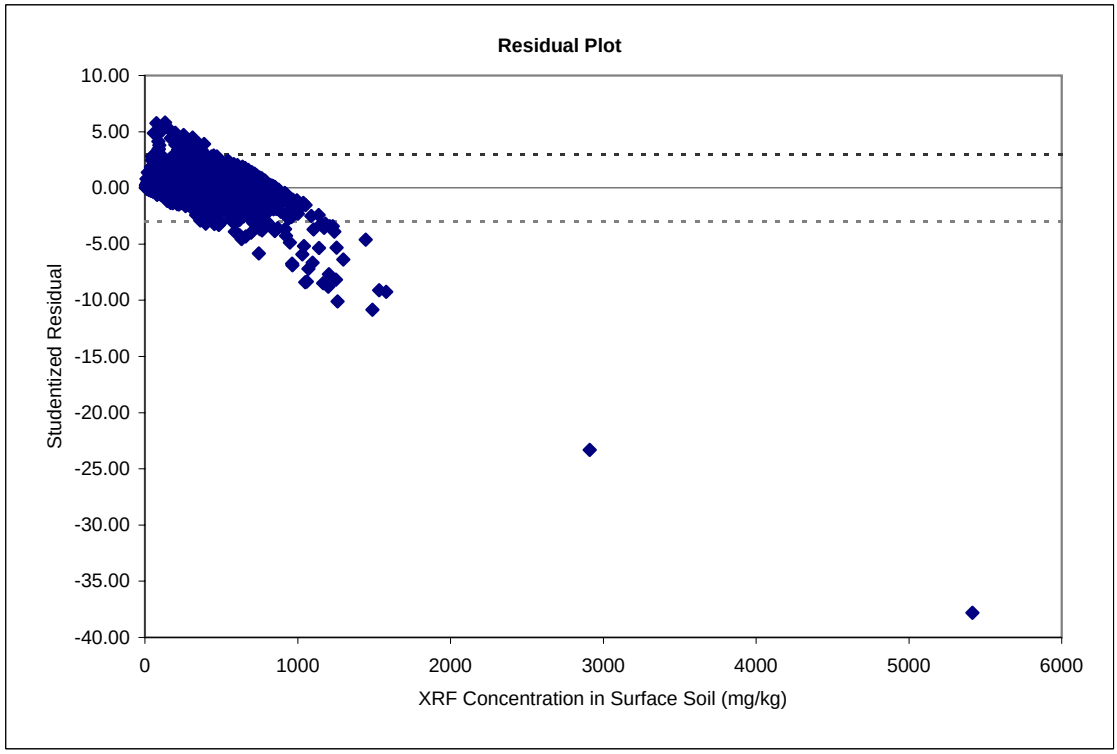

APPENDIX D

SCREENING LEVEL EVALUATION OF INHALATION OF DUST EXPOSURE PATHWAY

APPENDIX D
Screening Level Evaluation of the Inhalation of Dust Exposure Pathway

1.0 INTRODUCTION

This appendix presents a screening level evaluation of the inhalation of particulates from the air exposure pathway identified in the conceptual site model to determine if this pathway requires further evaluation in the risk assessment.

The screening level approach quantifies the dose of metals inhaled from particulates in air relative to the dose of metals ingested from soil.

The basic equation recommended by EPA (1989) for evaluation of inhalation exposure is:

$$DI_{air} = C_a \times BR_a \times EF \times ED/(BW \times AT)$$

where:

DI_{air}	=	Daily intake from air (mg/kg-d)
C_a	=	Concentration of substance in air (mg/m^3)
BR_a	=	Breathing rate of air (m^3/day)
EF	=	Exposure frequency (days/yr)
ED	=	Exposure duration (yrs)
BW	=	Body weight (kg)
AT	=	Averaging time (days)

and

$$C_a = PEF \times C_{soil}$$

where:

C_{soil}	=	Concentration of substance in soil (mg/kg)
PEF	=	Particulate Emission Factor (PEF), or soil to air transfer factor (kg/m^3)

The basic equation recommended by EPA (1989) for evaluation of soil ingestion is given by:

$$DI_{soil} = C_s \times IR_s \times EF \times ED/(BW \times AT)$$

where:

DI_{soil}	=	Daily intake from soil (mg/kg-d)
C_s	=	Concentration of substance in soil (mg/kg)
IR_s	=	Ingestion rate for soil (kg/day)
EF	=	Exposure frequency (days/yr)
ED	=	Exposure duration (yrs)
BW	=	Body weight (kg)
AT	=	Averaging time (days)

Based on the above equations, the relative magnitude of the inhaled dose of a COPC from air can be compared to the ingested dose from soil as follows:

Ratio (inhalation / ingestion) = PEF ⊗ BR_a / IR_s

Values for these parameters for each of the receptors identified in the conceptual model are summarized in Table D-1.

2.0 RESULTS

Table D-1 summarizes the ratio of the mass of soil inhaled to that ingested for each of the receptors identified in the conceptual model. As seen, the inhaled dose of soil from wind erosion is very small (<<1%) compared to the ingested dose, so the wind erosion pathway is not considered significant at this site.

3.0 REFERENCES

USEPA. 1989. Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual Part A. Interim Final. Office of Solid Waste and Emergency Response (OSWER), Washington, DC. OSWER Directive 9285.701A.

USEPA. 1991. Human Health Evaluation Manual, Supplemental Guidance: "Standard Default Exposure Factors." Office of Emergency and Remedial Response. Washington, DC. OSWER Directive 9285.6-03.

USEPA. 1996. Soil Screening Guidance: User's Guide. Second Edition. Office of Solid Waste and Emergency Response. Washington, D.C. EPA/540/R-96/018. July.

USEPA. 1997. Exposure Factors Handbook, Volumes I, II, and III. U.S. Environmental Protection Agency, Office of Research and Development. EPA/600/P-95/002Fa.

TABLE D-1.
PATHWAY SCREENING INHALATION OF PARTICULATES RELATIVE TO SOIL INGESTION

Basic Equation: $DI_{air}/DI_{soil} = PEF \bullet BR_d/IR_s$

Air Source	Receptor	Input Parameters			Ratio	
		PEF[1] (kg/m^3)	BR_d[2] (m^3/day)	IR_s[3] (kg/day)	DI_{air}/DI_{soil}	DI_{air}/DI_{soil} (%)
wind erosion	Adult Resident	8E-10	20	1E-04	2E-04	0.015%
	Child Resident	8E-10	10	2E-04	4E-05	0.0038%

Note: RME exposure parameters are used in the calculations

PEF = Particulate Emission Factor (see Appendix F for derivation)
BR_d = Breathing rate of dust
IR_s = Soil Ingestion Rate
DI = Daily Intake (mg/kg-day)

[1] USEPA (1996) default PEF of 1.32E+09 m^3/kg, expressed as kg/m^3.
[2] USEPA (1991) recommended default inhalation rate for adults; USEPA (1997) recommended inhalation rate for children 6-8 years.
[3] USEPA (1991) recommended default soil ingestion rate for residents.

APPENDIX E

SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCS)

Table E-1. Soil COPC Selection

CHEMICAL	DATA[1]															SOIL COPCs		
													Detection Limit	Essential Nutrient				
	Detection Frequency (%)	Maximum Detected Concentration (mg/kg)	Mean Nondetected Concentration (mg/kg)	Beneficial Nutrient w/o Toxicity Data (Yes/No) [2]	Max Daily Intake (mg/day) [3]	Accepted Daily Intake (mg/day) [4]	Soil RBC (mg/kg) [5]	Basis	Source	Does chemical have a toxicity value?	Is chemical detected?	Is Max Detect > RBC?	Is mean nondetected concentration < RBC?	Is compound a beneficial nutrient?	Does Max Dose >> Accepted	Quant-itative COPC	Source of Uncertainty	Not a COPC
Aluminum	99.5%	18,400	2.1	No	--	--	7,700	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Antimony	23.6%	77	2.1	No	--	--	3.1	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Arsenic	91%	513	3.5	No	--	--	0.39	C	USEPA	Yes	Yes	Yes	--	--	--	X		
Barium	99.9%	815	2.9	No	--	--	1,500	NC	USEPA	Yes	Yes	No	--	--	--			X
Beryllium	21%	1.7	0.4	No	--	--	16	NC	USEPA	Yes	Yes	No	--	--	--			X
Bismuth	0%	--	2.5	No	--	--	--	--	--	No	--	--	--	No	--		X	
Cadmium	60%	12	0.5	No	--	--	7.0	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Calcium	99.5%	75,400	6.4	Yes	15	1,000	--	--	--	No	--	--	--	Yes	No			X
Chromium	97.9%	400	5.3	No	--	--	280	C	USEPA	Yes	Yes	Yes	--	--	--	X		
Cobalt	100%	13	--	No	--	--	2	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Copper	99.5%	1,310	0.1	No	--	--	310	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Iron	99.5%	44,100	6.7	No	--	--	5,500	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Lead	99.9%	6,570	1.9	No	--	--	400	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Magnesium	99.5%	10,600	2.7	Yes	2.1	400	--	--	--	No	--	--	--	Yes	No			X
Manganese	99.5%	1,270	0.1	No	--	--	180	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Mercury	71.8%	395	0.1	No	--	--	2.3	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Molybdenum	0%	--	1.0	No	--	--	39	NC	USEPA	Yes	No	--	Yes	--	--			X
Nickel	99.9%	122	1.0	No	--	--	160	NC	USEPA	Yes	Yes	No	--	--	--			X
Potassium	100%	3,710	--	Yes	0.74	3,500	--	--	--	No	--	--	--	Yes	No			X
Selenium	4%	27	3.8	No	--	--	39	NC	USEPA	Yes	Yes	No	--	--	--			X
Silver	2.5%	19	0.8	No	--	--	39	NC	USEPA	Yes	Yes	No	--	--	--			X
Sodium	100%	1,430	--	Yes	0.29	2,400	--	--	--	No	--	--	--	Yes	No			X
Thallium	3%	54	3.6	No	--	--	0.5	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Vanadium	100%	48	--	No	--	--	39	NC	USEPA	Yes	Yes	Yes	--	--	--	X		
Zinc	99.9%	2,760	1.7	No	--	--	2,300	NC	USEPA	Yes	Yes	Yes	--	--	--	X		

[1] Surface soil samples collected from resdiential properties (single family, multi-family and vacant lots) within the final focus area, excluding remediated properties. Data include all ICP results and XRF results for lead and zinc that have been adjusted, according to the XRF-ICP relationships presented in Appendix C.

[2] Based on USEPA (1994), Table 1. Chemicals identified by USEPA as beneficial nutrients for which toxicity data were not available were assigned a value of "Yes". All other chemicals were assigned values of "No".

[3] Maximum expected dose for the maximally exposed receptor (child resident), see Table E-2 for calculations.

[4] Values are either Reference Daily Intake (RDI) or Daily Reference Value (DRV). RDIs replace the term "U. S. Recommended Daily Allowances" (introduced in 1973 as a reference value for vitamins, minerals, and protein). DRVs are for nutrients for which no set of standards previously existed. Values obtained from http://www.fda.gov/fdac/special/foodlabel/dvs.html.

[5] USEPA (2008) default soil screening level for residential soil, based on a target cancer risk of 1E-06 and a target noncancer Hazard Quotient of 0.1 .

C = Cancer

COPC = Chemical of Potential Concern

NC = Noncancer

RBC = Risk Based Concentration

-- = Not applicable

USEPA 1994. Region 8 Superfund Technical Guidance. Evaluating and Identifying Contaminants of Concern for Human Health. Number RA-03: Contaminants of Concern. Denver, Colorado. September.

USEPA 2008. Regional Screening Level Tables. Residential Soil Screening Level Table (ressoil_sl_table_run_12SEP2008.xls). http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/Generic_Tables/index.htm (accessed September 2008).

Table E-2. Evaluation of Beneficial Nutrients

Media	Maximally Exposed Receptor	Essential Nutrient	Maximum Concentration (C_{max})		RME Intake Rate (IR)		Maximum Daily Intake [1] (mg/day)	Accepted Daily Intake [2] (mg/day)		Ratio
			Value	Units	Value	Units		value	Source	
Residential Soil	Resident (child)	Calcium	75,400	mg/kg	200	mg/day	15.08	1,000	RDI	0.015
		Magnesium	10,600	mg/kg	200	mg/day	2.12	400	RDI	0.0053
		Potassium	3,710	mg/kg	200	mg/day	0.74	3,500	DRV	0.00021
		Sodium	1,430	mg/kg	200	mg/day	0.29	2,400	DRV	0.00012

[1] Calculated from maximum concentration and RME intake rate for the maximally exposed receptor (highest intake rate).
Max Daily Intake = C_{max} * IR. Conversion factors applied (as necessary) to yield daily intake in units of mg/day. Phosphorus in environmental media assumed to be present as phosphate. Maximum site concentration converted to phosphorus by multiplying by 0.316 (mass phosphorus/mass of phosphate).

[2] Valies are Reference Daily Intake (RDI) or Daily Reference Value (DRV). RDIs replace the term "U. S. Recommended Daily Allowances" (introduced in 1973 as a reference value for vitamins, minerals, and protein). DRVs are for nutrients for which no set of standards previously existed. Values obtained from http://www.fda.gov/fdac/special/foodlabel/dvs.html.

APPENDIX F

STATISTICAL METHODS USED TO FIT LINEAR MODELS FOR LEAD DATA

APPENDIX F
STATISTICAL METHODS USED TO FIT LINEAR MODELS FOR LEAD DATA

1.0 OVERVIEW

At the OLS site, data have been collected to evaluate three site-specific relationships that are needed for use in the lead risk assessment:

- The concentration of lead in soil when measured by XRF compared to that when measured by ICP ("XRF vs ICP")
- The concentration of lead in the fine fraction (< 250 µm) of soil compared to that in the bulk (< 2 mm) fraction ("Bulk vs Fine")
- The concentration of lead in indoor dust at a property compared to the average level in soil for that property ("Soil vs Dust")

At the level of individual sample pairs, all three of these relationships are rather variable. However, in all cases the average relationship appears to be adequately characterized by a linear equation:

- $ICP = a1 + b1 \cdot XRF$
- $Fine = a2 + b2 \cdot Bulk$
- $Dust = a3 + b3 \cdot Soil$

The parameters (slope and intercept) for linear models of this type are often estimated using ordinary linear regression (OLR). Use of OLR assumes that two conditions are satisfied: 1) the errors in y are normal and independent of the value of y (or x) (i.e., y is homoscedastic), and 2) there are no errors in the x variable. However, neither of these assumptions is likely to be true for the three data sets considered here. That is, the magnitude of the errors in y are likely to depend on the value of y (i.e., y is heteroscedastic), and there are likely to be errors in the value of x (measurement error). The occurrence of measurement error in x is especially important, because application of OLR to data sets that include measurement error will generally tend to underestimate the slope and overestimate the intercept.

There are a number of statistical methods that have been developed to deal with data that are either heteroscedastic and/or that include measurement error in x. These methods differ from each other in the degree to which they are statistically rigorous or are simplifications and approximations, and in the amount of information that is needed to implement the methods. The purpose of this appendix is to describe a set of seven alternative methods that were considered for use, describe an approach that was followed to evaluate which method was best for each data

set, and give the results of the application of the selected method to each of the three data sets described above.

2.0 DESCRIPTION OF METHODS EVALUATED

A total of seven different methods were considered in this evaluation, as described below.

2.1 Ordinary Linear Regression (OLR)

The parameters of the best fit OLR line to a data set are obtained by computing the squared error for each data pair and minimizing the sum of the squared errors. The solution for the intercept and slope are given by:

Slope = S_{xy} / S_{xx}

Intercept = $\overline{Y} - slope \cdot \overline{X}$

where:

$$S_{xy} = \sum_{i=1}^{N} \left(X_i - \overline{X}\right)\left(Y_i - \overline{Y}\right)$$

$$S_{xx} = \sum_{i=1}^{N} \left(X_i - \overline{X}\right)^2$$

$$\overline{Y} = \frac{\sum_{i=1}^{N} Y_i}{N}$$

$$\overline{X} = = \frac{\sum_{i=1}^{N} X_i}{N}$$

As noted above, while easy to implement, OLR is expected to yield slope estimates that are too low and intercepts that are too high when there is significant measurement error in x.

2.2 95% UCL on the OLR Slope

As described in (USEPA 1998), one potential method for mitigating the tendency of OLR to underestimate slope is to use the 95% Upper Confidence Limit (95% UCL) on the OLR slope rather than the best estimate. The 95% UCL on the slope is given by:

$$95\%UCL(slope) = Slope(best\ est) + t_{n-2,0.95} \cdot (MSE / S_{xx})^{0.5}$$

where:

$$MSE = \frac{\sum_{i-1}^{N} \left(y_i - a - b \cdot x_i\right)^2}{N-2}$$

The intercept is then computed as follows:

$$Intercept = \overline{Y} - slope \cdot \overline{X}$$

2.3 Chi-Square Merit Function

The most rigorous method for dealing with data sets that may be either heteroscedastic and/or have measurement error in x is the Chi-Square Merit Function (Press *et al.* 1992):

$$C_i^2 = \frac{(y_i - a - b \cdot x_i)^2}{s_{yi}^2 + b^2 \cdot s_{xi}^2}$$

This approach weights the squared error for each data pair (i) in inverse proportion to the magnitude of the errors in both x(i) and y(i). The parameters of the regression line (slope, intercept) are found by minimizing the sum of the C_i^2 terms.

The difficulty in implementing this method is the requirement for the $s^2(x_i)$ and $s^2(y_i)$ terms. Ideally, these would be derived by multiple measures of x(i) and y(i) in each sample "i". For example, this would involve collecting multiple rounds of indoor dust and outdoor soil samples at each of the study properties. However, such replicate measures are rarely performed at a property, and no data of this type are available for the three data sets of interest from the OLS site. Therefore, to implement the Chi-Square Merit Function approach, it is necessary to estimate the values of $s^2(x_i)$ and $s^2(y_i)$, as follows.

For all three data sets, the error in x was modeled as:

$$s_{x(i)} = MAX\left[s_x \min,\ k1 + k2 \cdot x(i)\right]$$

Note that, in this error model, the value of $s_{x(i)}$ can not be smaller than $s_x$min. This is important because true values of $s_{x(i)}$ are unlikely to approach zero as the value of x approaches zero, and because the merit function would assign unreasonably high weights to data pairs with small x if $s_{x(i)}$ were allowed to approach zero.

For the first two data sets (XRF vs ICP and Bulk vs Fine), the errors in x are simply the measurement errors of lead in soil when measured by XRF. The values of k1 and k2 were estimated from a data set of triplicate XRF measures of 6128 soil samples from a different site (Madison County Mines Site in Missouri). For each sample, the standard error of the mean of the three replicates is given by:

SEM(i) = Stdev(i) / sqrt(3)

A plot of SEM(i) vs Mean(i) is shown in Figure F-1. As seen, the data are clearly heteroscedastic (i.e., the error in x increases as a function of x), and the relationship is well characterized by a straight line with parameters:

k1 = 2.7
k2 = 0.0063

Based on this, the value of $s_x$min is also set to 2.7.

For the third data set (Dust vs Soil), the errors in x arise both from measurement error and also from sampling error. The values of k1 and k2 were estimated from the OLS data set as follows. For each property that had four or more 5-point composite soil samples available, the mean and standard deviation were computed from the composite values. The standard deviation of the 5-point composites was adjusted by multiplying by the square root of 5/20 = 0.5 to account for the fact that the error being modeled is based on a 20-point composite rather than on 5-point composites. A plot of this estimated sampling/measurement error in the 20-point composite as a function of the mean soil level is shown in Figure F-2. As seen, there is a clear tendency towards heteroscedasticity, with a slope of about 0.28. However, the intercept based on the data is negative (an impossibility), so the intercept term was set to a value of 5 mg/kg. This is approximately the SEM that would be expected for a composite of 20 samples drawn from a lognormal distribution with a GSD of about 2. Based on this intercept, the slope is 0.22.

In all three cases, the error in y was modeled as follows:

$$s_{y(i)} = MAX[s_y \text{min}, k3 + k4 \cdot y(i)]$$

As above, the error in y is limited by the value $s_y$min to avoid unreasonable values of $s_{y(i)}$ and to prevent inappropriate weights for low values of y.

The parameters k3 and k4 were estimated by dividing the data into a series of bins based on the value of x, with approximately 10 data pairs in each bin. For each bin, the standard deviation of the y values was computed and plotted as a function of the mean value of y for the bin.

These data points were then fit to a linear model to estimate the values of k3 and k4.

stdev y = k3 + k4· $\bar{y}$

The value of $s_y$min is set to 5 for XRF-ICP, 1 for Bulk-Fine, and 5 for Soil-Dust.

2.4 Geometric Mean Functional Relationship (GMFR)

Draper and Smith (1998) discuss the problem of fitting linear regression lines in the face of measurement error, and recommend an approach referred to as the geometric mean functional relationship. In this approach, the slope of the line is computed as:

Slope = sqrt(S_{yy}/S_{xx})

where:

$$S_{yy} = \sum_{i=1}^{N} \left(Y_i - \overline{Y}\right)^2$$

$$S_{xx} = \sum_{i=1}^{N} \left(X_i - \overline{X}\right)^2$$

Values of S_{xx} and S_{yy} are derived from the data. Note that this approach assumes homoscedasticity in both x and y.

2.5 Three-Group Approach

Draper and Smith (1998) also describe a simple alternative approximation method for estimation of the slope, as follows:

1. Divide the data into three groups of approximately equal number of samples, based on the values of x (low, medium, high).
2. Compute the center of mass (defined as $\overline{Y_i}, \overline{X_i}$) for both the first group) (i = 1) and the third group (i = 3).
3. Compute the slope of the line by drawing a line through these two centers of mass:
   $$slope = \left(\overline{Y}_3 - \overline{Y}_1\right) / \left(\overline{X}_3 - \overline{X}_1\right)$$
4. Calculate the intercept by requiring the line to pass through the overall center of mass $\left(\overline{Y}, \overline{X}\right)$:
   $$Intercept = \overline{Y} - Slope \cdot \overline{X}$$

2.6 One-Group Approach (zero intercept)

This approach is suggested by EPA Region 8 (USEPA 1995). This approach assumes the intercept is zero, and defines the slope as the line that passes through the overall center of mass:

$$slope = \frac{\overline{Y}}{\overline{X}}$$

2.7 One-Group Approach (non-zero intercept)

This approach, also identified as an alternative by Region 8 (USEPA 1995), first estimates the intercept by finding the average value of y for the first 10% of the x values:

$$Intercept = \frac{10}{N}\sum_{i=1}^{N/10} y_i$$

The slope is the found by requiring the line to pass through the overall center of mass $\left(\overline{Y}, \overline{X}\right)$:

$$Slope = \frac{\overline{Y} - Intercept}{\overline{X}}$$

3.0 EVALUATION OF METHOD PERFORMANCE

In order to evaluate which of these methods was most appropriate for evaluating the three data sets from the OLS, Monte Carlo simulations were performed as follows.

1. For each data set, define a set of assumed "true" values for N (number of data pairs), slope, intercept, and error terms in x and y that are selected to be similar to the actual site data set.
2. Draw a random data set of size N, and compute the slope using each of the 7 methods above. Divide the estimated slope by the "true" slope to obtain the "slope ratio" for that simulated data set.
3. Repeat step 2 many times, and plot the distribution of slope ratios for each of the methods.

The preferred method is the method that yields a distribution of slope ratios most nearly centered on 1.0, and that has the narrowest distribution.

3.1 Monte Carlo Simulation of ICP vs XRF Data Sets

For the ICP vs XRF data set, the Monte Carlo simulation was based on the following model of "truth":

$Csoil_{true} \sim LN(\mu, s)$
$IPC_{true} = Csoil_{true}$
$ICP_{true} = a + b \cdot XRF_{true}$
$XRF_{true} = (ICP_{true} - a) / b$
$XRF_{obs} \sim XRF_{true} + N(0, s_x)$
$ICP_{obs} = ICP_{true} + N(0, s_y)$
$s_x = k1 + k2 \cdot x_{true}$
$s_y = k3 + k4 \cdot y_{true}$

Values for use in the Monte Carlo simulation were selected to be similar to the authentic site data set as follows:

Parameters	Values	Basis
N	9072	Number of paired XRF vs ICP data set for lead in soil at the OLS
a, b	0, 1.47	OLR parameters of the XRF vs ICP data set at the OLS
μ,s	5.3, 1.29	Log-probability regression coefficients of the lead in soil data set for ICP samples with matching XRF values.
k1, k2	2.7, 0.0063	Parameter estimates for the Standard Error of the Mean (SEM) of lead measured by XRF, based on triplicate XRF analyses of soil at the Madison County Mines Site (see Figure F-1).
k3, k4	0, 0.1	Parameter estimates for the Standard Deviation of lead measured by ICP, based on Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of lead in soil at the Omaha Lead Site (see Figure F-3).

3.2 Monte Carlo Simulation of Fine vs Bulk Data Sets

For the Fine vs Bulk data set, the Monte Carlo simulation was based on the following model of "truth":

$Csoil_{true} \sim LN(\mu, s)$
$Bulk_{true} = Csoil_{true}$
$Fine_{true} = a + b \cdot Bulk_{true}$
$Bulk_{obs} \sim Bulk_{true} + N(0, s_x)$
$Fine_{obs} = Fine_{true} + N(0, s_y)$
$s_x = k1 + k2 \cdot x_{true}$
$s_y = k3 + k4 \cdot y_{true}$

Values were selected to be generally similar to the authentic site data as follows:

Parameters	Values	Basis
N	380	Number of paired Bulk vs Fine data set for lead in soil at the OLS.
a, b	0, 1.08	OLR parameters of the Bulk vs Fine data set at the OLS.
μ,s	5.3, 0.96	Log-probability regression coefficients of the lead in soil data set measured by XRF for bulk samples with matching fine values.
k1, k2	2.7, 0.0063	Parameter estimates for the Standard Error of the Mean (SEM) of lead measured by XRF, based on triplicate XRF analyses of soil at the Madison County Mines Site (see Figure F-1).
k3, k4	2.7, 0.0063	Parameter estimates for the Standard Error of the Mean (SEM) of lead measured by XRF, based on triplicate XRF analyses of soil at the Madison County Mines Site (see Figure F-1).

3.3 Monte Carlo Simulation of Dust vs Soil Data Sets

For the Indoor Dust vs Outdoor Soil data set, the Monte Carlo simulation was based on the following model of "truth":

$Csoil_{true} \sim UNIFORM(min, max)$
$Cdust_{true} = a + b \cdot Csoil_{true}$
$a \sim LN(\mu, s)$
$b \sim BETA(p1, p2)$
$Csoil_{obs} \sim Csoil_{true} + N(0, s_x)$
$Cdust_{obs} = Cdust_{true} + N(0, s_y)$
$s_x = k1 + k2 \cdot x_{true}$
$s_y = k3 + k4 \cdot y_{true}$

Values were selected to be generally similar to the authentic site data as follows:

Parameters	Values	Basis
N	98	Number of paired Soil vs Dust data set for lead in soil at the OLS
min, max	50, 2000	Minimum and maximum XRF concentration of lead in soil in the soil-dust data set at the OLS
μ,s	4.62, 0.57	Lognormal distribution parameters for the intercept parameter (a) at the soil-indoor dust relationship at the OLS. Values are based on professional judgment and correspond to linear space values of 120 and 75.
p1, p2	4, 3	Beta distribution parameters for the b parameter in the soil-indoor dust relationship at the OLS. Values are based on professional judgment and yield a distribution with mean = 0.57 and 90% of values between 0.27 and 0.85.

k1, k2	5, 0.22	Parameter estimates for the Standard Error of the Mean (SEM) of lead in soil. Estimated from OLS soil dataset from the yard-wide average concentration of lead in soil vs the SEM of lead in soil (see Figure F-2).
k3, k4	5, 0.36	Parameter estimates for the SEM lead in indoor dust. Estimated from OLS indoor dust dataset (see Figure F-4)

4.0 RESULTS

4.1 Preferred Method and Parameter Estimates for ICP vs XRF Data Set

Figure F-5 plots the distribution of slope ratios for each of the seven alternative statistical methods applied to data sets that are similar to the site-specific ICP vs XRF data set. As seen, Method 6 (one group, zero intercept) yields the best results, although Method 5 (Three Group) is also reasonable.

Based on this, the authentic ICP vs XRF data from the OLS site were fit using Method 6. The results are shown in Figure F-6. Based on the best fit, data points whose studentized residual was larger than 3 or less than -3 were identified as potential outliers (Canavos 1984), and the analysis was repeated after exclusion of these data pairs. The resulting equation after exclusion of outliers is:

ICP-Equivalent = 1.46·XRF

This process was then repeated for a sub-set of the data where the concentration of lead in soil as measured by ICP was = 1000 mg/kg). This evaluation was performed because this is the range of soil lead concentrations of primary concern for decision-making at the site. That is, soil concentrations > 1000 mg/kg (whether by XRF or ICP) are above a level of concern for residential exposures and will be remediated. Thus, it is most important to accurately characterize the correlation in the range of 0-1000 mg/kg. These results are shown in Figure F-7.

As seen, after exclusion of outliers, the best fit equation is:

ICP-Equivalent = 1.16·XRF

This equation is selected for use in this risk assessment.

4.2 Preferred Method and Parameter Estimates for Bulk vs. Fine Data Set

Figure F-8 (Panel A) plots the distribution of slope ratios for each of the seven alternative statistical methods applied to data sets that are similar to the site-specific Bulk vs. Fine data set. An expanded view is provided in Panel B. As seen, Method 6 (one group, zero intercept) yields the best results, although Method 5 (Three Group) is also reasonable.

Based on this, the authentic Bulk vs. Fine data from the OLS site were fit using Method 6. The results are shown in Figure F-9. Based on the best fit, data points whose studentized residual was larger than 3 or less than -3 were identified as potential outliers (Canavos 1984), and the analysis was repeated after exclusion of these data pairs. The resulting equation after exclusion of outliers is:

Fine = 1.04·Bulk

4.3 Preferred Method and Parameter Estimates for Soil vs. Dust Data Set

Figure F-10 plots the distribution of slope ratios for each of the seven alternative statistical methods applied to data sets that are similar to the site-specific Dust vs. Soil data set. As seen, none of the methods yield totally un-biased results, but the best result is achieved using Method 2 (95% UCL of the OLR slope).

Figure F-10 plots the distribution of slope ratios for each of the seven alternative statistical methods applied to data sets that are similar to the site-specific Dust vs. Soil data set. As seen, none of the methods yield totally un-biased results, but the best result is achieved using Method 2 (95% UCL of the OLR slope).

Based on this, the authentic soil vs. dust data from the OLS site (N = 98) were fit using OLR and Method 2 (95% UCL on the OLR slope). The results are as follows:

All Data (N=98)

Best Estimate:	Dust = 121 + 0.65·Soil
95% UCL on Slope:	Dust = 34 + 0.86·Soil

Based on the 95% UCL equation, three data points whose studentized residual was larger than 3 or less than -3 were identified as potential outliers (Canavos 1984), and the analysis was repeated after exclusion of these three data pairs. The resulting equations (best estimate and 95% UCL) after exclusion of the outliers is:

Outliers Excluded (N = 95)

Best Estimate:	Dust = 42 + 0.74·Soil
95% UCL on Slope:	Dust = -8 + 0.87·Soil

In concept, the final equation (95% UCL after exclusion of outliers) would be selected as the preferred model. However, this fit is problematic because the true intercept can not be less than zero, and a value somewhat above zero is expected because it is considered likely that there are one or more non-soil sources of lead in indoor dust at many homes. Based on this, it appears that

this method is over-correcting for measurement error, and hence the equation adjusted by the 95% UCL method was judged to be inappropriate for use.

Consequently, each of the other alternative strategies for correcting the data for measurement error were investigated, with the results shown below:

Method	Slope	Intercept
Chi Square Merit Function	1.04	-200
GMFR	1.07	-83
Three-Group	0.52	126
One-group (zero intercept)	0.85	0
One-group (non-zero intercept)	0.68	65

As seen, the results vary substantially between different methods used to adjust for measurement error. Based on this strong dependence of the model coefficients on the statistical method used, it is concluded that attempts to adjust this particular data set for measurement error are likely either tending to either over-correct or under-correct, and that the most reasonable estimate of the relationship is based on OLR (unadjusted):

$$\text{Dust} = 42 + 0.74 \cdot \text{Soil} \quad (R^2 = 0.48)$$

These coefficients are in the central portion of the range of values generated by the various statistical methods, and therefore are considered to be reasonable estimates. In this regard, it should be noted that these values are not too far removed from the values derived using OLR in the interim risk assessment (NHHSS 1994):

Parameter	NHHSS 2004	This Study
N	159	95
Slope	0.79	0.74
Intercept	139	42
R^2	0.19	0.48

This leads to greater confidence in the use of this model, although it is still considered possible that the slope is too low and the intercept is too high as a consequence of measurement error in the soil values.

5.0 REFERENCES

Canavos G.C. 1984. Applied Probability and Statistical Methods. Little, Brown and Company, Boston.

Draper N.R. and Smith H. 1998. Applied Regression Analysis. Third Edition. John Wiley & Sons, Inc. New York.

NHHSS. 2004. Baseline Human Health Risk Assessment, Omaha Lead Superfund Site. Prepared by Nebraska Health and Human Services System. June, 1994.

Press W.H., Teukolsky S.A., Vettering, W.T., and Flannery B.P. 1992. Numerical Recipes in C. The Art of Scientific Computing. Second Edition. Cambridge University Press.

USEPA. 1995. Estimating Site-Specific Exposure to Contaminants in Indoor Dust. Region 8 Superfund Technical Guidance No. FA-06: Exposure to Indoor Dust. September.

USEPA. 1998. Short Sheet: IEUBK Model Mass Fraction of Soil in Indoor Dust (Msd) Variable. Office of Solid Waste and Emergency Response. Washington, DC. EPA#540-F-00-008. June.

FIGURE F-1. SIGMA X ESTIMATE FOR LEAD IN SOIL MEASURED BY XRF

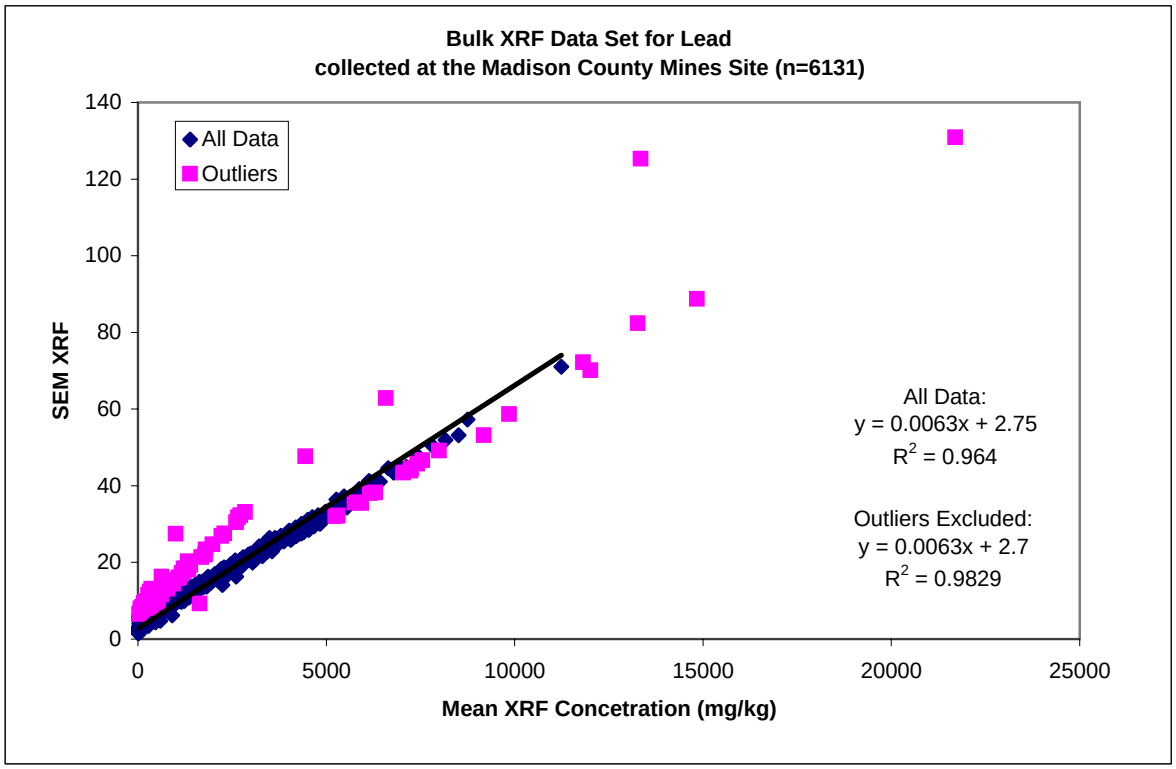

SUMMARY OUTPUT - Excluding Outliers

Regression Statistics	
Multiple R	0.991438
R Square	0.982949
Adjusted R	0.982947
Standard E	0.619337
Observatio	6128

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regressior	1	135463.4	135463.4	353157.1	0
Residual	6126	2349.8	0.383578		
Total	6127	137813.2			

	Coefficients	*tandard Err*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	2.692332	0.008526	315.7671	0	2.675618	2.709047	2.675618	2.709047
X Variable	0.006348	1.07E-05	594.2702	0	0.006327	0.006369	0.006327	0.006369

FIGURE F-2 - ESTIMATE OF SIGMA X FOR LEAD IN BULK SOIL

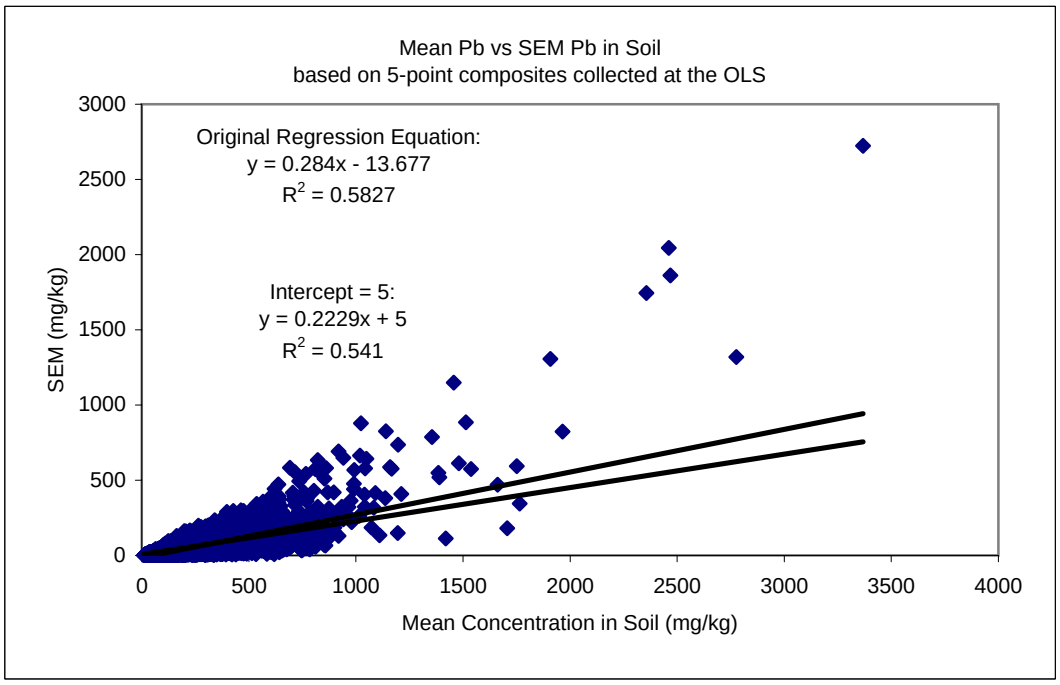

SUMMARY OUTPUT - Original Regression

Regression Statistics	
Multiple R	0.763318
R Square	0.582655
Adjusted R	0.582638
Standard E	35.12674
Observatio	24673

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regressior	1	42499017	42499017	34443.18	0
Residual	24671	30441248	1233.888		
Total	24672	72940265			

	Coefficients	*tandard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	-13.67668	0.376451	-36.33054	1.4E-281	-14.41455	-12.93881	-14.41455	-12.93881
X Variable	0.284023	0.00153	185.5887	0	0.281024	0.287023	0.281024	0.287023

FIGURE F-3. SIGMA Y ESTIMATE FOR LEAD IN SOIL MEASURED BY ICP

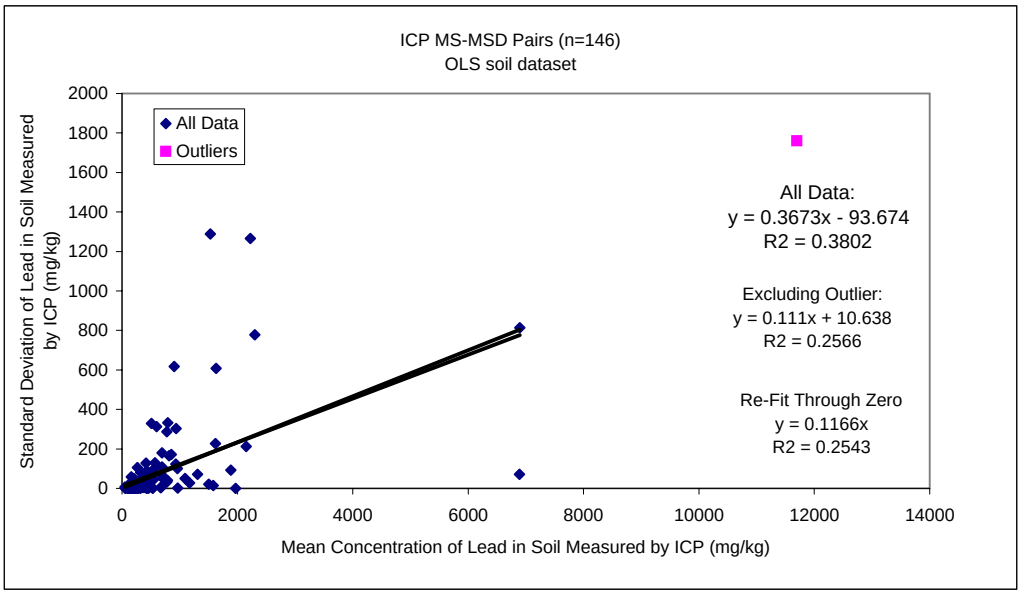

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.506604
R Square	0.256648
Adjusted R	0.251821
Standard E	161.5376
Observatio	156

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regressior	1	1387430.4	1387430.4	53.16966073	1.50336E-11
Residual	154	4018537.7	26094.401		
Total	155	5405968.2			

	Coefficients	*standard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*pper 95.0%*
Intercept	10.63848	15.189852	0.7003674	0.484754639	-19.36889369	40.64585	-19.36889	40.64585
X Variable	0.110985	0.0152206	7.2917529	1.50336E-11	0.080916661	0.141053	0.080917	0.141053

REFIT THROUGH ZERO

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.586284
R Square	0.343729
Adjusted R	0.337277
Standard E	161.2719
Observatio	156

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regressior	1	2111455.4	2111455.4	81.18287983	7.48463E-16
Residual	155	4031337.4	26008.629		
Total	156	6142792.8			

	Coefficients	*standard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*pper 95.0%*
Intercept	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
X Variable	0.116575	0.0129382	9.0101543	7.19099E-16	0.0910173	0.142133	0.091017	0.142133

FIGURE F-4 - SIGMA Y ESTIMATE FOR LEAD IN INDOOR DUST

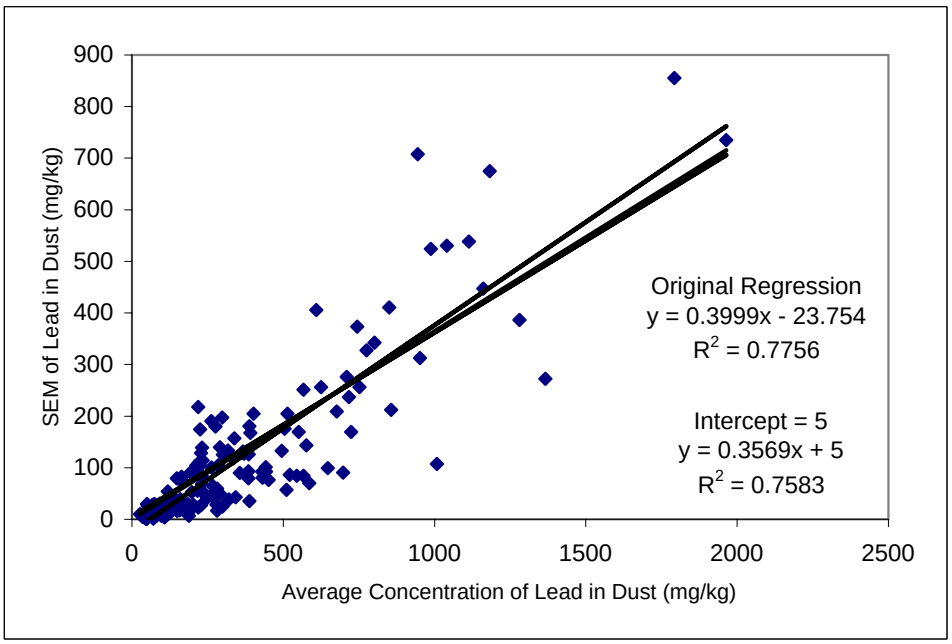

SUMMARY OUTPUT - Original Regression

Regression Statistics	
Multiple R	0.880661
R Square	0.775564
Adjusted R	0.774106
Standard E	72.35289
Observatio	156

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regressior	1	2785842	2785842	532.1631	7.87E-52
Residual	154	806180.8	5234.94		
Total	155	3592023			

	Coefficients	*tandard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*Upper 95.0%*
Intercept	-23.75433	8.343464	-2.847059	0.005015	-40.23674	-7.271919	-40.23674	-7.271919
X Variable	0.399934	0.017337	23.06866	7.87E-52	0.365685	0.434182	0.365685	0.434182

FIGURE F-5. XRF vs ICP SIMULTION RESULTS FOR LEAD

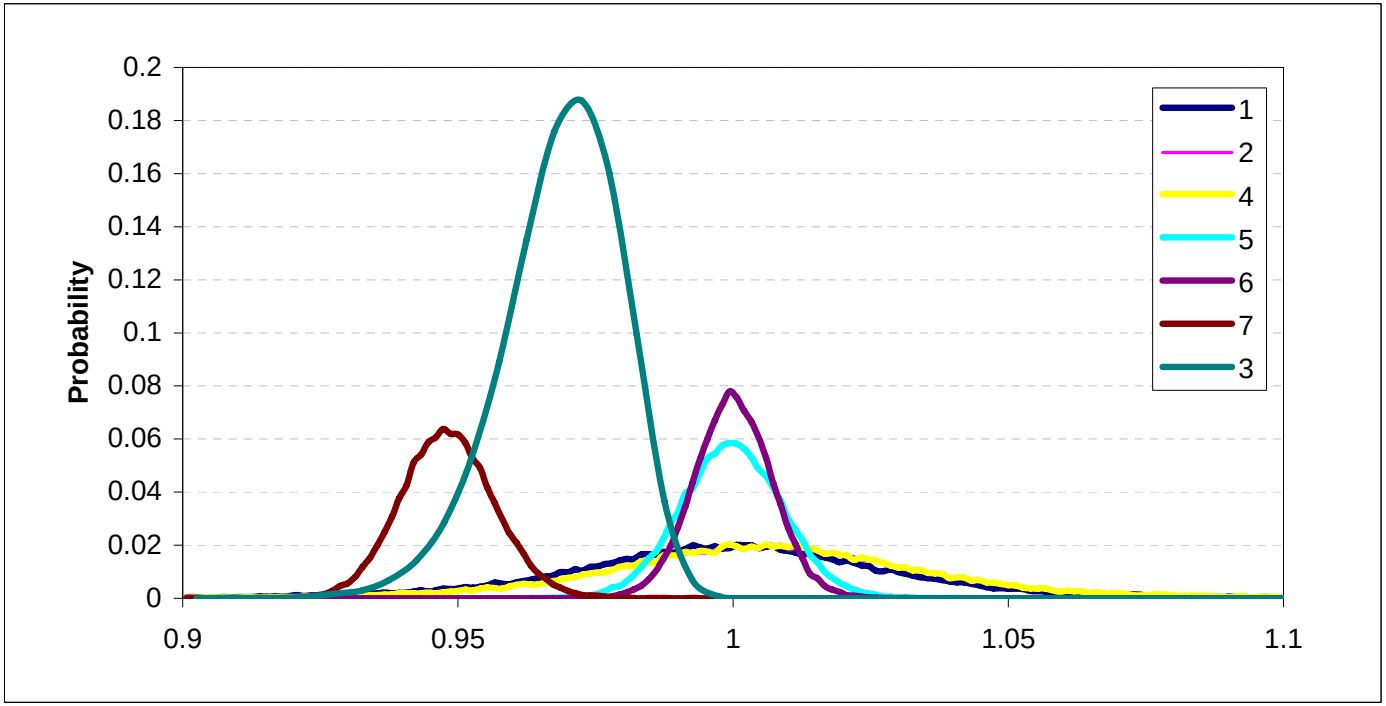

1 = Ordinary Linear Regression (OLR)
2 = 95th UCL of the OLR Mean
3 = Chi Square Merit Function
4 = Geometric Mean Functional Relationship
5 = Three Group
* 6 = One Group (zero intercept)
7 = One Group (non-zero intercept)

**recommended for use in the risk assessment*

Figure F-6. Correlation of XRF and ICP Results for Lead

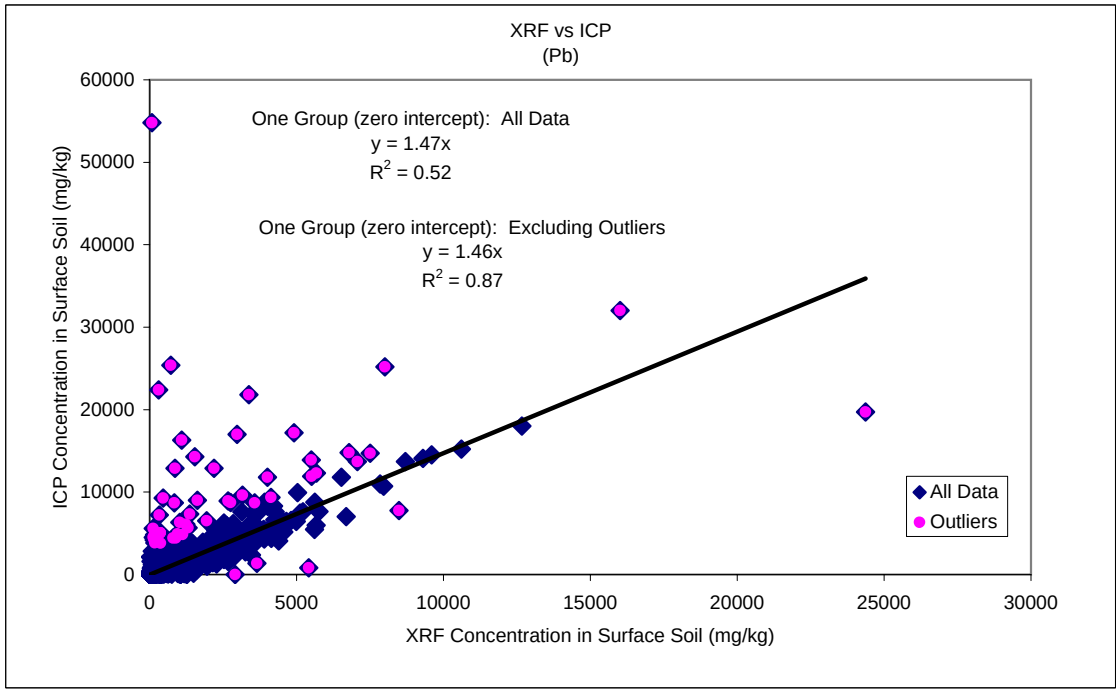

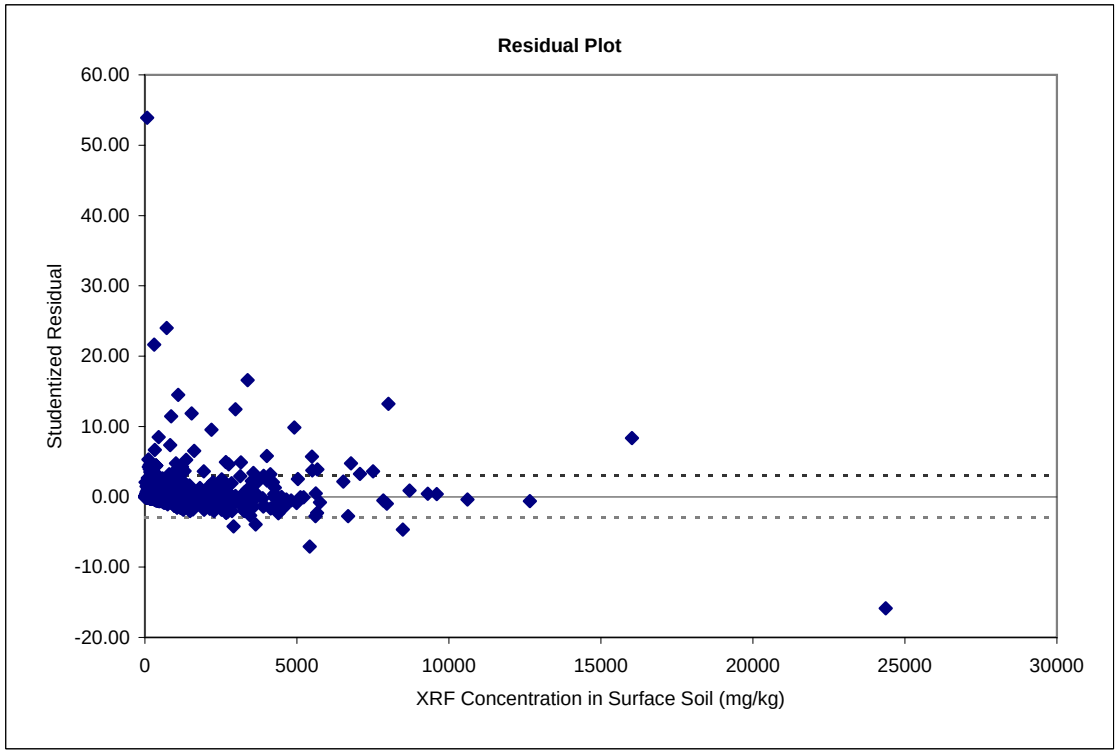

Figure F-7. Correlation of XRF and ICP Results for Lead
(restricted data set: 0 - 1,000 mg/kg ICP)

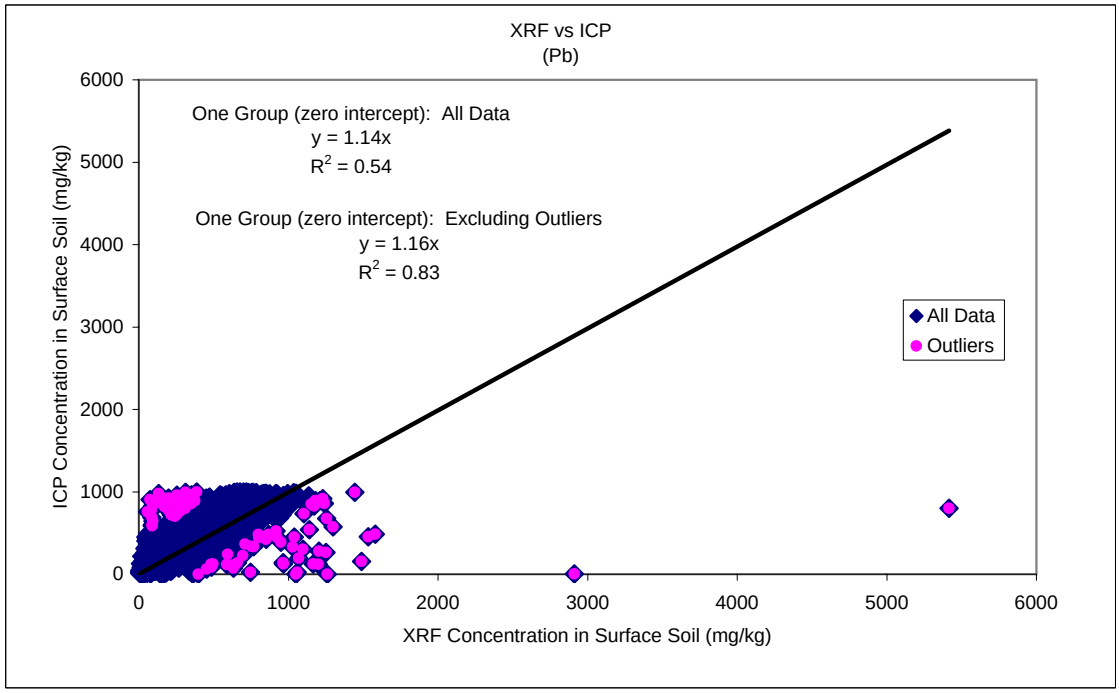

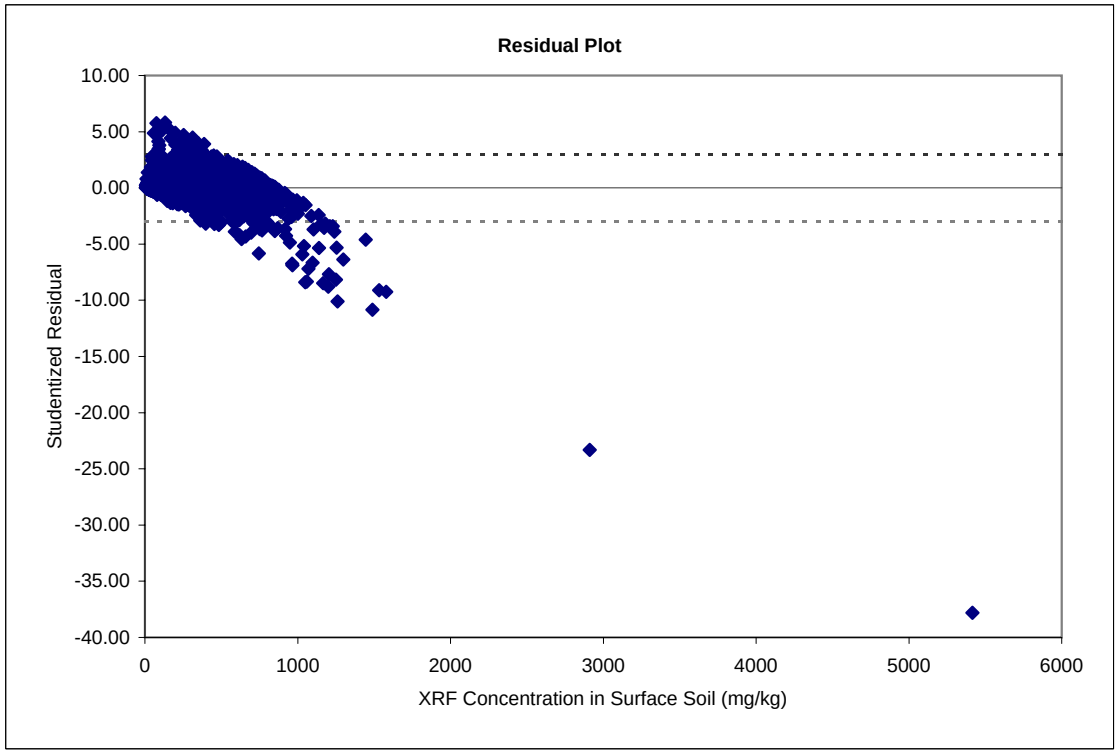

FIGURE F-8. BULK vs FINE SIMULATION RESULTS FOR LEAD

PANEL A.

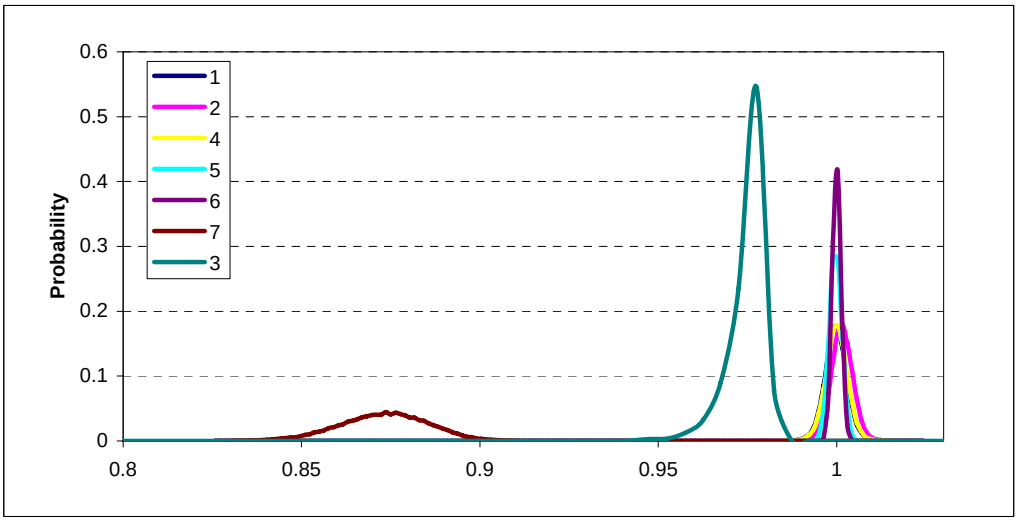

PANEL B.

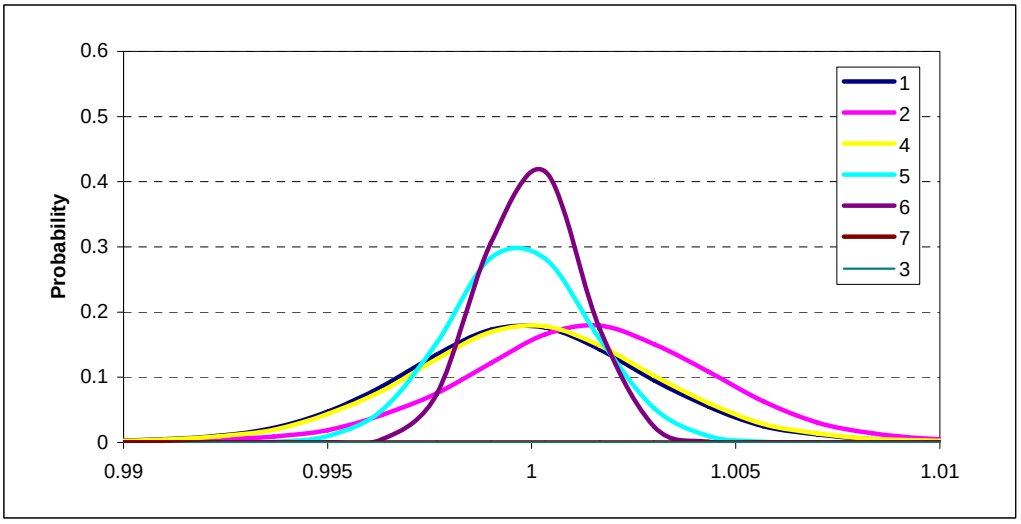

1 = Ordinary Linear Regression (OLR)
2 = 95th UCL of the OLR Mean
3 = Chi Square Merit Function
4 = Geometric Mean Functional Relationship
5 = Three Group
*6 = One Group (zero intercept)
7 = One Group (non-zero intercept)

* recommended for use in the risk assessment

FIGURE F-9. BULK VS. FINE RELATIONSHIP FOR LEAD

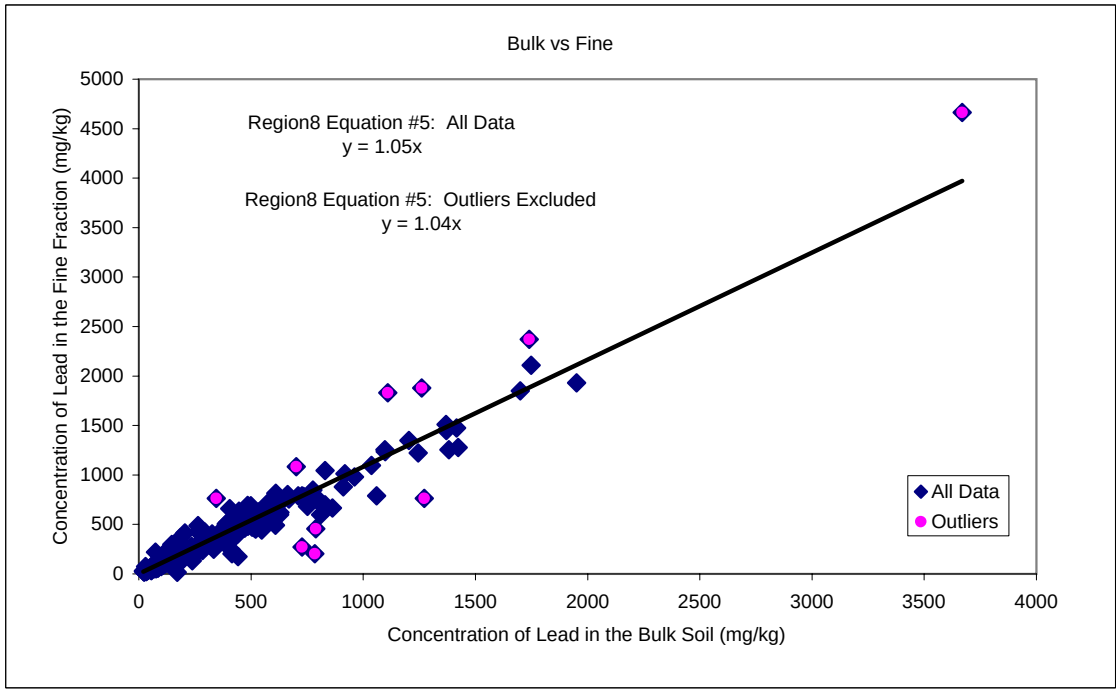

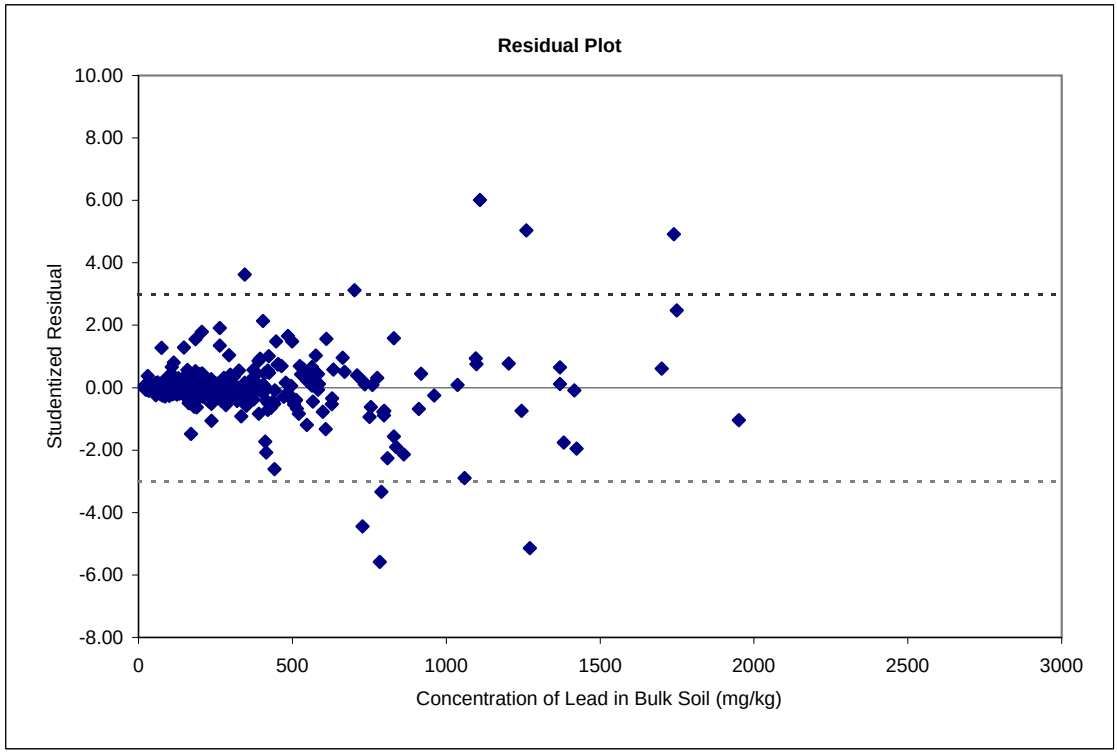

FIGURE F-10. SOIL VS DUST SIMULATION RESULTS FOR LEAD

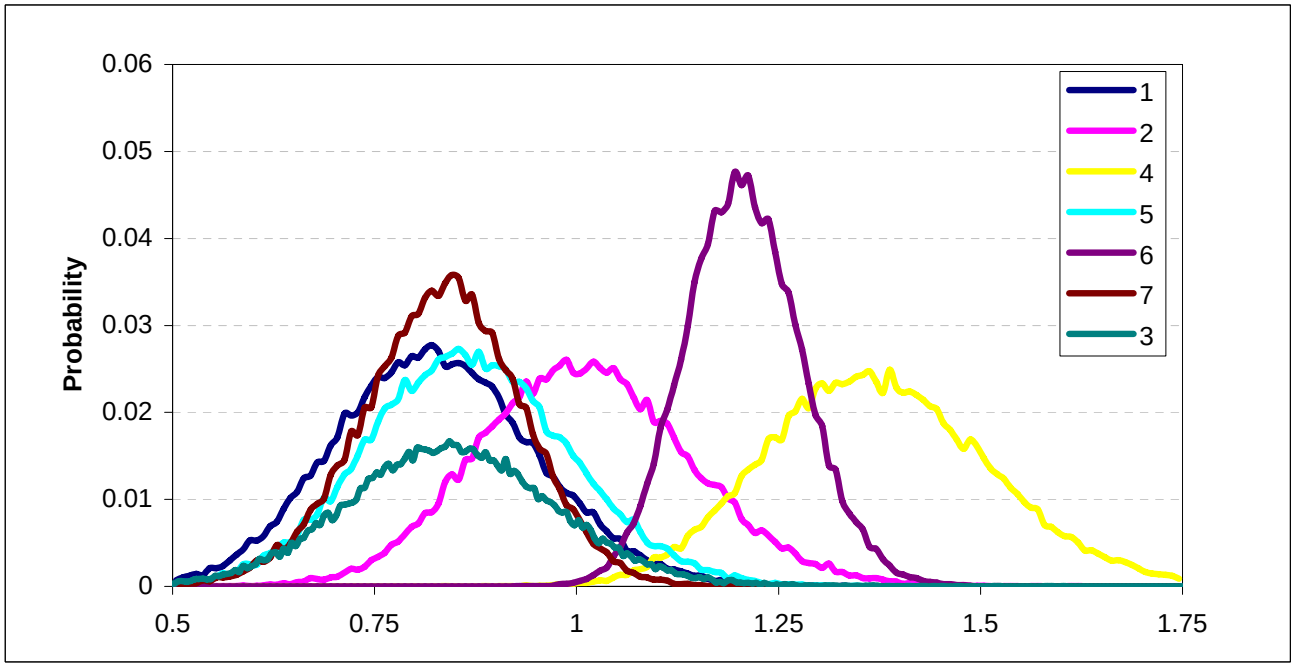

1 = Ordinary Linear Regression (OLR)
*2 = 95th UCL of the OLR Mean
3 = Chi Square Merit Function
4 = Geometric Mean Functional Relationship
5 = Three Group
6 = One Group
7 = One Group (non-zero intercept)

**recommended for use in risk assessment*

FIGURE F-11. SOIL VS. DUST RELATIONSHIP FOR LEAD

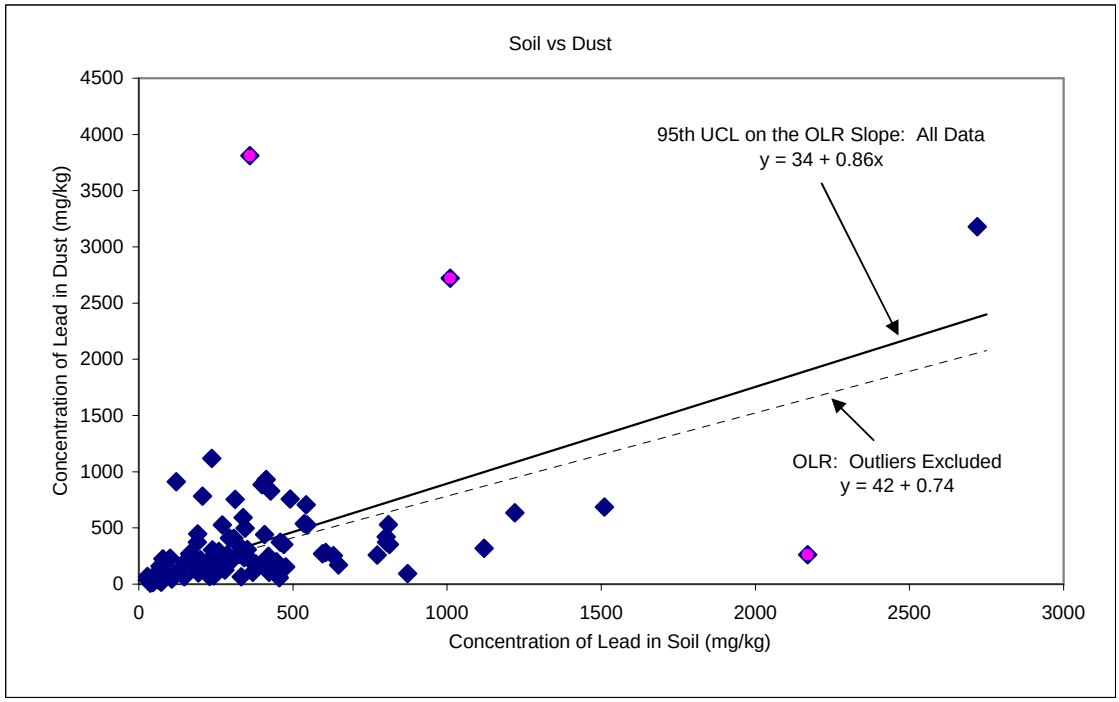

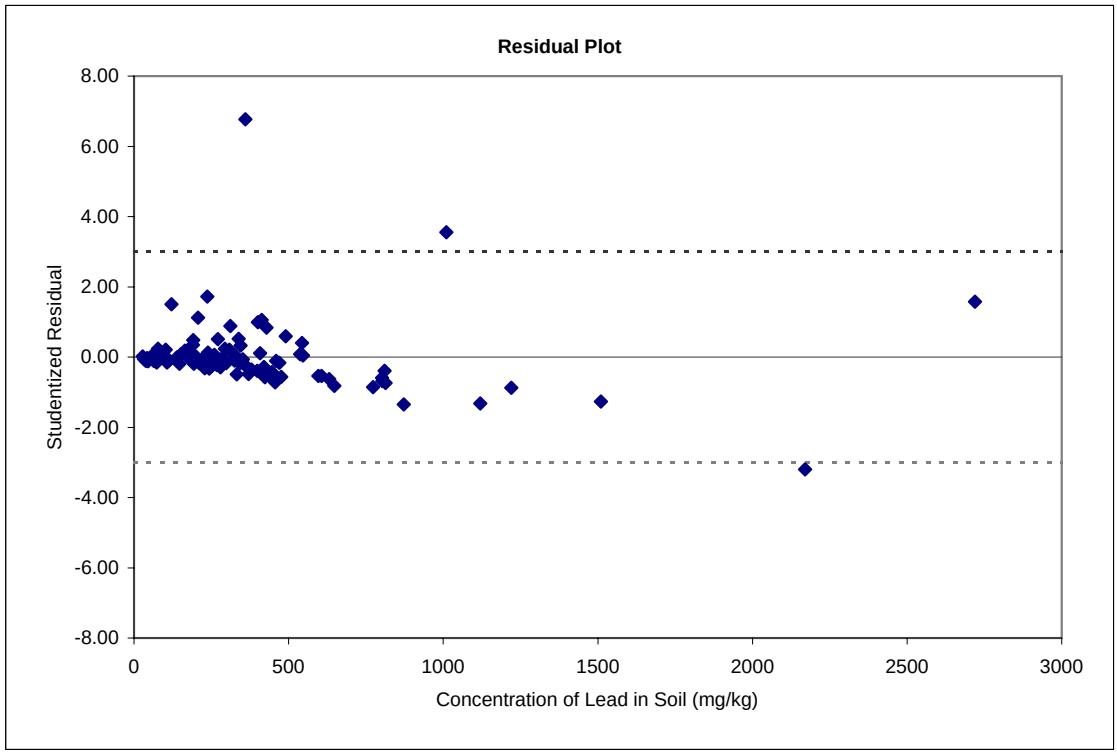

APPENDIX G

Exposure Point Concentrations

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust
Table G-2. Exposure Point Concentrations for Non-Lead COPCs in Soil (except for Zinc)
Table G-3. Exposure Point Concentrations for Zinc in Soil

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1606	68102	LEAD	2	483	575	400	468
22418	68102	LEAD	1	165	165	164	164
22422	68102	LEAD	1	187	187	180	180
22428	68102	LEAD	1	327	327	284	284
22433	68102	LEAD	3	329	400	285	338
22481	68102	LEAD	2	780	963	619	755
22485	68102	LEAD	4	569	1079	463	840
22486	68102	LEAD	2	29	47	64	77
22489	68102	LEAD	1	281	281	250	250
22493	68102	LEAD	5	403	683	340	547
22513	68102	LEAD	2	478	514	396	423
22520	68102	LEAD	4	179	276	175	246
22565	68102	LEAD	1	274	274	244	244
22572	68102	LEAD	4	365	499	312	412
22573	68102	LEAD	4	188	246	181	224
22583	68102	LEAD	2	105	175	119	172
22589	68102	LEAD	2	750	1257	597	972
22611	68102	LEAD	2	497	744	410	593
22614	68102	LEAD	2	779	903	618	710
22649	68102	LEAD	4	186	238	179	218
22714	68102	LEAD	4	124	154	134	156
22719	68102	LEAD	3	59	80	85	101
22725	68102	LEAD	3	136	196	143	187
22743	68102	LEAD	4	362	700	310	560
22770	68102	LEAD	2	218	309	204	271
22782	68102	LEAD	4	487	1028	402	803
22786	68102	LEAD	4	115	165	127	164
22824	68102	LEAD	3	419	520	352	427
22840	68102	LEAD	4	288	430	255	360
22842	68102	LEAD	2	410	443	346	370
22886	68102	LEAD	4	756	1887	602	1438
23026	68102	LEAD	2	135	210	142	197
23034	68102	LEAD	2	49	50	78	79
23694	68102	LEAD	4	138	277	144	247
23695	68102	LEAD	2	185	210	179	197
24637	68102	LEAD	4	661	1204	531	933
25172	68102	LEAD	4	405	620	342	501
25233	68102	LEAD	4	360	630	308	508
25264	68102	LEAD	4	490	605	405	490
25270	68102	LEAD	4	55	77	83	99
25283	68102	LEAD	4	789	1348	626	1039
25428	68102	LEAD	2	597	623	484	503
25439	68102	LEAD	4	420	816	353	646
25451	68102	LEAD	4	295	483	260	399
25535	68102	LEAD	4	388	468	329	388

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25553	68102	LEAD	4	51	58	80	85
25561	68102	LEAD	4	68	99	92	115
25567	68102	LEAD	4	188	252	181	228
25597	68102	LEAD	4	289	332	256	288
25626	68102	LEAD	4	310	373	272	318
25632	68102	LEAD	4	131	174	139	171
25654	68102	LEAD	4	51	93	80	111
25656	68102	LEAD	4	400	640	338	516
25666	68102	LEAD	4	48	52	77	80
25676	68102	LEAD	4	105	145	120	149
25700	68102	LEAD	4	134	358	141	307
25717	68102	LEAD	4	34	42	67	73
25720	68102	LEAD	4	203	300	193	264
25725	68102	LEAD	4	43	59	74	86
25792	68102	LEAD	4	32	39	66	71
25795	68102	LEAD	4	35	46	68	76
25852	68102	LEAD	4	34	47	67	77
25857	68102	LEAD	4	36	38	68	70
25889	68102	LEAD	4	292	369	258	315
25891	68102	LEAD	4	122	216	132	202
25905	68102	LEAD	4	34	49	67	78
25914	68102	LEAD	4	37	45	70	75
55757	68102	LEAD	2	63	87	88	106
90101	68102	LEAD	4	70	94	94	112
90103	68102	LEAD	4	87	150	107	153
90104	68102	LEAD	4	96	136	113	143
202	68104	LEAD	6	99	157	115	158
319	68104	LEAD	4	321	395	280	334
518	68104	LEAD	3	143	170	148	168
782	68104	LEAD	3	246	419	224	352
2133	68104	LEAD	2	111	114	124	126
2275	68104	LEAD	5	400	478	338	396
5019	68104	LEAD	3	104	131	119	139
5020	68104	LEAD	4	297	586	261	476
5021	68104	LEAD	3	166	190	165	183
5026	68104	LEAD	4	119	166	130	165
5141	68104	LEAD	4	226	639	209	515
5142	68104	LEAD	4	196	411	187	346
5143	68104	LEAD	4	339	491	293	406
5144	68104	LEAD	5	84	126	104	135
5145	68104	LEAD	4	118	214	129	200
5147	68104	LEAD	4	175	304	171	267
5149	68104	LEAD	4	327	545	284	445
50476	68104	LEAD	3	221	298	206	262
50480	68104	LEAD	5	143	268	148	240

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50551	68104	LEAD	4	106	150	121	153
50584	68104	LEAD	3	423	932	355	732
50647	68104	LEAD	3	77	84	99	104
52417	68104	LEAD	4	170	238	168	218
57976	68104	LEAD	4	205	269	194	241
63438	68104	LEAD	3	407	714	343	570
63851	68104	LEAD	5	52	64	80	89
65573	68104	LEAD	5	233	728	214	580
2	68105	LEAD	5	154	283	156	251
4	68105	LEAD	4	196	438	187	366
8	68105	LEAD	4	161	261	161	235
10	68105	LEAD	3	54	84	82	104
12	68105	LEAD	4	104	158	119	159
16	68105	LEAD	2	213	247	200	225
18	68105	LEAD	4	163	205	163	194
20	68105	LEAD	4	91	112	109	125
22	68105	LEAD	4	202	594	192	482
25	68105	LEAD	4	128	215	137	201
26	68105	LEAD	4	86	145	106	149
27	68105	LEAD	4	67	134	91	141
28	68105	LEAD	4	204	249	193	226
32	68105	LEAD	3	431	489	361	404
67	68105	LEAD	3	678	840	544	664
69	68105	LEAD	1	219	219	204	204
70	68105	LEAD	4	507	591	417	480
90	68105	LEAD	4	322	383	280	326
123	68105	LEAD	4	419	642	352	517
127	68105	LEAD	4	518	1173	425	910
137	68105	LEAD	2	949	1173	744	910
218	68105	LEAD	3	243	400	222	338
237	68105	LEAD	5	683	1568	548	1203
266	68105	LEAD	4	417	708	350	566
440	68105	LEAD	4	290	453	257	377
441	68105	LEAD	5	487	657	402	528
733	68105	LEAD	3	913	2328	718	1765
762	68105	LEAD	3	200	419	190	352
773	68105	LEAD	3	186	454	179	378
777	68105	LEAD	4	389	631	330	509
827	68105	LEAD	4	69	166	93	165
835	68105	LEAD	4	182	213	177	199
838	68105	LEAD	4	270	403	242	340
875	68105	LEAD	5	296	473	261	392
888	68105	LEAD	2	653	1010	525	790
891	68105	LEAD	3	554	623	452	503
898	68105	LEAD	4	334	692	289	554

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
899	68105	LEAD	3	160	350	161	301
920	68105	LEAD	3	166	196	165	187
963	68105	LEAD	5	37	70	69	94
964	68105	LEAD	4	37	71	70	94
999	68105	LEAD	5	239	268	219	240
1000	68105	LEAD	4	317	521	277	427
1020	68105	LEAD	5	296	487	261	402
1026	68105	LEAD	4	449	559	375	456
1028	68105	LEAD	3	245	369	224	315
1035	68105	LEAD	4	172	211	170	198
1043	68105	LEAD	3	256	359	232	307
1049	68105	LEAD	3	183	255	178	231
1052	68105	LEAD	3	222	238	206	218
1054	68105	LEAD	4	513	918	421	722
1056	68105	LEAD	4	95	127	112	136
1076	68105	LEAD	4	309	737	271	588
1079	68105	LEAD	4	340	583	294	473
1102	68105	LEAD	4	447	627	373	506
1109	68105	LEAD	4	496	708	409	566
1174	68105	LEAD	5	117	157	128	159
1197	68105	LEAD	2	313	354	273	304
1237	68105	LEAD	3	372	479	317	396
1245	68105	LEAD	4	60	133	86	141
1248	68105	LEAD	2	156	167	157	166
1249	68105	LEAD	3	311	449	272	374
1252	68105	LEAD	3	189	228	182	210
1253	68105	LEAD	2	168	211	166	198
1257	68105	LEAD	3	150	169	153	167
1258	68105	LEAD	4	310	554	271	452
1259	68105	LEAD	4	190	276	182	246
1260	68105	LEAD	2	118	168	129	166
1267	68105	LEAD	4	341	583	294	473
1269	68105	LEAD	4	237	323	218	281
1271	68105	LEAD	5	148	183	152	178
1273	68105	LEAD	4	555	724	452	578
1280	68105	LEAD	4	472	784	391	622
1282	68105	LEAD	4	204	269	193	241
1286	68105	LEAD	3	289	554	256	452
1287	68105	LEAD	2	188	282	181	250
1293	68105	LEAD	4	113	158	126	159
1294	68105	LEAD	3	239	301	219	265
1297	68105	LEAD	4	190	313	182	273
1299	68105	LEAD	3	128	176	136	172
1300	68105	LEAD	4	216	284	202	252
1301	68105	LEAD	3	117	133	129	140

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1303	68105	LEAD	4	147	229	151	211
1311	68105	LEAD	3	210	327	198	284
1312	68105	LEAD	4	318	354	277	304
1367	68105	LEAD	3	80	121	101	131
1393	68105	LEAD	5	132	168	140	166
1399	68105	LEAD	1	89	89	108	108
1403	68105	LEAD	3	418	593	351	481
1410	68105	LEAD	4	126	154	135	156
1411	68105	LEAD	3	369	425	315	357
1416	68105	LEAD	4	134	209	141	196
1419	68105	LEAD	4	475	762	394	606
1420	68105	LEAD	3	398	523	337	429
1452	68105	LEAD	3	214	354	200	304
1459	68105	LEAD	3	143	152	148	155
1503	68105	LEAD	5	99	160	115	160
1515	68105	LEAD	3	190	206	182	195
1520	68105	LEAD	4	241	258	221	233
1524	68105	LEAD	4	326	535	283	438
1528	68105	LEAD	2	341	437	294	365
1533	68105	LEAD	4	65	88	90	107
1572	68105	LEAD	3	501	840	413	664
1592	68105	LEAD	4	389	490	330	405
1593	68105	LEAD	3	261	301	235	265
1596	68105	LEAD	4	142	284	147	253
1598	68105	LEAD	4	495	819	408	648
1600	68105	LEAD	4	362	425	310	357
1604	68105	LEAD	4	95	152	112	154
1617	68105	LEAD	3	195	264	187	237
1623	68105	LEAD	4	351	685	301	549
1626	68105	LEAD	4	322	512	280	421
1627	68105	LEAD	3	145	155	149	157
1630	68105	LEAD	4	179	227	175	210
1638	68105	LEAD	4	298	420	262	352
2106	68105	LEAD	5	187	221	180	206
2115	68105	LEAD	4	130	168	138	166
2171	68105	LEAD	2	84	109	104	123
2229	68105	LEAD	2	149	222	152	206
2237	68105	LEAD	4	365	462	312	384
2272	68105	LEAD	1	322	322	280	280
2299	68105	LEAD	4	251	345	228	297
2300	68105	LEAD	3	194	229	186	211
2308	68105	LEAD	4	241	395	220	334
2395	68105	LEAD	2	361	441	309	368
2397	68105	LEAD	4	157	170	158	168
2403	68105	LEAD	4	100	129	116	138

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
2438	68105	LEAD	5	272	335	244	290
2439	68105	LEAD	4	171	283	168	251
2441	68105	LEAD	4	45	60	75	87
2445	68105	LEAD	4	568	1047	462	817
2448	68105	LEAD	4	348	803	300	637
2449	68105	LEAD	2	216	252	201	229
2451	68105	LEAD	4	304	466	267	387
2452	68105	LEAD	4	377	439	321	367
2453	68105	LEAD	2	62	82	88	102
2458	68105	LEAD	4	419	612	352	495
2459	68105	LEAD	4	646	777	520	617
2460	68105	LEAD	4	299	425	263	357
2462	68105	LEAD	4	387	468	329	388
2465	68105	LEAD	4	148	193	151	185
2466	68105	LEAD	3	329	386	286	327
2468	68105	LEAD	5	310	426	272	357
2470	68105	LEAD	4	412	732	347	584
2475	68105	LEAD	4	215	351	201	302
2501	68105	LEAD	4	260	320	235	279
3007	68105	LEAD	3	238	309	218	270
3027	68105	LEAD	4	225	262	208	236
3041	68105	LEAD	4	46	57	76	84
3076	68105	LEAD	4	163	267	163	239
3087	68105	LEAD	4	593	1545	481	1186
3118	68105	LEAD	3	70	95	94	112
3203	68105	LEAD	5	231	346	213	298
3207	68105	LEAD	4	54	84	82	104
3208	68105	LEAD	2	130	135	138	142
3209	68105	LEAD	4	214	261	200	235
5002	68105	LEAD	4	279	340	248	294
5033	68105	LEAD	4	162	304	162	267
5049	68105	LEAD	4	93	128	111	137
5050	68105	LEAD	4	203	358	192	307
5051	68105	LEAD	5	290	482	257	399
5052	68105	LEAD	3	168	217	166	202
5053	68105	LEAD	4	159	185	160	179
5054	68105	LEAD	5	146	223	150	207
5055	68105	LEAD	4	269	403	241	341
5056	68105	LEAD	4	401	501	338	413
5057	68105	LEAD	4	211	289	198	256
5058	68105	LEAD	5	233	387	214	329
5059	68105	LEAD	4	581	948	472	743
5061	68105	LEAD	4	261	315	235	275
5099	68105	LEAD	5	66	85	91	105
5102	68105	LEAD	4	425	476	357	394

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5103	68105	LEAD	4	294	400	259	338
5104	68105	LEAD	6	229	583	211	473
5105	68105	LEAD	4	412	711	347	568
5106	68105	LEAD	4	403	586	340	476
5108	68105	LEAD	4	254	388	230	329
5109	68105	LEAD	4	430	703	360	562
5110	68105	LEAD	4	155	227	157	210
5111	68105	LEAD	4	165	229	164	212
5112	68105	LEAD	4	203	264	192	237
5113	68105	LEAD	3	45	54	75	82
5114	68105	LEAD	4	178	320	174	279
5116	68105	LEAD	4	318	442	277	369
5117	68105	LEAD	4	265	409	238	345
5123	68105	LEAD	4	368	513	314	422
5124	68105	LEAD	5	1135	3835	882	2880
5126	68105	LEAD	4	213	331	199	287
5127	68105	LEAD	4	137	188	144	181
5128	68105	LEAD	5	127	196	136	187
5129	68105	LEAD	4	790	1778	627	1358
5132	68105	LEAD	5	99	178	115	174
5133	68105	LEAD	4	167	329	166	285
5134	68105	LEAD	4	63	106	88	120
5135	68105	LEAD	4	93	112	111	125
5136	68105	LEAD	4	82	116	103	128
5190	68105	LEAD	4	320	406	279	343
5281	68105	LEAD	4	393	658	333	529
5325	68105	LEAD	6	334	568	289	462
5326	68105	LEAD	4	94	159	112	160
5331	68105	LEAD	5	333	734	288	585
5336	68105	LEAD	4	187	277	181	247
5337	68105	LEAD	5	137	228	144	211
5338	68105	LEAD	4	333	516	288	424
5339	68105	LEAD	4	335	454	290	378
5340	68105	LEAD	4	302	413	266	347
5341	68105	LEAD	5	613	778	496	618
5342	68105	LEAD	4	308	487	270	402
5343	68105	LEAD	2	331	366	287	313
5344	68105	LEAD	3	514	814	423	644
5345	68105	LEAD	4	397	478	335	396
5346	68105	LEAD	4	619	825	500	652
5347	68105	LEAD	5	185	353	179	303
5349	68105	LEAD	4	471	842	390	665
5350	68105	LEAD	4	234	294	215	259
5351	68105	LEAD	4	206	360	194	309
5352	68105	LEAD	4	360	450	308	375

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5353	68105	LEAD	4	568	652	463	525
5354	68105	LEAD	4	333	570	289	464
5355	68105	LEAD	4	637	854	514	674
5356	68105	LEAD	3	421	589	354	478
5357	68105	LEAD	4	204	314	193	274
5358	68105	LEAD	4	344	395	296	334
5359	68105	LEAD	5	377	767	321	609
5360	68105	LEAD	4	173	230	170	212
5361	68105	LEAD	5	352	544	303	444
5362	68105	LEAD	2	144	147	149	151
5363	68105	LEAD	5	100	157	116	158
5364	68105	LEAD	4	359	454	308	378
5365	68105	LEAD	4	152	184	154	178
5366	68105	LEAD	6	278	794	248	630
5367	68105	LEAD	4	139	213	145	200
5368	68105	LEAD	4	115	159	127	160
5369	68105	LEAD	4	147	184	151	178
5370	68105	LEAD	5	208	337	196	291
5371	68105	LEAD	4	103	133	118	140
5372	68105	LEAD	5	235	290	216	256
5382	68105	LEAD	2	92	97	110	114
5383	68105	LEAD	2	171	196	168	187
5478	68105	LEAD	4	216	298	202	262
5486	68105	LEAD	4	185	294	179	260
5487	68105	LEAD	5	248	416	226	350
5488	68105	LEAD	3	169	230	167	212
5489	68105	LEAD	4	518	707	425	566
5490	68105	LEAD	3	202	277	192	247
5493	68105	LEAD	1	553	553	452	452
5494	68105	LEAD	2	332	399	287	337
5495	68105	LEAD	4	821	1192	650	924
5508	68105	LEAD	4	173	201	170	191
5509	68105	LEAD	4	130	205	138	193
5575	68105	LEAD	4	443	786	370	623
5596	68105	LEAD	5	443	824	370	652
5597	68105	LEAD	4	255	339	231	293
5598	68105	LEAD	3	188	194	181	185
5602	68105	LEAD	4	82	104	103	119
5604	68105	LEAD	4	307	429	270	359
5610	68105	LEAD	4	653	1159	525	900
12689	68105	LEAD	4	75	92	97	110
12720	68105	LEAD	4	123	145	133	150
12756	68105	LEAD	6	57	80	84	101
12779	68105	LEAD	4	58	70	85	94
12784	68105	LEAD	3	46	55	76	83

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12797	68105	LEAD	4	92	117	110	129
12799	68105	LEAD	5	89	224	108	208
12802	68105	LEAD	5	107	160	121	160
12805	68105	LEAD	4	74	85	97	105
12860	68105	LEAD	5	96	106	113	121
12862	68105	LEAD	5	103	266	119	239
12863	68105	LEAD	4	110	201	123	191
12864	68105	LEAD	5	48	66	77	91
12866	68105	LEAD	5	83	115	104	127
12867	68105	LEAD	4	67	103	92	118
12868	68105	LEAD	5	118	201	129	191
12869	68105	LEAD	4	152	189	155	182
12872	68105	LEAD	5	127	191	136	184
12873	68105	LEAD	5	255	534	231	437
12875	68105	LEAD	5	98	161	114	161
12886	68105	LEAD	4	72	83	95	103
12955	68105	LEAD	4	49	68	78	92
12958	68105	LEAD	5	78	156	100	158
12961	68105	LEAD	5	81	116	102	128
12962	68105	LEAD	5	113	211	125	198
12963	68105	LEAD	4	76	100	98	116
12964	68105	LEAD	5	69	84	93	104
12968	68105	LEAD	4	81	96	102	113
12969	68105	LEAD	4	94	163	111	163
12971	68105	LEAD	5	74	91	97	109
12973	68105	LEAD	4	62	66	88	91
12974	68105	LEAD	3	59	64	86	89
12995	68105	LEAD	5	121	150	132	153
13009	68105	LEAD	5	178	463	174	384
13015	68105	LEAD	4	112	143	125	148
13023	68105	LEAD	3	68	79	93	101
13025	68105	LEAD	4	118	139	129	145
13032	68105	LEAD	4	89	128	108	136
13050	68105	LEAD	5	113	190	126	182
13053	68105	LEAD	4	141	198	146	188
13057	68105	LEAD	4	101	115	117	127
13062	68105	LEAD	4	87	135	107	142
13063	68105	LEAD	4	169	243	167	222
13064	68105	LEAD	4	144	173	149	170
13065	68105	LEAD	4	90	165	109	164
13066	68105	LEAD	4	287	553	254	451
13068	68105	LEAD	4	229	404	212	341
13069	68105	LEAD	4	151	421	154	354
13070	68105	LEAD	4	119	156	130	157
13072	68105	LEAD	5	83	126	103	135

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13073	68105	LEAD	4	103	161	118	161
13074	68105	LEAD	4	84	128	104	137
13076	68105	LEAD	4	331	699	287	559
13077	68105	LEAD	2	136	170	142	168
13078	68105	LEAD	5	186	248	179	226
13080	68105	LEAD	4	74	94	97	112
13081	68105	LEAD	4	216	366	202	313
13083	68105	LEAD	4	100	127	116	136
13084	68105	LEAD	4	123	191	133	183
13085	68105	LEAD	3	108	136	122	143
13086	68105	LEAD	4	82	115	103	127
13087	68105	LEAD	4	57	83	84	103
13088	68105	LEAD	4	83	134	103	141
13089	68105	LEAD	4	227	404	210	341
13091	68105	LEAD	4	183	262	177	236
13092	68105	LEAD	3	52	66	81	91
13093	68105	LEAD	4	111	142	124	147
13095	68105	LEAD	4	286	575	254	468
13098	68105	LEAD	4	208	358	196	307
13100	68105	LEAD	5	147	226	151	209
13104	68105	LEAD	5	98	178	115	173
13106	68105	LEAD	4	160	188	160	181
13107	68105	LEAD	4	119	175	130	171
13111	68105	LEAD	4	104	140	119	146
13114	68105	LEAD	4	179	368	175	314
13122	68105	LEAD	5	184	376	178	320
13124	68105	LEAD	4	125	158	134	159
13129	68105	LEAD	4	272	431	244	361
13147	68105	LEAD	4	100	154	116	156
13151	68105	LEAD	4	116	198	128	188
13158	68105	LEAD	4	171	208	169	196
13163	68105	LEAD	5	124	216	134	202
13165	68105	LEAD	5	253	367	229	314
13166	68105	LEAD	4	201	238	190	218
13167	68105	LEAD	4	126	173	135	170
13168	68105	LEAD	3	267	374	240	319
13170	68105	LEAD	4	188	223	181	207
13172	68105	LEAD	4	87	118	106	129
13173	68105	LEAD	4	146	257	150	233
13175	68105	LEAD	4	146	168	150	166
13178	68105	LEAD	4	178	347	174	299
13179	68105	LEAD	5	131	255	139	230
13180	68105	LEAD	4	124	157	134	158
13181	68105	LEAD	5	79	97	101	113
13182	68105	LEAD	4	77	93	99	111

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13183	68105	LEAD	4	127	199	136	189
13185	68105	LEAD	4	260	570	235	464
13187	68105	LEAD	4	153	191	155	183
13191	68105	LEAD	5	243	364	222	311
13194	68105	LEAD	4	95	106	113	120
13197	68105	LEAD	4	93	148	111	151
13200	68105	LEAD	5	275	475	245	393
13201	68105	LEAD	5	161	210	161	197
13202	68105	LEAD	4	517	874	424	688
13204	68105	LEAD	4	140	150	146	153
13207	68105	LEAD	4	167	237	165	218
13209	68105	LEAD	4	72	99	95	115
13211	68105	LEAD	4	106	148	120	151
13212	68105	LEAD	4	52	69	81	93
13215	68105	LEAD	5	102	149	117	152
13216	68105	LEAD	4	133	185	140	179
13219	68105	LEAD	5	154	317	156	277
13221	68105	LEAD	5	85	119	105	130
13223	68105	LEAD	4	65	95	90	112
13234	68105	LEAD	4	104	171	119	168
13236	68105	LEAD	4	134	216	141	202
13237	68105	LEAD	4	180	269	176	241
13238	68105	LEAD	4	71	136	95	143
13240	68105	LEAD	5	61	77	87	99
13243	68105	LEAD	4	70	86	94	106
13244	68105	LEAD	4	74	84	97	104
13245	68105	LEAD	4	84	155	105	157
13248	68105	LEAD	4	80	106	101	121
13249	68105	LEAD	4	95	122	113	132
13250	68105	LEAD	4	74	100	96	116
13252	68105	LEAD	4	51	59	80	86
13255	68105	LEAD	5	66	100	91	116
13257	68105	LEAD	5	112	317	125	276
13259	68105	LEAD	4	104	158	119	159
13262	68105	LEAD	4	93	106	111	121
13263	68105	LEAD	3	52	63	81	89
13265	68105	LEAD	4	125	164	134	164
13266	68105	LEAD	4	221	476	206	394
13268	68105	LEAD	4	129	161	137	161
13270	68105	LEAD	4	207	358	195	307
13272	68105	LEAD	4	167	263	165	237
13273	68105	LEAD	5	163	225	162	209
13274	68105	LEAD	5	389	875	330	689
13280	68105	LEAD	4	144	191	149	183
13281	68105	LEAD	4	81	97	102	113

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13282	68105	LEAD	4	142	211	147	198
13283	68105	LEAD	4	146	267	150	240
13285	68105	LEAD	4	119	209	130	196
13287	68105	LEAD	4	122	173	133	170
13288	68105	LEAD	4	66	88	91	107
13290	68105	LEAD	4	56	105	83	120
13294	68105	LEAD	4	71	86	94	106
13298	68105	LEAD	5	93	138	111	144
13299	68105	LEAD	4	82	94	103	111
13302	68105	LEAD	4	62	80	88	101
13303	68105	LEAD	5	67	96	92	113
13313	68105	LEAD	4	91	114	110	126
13315	68105	LEAD	4	61	62	87	88
13317	68105	LEAD	4	69	93	93	111
13319	68105	LEAD	6	87	174	106	171
13321	68105	LEAD	4	50	56	79	83
13322	68105	LEAD	4	42	46	73	76
13324	68105	LEAD	4	49	58	79	85
13325	68105	LEAD	4	71	99	95	115
13327	68105	LEAD	4	86	124	105	134
13331	68105	LEAD	4	58	79	85	100
13332	68105	LEAD	4	35	54	68	82
13334	68105	LEAD	4	68	96	92	113
13336	68105	LEAD	5	163	280	163	249
13343	68105	LEAD	4	199	303	189	266
13344	68105	LEAD	4	118	154	129	156
13345	68105	LEAD	4	53	71	81	95
13348	68105	LEAD	4	133	191	141	183
13350	68105	LEAD	4	49	64	78	89
13352	68105	LEAD	4	86	110	106	123
13354	68105	LEAD	4	154	231	156	213
13356	68105	LEAD	4	122	169	132	167
13358	68105	LEAD	4	89	116	108	128
13359	68105	LEAD	3	148	233	152	214
13361	68105	LEAD	5	215	291	201	257
13363	68105	LEAD	3	621	981	502	768
13364	68105	LEAD	5	119	136	130	143
13365	68105	LEAD	5	67	77	91	99
13366	68105	LEAD	4	162	255	162	230
13367	68105	LEAD	4	87	116	106	128
13369	68105	LEAD	4	263	572	236	465
13370	68105	LEAD	5	84	127	104	136
13372	68105	LEAD	4	186	290	179	257
13373	68105	LEAD	4	44	60	74	87
13375	68105	LEAD	3	224	245	208	223

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13376	68105	LEAD	4	52	75	81	98
13377	68105	LEAD	4	66	108	91	122
13379	68105	LEAD	4	74	114	97	127
13381	68105	LEAD	4	57	72	84	96
13382	68105	LEAD	5	86	117	106	128
13383	68105	LEAD	4	101	193	117	185
13384	68105	LEAD	4	89	145	108	149
13386	68105	LEAD	3	36	43	69	74
13387	68105	LEAD	4	264	683	237	547
13388	68105	LEAD	4	64	99	90	115
13389	68105	LEAD	4	141	252	146	228
13391	68105	LEAD	4	122	158	132	159
13392	68105	LEAD	4	47	67	77	91
13394	68105	LEAD	4	59	77	86	99
13395	68105	LEAD	4	78	85	100	105
13397	68105	LEAD	4	214	321	200	280
13398	68105	LEAD	5	55	78	82	100
13401	68105	LEAD	4	86	122	106	132
13402	68105	LEAD	4	150	214	153	200
13403	68105	LEAD	4	65	82	90	103
13404	68105	LEAD	4	48	74	77	97
13409	68105	LEAD	4	58	76	85	98
13410	68105	LEAD	4	45	54	75	82
13417	68105	LEAD	3	93	106	111	120
13421	68105	LEAD	4	92	173	110	170
13425	68105	LEAD	4	64	94	89	111
13426	68105	LEAD	4	56	62	83	88
13430	68105	LEAD	4	45	70	75	94
13432	68105	LEAD	5	101	235	117	216
13437	68105	LEAD	4	52	68	81	92
13438	68105	LEAD	4	54	80	82	101
13439	68105	LEAD	4	55	68	83	93
13441	68105	LEAD	4	88	116	107	128
13442	68105	LEAD	4	143	202	148	191
13443	68105	LEAD	4	62	88	88	107
13444	68105	LEAD	4	93	163	111	162
13446	68105	LEAD	3	57	93	84	111
13448	68105	LEAD	5	222	305	206	268
13453	68105	LEAD	5	341	655	295	527
13455	68105	LEAD	4	192	286	184	254
13456	68105	LEAD	4	292	428	258	359
13458	68105	LEAD	4	96	137	113	143
13459	68105	LEAD	2	58	59	85	85
13460	68105	LEAD	4	153	288	155	255
13461	68105	LEAD	4	73	128	96	137

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13462	68105	LEAD	4	81	134	102	141
13463	68105	LEAD	4	44	50	74	79
13464	68105	LEAD	4	156	169	157	167
13465	68105	LEAD	4	63	80	89	101
13467	68105	LEAD	5	174	417	171	350
13470	68105	LEAD	5	147	249	151	226
13471	68105	LEAD	4	233	678	215	544
13472	68105	LEAD	5	58	114	85	126
13475	68105	LEAD	4	127	197	136	188
13476	68105	LEAD	6	52	69	81	93
13479	68105	LEAD	4	128	237	137	217
13480	68105	LEAD	4	55	62	83	88
13482	68105	LEAD	4	172	247	169	224
13483	68105	LEAD	5	41	50	72	79
13484	68105	LEAD	4	144	218	148	204
13487	68105	LEAD	4	45	58	75	85
13489	68105	LEAD	4	66	101	91	117
13490	68105	LEAD	2	96	111	113	124
13491	68105	LEAD	4	60	72	86	95
13492	68105	LEAD	4	89	140	108	146
13493	68105	LEAD	5	36	49	69	78
13494	68105	LEAD	4	119	169	130	167
13495	68105	LEAD	4	61	82	87	103
13497	68105	LEAD	4	98	172	115	169
13500	68105	LEAD	4	122	192	132	184
13501	68105	LEAD	5	48	54	78	82
13504	68105	LEAD	4	169	193	167	185
13505	68105	LEAD	4	168	268	167	240
13506	68105	LEAD	4	59	67	85	92
13507	68105	LEAD	5	83	107	103	121
13508	68105	LEAD	4	48	65	77	90
13509	68105	LEAD	4	172	413	169	348
13511	68105	LEAD	5	275	493	246	407
13512	68105	LEAD	5	161	233	161	214
13513	68105	LEAD	4	64	107	89	121
13514	68105	LEAD	4	278	395	248	334
13515	68105	LEAD	4	45	60	76	86
13522	68105	LEAD	5	172	329	169	286
13523	68105	LEAD	4	47	61	77	87
13525	68105	LEAD	5	220	273	205	244
13526	68105	LEAD	4	143	260	148	234
13531	68105	LEAD	4	60	77	86	99
13532	68105	LEAD	6	48	71	77	95
13533	68105	LEAD	4	47	61	77	87
13534	68105	LEAD	3	79	109	100	123

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13537	68105	LEAD	5	67	96	91	113
13540	68105	LEAD	4	154	256	156	231
13541	68105	LEAD	3	102	134	117	141
13542	68105	LEAD	4	73	95	96	112
13543	68105	LEAD	4	70	145	94	149
13544	68105	LEAD	4	58	84	85	104
13547	68105	LEAD	4	47	72	77	95
13549	68105	LEAD	5	114	148	127	152
13551	68105	LEAD	4	113	136	125	143
13552	68105	LEAD	4	45	63	75	88
13555	68105	LEAD	4	54	79	82	101
13563	68105	LEAD	4	82	126	103	135
13564	68105	LEAD	4	65	86	90	106
13566	68105	LEAD	4	65	87	90	107
13567	68105	LEAD	4	131	224	139	208
13568	68105	LEAD	3	44	54	75	82
13571	68105	LEAD	4	51	61	80	87
13572	68105	LEAD	6	50	68	79	92
13573	68105	LEAD	4	56	72	84	95
13576	68105	LEAD	4	130	181	138	176
13577	68105	LEAD	4	122	147	132	151
13578	68105	LEAD	4	27	46	62	76
13579	68105	LEAD	4	49	72	78	95
13581	68105	LEAD	5	129	164	137	163
13583	68105	LEAD	4	175	270	171	242
13584	68105	LEAD	4	82	165	102	164
13585	68105	LEAD	5	44	52	74	80
13586	68105	LEAD	4	188	275	181	245
13587	68105	LEAD	3	233	600	214	486
13588	68105	LEAD	4	67	103	92	119
13590	68105	LEAD	5	146	192	150	184
13594	68105	LEAD	4	87	213	106	200
13597	68105	LEAD	4	50	76	79	98
13598	68105	LEAD	4	106	196	120	187
13601	68105	LEAD	3	94	164	111	164
13603	68105	LEAD	4	316	460	276	382
13604	68105	LEAD	4	50	90	79	108
13605	68105	LEAD	4	147	211	151	198
13606	68105	LEAD	4	148	215	151	201
13607	68105	LEAD	4	100	120	116	131
13609	68105	LEAD	4	107	119	121	130
13611	68105	LEAD	3	134	215	141	201
13612	68105	LEAD	4	172	247	170	225
13613	68105	LEAD	4	46	55	76	83
13614	68105	LEAD	4	90	116	109	128

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13616	68105	LEAD	4	60	82	87	103
13617	68105	LEAD	4	76	114	98	126
13619	68105	LEAD	4	116	156	128	157
13624	68105	LEAD	4	175	338	171	292
13625	68105	LEAD	4	81	135	102	142
13626	68105	LEAD	4	154	246	156	224
13627	68105	LEAD	4	64	78	89	100
13628	68105	LEAD	4	101	150	117	153
13629	68105	LEAD	4	254	644	230	518
13630	68105	LEAD	3	53	91	81	109
13632	68105	LEAD	4	219	354	204	304
13633	68105	LEAD	5	52	103	80	118
13634	68105	LEAD	4	77	110	99	124
13636	68105	LEAD	4	136	381	143	324
13637	68105	LEAD	4	80	94	101	112
13638	68105	LEAD	4	79	170	100	168
13639	68105	LEAD	4	177	248	173	225
13643	68105	LEAD	4	121	210	132	197
13646	68105	LEAD	4	137	214	143	200
13648	68105	LEAD	4	145	161	149	161
13654	68105	LEAD	2	50	57	79	84
13656	68105	LEAD	4	59	121	85	132
13657	68105	LEAD	4	65	107	90	122
13659	68105	LEAD	5	64	78	89	100
13660	68105	LEAD	2	52	60	80	86
13663	68105	LEAD	5	92	163	110	163
13664	68105	LEAD	4	60	98	86	115
13665	68105	LEAD	4	80	103	101	118
13670	68105	LEAD	4	41	60	72	87
13671	68105	LEAD	4	94	105	111	120
13673	68105	LEAD	4	90	129	109	138
13678	68105	LEAD	4	47	54	77	82
13683	68105	LEAD	4	79	121	101	132
13684	68105	LEAD	5	43	71	74	94
13686	68105	LEAD	4	94	131	112	139
13687	68105	LEAD	4	56	90	84	108
13688	68105	LEAD	5	57	70	84	94
13689	68105	LEAD	4	119	140	130	145
13690	68105	LEAD	4	84	113	104	126
13692	68105	LEAD	6	73	164	96	164
13697	68105	LEAD	6	150	271	153	242
13701	68105	LEAD	4	89	102	108	118
13702	68105	LEAD	5	87	168	106	166
13703	68105	LEAD	4	89	147	108	151
13705	68105	LEAD	4	276	349	246	300

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13706	68105	LEAD	4	45	59	75	86
13707	68105	LEAD	4	68	79	92	101
13708	68105	LEAD	5	232	375	213	320
13711	68105	LEAD	4	93	110	111	123
13712	68105	LEAD	5	79	101	101	117
13713	68105	LEAD	4	146	263	150	236
13714	68105	LEAD	4	97	117	114	129
13715	68105	LEAD	3	189	209	182	196
13716	68105	LEAD	5	157	220	158	205
13717	68105	LEAD	3	52	87	81	106
13718	68105	LEAD	4	72	90	95	108
13719	68105	LEAD	4	185	218	179	203
13720	68105	LEAD	4	82	143	103	148
13721	68105	LEAD	3	119	206	130	194
13722	68105	LEAD	4	223	413	207	347
13723	68105	LEAD	4	55	106	83	120
13724	68105	LEAD	4	210	274	197	244
13725	68105	LEAD	4	74	85	97	105
13726	68105	LEAD	4	58	99	85	115
13728	68105	LEAD	3	150	284	153	252
13730	68105	LEAD	4	138	201	144	191
13731	68105	LEAD	4	143	200	148	190
13732	68105	LEAD	4	177	199	173	189
13733	68105	LEAD	4	307	676	269	542
13734	68105	LEAD	3	80	106	101	121
13735	68105	LEAD	5	117	146	128	150
13736	68105	LEAD	4	72	106	95	120
13737	68105	LEAD	4	170	336	168	291
13738	68105	LEAD	5	97	140	114	145
13739	68105	LEAD	3	146	154	150	156
13740	68105	LEAD	4	105	124	119	134
13741	68105	LEAD	4	303	467	266	387
13742	68105	LEAD	4	134	197	141	188
13743	68105	LEAD	4	138	247	144	225
13744	68105	LEAD	4	123	199	133	189
13745	68105	LEAD	4	178	330	174	287
13747	68105	LEAD	4	136	162	143	162
13748	68105	LEAD	4	147	194	151	185
13749	68105	LEAD	4	210	298	197	263
13750	68105	LEAD	4	416	917	350	721
13752	68105	LEAD	4	67	81	92	102
13753	68105	LEAD	3	395	627	334	506
13754	68105	LEAD	4	138	170	144	168
13756	68105	LEAD	4	473	753	392	599
13757	68105	LEAD	4	73	87	96	106

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13758	68105	LEAD	4	282	538	251	440
13761	68105	LEAD	4	43	48	74	78
13762	68105	LEAD	4	226	340	210	293
13763	68105	LEAD	3	47	52	76	80
13765	68105	LEAD	4	106	112	120	125
13769	68105	LEAD	4	60	71	87	94
13772	68105	LEAD	3	68	78	92	100
13778	68105	LEAD	4	57	65	84	90
13779	68105	LEAD	5	44	63	75	88
13780	68105	LEAD	4	110	174	124	171
13781	68105	LEAD	2	76	90	98	108
13782	68105	LEAD	4	68	103	92	118
13783	68105	LEAD	3	65	86	90	106
13785	68105	LEAD	5	312	352	273	303
13789	68105	LEAD	4	72	115	95	127
13790	68105	LEAD	5	132	207	140	195
13791	68105	LEAD	4	311	614	272	496
13793	68105	LEAD	4	57	74	84	97
13797	68105	LEAD	4	61	93	87	111
13799	68105	LEAD	4	85	96	105	113
13800	68105	LEAD	5	50	70	79	94
13803	68105	LEAD	5	181	304	176	267
13804	68105	LEAD	4	33	55	66	82
13805	68105	LEAD	4	198	256	188	231
13811	68105	LEAD	4	54	58	82	85
13812	68105	LEAD	4	151	194	154	186
13814	68105	LEAD	5	502	749	413	596
13815	68105	LEAD	4	61	84	87	104
13816	68105	LEAD	4	84	115	104	127
13818	68105	LEAD	4	66	117	91	129
13819	68105	LEAD	4	107	202	121	192
13820	68105	LEAD	4	84	127	104	136
13821	68105	LEAD	4	283	341	251	295
13822	68105	LEAD	5	161	198	161	188
13823	68105	LEAD	4	51	70	80	94
13828	68105	LEAD	3	53	55	81	83
13830	68105	LEAD	4	88	108	107	122
13831	68105	LEAD	4	123	248	133	226
13833	68105	LEAD	3	322	495	280	408
13834	68105	LEAD	4	115	142	127	147
13835	68105	LEAD	4	563	1413	458	1087
13839	68105	LEAD	4	210	339	198	293
13842	68105	LEAD	4	195	285	187	253
13843	68105	LEAD	3	194	251	186	228
13844	68105	LEAD	4	81	101	102	116

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13849	68105	LEAD	4	253	372	229	318
13850	68105	LEAD	4	54	80	82	102
13851	68105	LEAD	5	37	41	69	72
13853	68105	LEAD	4	81	111	102	124
13855	68105	LEAD	4	60	76	87	98
13856	68105	LEAD	4	232	307	214	269
13857	68105	LEAD	4	47	67	77	92
13858	68105	LEAD	4	185	283	179	252
13859	68105	LEAD	4	286	506	254	416
13861	68105	LEAD	4	261	294	235	260
13863	68105	LEAD	3	251	496	227	409
13864	68105	LEAD	4	219	336	204	290
13865	68105	LEAD	4	75	160	98	160
13866	68105	LEAD	4	98	163	114	162
13869	68105	LEAD	4	74	117	97	129
13871	68105	LEAD	4	127	205	136	194
13872	68105	LEAD	4	172	310	169	272
13875	68105	LEAD	5	126	166	135	164
13879	68105	LEAD	4	162	267	162	239
13880	68105	LEAD	4	166	319	165	278
13882	68105	LEAD	4	97	117	113	128
13884	68105	LEAD	4	131	154	139	156
13886	68105	LEAD	4	140	276	145	246
13890	68105	LEAD	4	512	1469	421	1129
13891	68105	LEAD	5	72	104	96	119
13893	68105	LEAD	3	127	189	136	182
13898	68105	LEAD	4	214	431	200	361
13900	68105	LEAD	4	82	104	103	119
13904	68105	LEAD	4	62	97	88	114
13905	68105	LEAD	2	238	364	218	311
13906	68105	LEAD	5	114	179	126	175
13907	68105	LEAD	3	59	73	86	96
13908	68105	LEAD	4	204	386	193	328
13909	68105	LEAD	5	58	80	85	102
13910	68105	LEAD	5	173	248	170	225
13911	68105	LEAD	4	167	332	166	287
13912	68105	LEAD	3	185	298	179	263
13913	68105	LEAD	4	165	197	164	188
13914	68105	LEAD	4	115	176	127	172
13915	68105	LEAD	5	113	149	125	152
13916	68105	LEAD	4	129	151	138	154
13917	68105	LEAD	4	103	136	118	143
13918	68105	LEAD	3	65	110	90	124
13919	68105	LEAD	4	103	239	118	219
13922	68105	LEAD	4	230	352	212	302

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13927	68105	LEAD	4	50	62	79	88
13928	68105	LEAD	4	123	133	133	140
13932	68105	LEAD	4	98	148	115	151
13934	68105	LEAD	4	49	63	78	89
13935	68105	LEAD	5	38	55	70	83
13940	68105	LEAD	5	74	129	96	138
13942	68105	LEAD	4	115	213	127	200
13943	68105	LEAD	4	81	187	102	180
13944	68105	LEAD	4	83	155	104	157
13945	68105	LEAD	5	104	135	119	142
13947	68105	LEAD	4	115	304	127	267
13948	68105	LEAD	5	136	230	143	212
13951	68105	LEAD	4	77	139	99	145
13952	68105	LEAD	3	220	462	205	384
13956	68105	LEAD	4	286	512	254	421
13957	68105	LEAD	3	124	223	134	207
13959	68105	LEAD	4	145	332	150	288
13966	68105	LEAD	3	69	83	93	104
13970	68105	LEAD	5	69	82	93	103
13971	68105	LEAD	4	37	42	70	73
13972	68105	LEAD	3	196	319	187	278
13973	68105	LEAD	4	58	73	85	96
13974	68105	LEAD	3	69	81	93	102
13975	68105	LEAD	4	79	106	101	120
13976	68105	LEAD	4	66	110	91	123
13977	68105	LEAD	4	177	300	173	264
13979	68105	LEAD	4	72	112	96	125
13980	68105	LEAD	4	240	377	220	321
13981	68105	LEAD	3	236	249	216	226
13982	68105	LEAD	6	35	62	68	88
13984	68105	LEAD	4	327	470	284	390
13985	68105	LEAD	5	154	247	156	225
13986	68105	LEAD	4	484	836	400	661
13987	68105	LEAD	4	301	715	265	571
13988	68105	LEAD	5	86	148	106	152
13991	68105	LEAD	5	64	89	90	108
13993	68105	LEAD	5	118	206	129	195
13997	68105	LEAD	4	189	252	182	229
13999	68105	LEAD	6	73	115	96	127
14000	68105	LEAD	5	110	215	124	201
14002	68105	LEAD	5	122	151	132	154
14003	68105	LEAD	4	61	108	87	122
14005	68105	LEAD	4	135	270	142	242
14006	68105	LEAD	4	130	197	138	187
14007	68105	LEAD	4	191	460	183	382

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14009	68105	LEAD	4	300	365	264	312
14010	68105	LEAD	4	45	65	75	90
14012	68105	LEAD	4	363	540	311	442
14013	68105	LEAD	4	129	199	138	189
14014	68105	LEAD	4	35	53	68	81
14015	68105	LEAD	4	256	340	231	294
14016	68105	LEAD	4	51	58	79	85
14017	68105	LEAD	5	96	189	113	182
14019	68105	LEAD	4	227	575	210	467
14021	68105	LEAD	4	92	119	110	130
14023	68105	LEAD	3	45	51	76	79
14024	68105	LEAD	5	102	252	118	228
14025	68105	LEAD	4	109	233	123	215
14026	68105	LEAD	4	67	96	91	113
14027	68105	LEAD	4	80	140	101	146
14030	68105	LEAD	4	115	217	127	202
14031	68105	LEAD	3	81	102	102	117
14033	68105	LEAD	4	144	219	149	204
14034	68105	LEAD	4	66	117	91	129
14036	68105	LEAD	4	154	260	156	235
14039	68105	LEAD	4	85	113	105	125
14040	68105	LEAD	4	208	259	196	234
14042	68105	LEAD	4	72	137	95	143
14044	68105	LEAD	3	453	660	377	530
14045	68105	LEAD	3	116	139	128	145
14047	68105	LEAD	4	56	93	83	111
14049	68105	LEAD	4	116	149	128	152
14050	68105	LEAD	4	277	378	247	321
14052	68105	LEAD	4	114	164	127	163
14053	68105	LEAD	4	98	177	114	173
14054	68105	LEAD	4	36	38	69	70
14058	68105	LEAD	4	83	141	104	146
14060	68105	LEAD	5	45	73	75	96
14061	68105	LEAD	4	522	947	428	743
14063	68105	LEAD	4	412	939	347	737
14064	68105	LEAD	3	312	353	273	303
14066	68105	LEAD	5	123	145	133	150
14068	68105	LEAD	3	49	56	79	84
14069	68105	LEAD	2	136	181	142	176
14070	68105	LEAD	4	49	66	78	91
14073	68105	LEAD	3	60	66	86	91
14075	68105	LEAD	3	83	106	103	120
14077	68105	LEAD	4	67	113	92	125
14078	68105	LEAD	4	82	149	103	152
14080	68105	LEAD	5	111	150	124	153

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14082	68105	LEAD	3	76	124	98	134
14085	68105	LEAD	3	112	185	125	179
14088	68105	LEAD	4	47	55	76	82
14090	68105	LEAD	2	67	75	91	98
14091	68105	LEAD	5	322	665	280	534
14092	68105	LEAD	6	51	79	80	101
14093	68105	LEAD	2	49	54	79	82
14094	68105	LEAD	4	77	109	99	123
14097	68105	LEAD	4	53	75	82	98
14098	68105	LEAD	4	199	241	189	221
14099	68105	LEAD	4	172	256	169	232
14100	68105	LEAD	5	253	611	230	494
14101	68105	LEAD	4	103	125	118	135
14102	68105	LEAD	4	168	184	166	178
14103	68105	LEAD	3	42	55	73	83
14104	68105	LEAD	5	470	869	390	685
14105	68105	LEAD	5	261	538	235	440
14107	68105	LEAD	5	429	942	359	739
14108	68105	LEAD	4	73	94	96	112
14109	68105	LEAD	4	49	65	78	90
14114	68105	LEAD	3	126	162	135	162
14115	68105	LEAD	4	81	89	102	108
14116	68105	LEAD	4	119	191	130	183
14117	68105	LEAD	4	246	276	224	246
14118	68105	LEAD	4	369	512	315	421
14119	68105	LEAD	4	143	232	148	214
14120	68105	LEAD	3	245	323	223	281
14122	68105	LEAD	5	54	68	82	92
14124	68105	LEAD	5	35	54	68	82
14125	68105	LEAD	4	346	510	298	419
14126	68105	LEAD	4	115	220	127	205
14127	68105	LEAD	4	60	79	86	101
14129	68105	LEAD	4	267	376	240	320
14131	68105	LEAD	4	51	58	80	85
14132	68105	LEAD	4	311	460	272	383
14133	68105	LEAD	4	261	758	235	603
14137	68105	LEAD	4	61	69	87	93
14138	68105	LEAD	4	293	308	259	270
14139	68105	LEAD	5	34	52	67	80
14142	68105	LEAD	3	55	95	83	113
14143	68105	LEAD	4	37	61	69	87
14144	68105	LEAD	5	199	543	189	444
14145	68105	LEAD	5	83	105	104	120
14146	68105	LEAD	4	77	123	99	133
14148	68105	LEAD	4	77	100	99	116

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14149	68105	LEAD	4	96	114	113	126
14150	68105	LEAD	4	31	58	65	85
14152	68105	LEAD	4	32	37	65	70
14154	68105	LEAD	5	28	49	63	78
14155	68105	LEAD	4	106	146	121	150
14156	68105	LEAD	4	77	134	99	141
14157	68105	LEAD	5	50	91	79	109
14159	68105	LEAD	4	114	233	126	215
14160	68105	LEAD	5	80	195	101	186
14161	68105	LEAD	4	48	75	77	97
14162	68105	LEAD	4	43	46	74	76
14163	68105	LEAD	3	193	270	185	242
14164	68105	LEAD	4	68	133	92	140
14165	68105	LEAD	4	57	101	84	117
14166	68105	LEAD	4	31	34	65	67
14167	68105	LEAD	4	97	140	113	146
14168	68105	LEAD	4	80	141	102	146
14169	68105	LEAD	4	79	97	101	114
14170	68105	LEAD	5	212	384	199	326
14172	68105	LEAD	4	280	497	250	410
14175	68105	LEAD	4	158	241	159	220
14176	68105	LEAD	4	68	75	92	98
14177	68105	LEAD	4	233	349	215	300
14178	68105	LEAD	6	170	511	167	420
14180	68105	LEAD	4	121	162	131	162
14181	68105	LEAD	4	102	149	117	152
14182	68105	LEAD	4	60	78	86	100
14183	68105	LEAD	5	126	177	135	173
14187	68105	LEAD	4	66	97	91	114
14188	68105	LEAD	4	319	419	278	352
14190	68105	LEAD	4	224	366	208	313
14191	68105	LEAD	4	84	109	104	122
14193	68105	LEAD	4	94	134	112	141
14194	68105	LEAD	4	84	136	104	143
14195	68105	LEAD	4	327	926	284	727
14196	68105	LEAD	5	258	397	233	335
14197	68105	LEAD	4	56	74	84	96
14198	68105	LEAD	4	137	177	143	173
14199	68105	LEAD	4	90	190	108	183
14200	68105	LEAD	4	182	296	176	261
14201	68105	LEAD	5	58	64	85	89
14206	68105	LEAD	5	51	78	80	100
14207	68105	LEAD	4	42	52	73	80
14211	68105	LEAD	3	163	186	163	180
14212	68105	LEAD	4	78	100	100	116

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14214	68105	LEAD	6	75	113	97	126
14215	68105	LEAD	4	319	833	278	658
14216	68105	LEAD	4	94	148	112	151
14221	68105	LEAD	4	109	149	123	152
14222	68105	LEAD	5	224	274	208	245
14223	68105	LEAD	4	284	321	252	279
14225	68105	LEAD	4	81	96	102	113
14226	68105	LEAD	4	24	28	60	63
14227	68105	LEAD	4	267	455	240	379
14228	68105	LEAD	4	50	75	79	97
14229	68105	LEAD	4	110	242	123	221
14233	68105	LEAD	4	47	61	76	87
14234	68105	LEAD	4	313	726	274	579
14236	68105	LEAD	4	44	72	74	96
14237	68105	LEAD	4	22	41	58	72
14238	68105	LEAD	4	170	273	168	244
14240	68105	LEAD	2	57	68	84	92
14243	68105	LEAD	5	156	306	157	269
14244	68105	LEAD	4	44	64	75	89
14245	68105	LEAD	4	109	175	123	171
14247	68105	LEAD	5	74	107	97	121
14248	68105	LEAD	3	79	123	100	133
14250	68105	LEAD	5	124	254	134	230
14253	68105	LEAD	4	64	128	89	137
14254	68105	LEAD	4	58	74	85	97
14255	68105	LEAD	3	72	82	95	102
14257	68105	LEAD	3	93	98	111	114
14259	68105	LEAD	4	250	356	227	306
14260	68105	LEAD	4	61	84	87	104
14261	68105	LEAD	4	50	57	79	84
14262	68105	LEAD	4	109	116	123	128
14263	68105	LEAD	5	516	640	424	515
14265	68105	LEAD	3	48	54	77	82
14266	68105	LEAD	3	19	29	56	63
14267	68105	LEAD	4	161	269	161	241
14268	68105	LEAD	4	132	169	140	167
14271	68105	LEAD	3	58	77	85	99
14275	68105	LEAD	4	168	190	166	183
14276	68105	LEAD	6	74	109	97	123
14277	68105	LEAD	4	59	75	86	97
14280	68105	LEAD	4	217	289	202	256
14281	68105	LEAD	4	93	186	111	180
14283	68105	LEAD	4	398	510	337	420
14288	68105	LEAD	4	315	622	275	502
14289	68105	LEAD	4	154	317	156	276

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14291	68105	LEAD	3	111	193	124	185
14293	68105	LEAD	4	214	283	201	251
14294	68105	LEAD	4	207	508	195	418
14295	68105	LEAD	4	35	49	68	78
14296	68105	LEAD	4	26	36	61	69
14298	68105	LEAD	4	99	129	115	137
14301	68105	LEAD	4	271	380	243	323
14302	68105	LEAD	4	31	42	65	73
14303	68105	LEAD	4	297	645	262	519
14304	68105	LEAD	4	80	107	101	121
14307	68105	LEAD	4	142	164	147	163
14310	68105	LEAD	4	186	275	180	245
14312	68105	LEAD	4	32	40	66	72
14317	68105	LEAD	5	277	587	247	476
14318	68105	LEAD	4	141	193	146	185
14319	68105	LEAD	4	304	492	267	406
14322	68105	LEAD	4	58	66	85	91
14323	68105	LEAD	4	60	113	86	125
14324	68105	LEAD	4	209	346	197	298
14325	68105	LEAD	4	64	124	90	134
14326	68105	LEAD	4	53	57	82	84
14329	68105	LEAD	3	133	159	140	160
14330	68105	LEAD	3	407	523	343	429
14336	68105	LEAD	2	50	65	79	90
14339	68105	LEAD	4	132	225	140	209
14341	68105	LEAD	5	408	783	344	621
14342	68105	LEAD	4	103	161	118	161
14344	68105	LEAD	4	26	39	61	71
14346	68105	LEAD	4	179	302	175	266
14347	68105	LEAD	4	216	413	202	348
14348	68105	LEAD	3	87	113	106	125
14350	68105	LEAD	5	224	419	208	352
14352	68105	LEAD	4	36	50	69	79
14355	68105	LEAD	5	468	572	388	465
14356	68105	LEAD	3	46	58	76	85
14361	68105	LEAD	4	55	64	82	89
14363	68105	LEAD	4	26	44	61	75
14364	68105	LEAD	4	415	634	349	511
14365	68105	LEAD	4	61	98	87	114
14368	68105	LEAD	4	252	382	229	325
14373	68105	LEAD	4	95	151	112	154
14377	68105	LEAD	4	292	466	258	387
14378	68105	LEAD	5	276	321	246	279
14380	68105	LEAD	4	215	447	201	373
14381	68105	LEAD	5	197	244	188	222

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14382	68105	LEAD	4	40	51	71	80
14383	68105	LEAD	5	251	585	227	475
14385	68105	LEAD	5	74	114	97	126
14386	68105	LEAD	4	224	325	208	283
14387	68105	LEAD	3	265	529	238	434
14390	68105	LEAD	3	71	118	94	129
14393	68105	LEAD	4	58	101	85	117
14394	68105	LEAD	4	369	727	315	580
14395	68105	LEAD	4	79	139	100	145
14396	68105	LEAD	4	60	79	87	100
14397	68105	LEAD	5	197	252	188	229
14398	68105	LEAD	4	57	83	84	104
14399	68105	LEAD	4	17	21	55	57
14400	68105	LEAD	4	76	173	99	170
14402	68105	LEAD	4	56	73	83	96
14403	68105	LEAD	4	167	327	165	284
14404	68105	LEAD	5	77	109	99	123
14405	68105	LEAD	4	72	113	95	126
14406	68105	LEAD	2	52	54	80	82
14407	68105	LEAD	5	45	60	75	87
14408	68105	LEAD	4	69	110	93	123
14409	68105	LEAD	5	222	340	207	294
14410	68105	LEAD	4	58	75	85	97
14411	68105	LEAD	5	142	197	147	188
14413	68105	LEAD	3	115	144	127	148
14415	68105	LEAD	4	399	625	337	505
14419	68105	LEAD	4	27	31	62	65
14420	68105	LEAD	4	127	352	136	302
14422	68105	LEAD	4	50	62	79	88
14423	68105	LEAD	4	187	267	180	240
14424	68105	LEAD	5	67	118	92	130
14426	68105	LEAD	4	129	265	137	238
14427	68105	LEAD	4	33	43	66	74
14428	68105	LEAD	4	128	378	137	322
14429	68105	LEAD	4	115	191	127	183
14431	68105	LEAD	4	198	231	188	213
14434	68105	LEAD	4	46	61	76	87
14435	68105	LEAD	4	356	461	306	383
14437	68105	LEAD	4	459	753	382	600
14439	68105	LEAD	5	67	82	92	103
14441	68105	LEAD	4	64	81	90	102
14443	68105	LEAD	4	278	349	248	300
14446	68105	LEAD	4	50	63	79	89
14447	68105	LEAD	5	365	546	312	446
14448	68105	LEAD	4	62	72	88	95

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14450	68105	LEAD	4	49	53	78	81
14451	68105	LEAD	4	186	415	180	349
14452	68105	LEAD	5	164	310	163	272
14453	68105	LEAD	5	189	283	182	251
14456	68105	LEAD	4	56	72	83	95
14457	68105	LEAD	4	43	79	74	100
14459	68105	LEAD	5	159	292	160	258
14460	68105	LEAD	5	123	242	133	221
14462	68105	LEAD	4	82	129	103	138
14464	68105	LEAD	4	31	34	65	67
14467	68105	LEAD	4	77	106	99	121
14469	68105	LEAD	4	182	205	177	194
14471	68105	LEAD	5	312	355	273	305
14472	68105	LEAD	2	200	234	190	215
14473	68105	LEAD	4	65	89	90	108
14478	68105	LEAD	4	132	187	139	180
14479	68105	LEAD	5	118	192	129	184
14482	68105	LEAD	4	436	808	365	640
14483	68105	LEAD	4	118	234	129	215
14484	68105	LEAD	4	79	169	100	167
14487	68105	LEAD	4	49	63	78	88
14492	68105	LEAD	5	53	64	81	89
14498	68105	LEAD	4	68	86	92	106
14499	68105	LEAD	4	133	198	140	188
14500	68105	LEAD	4	117	193	129	185
14502	68105	LEAD	4	71	120	95	131
14504	68105	LEAD	4	69	104	93	119
14506	68105	LEAD	4	71	107	94	121
14507	68105	LEAD	4	44	73	75	96
14508	68105	LEAD	4	116	318	128	277
14509	68105	LEAD	4	65	96	90	113
14510	68105	LEAD	4	40	43	72	74
14511	68105	LEAD	5	183	320	177	279
14512	68105	LEAD	4	123	250	133	227
14513	68105	LEAD	4	518	720	425	575
14515	68105	LEAD	4	61	82	87	103
14517	68105	LEAD	4	27	28	62	63
14520	68105	LEAD	1	155	155	157	157
14522	68105	LEAD	4	191	348	183	299
14523	68105	LEAD	4	60	96	86	113
14524	68105	LEAD	4	95	106	112	121
14525	68105	LEAD	4	104	142	119	147
14526	68105	LEAD	4	472	572	392	466
14528	68105	LEAD	4	37	40	69	72
14531	68105	LEAD	4	145	223	150	207

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14532	68105	LEAD	4	444	725	370	578
14533	68105	LEAD	4	346	487	298	402
14534	68105	LEAD	5	409	686	345	549
14535	68105	LEAD	4	36	47	69	77
14536	68105	LEAD	5	507	602	417	487
14538	68105	LEAD	4	325	565	282	460
14539	68105	LEAD	4	38	56	70	83
14542	68105	LEAD	4	199	277	189	247
14543	68105	LEAD	4	140	214	146	200
14544	68105	LEAD	4	333	414	288	348
14546	68105	LEAD	4	180	257	175	232
14548	68105	LEAD	4	287	446	255	372
14549	68105	LEAD	4	134	189	141	182
14550	68105	LEAD	4	47	65	77	90
14551	68105	LEAD	4	715	2179	571	1655
14556	68105	LEAD	3	93	156	111	158
14557	68105	LEAD	2	143	193	147	185
14561	68105	LEAD	4	46	67	76	92
14565	68105	LEAD	4	376	502	321	414
14567	68105	LEAD	4	371	941	317	738
14568	68105	LEAD	4	28	33	63	67
14572	68105	LEAD	4	60	72	87	95
14577	68105	LEAD	4	106	125	120	135
14583	68105	LEAD	4	74	103	97	119
14584	68105	LEAD	4	278	481	248	398
14587	68105	LEAD	5	119	170	130	168
14590	68105	LEAD	4	59	82	86	103
14592	68105	LEAD	5	257	460	232	382
14593	68105	LEAD	4	90	114	109	127
14594	68105	LEAD	4	37	41	69	73
14597	68105	LEAD	4	87	128	106	137
14598	68105	LEAD	4	98	191	114	183
14601	68105	LEAD	4	160	186	160	180
14602	68105	LEAD	4	81	144	102	148
14603	68105	LEAD	6	253	338	229	292
14604	68105	LEAD	4	31	46	65	76
14605	68105	LEAD	5	75	105	97	120
14606	68105	LEAD	4	81	129	102	137
14609	68105	LEAD	4	50	70	79	94
14611	68105	LEAD	5	161	237	161	218
14612	68105	LEAD	5	57	72	84	95
14614	68105	LEAD	4	90	140	108	145
14618	68105	LEAD	4	304	460	267	382
14620	68105	LEAD	4	31	48	65	77
14624	68105	LEAD	5	71	96	94	113

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14625	68105	LEAD	4	54	67	82	91
14626	68105	LEAD	6	88	158	107	159
14627	68105	LEAD	4	43	46	74	76
14628	68105	LEAD	4	277	503	247	414
14631	68105	LEAD	4	69	83	93	104
14632	68105	LEAD	4	59	70	86	94
14633	68105	LEAD	4	72	84	96	104
14634	68105	LEAD	4	180	571	175	464
14636	68105	LEAD	4	49	57	78	84
14640	68105	LEAD	4	145	253	149	229
14641	68105	LEAD	4	166	232	165	214
14644	68105	LEAD	4	81	132	102	140
14646	68105	LEAD	4	79	125	101	135
14647	68105	LEAD	4	52	63	80	89
14648	68105	LEAD	4	188	295	181	260
14649	68105	LEAD	4	552	944	450	741
14650	68105	LEAD	5	161	221	161	206
14651	68105	LEAD	4	55	82	83	102
14652	68105	LEAD	4	40	59	71	85
14655	68105	LEAD	4	184	255	178	230
14656	68105	LEAD	5	54	60	82	87
14657	68105	LEAD	4	52	74	80	97
14659	68105	LEAD	5	368	783	314	621
14661	68105	LEAD	4	111	156	124	157
14662	68105	LEAD	4	85	103	105	118
14666	68105	LEAD	4	60	91	87	110
14667	68105	LEAD	4	39	49	71	78
14679	68105	LEAD	4	84	126	104	135
14680	68105	LEAD	5	46	84	76	104
14681	68105	LEAD	4	88	200	107	190
14682	68105	LEAD	4	199	275	190	245
14687	68105	LEAD	4	196	340	187	294
14688	68105	LEAD	5	76	127	98	136
14689	68105	LEAD	4	454	775	378	615
14691	68105	LEAD	4	59	75	86	97
14693	68105	LEAD	4	70	118	94	130
14695	68105	LEAD	3	243	438	222	366
14696	68105	LEAD	4	284	329	252	286
14698	68105	LEAD	3	54	81	82	102
14699	68105	LEAD	4	54	68	82	92
14702	68105	LEAD	4	396	701	335	560
14703	68105	LEAD	4	249	393	227	333
14708	68105	LEAD	5	78	102	100	117
14709	68105	LEAD	5	298	426	262	357
14711	68105	LEAD	4	37	64	69	89

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14712	68105	LEAD	4	425	809	357	641
14717	68105	LEAD	4	165	241	164	220
14718	68105	LEAD	4	313	486	273	402
14719	68105	LEAD	4	36	44	68	75
14721	68105	LEAD	6	69	97	93	114
14723	68105	LEAD	4	106	137	121	144
14725	68105	LEAD	4	79	135	100	142
14727	68105	LEAD	4	309	456	270	379
14730	68105	LEAD	4	135	205	142	194
14731	68105	LEAD	4	341	795	295	630
14733	68105	LEAD	4	85	100	105	116
14734	68105	LEAD	4	137	162	143	162
14735	68105	LEAD	4	82	120	103	131
14737	68105	LEAD	4	259	346	234	298
14739	68105	LEAD	4	124	151	134	154
14743	68105	LEAD	4	303	465	266	386
14744	68105	LEAD	4	42	66	73	91
14746	68105	LEAD	4	55	71	83	95
14749	68105	LEAD	5	362	478	310	396
14752	68105	LEAD	4	49	75	78	98
14753	68105	LEAD	5	108	182	122	176
14755	68105	LEAD	4	69	78	93	100
14756	68105	LEAD	4	232	556	213	453
14757	68105	LEAD	4	22	26	58	61
14760	68105	LEAD	4	58	102	85	117
14761	68105	LEAD	4	97	110	114	123
14763	68105	LEAD	4	1197	2122	928	1612
14764	68105	LEAD	4	38	44	70	75
14765	68105	LEAD	4	92	115	110	127
14766	68105	LEAD	4	72	84	95	104
14767	68105	LEAD	4	59	71	86	95
14768	68105	LEAD	4	488	818	403	647
14769	68105	LEAD	5	46	55	76	83
14774	68105	LEAD	4	64	114	89	126
14776	68105	LEAD	5	159	175	160	171
14777	68105	LEAD	4	19	35	56	68
14778	68105	LEAD	4	31	46	65	76
14780	68105	LEAD	4	93	173	111	170
14781	68105	LEAD	5	52	65	80	90
14783	68105	LEAD	4	67	89	91	108
14784	68105	LEAD	4	49	71	78	95
14787	68105	LEAD	4	296	381	261	324
14788	68105	LEAD	6	349	695	300	556
14790	68105	LEAD	3	521	720	427	575
14791	68105	LEAD	4	129	186	137	179

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14794	68105	LEAD	4	133	169	140	167
14797	68105	LEAD	4	278	362	248	310
14798	68105	LEAD	4	134	235	141	216
14799	68105	LEAD	4	235	320	216	279
14801	68105	LEAD	3	217	233	203	214
14806	68105	LEAD	5	69	177	93	173
14809	68105	LEAD	4	63	87	88	106
14810	68105	LEAD	4	436	613	365	495
14811	68105	LEAD	4	103	164	118	163
14812	68105	LEAD	4	43	57	74	84
14813	68105	LEAD	5	65	103	90	119
14814	68105	LEAD	5	250	378	227	322
14817	68105	LEAD	5	353	560	304	456
14819	68105	LEAD	5	93	116	111	127
14820	68105	LEAD	3	386	792	327	628
14823	68105	LEAD	4	63	80	89	101
14824	68105	LEAD	4	70	94	94	112
14826	68105	LEAD	5	51	62	79	88
14828	68105	LEAD	4	123	131	133	139
14829	68105	LEAD	5	151	238	153	218
14836	68105	LEAD	5	302	453	266	377
14837	68105	LEAD	5	113	210	126	197
14838	68105	LEAD	4	355	597	304	484
14840	68105	LEAD	6	168	264	166	238
14843	68105	LEAD	4	56	84	84	104
14844	68105	LEAD	4	222	313	206	274
14845	68105	LEAD	4	155	331	157	287
14846	68105	LEAD	5	314	658	274	529
14852	68105	LEAD	4	221	357	205	306
14857	68105	LEAD	3	88	106	107	121
14858	68105	LEAD	4	239	383	219	325
14860	68105	LEAD	4	204	282	193	251
14863	68105	LEAD	4	119	141	130	147
14864	68105	LEAD	4	110	143	123	148
14869	68105	LEAD	4	214	377	200	321
14872	68105	LEAD	4	120	159	131	160
14875	68105	LEAD	4	284	615	252	497
14876	68105	LEAD	5	136	188	142	181
14877	68105	LEAD	5	140	304	145	267
14880	68105	LEAD	4	167	301	165	265
14881	68105	LEAD	4	61	81	87	102
14882	68105	LEAD	5	450	741	375	591
14883	68105	LEAD	4	76	117	98	129
14884	68105	LEAD	5	60	71	86	94
14885	68105	LEAD	3	204	241	193	220

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14887	68105	LEAD	4	283	465	251	386
14889	68105	LEAD	4	164	216	164	202
14892	68105	LEAD	4	343	490	296	405
14893	68105	LEAD	4	160	198	160	189
14896	68105	LEAD	4	41	62	72	88
14897	68105	LEAD	4	128	269	137	241
14900	68105	LEAD	3	57	66	84	91
14905	68105	LEAD	4	193	233	185	214
14906	68105	LEAD	4	300	534	264	437
14908	68105	LEAD	5	56	78	83	99
14909	68105	LEAD	4	184	216	178	202
14910	68105	LEAD	3	44	47	75	77
14913	68105	LEAD	5	167	269	166	241
14915	68105	LEAD	5	280	566	249	461
14916	68105	LEAD	4	73	130	96	138
14917	68105	LEAD	4	168	195	166	187
14918	68105	LEAD	4	59	81	86	102
14919	68105	LEAD	4	164	270	164	242
14920	68105	LEAD	4	89	105	108	120
14921	68105	LEAD	5	170	323	167	281
14922	68105	LEAD	4	42	61	73	87
14923	68105	LEAD	3	365	808	312	640
14924	68105	LEAD	4	72	79	96	100
14926	68105	LEAD	4	49	65	78	90
14927	68105	LEAD	4	146	219	150	204
14928	68105	LEAD	4	54	62	82	88
14929	68105	LEAD	4	44	75	75	98
14930	68105	LEAD	4	91	209	109	197
14934	68105	LEAD	4	39	87	71	106
14937	68105	LEAD	4	58	84	85	104
14938	68105	LEAD	4	87	111	106	124
14942	68105	LEAD	5	52	87	80	106
14945	68105	LEAD	4	38	40	70	71
14948	68105	LEAD	4	34	44	67	75
14949	68105	LEAD	5	371	660	316	531
14950	68105	LEAD	3	30	44	64	74
14951	68105	LEAD	5	75	90	97	108
14952	68105	LEAD	4	97	154	113	156
14955	68105	LEAD	4	204	310	193	271
14956	68105	LEAD	4	76	92	98	110
14957	68105	LEAD	4	80	104	101	119
14958	68105	LEAD	4	125	188	135	181
14959	68105	LEAD	4	106	138	121	144
14962	68105	LEAD	4	176	206	172	194
14964	68105	LEAD	5	231	361	213	309

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14966	68105	LEAD	4	152	197	155	188
14967	68105	LEAD	4	255	423	231	355
14969	68105	LEAD	4	51	65	79	90
14970	68105	LEAD	5	68	92	92	110
14971	68105	LEAD	6	150	254	153	230
14974	68105	LEAD	4	201	253	191	229
14975	68105	LEAD	4	191	274	183	245
14976	68105	LEAD	4	134	166	141	165
14978	68105	LEAD	4	125	235	135	216
14979	68105	LEAD	4	47	56	77	84
14980	68105	LEAD	5	286	415	254	349
14981	68105	LEAD	4	118	321	129	279
14982	68105	LEAD	4	29	40	63	71
14984	68105	LEAD	4	80	102	101	117
14985	68105	LEAD	4	70	99	93	115
14986	68105	LEAD	4	93	152	111	155
14988	68105	LEAD	2	64	112	89	125
14990	68105	LEAD	4	446	883	372	696
14992	68105	LEAD	4	190	317	182	277
14993	68105	LEAD	6	114	164	127	163
14994	68105	LEAD	2	125	183	134	177
14995	68105	LEAD	4	225	335	209	290
15000	68105	LEAD	4	435	643	364	518
15003	68105	LEAD	4	162	372	162	317
15006	68105	LEAD	4	286	370	253	316
15008	68105	LEAD	5	200	316	190	276
15009	68105	LEAD	4	94	164	112	164
15011	68105	LEAD	4	286	373	254	318
15012	68105	LEAD	4	251	501	228	413
15013	68105	LEAD	4	49	59	78	86
15014	68105	LEAD	4	79	102	100	118
15015	68105	LEAD	4	185	265	179	238
15016	68105	LEAD	3	241	285	220	253
15017	68105	LEAD	4	77	92	99	110
15020	68105	LEAD	4	237	298	217	263
15022	68105	LEAD	3	430	867	360	684
15024	68105	LEAD	3	95	172	113	169
15025	68105	LEAD	4	133	162	141	162
15028	68105	LEAD	4	62	88	88	107
15029	68105	LEAD	4	331	766	287	609
15032	68105	LEAD	4	361	413	309	347
15035	68105	LEAD	4	59	71	85	95
15036	68105	LEAD	4	399	585	337	475
15037	68105	LEAD	4	80	127	101	136
15038	68105	LEAD	6	143	229	148	211

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15041	68105	LEAD	2	60	65	87	90
15044	68105	LEAD	5	240	409	220	345
15045	68105	LEAD	4	217	453	203	378
15047	68105	LEAD	4	72	148	95	152
15050	68105	LEAD	4	67	107	91	121
15052	68105	LEAD	3	80	96	101	113
15056	68105	LEAD	4	50	73	79	96
15057	68105	LEAD	4	380	532	323	436
15058	68105	LEAD	4	158	364	159	311
15059	68105	LEAD	4	69	100	93	116
15060	68105	LEAD	4	359	596	308	483
15064	68105	LEAD	4	63	92	89	110
15065	68105	LEAD	5	183	210	177	197
15068	68105	LEAD	4	65	83	90	103
15071	68105	LEAD	4	54	74	82	97
15074	68105	LEAD	4	76	89	98	108
15076	68105	LEAD	4	167	243	165	222
15077	68105	LEAD	4	116	164	128	163
15078	68105	LEAD	4	48	54	77	82
15079	68105	LEAD	4	461	691	383	554
15080	68105	LEAD	4	217	269	203	241
15082	68105	LEAD	4	207	315	195	275
15083	68105	LEAD	4	558	770	455	612
15084	68105	LEAD	5	144	269	149	241
15086	68105	LEAD	6	164	242	164	221
15088	68105	LEAD	5	416	792	350	628
15089	68105	LEAD	4	190	316	183	276
15090	68105	LEAD	4	242	290	221	257
15091	68105	LEAD	4	526	789	431	626
15094	68105	LEAD	4	120	168	131	167
15095	68105	LEAD	4	347	522	299	428
15097	68105	LEAD	4	157	182	158	177
15099	68105	LEAD	4	92	119	110	130
15102	68105	LEAD	4	124	173	134	170
15104	68105	LEAD	4	51	73	80	96
15105	68105	LEAD	4	212	356	199	305
15106	68105	LEAD	5	433	636	362	513
15108	68105	LEAD	4	260	359	234	308
15110	68105	LEAD	4	344	528	297	433
15111	68105	LEAD	4	71	196	94	187
15114	68105	LEAD	4	247	344	225	297
15119	68105	LEAD	4	529	801	434	635
15121	68105	LEAD	5	558	760	455	605
15122	68105	LEAD	4	53	78	81	100
15123	68105	LEAD	4	122	246	132	224

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15126	68105	LEAD	4	81	86	102	106
15128	68105	LEAD	4	258	343	233	296
15131	68105	LEAD	5	322	421	281	354
15132	68105	LEAD	4	303	586	266	476
15133	68105	LEAD	4	218	271	204	243
15134	68105	LEAD	5	56	85	84	105
15136	68105	LEAD	4	180	246	175	224
15139	68105	LEAD	4	158	390	159	330
15141	68105	LEAD	4	245	394	223	333
15142	68105	LEAD	4	556	931	454	731
15144	68105	LEAD	4	133	167	140	166
15145	68105	LEAD	4	145	241	149	220
15149	68105	LEAD	4	193	289	184	256
15150	68105	LEAD	4	98	168	115	166
15153	68105	LEAD	4	345	422	298	354
15154	68105	LEAD	5	106	133	120	140
15159	68105	LEAD	5	159	325	159	282
15160	68105	LEAD	4	134	153	141	155
15161	68105	LEAD	4	308	411	270	346
15162	68105	LEAD	4	45	53	75	81
15163	68105	LEAD	4	35	39	68	71
15164	68105	LEAD	4	29	30	63	64
15166	68105	LEAD	4	182	230	177	212
15167	68105	LEAD	4	204	266	193	239
15168	68105	LEAD	4	420	747	352	594
15169	68105	LEAD	4	310	386	271	328
15172	68105	LEAD	4	65	104	90	119
15175	68105	LEAD	4	366	530	313	434
15177	68105	LEAD	4	119	211	130	198
15178	68105	LEAD	4	250	286	227	254
15180	68105	LEAD	5	67	95	91	112
15182	68105	LEAD	4	138	171	144	169
15184	68105	LEAD	5	134	209	141	197
15189	68105	LEAD	4	59	88	86	107
15191	68105	LEAD	4	154	268	156	241
15192	68105	LEAD	4	90	106	108	120
15193	68105	LEAD	4	104	137	119	144
15194	68105	LEAD	3	183	316	177	276
15197	68105	LEAD	4	101	138	116	144
15198	68105	LEAD	4	160	225	160	208
15199	68105	LEAD	6	84	110	104	123
15202	68105	LEAD	4	177	217	173	203
15206	68105	LEAD	4	193	254	185	230
15210	68105	LEAD	4	128	174	137	171
15211	68105	LEAD	4	275	398	246	337

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15213	68105	LEAD	4	104	131	119	139
15215	68105	LEAD	5	49	79	78	100
15216	68105	LEAD	4	159	234	160	215
15218	68105	LEAD	3	227	275	210	245
15219	68105	LEAD	4	762	1871	606	1427
15221	68105	LEAD	4	250	472	227	391
15227	68105	LEAD	4	347	433	298	363
15229	68105	LEAD	4	209	344	197	297
15231	68105	LEAD	5	134	289	141	256
15234	68105	LEAD	5	201	280	190	250
15236	68105	LEAD	4	363	521	311	427
15238	68105	LEAD	5	47	67	77	92
15239	68105	LEAD	4	51	81	80	102
15240	68105	LEAD	4	233	266	215	239
15244	68105	LEAD	4	220	286	205	254
15246	68105	LEAD	4	109	128	123	137
15249	68105	LEAD	5	219	401	204	339
15250	68105	LEAD	5	351	554	302	452
15255	68105	LEAD	4	125	209	135	196
15257	68105	LEAD	5	509	695	419	556
15258	68105	LEAD	5	92	160	110	160
15261	68105	LEAD	3	52	59	81	86
15262	68105	LEAD	4	160	235	161	216
15265	68105	LEAD	5	377	560	321	456
15267	68105	LEAD	4	197	343	188	296
15274	68105	LEAD	4	367	981	314	768
15277	68105	LEAD	4	104	217	119	202
15278	68105	LEAD	4	170	220	168	205
15279	68105	LEAD	6	67	91	92	109
15280	68105	LEAD	4	48	87	78	106
15284	68105	LEAD	4	46	55	76	83
15287	68105	LEAD	4	107	175	121	172
15288	68105	LEAD	4	533	676	437	542
15291	68105	LEAD	4	183	350	177	301
15292	68105	LEAD	5	231	381	213	324
15293	68105	LEAD	4	61	77	87	99
15295	68105	LEAD	4	282	511	251	420
15298	68105	LEAD	4	421	934	354	733
15299	68105	LEAD	4	181	280	176	249
15300	68105	LEAD	4	138	423	144	355
15301	68105	LEAD	6	62	80	88	101
15302	68105	LEAD	4	174	215	171	201
15303	68105	LEAD	4	228	321	211	279
15305	68105	LEAD	4	170	272	168	243
15306	68105	LEAD	4	175	415	172	349

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15308	68105	LEAD	4	57	65	84	90
15311	68105	LEAD	3	90	145	109	150
15313	68105	LEAD	4	128	208	137	196
15315	68105	LEAD	4	84	101	104	117
15316	68105	LEAD	5	598	926	484	727
15317	68105	LEAD	4	208	542	196	443
15318	68105	LEAD	3	84	90	104	108
15319	68105	LEAD	4	68	99	92	115
15320	68105	LEAD	4	78	113	100	126
15321	68105	LEAD	5	433	624	362	504
15323	68105	LEAD	4	243	407	222	343
15329	68105	LEAD	4	142	190	147	183
15332	68105	LEAD	5	534	708	437	566
15333	68105	LEAD	4	75	109	98	123
15334	68105	LEAD	4	178	232	173	213
15335	68105	LEAD	5	180	286	175	254
15336	68105	LEAD	4	62	78	88	99
15338	68105	LEAD	4	165	233	164	215
15340	68105	LEAD	4	184	217	178	203
15341	68105	LEAD	3	55	59	82	86
15342	68105	LEAD	4	80	94	101	112
15343	68105	LEAD	4	83	86	104	105
15344	68105	LEAD	4	328	618	285	499
15345	68105	LEAD	5	98	195	115	187
15348	68105	LEAD	4	251	316	228	276
15349	68105	LEAD	5	62	112	88	125
15350	68105	LEAD	5	350	518	301	426
15352	68105	LEAD	4	59	76	86	99
15354	68105	LEAD	4	222	513	206	422
15357	68105	LEAD	4	50	59	79	86
15360	68105	LEAD	4	222	391	206	331
15363	68105	LEAD	5	117	217	128	203
15366	68105	LEAD	4	160	234	160	215
15370	68105	LEAD	4	381	749	324	596
15371	68105	LEAD	4	57	84	84	104
15372	68105	LEAD	3	135	196	142	187
15373	68105	LEAD	4	166	278	165	248
15377	68105	LEAD	4	501	925	413	726
15378	68105	LEAD	4	269	309	241	271
15379	68105	LEAD	3	148	179	152	174
15380	68105	LEAD	5	132	153	140	155
15382	68105	LEAD	4	161	223	161	207
15385	68105	LEAD	4	55	84	82	104
15386	68105	LEAD	4	81	122	102	132
15388	68105	LEAD	3	245	269	223	241

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15389	68105	LEAD	4	121	140	132	145
15390	68105	LEAD	4	105	151	120	154
15392	68105	LEAD	4	61	86	87	106
15393	68105	LEAD	4	114	225	126	208
15394	68105	LEAD	4	123	142	133	147
15397	68105	LEAD	4	147	382	151	325
15398	68105	LEAD	5	294	534	260	437
15399	68105	LEAD	5	153	177	155	173
15400	68105	LEAD	4	147	223	151	207
15402	68105	LEAD	4	76	94	98	112
15407	68105	LEAD	4	72	89	95	108
15410	68105	LEAD	4	241	623	220	503
15416	68105	LEAD	5	112	150	125	153
15417	68105	LEAD	4	180	303	175	266
15426	68105	LEAD	3	183	214	177	200
15427	68105	LEAD	4	186	293	179	259
15430	68105	LEAD	4	242	372	221	317
15434	68105	LEAD	4	279	443	249	370
15436	68105	LEAD	4	216	264	201	238
15442	68105	LEAD	4	198	371	189	317
15447	68105	LEAD	2	502	565	413	460
15449	68105	LEAD	5	306	821	269	650
15452	68105	LEAD	4	157	194	158	186
15453	68105	LEAD	4	655	912	527	717
15454	68105	LEAD	5	68	96	92	113
15456	68105	LEAD	4	115	143	127	148
15460	68105	LEAD	4	381	753	324	599
15461	68105	LEAD	4	121	261	132	235
15464	68105	LEAD	4	100	141	116	146
15466	68105	LEAD	5	114	169	127	167
15473	68105	LEAD	5	462	1845	384	1408
15474	68105	LEAD	4	358	659	307	530
15476	68105	LEAD	4	232	309	213	271
15477	68105	LEAD	4	107	122	121	132
15480	68105	LEAD	5	93	213	111	199
15484	68105	LEAD	4	405	625	342	505
15485	68105	LEAD	4	226	354	210	304
15487	68105	LEAD	4	175	299	171	263
15489	68105	LEAD	4	309	477	271	395
15493	68105	LEAD	4	147	219	151	204
15494	68105	LEAD	4	277	348	247	300
15495	68105	LEAD	4	192	282	184	251
15496	68105	LEAD	4	216	269	202	241
15497	68105	LEAD	4	501	832	413	658
15499	68105	LEAD	4	105	164	120	163

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15500	68105	LEAD	4	77	104	99	119
15503	68105	LEAD	4	158	213	159	199
15507	68105	LEAD	4	172	264	169	237
15508	68105	LEAD	4	160	209	160	197
15509	68105	LEAD	4	163	225	163	208
15510	68105	LEAD	4	61	83	87	103
15511	68105	LEAD	4	415	965	349	756
15513	68105	LEAD	4	475	917	394	721
15514	68105	LEAD	4	160	178	161	174
15515	68105	LEAD	5	211	295	198	261
15516	68105	LEAD	4	195	319	186	278
15518	68105	LEAD	6	175	336	171	290
15519	68105	LEAD	4	119	221	130	206
15520	68105	LEAD	5	293	441	259	368
15522	68105	LEAD	4	371	668	317	536
15523	68105	LEAD	4	145	349	149	300
15524	68105	LEAD	4	205	368	194	314
15525	68105	LEAD	4	280	481	250	398
15526	68105	LEAD	4	48	78	77	100
15527	68105	LEAD	4	220	530	205	434
15528	68105	LEAD	4	195	287	186	255
15534	68105	LEAD	5	143	254	148	230
15536	68105	LEAD	4	216	335	202	290
15537	68105	LEAD	5	92	127	110	136
15540	68105	LEAD	4	119	205	130	193
15541	68105	LEAD	4	282	636	251	513
15543	68105	LEAD	4	81	123	102	133
15544	68105	LEAD	4	114	235	127	216
15545	68105	LEAD	4	213	324	200	282
15547	68105	LEAD	4	141	261	146	236
15548	68105	LEAD	4	702	2014	562	1532
15554	68105	LEAD	4	132	160	140	161
15564	68105	LEAD	4	79	115	100	127
15568	68105	LEAD	5	260	478	235	396
15569	68105	LEAD	3	327	469	284	389
15577	68105	LEAD	4	338	434	292	363
15578	68105	LEAD	3	134	148	141	152
15581	68105	LEAD	5	201	456	191	380
15587	68105	LEAD	4	93	138	111	144
15590	68105	LEAD	4	82	137	103	144
15591	68105	LEAD	5	94	144	111	148
15602	68105	LEAD	4	122	190	132	183
15604	68105	LEAD	5	128	241	136	220
15605	68105	LEAD	5	141	308	147	270
15607	68105	LEAD	4	64	84	90	104

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15608	68105	LEAD	4	466	725	387	578
15609	68105	LEAD	6	84	156	104	158
15611	68105	LEAD	4	372	644	317	519
15612	68105	LEAD	2	133	215	141	201
15613	68105	LEAD	4	386	519	327	426
15620	68105	LEAD	3	126	185	135	179
15621	68105	LEAD	4	59	79	86	100
15622	68105	LEAD	5	398	853	336	673
15623	68105	LEAD	5	344	713	297	570
15627	68105	LEAD	4	158	278	159	248
15629	68105	LEAD	4	231	456	213	379
15633	68105	LEAD	5	168	268	167	240
15636	68105	LEAD	5	71	93	95	111
15638	68105	LEAD	4	451	795	376	630
15640	68105	LEAD	4	110	173	124	170
15644	68105	LEAD	4	243	361	221	309
15645	68105	LEAD	5	118	138	129	144
15651	68105	LEAD	4	157	225	158	208
15657	68105	LEAD	3	84	109	104	123
15659	68105	LEAD	4	116	173	128	170
15660	68105	LEAD	4	252	529	228	434
15661	68105	LEAD	4	284	322	252	281
15663	68105	LEAD	4	95	101	113	117
15664	68105	LEAD	4	296	577	261	469
15665	68105	LEAD	4	84	161	104	161
15666	68105	LEAD	5	258	379	233	323
15667	68105	LEAD	5	212	405	199	342
15669	68105	LEAD	4	186	228	180	211
15670	68105	LEAD	4	91	113	109	125
15671	68105	LEAD	4	110	145	123	149
15673	68105	LEAD	4	83	104	104	119
15678	68105	LEAD	4	442	907	369	713
15681	68105	LEAD	4	112	156	125	158
15682	68105	LEAD	4	265	472	238	391
15684	68105	LEAD	4	105	200	120	190
15686	68105	LEAD	4	145	238	149	218
15691	68105	LEAD	5	263	355	237	305
15693	68105	LEAD	4	399	734	338	585
15694	68105	LEAD	4	299	405	263	341
15695	68105	LEAD	4	108	213	122	200
15697	68105	LEAD	2	342	398	295	337
15698	68105	LEAD	4	55	70	83	94
15701	68105	LEAD	5	117	131	129	139
15705	68105	LEAD	4	306	426	269	358
15708	68105	LEAD	4	384	653	326	526

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15709	68105	LEAD	4	257	359	232	308
15712	68105	LEAD	4	215	318	201	277
15715	68105	LEAD	5	48	75	78	97
15717	68105	LEAD	6	305	700	268	560
15718	68105	LEAD	4	339	818	293	647
15723	68105	LEAD	5	178	358	174	307
15728	68105	LEAD	5	158	234	159	215
15729	68105	LEAD	3	134	248	141	225
15732	68105	LEAD	4	145	296	150	261
15733	68105	LEAD	5	654	1203	526	932
15736	68105	LEAD	4	124	157	134	158
15741	68105	LEAD	5	69	79	93	100
15744	68105	LEAD	4	67	83	92	104
15745	68105	LEAD	4	120	148	131	151
15746	68105	LEAD	4	244	371	222	316
15749	68105	LEAD	4	233	297	215	262
15753	68105	LEAD	4	73	84	96	104
15754	68105	LEAD	5	145	187	149	181
15756	68105	LEAD	2	248	368	225	315
15757	68105	LEAD	4	81	111	102	124
15758	68105	LEAD	4	146	189	150	182
15765	68105	LEAD	4	177	250	173	227
15767	68105	LEAD	4	592	721	480	575
15771	68105	LEAD	4	205	314	194	274
15774	68105	LEAD	5	128	176	137	173
15780	68105	LEAD	5	98	148	114	152
15781	68105	LEAD	5	118	200	129	190
15782	68105	LEAD	4	187	258	180	233
15783	68105	LEAD	4	303	402	266	339
15786	68105	LEAD	4	282	467	251	387
15792	68105	LEAD	4	246	365	224	312
15797	68105	LEAD	4	108	147	122	151
15798	68105	LEAD	4	201	249	191	226
15801	68105	LEAD	4	262	307	236	269
15802	68105	LEAD	4	96	152	113	154
15804	68105	LEAD	5	204	305	193	268
15805	68105	LEAD	3	316	364	276	311
15808	68105	LEAD	5	83	98	103	114
15810	68105	LEAD	4	159	217	160	202
15811	68105	LEAD	4	223	349	207	301
15815	68105	LEAD	4	512	1178	421	913
15818	68105	LEAD	4	252	315	229	275
15820	68105	LEAD	4	330	541	286	442
15821	68105	LEAD	6	91	184	109	178
15824	68105	LEAD	4	136	182	143	177

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15829	68105	LEAD	4	193	441	185	368
15832	68105	LEAD	5	183	466	177	387
15834	68105	LEAD	4	63	74	88	97
15835	68105	LEAD	4	124	162	134	162
15836	68105	LEAD	4	90	145	108	149
15838	68105	LEAD	4	94	127	112	136
15840	68105	LEAD	4	196	458	187	381
15842	68105	LEAD	4	69	77	93	99
15843	68105	LEAD	4	218	406	203	342
15846	68105	LEAD	4	383	536	325	439
15848	68105	LEAD	4	581	1071	472	835
15849	68105	LEAD	5	83	102	103	118
15856	68105	LEAD	5	479	859	397	677
15860	68105	LEAD	5	334	447	289	372
15864	68105	LEAD	2	539	936	441	734
15867	68105	LEAD	3	82	104	102	119
15868	68105	LEAD	4	101	124	117	134
15871	68105	LEAD	5	119	171	130	169
15872	68105	LEAD	6	93	149	111	152
15879	68105	LEAD	4	97	112	114	125
15882	68105	LEAD	4	68	86	92	106
15884	68105	LEAD	4	135	172	142	170
15886	68105	LEAD	4	307	368	269	314
15891	68105	LEAD	4	154	226	156	209
15894	68105	LEAD	4	143	222	148	206
15896	68105	LEAD	5	151	380	153	323
15897	68105	LEAD	3	163	239	162	219
15898	68105	LEAD	4	284	473	252	392
15900	68105	LEAD	4	261	346	235	298
15901	68105	LEAD	4	111	160	124	160
15904	68105	LEAD	4	176	224	172	208
15905	68105	LEAD	4	190	351	183	302
15908	68105	LEAD	4	173	338	170	292
15911	68105	LEAD	5	243	394	222	334
15914	68105	LEAD	4	132	167	140	165
15916	68105	LEAD	5	161	196	161	187
15918	68105	LEAD	5	53	113	81	125
15921	68105	LEAD	4	157	186	158	179
15922	68105	LEAD	4	91	126	109	135
15924	68105	LEAD	4	304	561	267	457
15926	68105	LEAD	4	384	861	326	679
15928	68105	LEAD	4	178	291	174	257
15932	68105	LEAD	4	142	249	147	226
15933	68105	LEAD	4	632	860	510	679
15935	68105	LEAD	4	1242	2169	961	1647

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15936	68105	LEAD	4	148	180	151	175
15938	68105	LEAD	4	238	370	218	316
15943	68105	LEAD	5	228	347	211	299
15945	68105	LEAD	5	304	394	267	333
15949	68105	LEAD	4	96	119	113	130
15950	68105	LEAD	4	211	289	199	256
15951	68105	LEAD	4	319	469	278	389
15952	68105	LEAD	5	69	82	93	102
15953	68105	LEAD	4	207	274	196	245
15957	68105	LEAD	5	280	427	249	358
15958	68105	LEAD	4	264	549	238	448
15959	68105	LEAD	3	241	398	220	337
15960	68105	LEAD	4	245	282	223	251
15962	68105	LEAD	4	376	554	320	452
15967	68105	LEAD	5	171	291	169	257
15968	68105	LEAD	5	148	297	151	262
15969	68105	LEAD	4	383	808	326	640
15975	68105	LEAD	4	375	647	319	521
15978	68105	LEAD	4	88	130	107	138
15981	68105	LEAD	4	312	632	273	509
15985	68105	LEAD	4	171	235	169	216
15986	68105	LEAD	3	126	203	135	192
15988	68105	LEAD	5	177	300	173	264
15991	68105	LEAD	6	137	187	143	181
15992	68105	LEAD	1	1162	1162	902	902
15994	68105	LEAD	4	345	741	297	590
16002	68105	LEAD	6	141	327	147	284
16007	68105	LEAD	4	444	603	371	489
16009	68105	LEAD	3	437	501	365	413
16014	68105	LEAD	4	426	516	357	424
16015	68105	LEAD	5	463	1667	385	1275
16017	68105	LEAD	3	246	376	224	320
16019	68105	LEAD	5	60	74	86	97
16020	68105	LEAD	4	232	322	214	280
16022	68105	LEAD	4	242	353	221	303
16026	68105	LEAD	4	338	502	292	413
16027	68105	LEAD	4	259	613	234	496
16031	68105	LEAD	4	184	322	178	280
16044	68105	LEAD	5	218	432	203	362
16047	68105	LEAD	4	194	225	186	209
16048	68105	LEAD	5	234	381	215	324
16049	68105	LEAD	4	463	962	385	754
16052	68105	LEAD	3	152	251	154	228
16053	68105	LEAD	4	114	134	126	141
16054	68105	LEAD	4	114	185	127	179

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16055	68105	LEAD	4	395	726	334	579
16056	68105	LEAD	4	421	845	353	667
16058	68105	LEAD	4	336	659	290	530
16059	68105	LEAD	4	228	310	211	271
16060	68105	LEAD	4	191	244	184	223
16062	68105	LEAD	4	94	128	111	137
16063	68105	LEAD	4	73	109	96	123
16066	68105	LEAD	4	121	153	131	155
16067	68105	LEAD	4	194	303	185	266
16068	68105	LEAD	5	383	473	326	392
16069	68105	LEAD	3	374	523	319	429
16070	68105	LEAD	4	136	246	143	224
16072	68105	LEAD	4	68	78	92	100
16076	68105	LEAD	4	104	147	119	151
16078	68105	LEAD	4	110	217	123	203
16082	68105	LEAD	3	56	76	84	98
16083	68105	LEAD	5	207	544	195	445
16084	68105	LEAD	4	117	188	128	181
16085	68105	LEAD	4	154	331	156	287
16087	68105	LEAD	4	288	307	255	269
16090	68105	LEAD	4	132	205	140	194
16092	68105	LEAD	3	176	303	172	266
16093	68105	LEAD	4	81	104	102	119
16094	68105	LEAD	2	1110	1280	863	989
16095	68105	LEAD	4	181	304	176	267
16096	68105	LEAD	5	296	520	261	427
16098	68105	LEAD	2	409	577	345	469
16099	68105	LEAD	4	41	113	72	126
16102	68105	LEAD	4	166	354	165	304
16103	68105	LEAD	4	299	596	263	483
16108	68105	LEAD	4	42	61	73	87
16109	68105	LEAD	3	77	107	99	121
16110	68105	LEAD	5	90	182	108	177
16111	68105	LEAD	4	228	446	211	372
16113	68105	LEAD	4	406	1011	342	790
16114	68105	LEAD	4	94	133	111	141
16115	68105	LEAD	4	93	130	111	138
16116	68105	LEAD	5	205	330	194	287
16118	68105	LEAD	4	215	308	201	270
16119	68105	LEAD	4	154	192	156	184
16121	68105	LEAD	4	240	373	220	318
16122	68105	LEAD	4	179	251	174	228
16123	68105	LEAD	4	138	265	144	238
16124	68105	LEAD	4	378	548	321	447
16127	68105	LEAD	4	99	113	115	125

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16136	68105	LEAD	4	162	225	162	208
16140	68105	LEAD	5	70	125	94	135
16142	68105	LEAD	4	443	655	370	526
16144	68105	LEAD	4	98	105	114	120
16146	68105	LEAD	4	269	406	241	342
16149	68105	LEAD	4	87	124	106	134
16151	68105	LEAD	4	52	80	80	101
16152	68105	LEAD	6	257	345	232	297
16154	68105	LEAD	4	67	103	92	118
16155	68105	LEAD	4	119	221	130	205
16158	68105	LEAD	4	119	145	130	149
16159	68105	LEAD	5	116	161	128	161
16161	68105	LEAD	4	687	798	550	632
16166	68105	LEAD	4	67	83	92	103
16168	68105	LEAD	4	285	585	253	475
16169	68105	LEAD	4	200	293	190	259
16171	68105	LEAD	5	168	279	167	248
16172	68105	LEAD	4	273	572	244	465
16173	68105	LEAD	4	64	97	90	113
16178	68105	LEAD	5	558	1078	455	840
16179	68105	LEAD	5	106	213	120	199
16181	68105	LEAD	5	191	251	183	228
16182	68105	LEAD	5	180	362	175	310
16183	68105	LEAD	4	150	228	153	211
16185	68105	LEAD	3	314	428	274	358
16186	68105	LEAD	4	459	623	381	503
16188	68105	LEAD	5	318	518	277	425
16189	68105	LEAD	5	148	189	152	182
16193	68105	LEAD	4	330	526	286	431
16196	68105	LEAD	5	93	127	111	136
16206	68105	LEAD	4	101	137	117	143
16210	68105	LEAD	4	93	152	111	154
16211	68105	LEAD	4	199	303	190	266
16216	68105	LEAD	4	253	440	229	367
16221	68105	LEAD	4	58	75	85	97
16223	68105	LEAD	5	139	271	145	243
16228	68105	LEAD	4	218	373	204	318
16229	68105	LEAD	4	192	267	184	240
16230	68105	LEAD	5	245	312	223	273
16231	68105	LEAD	4	120	209	131	196
16232	68105	LEAD	4	122	167	132	166
16233	68105	LEAD	4	607	813	491	643
16234	68105	LEAD	4	419	627	352	506
16235	68105	LEAD	4	352	494	302	407
16236	68105	LEAD	4	131	150	139	153

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16241	68105	LEAD	5	263	344	236	297
16242	68105	LEAD	4	331	430	287	360
16243	68105	LEAD	4	224	485	207	401
16248	68105	LEAD	4	332	777	288	617
16249	68105	LEAD	4	183	345	178	297
16250	68105	LEAD	4	110	126	123	135
16255	68105	LEAD	4	210	324	198	282
16263	68105	LEAD	4	286	331	254	287
16264	68105	LEAD	4	239	513	219	422
16269	68105	LEAD	4	357	549	306	448
16271	68105	LEAD	4	339	457	293	380
16272	68105	LEAD	4	155	263	157	237
16275	68105	LEAD	4	145	189	149	182
16276	68105	LEAD	5	277	467	247	387
16278	68105	LEAD	4	109	133	123	140
16281	68105	LEAD	4	330	368	286	314
16283	68105	LEAD	4	284	410	252	345
16286	68105	LEAD	4	391	602	331	487
16290	68105	LEAD	4	203	321	192	279
16292	68105	LEAD	4	69	106	93	120
16293	68105	LEAD	4	103	164	118	163
16295	68105	LEAD	4	238	273	218	244
16298	68105	LEAD	5	556	801	453	634
16301	68105	LEAD	4	363	497	311	409
16302	68105	LEAD	5	90	114	109	126
16303	68105	LEAD	3	289	344	256	297
16306	68105	LEAD	4	239	471	219	391
16308	68105	LEAD	4	296	359	261	308
16309	68105	LEAD	4	72	82	95	103
16312	68105	LEAD	5	135	176	142	172
16314	68105	LEAD	5	293	555	259	453
16315	68105	LEAD	4	161	243	161	222
16317	68105	LEAD	5	179	305	174	268
16318	68105	LEAD	4	119	173	130	170
16321	68105	LEAD	4	238	486	218	402
16324	68105	LEAD	5	99	185	115	179
16325	68105	LEAD	5	221	353	206	304
16327	68105	LEAD	4	210	417	197	351
16329	68105	LEAD	4	104	145	119	150
16332	68105	LEAD	5	354	539	304	441
16333	68105	LEAD	4	383	727	326	580
16336	68105	LEAD	4	118	148	129	152
16337	68105	LEAD	3	600	857	486	676
16342	68105	LEAD	4	68	86	92	106
16343	68105	LEAD	3	219	315	204	275

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16345	68105	LEAD	4	450	525	375	431
16346	68105	LEAD	4	151	208	154	196
16350	68105	LEAD	4	458	954	381	748
16351	68105	LEAD	5	143	226	148	209
16352	68105	LEAD	4	211	367	198	313
16356	68105	LEAD	4	96	115	113	127
16357	68105	LEAD	4	279	575	248	467
16358	68105	LEAD	4	261	414	235	349
16359	68105	LEAD	3	444	812	371	643
16363	68105	LEAD	5	70	99	94	115
16364	68105	LEAD	4	214	265	200	238
16365	68105	LEAD	4	154	206	156	195
16371	68105	LEAD	4	32	46	65	76
16372	68105	LEAD	4	131	148	139	152
16375	68105	LEAD	5	67	96	92	113
16378	68105	LEAD	4	72	95	95	112
16380	68105	LEAD	4	251	340	228	293
16382	68105	LEAD	4	117	191	129	183
16384	68105	LEAD	5	59	70	86	94
16385	68105	LEAD	5	275	345	246	298
16387	68105	LEAD	4	124	174	134	171
16389	68105	LEAD	4	82	115	103	127
16390	68105	LEAD	4	349	395	301	334
16391	68105	LEAD	4	164	227	163	210
16392	68105	LEAD	4	311	622	272	502
16393	68105	LEAD	5	172	259	169	234
16394	68105	LEAD	3	63	92	88	110
16395	68105	LEAD	4	108	131	122	139
16397	68105	LEAD	4	220	339	205	293
16398	68105	LEAD	4	232	479	214	396
16400	68105	LEAD	5	485	748	401	595
16406	68105	LEAD	5	216	322	202	281
16408	68105	LEAD	5	190	290	183	257
16411	68105	LEAD	4	58	80	85	101
16412	68105	LEAD	4	144	174	149	171
16413	68105	LEAD	4	147	191	151	183
16415	68105	LEAD	5	303	514	266	422
16420	68105	LEAD	5	158	311	159	272
16421	68105	LEAD	4	74	127	97	136
16422	68105	LEAD	4	435	702	364	561
16424	68105	LEAD	4	181	283	176	251
16426	68105	LEAD	4	96	113	113	125
16427	68105	LEAD	4	86	123	106	133
16428	68105	LEAD	4	154	238	156	218
16429	68105	LEAD	4	253	316	229	276

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16430	68105	LEAD	4	260	465	235	386
16432	68105	LEAD	4	216	317	202	276
16436	68105	LEAD	4	148	250	151	227
16437	68105	LEAD	4	189	240	182	219
16439	68105	LEAD	4	545	737	445	587
16445	68105	LEAD	5	447	871	373	687
16447	68105	LEAD	4	235	364	216	311
16449	68105	LEAD	4	137	191	144	183
16450	68105	LEAD	4	443	645	370	519
16451	68105	LEAD	3	418	579	351	471
16453	68105	LEAD	4	111	167	124	166
16454	68105	LEAD	4	209	340	196	294
16456	68105	LEAD	4	179	264	175	238
16458	68105	LEAD	5	151	188	154	181
16459	68105	LEAD	5	136	200	142	190
16461	68105	LEAD	4	249	567	226	462
16462	68105	LEAD	4	178	249	174	226
16464	68105	LEAD	5	145	181	149	176
16465	68105	LEAD	4	267	370	239	316
16466	68105	LEAD	6	217	519	203	426
16467	68105	LEAD	4	140	257	146	232
16469	68105	LEAD	4	144	267	148	239
16471	68105	LEAD	5	212	272	199	244
16472	68105	LEAD	3	306	447	269	373
16473	68105	LEAD	4	232	323	213	281
16475	68105	LEAD	5	192	334	184	289
16478	68105	LEAD	4	128	175	137	171
16480	68105	LEAD	4	110	197	123	188
16484	68105	LEAD	5	163	249	163	226
16485	68105	LEAD	4	179	265	175	238
16486	68105	LEAD	4	129	303	137	266
16487	68105	LEAD	5	109	208	123	196
16488	68105	LEAD	4	95	138	112	144
16490	68105	LEAD	4	263	457	236	380
16493	68105	LEAD	4	67	90	92	109
16494	68105	LEAD	4	137	202	143	191
16495	68105	LEAD	4	127	289	136	256
16496	68105	LEAD	4	173	282	170	251
16499	68105	LEAD	5	204	411	193	346
16500	68105	LEAD	4	105	123	120	133
16501	68105	LEAD	4	214	437	200	365
16505	68105	LEAD	3	190	216	182	202
16506	68105	LEAD	4	422	578	354	470
16507	68105	LEAD	4	125	179	135	174
16511	68105	LEAD	4	245	314	223	275

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16513	68105	LEAD	4	140	209	146	196
16519	68105	LEAD	5	122	192	132	184
16523	68105	LEAD	4	201	403	191	340
16528	68105	LEAD	4	103	187	118	181
16533	68105	LEAD	3	214	246	200	224
16535	68105	LEAD	3	233	470	214	390
16537	68105	LEAD	4	169	253	167	229
16541	68105	LEAD	4	376	532	320	435
16543	68105	LEAD	4	109	158	122	159
16544	68105	LEAD	4	213	428	199	358
16545	68105	LEAD	4	138	314	144	274
16550	68105	LEAD	4	123	191	133	183
16553	68105	LEAD	4	171	244	169	223
16555	68105	LEAD	4	74	143	97	148
16557	68105	LEAD	4	417	627	351	506
16559	68105	LEAD	4	193	523	185	429
16562	68105	LEAD	5	147	184	151	178
16563	68105	LEAD	5	89	116	108	128
16564	68105	LEAD	4	136	224	142	208
16565	68105	LEAD	5	280	339	250	293
16566	68105	LEAD	4	258	495	233	408
16568	68105	LEAD	4	116	142	128	147
16569	68105	LEAD	4	258	418	233	351
16570	68105	LEAD	3	302	439	266	367
16571	68105	LEAD	5	127	189	136	182
16572	68105	LEAD	3	112	137	125	143
16573	68105	LEAD	3	77	94	99	112
16574	68105	LEAD	4	317	488	277	403
16575	68105	LEAD	5	143	298	148	262
16589	68105	LEAD	4	119	174	130	171
16591	68105	LEAD	5	284	432	252	362
16597	68105	LEAD	4	189	246	182	224
16598	68105	LEAD	4	394	863	333	680
16605	68105	LEAD	4	241	528	221	432
16607	68105	LEAD	6	154	223	156	207
16609	68105	LEAD	5	415	783	349	622
16611	68105	LEAD	4	204	282	193	250
16614	68105	LEAD	4	82	111	102	124
16615	68105	LEAD	5	157	268	158	240
16618	68105	LEAD	4	185	224	179	207
16619	68105	LEAD	4	232	321	214	279
16621	68105	LEAD	4	194	297	186	262
16622	68105	LEAD	4	277	526	247	431
16628	68105	LEAD	5	202	277	192	247
16631	68105	LEAD	5	69	158	93	159

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16634	68105	LEAD	4	147	274	151	245
16638	68105	LEAD	5	207	355	195	305
16639	68105	LEAD	5	48	66	77	91
16641	68105	LEAD	3	96	105	113	120
16646	68105	LEAD	4	302	464	265	385
16647	68105	LEAD	4	162	330	162	286
16649	68105	LEAD	4	68	95	92	112
16650	68105	LEAD	6	198	325	189	282
16651	68105	LEAD	4	139	167	145	166
16654	68105	LEAD	4	72	137	95	144
16657	68105	LEAD	4	265	515	238	423
16658	68105	LEAD	4	325	458	282	381
16660	68105	LEAD	4	254	389	230	330
16668	68105	LEAD	5	206	297	194	262
16669	68105	LEAD	4	379	873	323	688
16671	68105	LEAD	4	120	177	131	173
16675	68105	LEAD	4	509	805	419	638
16678	68105	LEAD	5	145	173	149	170
16679	68105	LEAD	4	388	653	329	525
16680	68105	LEAD	4	665	933	534	732
16681	68105	LEAD	4	193	236	185	217
16684	68105	LEAD	4	135	221	142	206
16688	68105	LEAD	5	79	130	101	139
16691	68105	LEAD	5	73	134	96	141
16692	68105	LEAD	4	82	94	102	111
16694	68105	LEAD	4	132	249	140	226
16696	68105	LEAD	4	112	230	125	212
16697	68105	LEAD	4	150	213	153	200
16698	68105	LEAD	4	283	575	252	467
16700	68105	LEAD	5	90	123	109	133
16703	68105	LEAD	4	75	131	97	139
16704	68105	LEAD	4	85	115	105	127
16706	68105	LEAD	4	58	71	85	95
16707	68105	LEAD	5	452	962	377	754
16708	68105	LEAD	4	204	426	193	357
16710	68105	LEAD	5	297	649	262	522
16715	68105	LEAD	4	131	193	139	185
16716	68105	LEAD	4	209	286	197	254
16721	68105	LEAD	4	220	283	205	251
16722	68105	LEAD	4	239	442	219	369
16723	68105	LEAD	3	43	82	74	103
16725	68105	LEAD	4	93	185	110	179
16727	68105	LEAD	4	357	744	306	592
16728	68105	LEAD	5	320	725	279	578
16729	68105	LEAD	5	153	212	156	199

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16731	68105	LEAD	4	209	329	197	286
16736	68105	LEAD	4	152	176	155	172
16737	68105	LEAD	4	302	444	265	370
16738	68105	LEAD	4	219	343	204	296
16739	68105	LEAD	5	110	143	124	148
16740	68105	LEAD	4	73	106	96	120
16742	68105	LEAD	4	260	315	235	275
16743	68105	LEAD	5	90	131	109	139
16744	68105	LEAD	4	139	240	145	219
16747	68105	LEAD	4	202	358	191	307
16748	68105	LEAD	4	180	252	176	229
16749	68105	LEAD	4	259	499	234	411
16755	68105	LEAD	5	83	98	103	115
16759	68105	LEAD	5	328	501	285	413
16760	68105	LEAD	5	100	146	116	150
16761	68105	LEAD	4	231	325	213	283
16762	68105	LEAD	5	250	376	227	320
16763	68105	LEAD	4	139	183	145	178
16764	68105	LEAD	5	240	383	220	325
16765	68105	LEAD	4	143	166	148	165
16772	68105	LEAD	5	77	111	99	124
16773	68105	LEAD	4	267	420	240	353
16775	68105	LEAD	4	349	698	300	559
16777	68105	LEAD	4	229	349	212	301
16779	68105	LEAD	5	283	513	251	422
16781	68105	LEAD	4	96	163	113	163
16791	68105	LEAD	4	224	270	207	242
16792	68105	LEAD	5	310	534	271	437
16793	68105	LEAD	5	224	308	208	270
16794	68105	LEAD	4	56	61	83	87
16799	68105	LEAD	4	233	288	215	255
16802	68105	LEAD	4	219	351	204	302
16803	68105	LEAD	5	118	243	130	221
16806	68105	LEAD	3	261	426	235	357
16807	68105	LEAD	5	103	181	118	176
16808	68105	LEAD	4	176	395	172	334
16810	68105	LEAD	2	249	325	226	282
16812	68105	LEAD	4	313	351	273	301
16815	68105	LEAD	4	185	272	179	243
16816	68105	LEAD	4	164	214	163	201
16817	68105	LEAD	4	213	416	200	350
16818	68105	LEAD	4	190	352	183	303
16820	68105	LEAD	5	134	166	141	165
16825	68105	LEAD	4	227	271	210	243
16827	68105	LEAD	4	164	179	163	175

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16830	68105	LEAD	4	297	444	262	370
16831	68105	LEAD	5	355	439	305	367
16832	68105	LEAD	4	185	274	179	244
16840	68105	LEAD	3	219	314	204	275
16842	68105	LEAD	4	183	208	178	196
16843	68105	LEAD	4	212	417	199	351
16844	68105	LEAD	4	201	266	191	239
16851	68105	LEAD	4	195	370	186	316
16858	68105	LEAD	4	320	569	279	463
16859	68105	LEAD	5	177	367	173	313
16861	68105	LEAD	4	445	640	371	515
16865	68105	LEAD	4	64	127	90	136
16866	68105	LEAD	5	158	289	159	256
16867	68105	LEAD	4	694	852	555	672
16869	68105	LEAD	4	104	166	119	165
16876	68105	LEAD	4	291	443	258	370
16877	68105	LEAD	4	747	2342	595	1775
16880	68105	LEAD	4	226	554	209	452
16881	68105	LEAD	4	214	381	201	324
16882	68105	LEAD	4	176	295	172	261
16884	68105	LEAD	3	771	911	612	716
16888	68105	LEAD	4	100	133	116	141
16889	68105	LEAD	5	130	308	138	270
16891	68105	LEAD	2	261	307	235	269
16893	68105	LEAD	4	76	106	98	120
16895	68105	LEAD	3	159	326	160	283
16896	68105	LEAD	4	64	82	89	103
16900	68105	LEAD	4	78	85	100	105
16903	68105	LEAD	4	203	256	192	231
16904	68105	LEAD	3	300	317	264	277
16911	68105	LEAD	4	283	311	252	272
16913	68105	LEAD	4	82	120	103	131
16916	68105	LEAD	3	236	312	216	273
16917	68105	LEAD	4	146	327	150	284
16919	68105	LEAD	4	176	374	172	319
16920	68105	LEAD	4	525	808	430	640
16921	68105	LEAD	4	140	156	145	157
16922	68105	LEAD	4	476	806	394	638
16923	68105	LEAD	4	103	147	118	151
16924	68105	LEAD	4	70	90	94	109
16926	68105	LEAD	5	214	374	201	319
16928	68105	LEAD	4	413	771	348	612
16929	68105	LEAD	4	342	460	295	382
16930	68105	LEAD	4	473	847	392	669
16931	68105	LEAD	5	288	457	255	380

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16932	68105	LEAD	4	203	324	192	282
16933	68105	LEAD	5	262	520	236	427
16936	68105	LEAD	4	209	340	197	293
16938	68105	LEAD	5	176	260	172	234
16939	68105	LEAD	5	322	418	280	351
16942	68105	LEAD	4	142	162	147	162
16943	68105	LEAD	2	224	285	208	253
16945	68105	LEAD	3	105	197	119	188
16946	68105	LEAD	5	371	920	317	723
16949	68105	LEAD	4	211	274	198	245
16950	68105	LEAD	4	171	229	168	212
16954	68105	LEAD	5	180	301	175	265
16957	68105	LEAD	4	442	764	369	607
16958	68105	LEAD	4	527	848	432	669
16959	68105	LEAD	4	240	309	220	271
16961	68105	LEAD	4	538	810	440	641
16962	68105	LEAD	4	606	797	490	632
16963	68105	LEAD	4	332	551	287	450
16965	68105	LEAD	4	165	423	164	355
16967	68105	LEAD	4	299	433	263	363
16970	68105	LEAD	4	177	318	173	277
16974	68105	LEAD	4	171	321	168	280
16975	68105	LEAD	5	293	572	259	465
16976	68105	LEAD	5	134	280	141	249
16978	68105	LEAD	4	295	570	261	464
16980	68105	LEAD	5	139	226	145	209
16983	68105	LEAD	4	141	202	146	191
16985	68105	LEAD	4	188	311	181	272
16986	68105	LEAD	4	127	169	136	167
16990	68105	LEAD	4	96	171	113	168
16992	68105	LEAD	5	159	229	160	212
16994	68105	LEAD	3	88	108	107	122
16995	68105	LEAD	4	301	452	265	377
16996	68105	LEAD	4	135	180	142	175
16998	68105	LEAD	4	62	88	88	107
17001	68105	LEAD	4	84	118	104	129
17006	68105	LEAD	5	253	469	229	389
17011	68105	LEAD	5	252	362	229	310
17012	68105	LEAD	5	432	578	362	470
17015	68105	LEAD	5	234	389	215	330
17016	68105	LEAD	4	262	386	236	327
17020	68105	LEAD	5	503	635	414	512
17021	68105	LEAD	4	322	459	280	381
17023	68105	LEAD	4	173	256	170	231
17025	68105	LEAD	4	375	518	320	425

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17030	68105	LEAD	5	283	540	251	441
17032	68105	LEAD	6	324	683	282	548
17040	68105	LEAD	4	483	750	400	597
17041	68105	LEAD	4	149	252	152	229
17042	68105	LEAD	5	190	384	183	326
17043	68105	LEAD	4	114	170	126	168
17051	68105	LEAD	5	515	651	423	524
17052	68105	LEAD	4	388	884	329	696
17053	68105	LEAD	4	52	59	81	85
17055	68105	LEAD	4	290	442	257	369
17064	68105	LEAD	4	114	140	126	146
17065	68105	LEAD	4	848	1396	670	1075
17067	68105	LEAD	4	117	251	128	228
17071	68105	LEAD	5	396	673	335	540
17072	68105	LEAD	5	176	406	172	342
17074	68105	LEAD	4	204	422	193	354
17076	68105	LEAD	4	91	160	109	161
17077	68105	LEAD	5	384	793	326	629
17081	68105	LEAD	4	130	174	138	171
17082	68105	LEAD	4	81	124	102	134
17084	68105	LEAD	4	136	222	143	206
17085	68105	LEAD	5	117	164	129	164
17086	68105	LEAD	5	162	257	162	232
17088	68105	LEAD	4	198	322	188	280
17089	68105	LEAD	4	203	380	192	323
17095	68105	LEAD	5	208	243	196	222
17097	68105	LEAD	5	307	549	269	448
17099	68105	LEAD	5	261	555	235	453
17102	68105	LEAD	5	113	139	126	145
17105	68105	LEAD	4	231	284	213	252
17107	68105	LEAD	4	145	199	150	189
17108	68105	LEAD	3	396	575	335	468
17113	68105	LEAD	5	119	196	130	187
17116	68105	LEAD	3	235	336	216	291
17117	68105	LEAD	4	59	97	86	114
17119	68105	LEAD	4	185	263	179	237
17122	68105	LEAD	3	568	1342	462	1035
17123	68105	LEAD	4	57	67	84	91
17124	68105	LEAD	4	170	295	167	260
17129	68105	LEAD	6	269	375	241	319
17130	68105	LEAD	4	108	145	122	149
17132	68105	LEAD	4	521	939	428	737
17133	68105	LEAD	4	158	291	159	257
17134	68105	LEAD	5	248	366	225	313
17135	68105	LEAD	4	197	349	188	300

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17138	68105	LEAD	5	269	572	241	466
17140	68105	LEAD	5	342	501	295	413
17142	68105	LEAD	4	98	128	114	137
17143	68105	LEAD	4	517	1157	425	898
17145	68105	LEAD	4	80	89	101	108
17149	68105	LEAD	4	200	284	190	252
17150	68105	LEAD	3	178	275	174	246
17151	68105	LEAD	4	145	251	149	228
17153	68105	LEAD	5	367	510	313	419
17154	68105	LEAD	5	154	215	156	201
17155	68105	LEAD	4	376	570	320	464
17158	68105	LEAD	5	331	682	287	546
17161	68105	LEAD	4	177	237	173	217
17162	68105	LEAD	4	784	2678	622	2023
17163	68105	LEAD	4	61	92	87	110
17165	68105	LEAD	4	341	560	295	456
17166	68105	LEAD	4	88	128	107	137
17169	68105	LEAD	3	278	433	248	362
17172	68105	LEAD	4	218	320	203	279
17175	68105	LEAD	4	512	586	421	475
17176	68105	LEAD	3	448	738	373	588
17179	68105	LEAD	5	296	565	261	460
17181	68105	LEAD	3	144	266	148	239
17182	68105	LEAD	5	274	368	245	314
17184	68105	LEAD	4	578	800	469	634
17185	68105	LEAD	4	141	184	146	178
17186	68105	LEAD	4	382	679	325	545
17187	68105	LEAD	4	489	920	404	723
17190	68105	LEAD	3	296	386	261	328
17192	68105	LEAD	4	292	352	258	302
17193	68105	LEAD	4	425	931	357	731
17195	68105	LEAD	4	224	461	208	383
17196	68105	LEAD	2	187	213	180	200
17198	68105	LEAD	4	320	396	279	335
17199	68105	LEAD	4	147	252	151	229
17201	68105	LEAD	5	208	277	196	247
17202	68105	LEAD	2	265	354	238	304
17203	68105	LEAD	4	170	217	167	203
17207	68105	LEAD	6	196	503	187	414
17208	68105	LEAD	2	209	295	197	261
17209	68105	LEAD	3	233	311	214	272
17211	68105	LEAD	4	358	515	307	423
17213	68105	LEAD	4	111	162	124	162
17214	68105	LEAD	4	294	368	259	315
17215	68105	LEAD	4	73	108	96	122

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17216	68105	LEAD	4	472	937	391	735
17217	68105	LEAD	4	268	358	240	307
17219	68105	LEAD	4	70	81	94	102
17220	68105	LEAD	4	155	228	157	211
17222	68105	LEAD	5	103	145	118	149
17223	68105	LEAD	4	162	250	162	227
17227	68105	LEAD	4	369	500	315	412
17231	68105	LEAD	5	261	431	235	361
17236	68105	LEAD	4	701	1327	561	1024
17237	68105	LEAD	4	165	231	164	213
17240	68105	LEAD	5	43	57	74	84
17243	68105	LEAD	4	252	354	228	304
17244	68105	LEAD	5	359	553	308	452
17248	68105	LEAD	4	388	512	329	421
17254	68105	LEAD	4	75	102	97	117
17255	68105	LEAD	5	214	396	200	335
17256	68105	LEAD	4	209	291	197	257
17257	68105	LEAD	4	133	188	140	181
17258	68105	LEAD	4	233	282	214	251
17267	68105	LEAD	4	293	365	259	312
17270	68105	LEAD	4	44	62	75	88
17271	68105	LEAD	4	243	346	222	298
17272	68105	LEAD	4	472	857	392	676
17275	68105	LEAD	3	468	668	388	537
17276	68105	LEAD	5	435	871	364	687
17278	68105	LEAD	4	186	246	180	224
17279	68105	LEAD	4	246	416	224	350
17281	68105	LEAD	4	139	214	145	200
17283	68105	LEAD	5	170	220	168	205
17285	68105	LEAD	5	304	556	267	453
17286	68105	LEAD	5	90	144	109	149
17287	68105	LEAD	5	89	144	108	148
17288	68105	LEAD	4	186	293	180	259
17290	68105	LEAD	4	162	235	162	216
17292	68105	LEAD	4	115	164	127	163
17293	68105	LEAD	5	354	880	304	693
17294	68105	LEAD	5	363	634	311	511
17295	68105	LEAD	4	173	300	170	264
17298	68105	LEAD	3	153	260	156	234
17300	68105	LEAD	4	171	315	169	275
17302	68105	LEAD	4	139	181	145	176
17303	68105	LEAD	5	102	182	118	177
17305	68105	LEAD	4	174	279	171	249
17310	68105	LEAD	4	364	623	311	503
17313	68105	LEAD	4	135	280	142	249

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17315	68105	LEAD	4	98	126	114	135
17317	68105	LEAD	3	124	234	134	215
17318	68105	LEAD	4	402	664	339	533
17319	68105	LEAD	4	456	670	380	538
17325	68105	LEAD	5	149	207	152	195
17327	68105	LEAD	4	65	116	90	128
17328	68105	LEAD	4	228	355	211	304
17331	68105	LEAD	5	314	797	274	632
17334	68105	LEAD	4	146	206	150	195
17336	68105	LEAD	4	244	299	222	263
17340	68105	LEAD	5	184	386	178	327
17342	68105	LEAD	4	917	2103	720	1598
17344	68105	LEAD	3	283	328	251	285
17345	68105	LEAD	5	313	507	274	417
17346	68105	LEAD	5	128	190	137	183
17348	68105	LEAD	4	584	753	474	599
17352	68105	LEAD	4	323	533	281	437
17355	68105	LEAD	4	412	771	347	612
17357	68105	LEAD	5	137	160	143	160
17359	68105	LEAD	4	324	522	282	428
17363	68105	LEAD	4	165	174	164	170
17364	68105	LEAD	4	374	746	319	594
17367	68105	LEAD	4	197	302	188	266
17368	68105	LEAD	4	421	675	354	541
17370	68105	LEAD	4	151	411	154	346
17374	68105	LEAD	4	316	410	276	346
17375	68105	LEAD	4	136	171	143	169
17376	68105	LEAD	4	105	150	120	153
17379	68105	LEAD	5	236	400	217	338
17382	68105	LEAD	4	205	246	194	224
17384	68105	LEAD	5	121	145	132	150
17386	68105	LEAD	4	83	133	103	140
17387	68105	LEAD	4	240	360	220	308
17390	68105	LEAD	4	256	353	232	303
17391	68105	LEAD	5	362	756	310	602
17392	68105	LEAD	4	206	315	194	275
17394	68105	LEAD	6	246	371	224	317
17396	68105	LEAD	4	65	82	90	103
17398	68105	LEAD	4	457	612	380	495
17406	68105	LEAD	4	139	238	145	218
17409	68105	LEAD	3	224	280	208	249
17413	68105	LEAD	4	77	119	99	130
17421	68105	LEAD	4	303	540	266	442
17423	68105	LEAD	4	202	413	191	348
17429	68105	LEAD	4	349	507	301	417

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17433	68105	LEAD	3	270	486	242	402
17434	68105	LEAD	4	209	352	197	302
17436	68105	LEAD	5	354	803	304	636
17438	68105	LEAD	5	340	726	293	579
17445	68105	LEAD	5	238	332	218	288
17448	68105	LEAD	4	58	72	85	95
17453	68105	LEAD	4	139	232	145	214
17456	68105	LEAD	4	207	280	195	249
17457	68105	LEAD	4	69	76	93	98
17458	68105	LEAD	4	460	862	382	680
17466	68105	LEAD	4	352	450	303	375
17471	68105	LEAD	4	296	475	261	394
17472	68105	LEAD	5	291	439	257	367
17473	68105	LEAD	4	296	516	261	424
17476	68105	LEAD	4	280	389	249	330
17477	68105	LEAD	4	89	133	108	141
17480	68105	LEAD	4	200	355	190	305
17482	68105	LEAD	4	235	342	216	295
17485	68105	LEAD	5	389	722	330	576
17486	68105	LEAD	4	431	524	361	429
17489	68105	LEAD	4	315	448	275	373
17497	68105	LEAD	5	219	320	204	279
17499	68105	LEAD	5	504	685	415	549
17501	68105	LEAD	4	373	499	318	412
17504	68105	LEAD	4	331	515	287	423
17506	68105	LEAD	4	94	189	111	182
17513	68105	LEAD	5	345	527	298	432
17516	68105	LEAD	4	256	515	231	423
17518	68105	LEAD	4	367	838	314	662
17520	68105	LEAD	4	159	222	160	206
17521	68105	LEAD	4	640	1190	515	922
17522	68105	LEAD	4	306	413	268	348
17523	68105	LEAD	4	284	463	252	384
17526	68105	LEAD	5	67	79	92	101
17530	68105	LEAD	4	261	297	236	262
17532	68105	LEAD	4	317	453	277	377
17535	68105	LEAD	4	149	213	152	200
17537	68105	LEAD	4	92	171	110	168
17542	68105	LEAD	4	103	130	118	138
17543	68105	LEAD	4	465	687	386	550
17544	68105	LEAD	4	499	651	411	523
17546	68105	LEAD	5	108	167	122	165
17552	68105	LEAD	5	341	473	294	392
17557	68105	LEAD	4	102	147	117	151
17559	68105	LEAD	4	181	291	176	257

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17560	68105	LEAD	4	298	445	262	371
17562	68105	LEAD	4	67	74	92	97
17566	68105	LEAD	4	288	406	255	342
17571	68105	LEAD	4	171	211	169	198
17572	68105	LEAD	5	90	114	108	126
17573	68105	LEAD	4	423	843	355	666
17574	68105	LEAD	4	183	272	177	243
17578	68105	LEAD	4	114	131	126	139
17583	68105	LEAD	4	121	137	132	143
17584	68105	LEAD	3	216	280	202	249
17588	68105	LEAD	3	269	399	241	338
17590	68105	LEAD	4	215	290	201	256
17591	68105	LEAD	4	453	702	378	561
17594	68105	LEAD	4	65	73	90	96
17598	68105	LEAD	4	95	139	112	145
17604	68105	LEAD	5	118	194	129	186
17605	68105	LEAD	4	113	180	126	175
17608	68105	LEAD	4	180	243	175	222
17609	68105	LEAD	2	93	159	111	160
17610	68105	LEAD	4	57	62	84	88
17612	68105	LEAD	2	28	31	63	65
17613	68105	LEAD	5	373	540	318	442
17614	68105	LEAD	4	179	422	175	354
17615	68105	LEAD	3	178	387	174	329
17616	68105	LEAD	5	363	645	311	519
17618	68105	LEAD	1	585	585	475	475
17619	68105	LEAD	5	387	410	328	345
17624	68105	LEAD	3	423	842	355	665
17625	68105	LEAD	4	160	239	160	219
17627	68105	LEAD	4	94	168	111	166
17629	68105	LEAD	4	149	207	152	195
17632	68105	LEAD	4	165	247	164	225
17634	68105	LEAD	6	111	159	124	160
17636	68105	LEAD	4	185	377	179	321
17638	68105	LEAD	4	150	204	153	193
17640	68105	LEAD	4	429	762	359	606
17644	68105	LEAD	4	436	625	365	504
17649	68105	LEAD	4	308	565	270	460
17651	68105	LEAD	4	224	305	208	268
17653	68105	LEAD	5	89	181	108	176
17667	68105	LEAD	4	176	284	172	252
17668	68105	LEAD	4	322	423	280	355
17669	68105	LEAD	4	92	147	110	151
17673	68105	LEAD	2	557	633	454	511
17675	68105	LEAD	4	135	206	142	195

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17678	68105	LEAD	4	245	628	223	507
17680	68105	LEAD	4	331	698	287	558
17681	68105	LEAD	5	296	384	261	326
17682	68105	LEAD	6	702	1592	562	1220
17684	68105	LEAD	4	307	735	269	586
17685	68105	LEAD	4	248	406	226	343
17686	68105	LEAD	4	190	233	183	214
17687	68105	LEAD	4	193	302	185	265
17688	68105	LEAD	4	220	354	205	304
17690	68105	LEAD	4	126	181	136	176
17692	68105	LEAD	4	178	289	174	256
17694	68105	LEAD	4	67	92	91	110
17695	68105	LEAD	5	193	320	185	279
17697	68105	LEAD	4	519	1214	426	940
17702	68105	LEAD	4	112	216	125	202
17704	68105	LEAD	5	220	344	205	296
17706	68105	LEAD	4	272	578	243	469
17709	68105	LEAD	4	101	129	117	137
17712	68105	LEAD	4	512	800	421	634
17713	68105	LEAD	4	166	202	165	192
17717	68105	LEAD	4	271	310	243	272
17719	68105	LEAD	4	354	580	304	471
17720	68105	LEAD	4	151	342	154	295
17722	68105	LEAD	4	409	560	344	457
17723	68105	LEAD	5	163	218	162	203
17724	68105	LEAD	6	116	177	127	173
17725	68105	LEAD	5	219	356	204	305
17727	68105	LEAD	3	115	143	127	148
17728	68105	LEAD	2	263	288	237	255
17731	68105	LEAD	4	127	236	136	217
17733	68105	LEAD	4	180	307	175	269
17735	68105	LEAD	3	479	772	397	613
17736	68105	LEAD	3	120	189	131	182
17737	68105	LEAD	5	414	690	348	552
17738	68105	LEAD	4	110	153	124	155
17739	68105	LEAD	4	160	322	160	281
17741	68105	LEAD	4	403	566	340	461
17745	68105	LEAD	4	523	844	429	667
17746	68105	LEAD	4	220	255	205	231
17748	68105	LEAD	4	128	176	137	172
17749	68105	LEAD	4	397	622	336	502
17750	68105	LEAD	4	380	685	323	549
17752	68105	LEAD	4	111	197	124	188
17753	68105	LEAD	4	118	144	129	149
17756	68105	LEAD	4	469	726	389	579

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17757	68105	LEAD	4	55	59	82	86
17762	68105	LEAD	4	101	136	117	142
17763	68105	LEAD	5	180	215	175	201
17764	68105	LEAD	4	545	601	445	487
17765	68105	LEAD	4	495	728	408	581
17767	68105	LEAD	5	268	586	240	476
17768	68105	LEAD	4	215	248	201	225
17769	68105	LEAD	4	268	323	240	281
17770	68105	LEAD	4	379	540	322	441
17777	68105	LEAD	4	244	341	223	294
17780	68105	LEAD	4	81	126	102	135
17781	68105	LEAD	5	129	246	138	224
17783	68105	LEAD	4	315	381	275	324
17786	68105	LEAD	4	52	85	80	105
17788	68105	LEAD	4	273	364	244	311
17791	68105	LEAD	4	68	100	93	116
17794	68105	LEAD	4	110	165	123	164
17795	68105	LEAD	4	214	229	200	212
17796	68105	LEAD	4	104	129	119	137
17798	68105	LEAD	3	273	379	244	323
17802	68105	LEAD	4	101	222	117	207
17803	68105	LEAD	3	102	121	118	132
17806	68105	LEAD	5	358	604	307	489
17808	68105	LEAD	5	529	797	434	632
17812	68105	LEAD	4	301	385	264	327
17814	68105	LEAD	4	96	134	113	141
17816	68105	LEAD	5	336	569	291	463
17820	68105	LEAD	4	243	356	222	305
17821	68105	LEAD	4	103	185	119	179
17822	68105	LEAD	5	286	464	253	385
17824	68105	LEAD	5	163	279	163	248
17825	68105	LEAD	5	119	143	130	148
17826	68105	LEAD	4	177	277	173	247
17827	68105	LEAD	4	70	98	94	114
17831	68105	LEAD	4	219	348	204	299
17839	68105	LEAD	4	97	120	114	131
17841	68105	LEAD	5	174	277	171	247
17842	68105	LEAD	4	189	224	182	208
17844	68105	LEAD	3	106	115	121	127
17847	68105	LEAD	4	44	62	74	88
17850	68105	LEAD	3	236	383	217	325
17853	68105	LEAD	4	170	298	168	263
17854	68105	LEAD	4	241	332	220	288
17855	68105	LEAD	4	402	631	339	509
17860	68105	LEAD	6	95	144	112	149

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17866	68105	LEAD	4	84	101	104	117
17869	68105	LEAD	5	740	951	589	746
17871	68105	LEAD	4	140	201	146	191
17873	68105	LEAD	4	140	196	146	187
17875	68105	LEAD	4	147	220	150	205
17876	68105	LEAD	4	84	115	104	127
17877	68105	LEAD	4	146	221	150	206
17880	68105	LEAD	4	112	209	125	196
17883	68105	LEAD	4	124	195	134	186
17885	68105	LEAD	4	309	404	270	341
17887	68105	LEAD	4	165	234	164	215
17888	68105	LEAD	4	116	207	128	195
17890	68105	LEAD	4	60	81	86	102
17892	68105	LEAD	4	273	503	244	414
17894	68105	LEAD	4	124	152	134	154
17897	68105	LEAD	4	267	353	239	303
17898	68105	LEAD	5	371	707	317	565
17899	68105	LEAD	5	115	146	127	150
17900	68105	LEAD	4	281	449	250	374
17901	68105	LEAD	4	152	206	155	194
17903	68105	LEAD	4	496	866	409	683
17905	68105	LEAD	4	474	576	392	469
17906	68105	LEAD	4	169	225	167	208
17907	68105	LEAD	4	83	140	103	146
17917	68105	LEAD	4	378	573	322	466
17918	68105	LEAD	3	275	321	245	280
17921	68105	LEAD	4	212	407	199	343
17923	68105	LEAD	4	287	714	255	571
17926	68105	LEAD	4	344	636	297	513
17927	68105	LEAD	4	416	484	350	400
17928	68105	LEAD	4	214	334	200	289
17929	68105	LEAD	4	59	86	86	105
17930	68105	LEAD	5	260	348	234	300
17932	68105	LEAD	4	191	255	183	231
17933	68105	LEAD	4	291	580	258	472
17934	68105	LEAD	4	169	280	167	249
17935	68105	LEAD	4	190	409	183	344
17937	68105	LEAD	4	95	125	112	135
17938	68105	LEAD	4	79	86	100	106
17942	68105	LEAD	4	90	170	108	168
17943	68105	LEAD	4	326	587	283	476
17944	68105	LEAD	4	155	220	157	205
17948	68105	LEAD	4	276	394	246	334
17950	68105	LEAD	4	174	238	171	218
17951	68105	LEAD	5	90	166	108	165

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17954	68105	LEAD	4	119	169	130	167
17955	68105	LEAD	4	231	492	213	406
17957	68105	LEAD	3	776	1168	616	906
17959	68105	LEAD	4	136	146	143	150
17960	68105	LEAD	4	111	150	124	153
17961	68105	LEAD	4	263	311	237	272
17962	68105	LEAD	4	287	632	255	510
17964	68105	LEAD	4	89	151	108	154
17966	68105	LEAD	4	319	352	278	303
17970	68105	LEAD	5	66	81	91	102
17973	68105	LEAD	5	229	323	211	281
17974	68105	LEAD	4	106	183	120	178
17976	68105	LEAD	4	225	370	209	316
17977	68105	LEAD	4	335	666	290	535
17978	68105	LEAD	5	50	76	79	98
17979	68105	LEAD	4	440	611	367	494
17982	68105	LEAD	4	337	530	292	434
17983	68105	LEAD	4	252	360	228	308
17984	68105	LEAD	4	149	319	153	278
17986	68105	LEAD	4	62	76	88	98
17988	68105	LEAD	4	155	276	157	246
17991	68105	LEAD	4	101	142	117	147
17994	68105	LEAD	4	162	304	162	267
17995	68105	LEAD	4	195	244	186	222
17996	68105	LEAD	4	333	461	288	383
17998	68105	LEAD	4	394	940	334	738
17999	68105	LEAD	4	402	525	340	431
18000	68105	LEAD	4	306	807	268	639
18001	68105	LEAD	2	98	116	115	128
18002	68105	LEAD	5	91	177	109	173
18003	68105	LEAD	4	97	156	114	158
18005	68105	LEAD	4	217	340	203	294
18007	68105	LEAD	4	160	247	161	225
18008	68105	LEAD	4	186	240	179	220
18009	68105	LEAD	4	58	79	85	100
18012	68105	LEAD	4	232	266	214	239
18014	68105	LEAD	4	143	188	148	181
18017	68105	LEAD	4	106	171	120	169
18018	68105	LEAD	4	125	221	135	205
18020	68105	LEAD	4	134	158	141	159
18021	68105	LEAD	4	188	312	181	273
18023	68105	LEAD	4	207	327	195	284
18029	68105	LEAD	6	148	233	152	214
18030	68105	LEAD	4	194	330	186	286
18031	68105	LEAD	4	598	1662	484	1272

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18033	68105	LEAD	5	419	848	352	670
18034	68105	LEAD	4	56	84	83	104
18035	68105	LEAD	4	227	474	210	392
18036	68105	LEAD	5	77	105	99	120
18039	68105	LEAD	3	243	296	222	261
18041	68105	LEAD	4	253	504	229	415
18044	68105	LEAD	5	260	320	234	279
18047	68105	LEAD	6	240	417	220	351
18049	68105	LEAD	4	66	116	91	128
18051	68105	LEAD	4	186	357	180	306
18052	68105	LEAD	4	222	336	206	291
18055	68105	LEAD	4	92	110	110	123
18056	68105	LEAD	4	343	586	296	476
18058	68105	LEAD	4	256	478	231	396
18059	68105	LEAD	4	50	86	79	105
18060	68105	LEAD	5	649	1518	522	1166
18062	68105	LEAD	5	112	252	125	229
18064	68105	LEAD	5	178	334	174	289
18068	68105	LEAD	3	168	188	166	181
18078	68105	LEAD	5	84	137	104	143
18083	68105	LEAD	4	138	170	144	167
18085	68105	LEAD	5	131	303	139	266
18086	68105	LEAD	4	70	117	94	128
18088	68105	LEAD	5	185	301	179	265
18092	68105	LEAD	4	123	151	133	154
18094	68105	LEAD	5	209	468	197	388
18099	68105	LEAD	4	195	242	186	221
18101	68105	LEAD	4	347	475	299	394
18104	68105	LEAD	4	193	471	185	391
18105	68105	LEAD	6	224	261	208	235
18110	68105	LEAD	4	298	420	262	353
18114	68105	LEAD	4	138	180	144	175
18118	68105	LEAD	5	195	241	187	220
18120	68105	LEAD	5	89	182	108	177
18121	68105	LEAD	4	156	224	157	208
18122	68105	LEAD	4	72	82	95	103
18128	68105	LEAD	4	315	405	275	342
18133	68105	LEAD	5	66	79	91	100
18134	68105	LEAD	4	65	76	90	98
18137	68105	LEAD	4	490	1007	405	787
18138	68105	LEAD	4	150	279	153	249
18145	68105	LEAD	4	257	444	232	371
18147	68105	LEAD	4	278	435	248	364
18151	68105	LEAD	4	297	440	262	368
18153	68105	LEAD	3	204	247	193	225

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18155	68105	LEAD	4	358	782	307	621
18157	68105	LEAD	4	210	417	198	351
18158	68105	LEAD	3	626	955	505	748
18161	68105	LEAD	5	384	737	326	587
18162	68105	LEAD	4	109	163	122	163
18164	68105	LEAD	4	76	104	98	119
18167	68105	LEAD	4	111	195	124	186
18169	68105	LEAD	4	51	69	80	93
18170	68105	LEAD	4	237	358	217	307
18171	68105	LEAD	4	130	258	138	233
18173	68105	LEAD	4	387	612	328	495
18174	68105	LEAD	5	132	234	139	215
18177	68105	LEAD	3	307	581	269	472
18182	68105	LEAD	4	174	280	171	249
18183	68105	LEAD	5	198	513	189	421
18186	68105	LEAD	5	304	463	267	384
18187	68105	LEAD	4	241	435	221	364
18189	68105	LEAD	4	352	559	302	456
18192	68105	LEAD	4	557	855	454	675
18197	68105	LEAD	5	192	220	184	205
18200	68105	LEAD	4	234	368	215	314
18204	68105	LEAD	5	224	441	208	368
18207	68105	LEAD	4	330	567	286	461
18224	68105	LEAD	4	399	507	337	417
18227	68105	LEAD	4	72	108	95	122
18229	68105	LEAD	4	313	494	274	408
18247	68105	LEAD	4	96	130	113	138
18258	68105	LEAD	5	210	307	198	269
18262	68105	LEAD	4	324	548	282	448
18267	68105	LEAD	4	536	691	439	554
18269	68105	LEAD	4	177	358	173	307
18270	68105	LEAD	4	93	98	111	114
18273	68105	LEAD	4	97	159	114	159
18279	68105	LEAD	4	135	155	142	156
18281	68105	LEAD	4	164	337	163	291
18284	68105	LEAD	4	156	172	158	169
18285	68105	LEAD	4	172	475	169	394
18287	68105	LEAD	5	293	432	259	362
18290	68105	LEAD	4	119	176	130	173
18291	68105	LEAD	4	84	106	104	121
18293	68105	LEAD	2	487	563	402	459
18295	68105	LEAD	3	392	864	332	681
18298	68105	LEAD	2	214	277	200	247
18302	68105	LEAD	4	466	1105	387	860
18303	68105	LEAD	4	109	142	123	147

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18304	68105	LEAD	4	81	96	102	113
18306	68105	LEAD	5	104	130	119	138
18311	68105	LEAD	5	169	255	167	231
18312	68105	LEAD	4	309	358	270	307
18320	68105	LEAD	4	543	931	444	731
18321	68105	LEAD	4	98	114	115	126
18323	68105	LEAD	3	526	863	431	680
18324	68105	LEAD	5	210	314	198	274
18329	68105	LEAD	3	240	316	220	276
18332	68105	LEAD	3	649	964	523	755
18333	68105	LEAD	3	200	276	190	246
18334	68105	LEAD	4	165	206	164	195
18336	68105	LEAD	5	248	366	225	313
18337	68105	LEAD	4	320	378	279	321
18338	68105	LEAD	4	70	85	93	105
18342	68105	LEAD	4	521	926	427	727
18344	68105	LEAD	6	282	671	250	538
18346	68105	LEAD	4	254	495	230	409
18347	68105	LEAD	4	137	252	143	228
18349	68105	LEAD	6	109	144	123	148
18351	68105	LEAD	4	194	264	185	238
18352	68105	LEAD	4	174	301	171	265
18354	68105	LEAD	4	232	313	214	274
18355	68105	LEAD	4	143	247	148	225
18356	68105	LEAD	4	84	136	104	142
18358	68105	LEAD	5	321	460	279	383
18359	68105	LEAD	5	333	788	289	625
18360	68105	LEAD	5	311	531	272	435
18368	68105	LEAD	4	562	847	458	669
18369	68105	LEAD	4	379	591	322	479
18370	68105	LEAD	4	157	294	158	260
18376	68105	LEAD	4	60	79	87	100
18378	68105	LEAD	4	229	363	212	311
18383	68105	LEAD	3	258	496	233	409
18387	68105	LEAD	5	173	267	170	239
18389	68105	LEAD	3	133	214	140	201
18393	68105	LEAD	5	113	195	125	186
18395	68105	LEAD	4	200	257	190	232
18396	68105	LEAD	4	316	607	276	492
18398	68105	LEAD	5	219	324	204	282
18401	68105	LEAD	4	200	283	190	251
18406	68105	LEAD	4	133	157	140	158
18408	68105	LEAD	4	59	70	86	94
18411	68105	LEAD	4	285	368	253	314
18412	68105	LEAD	4	200	252	190	229

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18413	68105	LEAD	4	204	234	193	216
18419	68105	LEAD	5	127	150	136	153
18421	68105	LEAD	4	124	175	134	171
18425	68105	LEAD	4	262	759	236	604
18427	68105	LEAD	4	290	710	257	567
18429	68105	LEAD	3	1128	2025	877	1540
18434	68105	LEAD	4	216	354	202	304
18442	68105	LEAD	4	261	444	235	370
18444	68105	LEAD	3	358	446	307	372
18445	68105	LEAD	5	390	769	331	611
18452	68105	LEAD	4	206	372	194	318
18453	68105	LEAD	5	317	437	276	365
18459	68105	LEAD	4	333	807	289	639
18462	68105	LEAD	5	230	524	212	430
18464	68105	LEAD	4	202	372	192	317
18465	68105	LEAD	5	112	169	125	167
18466	68105	LEAD	4	204	313	193	274
18469	68105	LEAD	4	189	435	182	364
18470	68105	LEAD	5	368	514	315	422
18472	68105	LEAD	5	81	202	102	191
18481	68105	LEAD	4	365	484	312	400
18482	68105	LEAD	5	443	663	370	532
18485	68105	LEAD	3	323	475	281	394
18490	68105	LEAD	4	223	530	207	434
18493	68105	LEAD	4	226	328	209	285
18495	68105	LEAD	4	392	479	332	396
18499	68105	LEAD	4	101	137	117	144
18500	68105	LEAD	5	238	344	218	297
18505	68105	LEAD	3	122	163	132	163
18508	68105	LEAD	4	274	500	245	412
18511	68105	LEAD	3	414	787	348	624
18514	68105	LEAD	4	171	220	168	205
18516	68105	LEAD	5	337	548	292	448
18517	68105	LEAD	4	275	648	245	522
18529	68105	LEAD	4	543	933	444	732
18531	68105	LEAD	4	81	149	102	152
18538	68105	LEAD	3	267	324	239	282
18544	68105	LEAD	5	175	300	172	264
18550	68105	LEAD	4	226	389	210	330
18558	68105	LEAD	4	215	337	201	291
18559	68105	LEAD	5	525	846	431	668
18561	68105	LEAD	4	173	214	170	201
18564	68105	LEAD	4	258	319	233	278
18573	68105	LEAD	5	126	161	135	161
18580	68105	LEAD	4	507	854	417	674

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18581	68105	LEAD	4	291	565	257	460
18583	68105	LEAD	4	239	339	219	293
18586	68105	LEAD	3	484	557	400	454
18590	68105	LEAD	4	258	490	233	405
18591	68105	LEAD	5	317	597	277	484
18592	68105	LEAD	4	234	316	215	276
18593	68105	LEAD	4	292	427	258	358
18596	68105	LEAD	4	310	598	271	484
18598	68105	LEAD	4	413	643	348	518
18600	68105	LEAD	4	268	446	240	372
18601	68105	LEAD	4	356	558	305	455
18602	68105	LEAD	4	261	495	235	408
18604	68105	LEAD	4	122	145	132	149
18606	68105	LEAD	4	780	911	619	716
18607	68105	LEAD	4	123	181	133	176
18610	68105	LEAD	4	140	235	146	216
18612	68105	LEAD	4	385	608	327	492
18613	68105	LEAD	4	328	531	285	435
18615	68105	LEAD	5	154	236	156	217
18616	68105	LEAD	5	73	106	96	120
18618	68105	LEAD	4	291	557	258	454
18620	68105	LEAD	4	129	167	137	166
18621	68105	LEAD	5	268	349	241	300
18623	68105	LEAD	4	174	342	170	295
18624	68105	LEAD	4	211	290	198	257
18628	68105	LEAD	3	94	152	112	154
18640	68105	LEAD	4	487	654	403	526
18641	68105	LEAD	4	270	372	242	317
18643	68105	LEAD	4	483	733	399	584
18645	68105	LEAD	4	417	778	351	618
18646	68105	LEAD	4	215	262	201	236
18654	68105	LEAD	4	229	470	211	390
18655	68105	LEAD	4	132	219	140	204
18657	68105	LEAD	5	199	335	190	290
18659	68105	LEAD	5	114	171	126	169
18661	68105	LEAD	4	91	113	110	126
18663	68105	LEAD	4	379	444	323	370
18667	68105	LEAD	4	171	233	168	215
18669	68105	LEAD	4	91	145	110	149
18671	68105	LEAD	4	205	353	193	303
18673	68105	LEAD	4	218	350	204	301
18676	68105	LEAD	4	354	841	304	664
18684	68105	LEAD	5	78	121	100	131
18685	68105	LEAD	5	162	404	162	341
18686	68105	LEAD	5	117	208	129	196

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18688	68105	LEAD	4	248	361	226	309
18689	68105	LEAD	4	398	559	336	456
18690	68105	LEAD	4	85	171	105	168
18693	68105	LEAD	4	209	432	197	361
18714	68105	LEAD	4	392	597	332	484
18728	68105	LEAD	4	264	468	237	389
18730	68105	LEAD	4	214	543	201	444
18735	68105	LEAD	5	352	604	302	489
18736	68105	LEAD	4	272	336	244	291
18737	68105	LEAD	4	160	254	160	230
18740	68105	LEAD	5	221	321	206	280
18741	68105	LEAD	4	332	375	288	320
18743	68105	LEAD	3	186	227	180	210
18745	68105	LEAD	4	339	442	293	369
18747	68105	LEAD	3	268	325	240	282
18750	68105	LEAD	5	341	664	294	533
18755	68105	LEAD	2	216	251	202	228
18757	68105	LEAD	4	261	285	235	253
18765	68105	LEAD	4	372	489	317	404
18770	68105	LEAD	4	490	1221	404	946
18773	68105	LEAD	4	240	568	219	463
18777	68105	LEAD	4	215	311	201	272
18778	68105	LEAD	4	137	235	144	216
18782	68105	LEAD	5	138	218	144	203
18785	68105	LEAD	4	559	686	456	550
18787	68105	LEAD	4	165	307	164	269
18789	68105	LEAD	4	272	512	244	421
18797	68105	LEAD	3	121	160	132	160
18801	68105	LEAD	4	194	298	186	262
18804	68105	LEAD	4	131	227	139	210
18806	68105	LEAD	5	227	450	210	375
18810	68105	LEAD	4	204	318	193	277
18812	68105	LEAD	4	119	185	130	179
18813	68105	LEAD	4	365	543	312	444
18817	68105	LEAD	4	136	177	143	173
18820	68105	LEAD	4	102	138	117	144
18823	68105	LEAD	4	507	850	417	671
18824	68105	LEAD	4	170	261	168	235
18825	68105	LEAD	4	353	424	303	356
18827	68105	LEAD	3	332	399	288	337
18828	68105	LEAD	4	137	272	144	243
18831	68105	LEAD	4	680	900	546	708
18835	68105	LEAD	4	164	207	164	195
18839	68105	LEAD	4	310	505	271	416
18850	68105	LEAD	4	310	393	271	333

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18853	68105	LEAD	4	160	233	161	215
18856	68105	LEAD	4	299	601	263	487
18857	68105	LEAD	2	145	166	149	164
18861	68105	LEAD	4	151	271	154	243
18863	68105	LEAD	4	116	153	128	155
18866	68105	LEAD	4	135	181	142	176
18868	68105	LEAD	4	260	450	235	375
18869	68105	LEAD	4	402	554	340	452
18871	68105	LEAD	3	396	562	335	458
18874	68105	LEAD	4	125	160	134	160
18877	68105	LEAD	5	154	261	156	235
18881	68105	LEAD	4	125	152	134	154
18882	68105	LEAD	5	337	792	291	628
18883	68105	LEAD	4	294	389	259	330
18884	68105	LEAD	4	264	537	237	439
18888	68105	LEAD	4	154	170	156	168
18891	68105	LEAD	3	249	591	226	480
18894	68105	LEAD	3	348	603	299	488
18897	68105	LEAD	3	273	400	244	338
18898	68105	LEAD	5	139	224	145	208
18900	68105	LEAD	3	185	285	179	253
18901	68105	LEAD	5	172	221	169	205
18904	68105	LEAD	5	191	294	184	259
18905	68105	LEAD	5	117	169	129	167
18906	68105	LEAD	4	137	193	144	185
18908	68105	LEAD	4	239	359	219	308
18909	68105	LEAD	4	390	793	331	629
18910	68105	LEAD	4	132	164	140	163
18912	68105	LEAD	4	271	624	242	504
18913	68105	LEAD	5	260	579	235	470
18915	68105	LEAD	4	156	213	158	200
18916	68105	LEAD	4	138	218	144	204
18917	68105	LEAD	4	167	199	165	189
18918	68105	LEAD	4	124	214	134	200
18919	68105	LEAD	4	386	788	328	625
18920	68105	LEAD	3	181	357	176	306
18921	68105	LEAD	4	137	163	144	163
18925	68105	LEAD	4	111	202	124	192
18927	68105	LEAD	4	250	560	227	456
18928	68105	LEAD	4	275	498	246	410
18929	68105	LEAD	5	165	320	164	279
18930	68105	LEAD	4	208	281	196	250
18931	68105	LEAD	3	167	238	165	218
18934	68105	LEAD	4	331	594	287	482
18935	68105	LEAD	4	269	353	241	303

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18948	68105	LEAD	4	65	82	90	103
18949	68105	LEAD	4	228	306	211	268
18954	68105	LEAD	4	484	719	400	574
18963	68105	LEAD	4	335	608	290	492
18964	68105	LEAD	5	428	761	359	605
18966	68105	LEAD	4	52	62	80	88
18969	68105	LEAD	4	224	295	208	260
18980	68105	LEAD	4	543	741	444	590
18983	68105	LEAD	4	121	192	132	184
18993	68105	LEAD	5	234	319	215	278
18996	68105	LEAD	4	125	179	134	174
18997	68105	LEAD	4	194	294	186	259
18999	68105	LEAD	4	457	950	380	745
19000	68105	LEAD	5	150	317	153	277
19001	68105	LEAD	4	187	290	180	257
19004	68105	LEAD	4	141	187	146	180
19009	68105	LEAD	5	105	170	120	168
19014	68105	LEAD	4	69	81	93	102
19015	68105	LEAD	4	349	601	300	487
19016	68105	LEAD	4	230	292	212	258
19020	68105	LEAD	4	179	253	175	229
19024	68105	LEAD	4	206	312	194	273
19025	68105	LEAD	4	191	246	183	224
19028	68105	LEAD	5	321	484	280	400
19031	68105	LEAD	4	215	321	201	279
19034	68105	LEAD	3	95	122	113	133
19035	68105	LEAD	4	257	363	233	311
19036	68105	LEAD	5	160	427	160	358
19037	68105	LEAD	3	660	1561	530	1197
19039	68105	LEAD	4	204	343	193	296
19042	68105	LEAD	5	171	234	168	215
19046	68105	LEAD	5	148	307	152	269
19047	68105	LEAD	4	141	203	146	192
19049	68105	LEAD	4	443	684	370	548
19052	68105	LEAD	4	120	174	131	171
19053	68105	LEAD	5	376	669	320	537
19055	68105	LEAD	4	83	138	103	144
19057	68105	LEAD	4	226	356	209	306
19060	68105	LEAD	4	338	558	292	455
19062	68105	LEAD	4	205	341	194	294
19068	68105	LEAD	4	259	342	234	295
19075	68105	LEAD	3	152	301	155	265
19080	68105	LEAD	6	272	680	243	545
19081	68105	LEAD	5	205	471	194	390
19083	68105	LEAD	4	170	309	168	271

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19101	68105	LEAD	4	87	134	106	141
19102	68105	LEAD	4	396	604	335	489
19106	68105	LEAD	4	142	326	147	283
19107	68105	LEAD	6	435	781	364	620
19108	68105	LEAD	4	166	282	165	251
19109	68105	LEAD	4	132	183	139	177
19110	68105	LEAD	4	148	271	152	243
19112	68105	LEAD	2	141	156	146	157
19113	68105	LEAD	5	85	114	105	126
19114	68105	LEAD	4	443	807	370	639
19118	68105	LEAD	4	148	420	151	353
19124	68105	LEAD	3	133	167	140	165
19127	68105	LEAD	5	141	173	146	170
19128	68105	LEAD	4	118	157	129	158
19129	68105	LEAD	5	110	171	124	169
19131	68105	LEAD	4	124	194	134	186
19134	68105	LEAD	4	313	661	274	531
19137	68105	LEAD	3	157	175	158	171
19142	68105	LEAD	6	360	927	308	728
19143	68105	LEAD	5	91	127	109	136
19145	68105	LEAD	5	281	350	250	301
19146	68105	LEAD	2	158	183	159	178
19147	68105	LEAD	4	180	229	175	212
19148	68105	LEAD	4	291	325	257	282
19149	68105	LEAD	4	381	622	324	502
19152	68105	LEAD	5	240	391	219	332
19160	68105	LEAD	4	1024	1466	800	1127
19163	68105	LEAD	4	215	364	201	311
19165	68105	LEAD	4	478	598	396	485
19168	68105	LEAD	4	119	173	130	170
19169	68105	LEAD	2	149	208	152	196
19172	68105	LEAD	3	251	332	227	288
19174	68105	LEAD	5	263	362	237	310
19176	68105	LEAD	3	254	327	230	284
19177	68105	LEAD	3	394	456	333	380
19178	68105	LEAD	5	318	377	278	321
19180	68105	LEAD	4	216	255	202	230
19181	68105	LEAD	5	244	368	223	314
19184	68105	LEAD	4	193	249	185	226
19186	68105	LEAD	5	239	317	219	277
19189	68105	LEAD	4	158	219	159	204
19202	68105	LEAD	4	385	537	327	439
19204	68105	LEAD	3	191	251	183	228
19217	68105	LEAD	4	401	751	339	597
19219	68105	LEAD	3	118	137	129	143

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19220	68105	LEAD	4	314	412	274	347
19222	68105	LEAD	4	151	183	154	178
19225	68105	LEAD	4	150	228	153	211
19226	68105	LEAD	4	250	314	227	274
19227	68105	LEAD	4	394	892	334	702
19228	68105	LEAD	4	182	267	177	240
19229	68105	LEAD	4	356	513	306	422
19233	68105	LEAD	5	137	204	143	193
19234	68105	LEAD	4	136	187	142	181
19237	68105	LEAD	4	178	248	174	226
19240	68105	LEAD	4	255	357	231	306
19246	68105	LEAD	4	114	155	126	157
19248	68105	LEAD	3	254	421	230	353
19250	68105	LEAD	5	147	192	151	184
19259	68105	LEAD	4	129	221	138	206
19261	68105	LEAD	4	139	156	145	157
19266	68105	LEAD	4	93	126	111	135
19267	68105	LEAD	3	230	279	212	248
19271	68105	LEAD	4	178	363	173	311
19275	68105	LEAD	4	395	479	334	396
19284	68105	LEAD	4	333	374	288	319
19288	68105	LEAD	4	305	579	268	471
19291	68105	LEAD	4	269	341	241	294
19295	68105	LEAD	4	253	448	229	374
19296	68105	LEAD	5	233	308	214	270
19297	68105	LEAD	4	696	954	557	748
19298	68105	LEAD	4	192	370	184	315
19300	68105	LEAD	4	346	480	298	397
19305	68105	LEAD	4	268	463	240	384
19307	68105	LEAD	3	385	557	327	454
19309	68105	LEAD	5	344	480	296	397
19310	68105	LEAD	4	399	680	337	545
19311	68105	LEAD	4	217	270	203	242
19316	68105	LEAD	4	374	590	319	479
19317	68105	LEAD	5	268	639	240	515
19320	68105	LEAD	4	276	345	247	297
19321	68105	LEAD	4	334	431	289	361
19322	68105	LEAD	4	228	272	211	244
19323	68105	LEAD	4	96	131	113	139
19324	68105	LEAD	4	124	142	134	147
19325	68105	LEAD	4	733	1856	584	1415
19326	68105	LEAD	4	337	561	292	457
19327	68105	LEAD	4	241	344	221	297
19328	68105	LEAD	4	149	164	152	163
19332	68105	LEAD	3	154	198	156	188

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19333	68105	LEAD	5	114	129	126	137
19334	68105	LEAD	4	822	2257	651	1712
19336	68105	LEAD	5	237	344	217	296
19337	68105	LEAD	4	360	485	309	401
19338	68105	LEAD	4	90	133	109	140
19339	68105	LEAD	4	152	192	155	184
19340	68105	LEAD	4	277	398	247	337
19342	68105	LEAD	4	311	642	272	517
19344	68105	LEAD	5	265	308	238	270
19345	68105	LEAD	4	287	569	254	463
19346	68105	LEAD	5	513	652	422	524
19348	68105	LEAD	4	354	559	304	456
19352	68105	LEAD	4	415	664	349	534
19353	68105	LEAD	5	180	283	175	252
19356	68105	LEAD	5	439	1238	367	958
19359	68105	LEAD	4	101	121	116	131
19364	68105	LEAD	4	91	117	110	129
19365	68105	LEAD	5	238	408	218	344
19366	68105	LEAD	4	151	312	154	273
19368	68105	LEAD	4	91	135	109	142
19370	68105	LEAD	3	111	151	124	154
19372	68105	LEAD	4	203	224	192	208
19377	68105	LEAD	4	220	259	205	234
19378	68105	LEAD	5	244	378	223	322
19380	68105	LEAD	4	354	584	304	474
19384	68105	LEAD	5	98	169	115	167
19393	68105	LEAD	4	294	402	259	339
19403	68105	LEAD	3	59	78	86	100
19405	68105	LEAD	4	438	607	366	491
19412	68105	LEAD	5	328	613	285	496
19413	68105	LEAD	5	257	468	232	388
19418	68105	LEAD	5	301	314	264	274
19420	68105	LEAD	2	263	318	236	278
19421	68105	LEAD	5	411	637	346	513
19422	68105	LEAD	4	291	514	258	422
19423	68105	LEAD	3	390	614	331	496
19424	68105	LEAD	4	624	903	504	710
19425	68105	LEAD	4	175	204	172	193
19427	68105	LEAD	4	198	252	188	229
19428	68105	LEAD	5	164	286	164	254
19431	68105	LEAD	4	146	156	150	157
19433	68105	LEAD	4	183	226	177	209
19434	68105	LEAD	3	194	263	186	237
19435	68105	LEAD	2	117	132	129	139
19436	68105	LEAD	6	129	186	137	180

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19438	68105	LEAD	4	249	346	226	298
19439	68105	LEAD	3	142	174	147	171
19441	68105	LEAD	3	165	207	164	195
19442	68105	LEAD	3	239	280	219	249
19445	68105	LEAD	4	200	310	190	272
19446	68105	LEAD	4	398	618	336	499
19447	68105	LEAD	4	231	330	213	286
19448	68105	LEAD	4	162	195	162	186
19451	68105	LEAD	2	573	766	466	609
19452	68105	LEAD	4	260	454	235	378
19453	68105	LEAD	4	130	195	139	186
19454	68105	LEAD	4	231	375	213	319
19457	68105	LEAD	3	103	135	118	142
19458	68105	LEAD	4	474	678	393	544
19461	68105	LEAD	5	267	323	239	281
19463	68105	LEAD	4	459	880	382	693
19469	68105	LEAD	4	206	438	194	366
19471	68105	LEAD	4	285	428	253	359
19476	68105	LEAD	4	147	188	151	181
19481	68105	LEAD	4	186	227	180	210
19482	68105	LEAD	4	178	307	174	269
19483	68105	LEAD	4	554	749	452	597
19484	68105	LEAD	3	88	149	107	152
19485	68105	LEAD	3	335	651	290	524
19486	68105	LEAD	4	180	232	176	214
19488	68105	LEAD	4	170	262	168	236
19489	68105	LEAD	5	399	613	338	496
19491	68105	LEAD	5	118	272	130	244
19492	68105	LEAD	4	150	317	153	277
19495	68105	LEAD	4	220	403	204	340
19496	68105	LEAD	4	139	229	145	211
19497	68105	LEAD	5	390	581	330	472
19499	68105	LEAD	2	97	108	114	122
19500	68105	LEAD	4	252	714	228	570
19501	68105	LEAD	4	166	235	165	216
19502	68105	LEAD	4	188	225	181	209
19504	68105	LEAD	4	307	486	269	401
19505	68105	LEAD	3	181	208	176	196
19507	68105	LEAD	4	313	425	273	357
19508	68105	LEAD	4	211	335	198	290
19510	68105	LEAD	4	546	817	446	646
19511	68105	LEAD	4	284	481	252	398
19517	68105	LEAD	4	558	963	455	754
19518	68105	LEAD	4	452	519	377	426
19524	68105	LEAD	4	406	585	343	475

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19527	68105	LEAD	4	229	414	212	349
19528	68105	LEAD	4	124	215	134	201
19529	68105	LEAD	4	295	467	260	388
19530	68105	LEAD	4	249	398	226	337
19532	68105	LEAD	3	337	433	291	362
19534	68105	LEAD	4	519	910	426	715
19538	68105	LEAD	4	490	768	404	610
19540	68105	LEAD	4	141	196	146	187
19551	68105	LEAD	3	230	287	212	254
19552	68105	LEAD	3	114	136	126	143
19555	68105	LEAD	5	147	210	151	197
19556	68105	LEAD	4	151	218	154	203
19559	68105	LEAD	5	424	779	356	618
19561	68105	LEAD	4	232	322	213	280
19567	68105	LEAD	4	323	535	281	438
19569	68105	LEAD	4	253	441	229	369
19572	68105	LEAD	4	279	676	248	542
19577	68105	LEAD	5	392	865	332	682
19578	68105	LEAD	4	148	281	152	250
19580	68105	LEAD	5	317	662	276	532
19583	68105	LEAD	4	102	167	117	165
19585	68105	LEAD	2	126	133	136	141
19587	68105	LEAD	4	155	188	157	181
19588	68105	LEAD	4	100	126	116	135
19589	68105	LEAD	4	139	267	145	240
19591	68105	LEAD	4	597	1126	484	875
19592	68105	LEAD	3	298	495	262	408
19593	68105	LEAD	4	374	503	319	414
19594	68105	LEAD	5	161	331	161	287
19599	68105	LEAD	4	101	202	117	191
19601	68105	LEAD	4	283	365	251	312
19602	68105	LEAD	4	227	451	210	376
19604	68105	LEAD	5	368	526	314	431
19605	68105	LEAD	4	315	474	275	393
19606	68105	LEAD	3	208	275	196	246
19607	68105	LEAD	4	307	346	269	298
19608	68105	LEAD	4	258	401	233	339
19609	68105	LEAD	4	481	749	398	596
19611	68105	LEAD	5	337	664	291	534
19612	68105	LEAD	4	185	379	179	322
19613	68105	LEAD	4	325	641	283	516
19614	68105	LEAD	3	814	952	645	747
19615	68105	LEAD	6	260	449	235	375
19616	68105	LEAD	4	270	448	241	374
19619	68105	LEAD	4	153	395	155	334

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19620	68105	LEAD	3	572	1134	465	881
19625	68105	LEAD	4	111	227	124	210
19626	68105	LEAD	4	461	701	383	561
19629	68105	LEAD	4	134	160	141	160
19635	68105	LEAD	4	368	721	314	575
19636	68105	LEAD	4	300	417	264	351
19641	68105	LEAD	4	294	351	260	302
19648	68105	LEAD	4	176	200	172	190
19655	68105	LEAD	4	418	434	351	363
19657	68105	LEAD	5	384	570	326	464
19658	68105	LEAD	3	370	489	316	404
19659	68105	LEAD	4	323	489	281	404
19664	68105	LEAD	5	427	722	358	576
19666	68105	LEAD	2	421	660	354	531
19669	68105	LEAD	3	324	449	281	375
19670	68105	LEAD	4	216	312	202	273
19671	68105	LEAD	4	327	424	284	356
19676	68105	LEAD	4	411	682	346	547
19677	68105	LEAD	4	294	538	259	440
19678	68105	LEAD	4	239	415	219	349
19682	68105	LEAD	4	470	660	390	530
19686	68105	LEAD	5	274	377	245	321
19688	68105	LEAD	5	300	332	264	288
19690	68105	LEAD	4	114	130	127	138
19691	68105	LEAD	4	187	207	180	195
19692	68105	LEAD	3	277	302	247	266
19693	68105	LEAD	4	463	889	385	700
19696	68105	LEAD	4	175	206	171	194
19697	68105	LEAD	4	126	286	135	254
19700	68105	LEAD	5	149	193	153	185
19702	68105	LEAD	4	551	929	450	729
19705	68105	LEAD	4	537	793	440	629
19708	68105	LEAD	3	385	648	327	521
19710	68105	LEAD	4	246	437	224	365
19711	68105	LEAD	4	218	331	203	287
19716	68105	LEAD	3	278	340	248	294
19717	68105	LEAD	4	214	470	201	390
19718	68105	LEAD	4	220	390	205	331
19720	68105	LEAD	4	469	706	389	565
19721	68105	LEAD	3	159	205	160	194
19722	68105	LEAD	4	266	356	239	306
19725	68105	LEAD	3	98	116	115	127
19726	68105	LEAD	4	274	348	244	300
19728	68105	LEAD	5	83	106	103	121
19729	68105	LEAD	4	308	399	270	338

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19730	68105	LEAD	3	345	596	298	483
19733	68105	LEAD	4	341	491	294	405
19735	68105	LEAD	4	162	232	162	213
19737	68105	LEAD	4	368	512	314	421
19738	68105	LEAD	4	383	575	325	467
19739	68105	LEAD	5	351	525	302	430
19740	68105	LEAD	3	261	493	235	407
19741	68105	LEAD	4	221	450	205	375
19742	68105	LEAD	4	265	571	238	465
19743	68105	LEAD	3	176	208	172	196
19745	68105	LEAD	4	314	417	274	351
19746	68105	LEAD	4	343	447	296	373
19747	68105	LEAD	4	259	402	234	340
19749	68105	LEAD	4	292	344	258	297
19751	68105	LEAD	4	178	232	174	214
19753	68105	LEAD	4	116	138	128	144
19755	68105	LEAD	4	263	349	237	300
19759	68105	LEAD	4	260	291	234	257
19762	68105	LEAD	3	567	802	461	636
19764	68105	LEAD	4	270	351	242	302
19768	68105	LEAD	4	315	883	275	695
19773	68105	LEAD	4	679	862	544	680
19775	68105	LEAD	5	246	567	224	461
19776	68105	LEAD	3	773	853	614	673
19779	68105	LEAD	4	676	926	542	727
19784	68105	LEAD	5	261	305	235	268
19786	68105	LEAD	4	440	723	368	577
19787	68105	LEAD	5	1146	2037	890	1549
19790	68105	LEAD	4	360	518	309	425
19791	68105	LEAD	4	388	481	329	398
19795	68105	LEAD	5	380	849	323	671
19796	68105	LEAD	4	480	685	398	549
19797	68105	LEAD	5	156	271	157	243
19800	68105	LEAD	3	257	360	232	308
19801	68105	LEAD	4	343	499	296	411
19802	68105	LEAD	4	246	467	224	388
19804	68105	LEAD	4	361	948	309	744
19806	68105	LEAD	4	350	581	301	472
19807	68105	LEAD	5	160	301	160	265
19812	68105	LEAD	4	327	747	284	595
19814	68105	LEAD	5	242	495	221	408
19818	68105	LEAD	4	338	371	292	317
19819	68105	LEAD	5	281	399	250	338
19821	68105	LEAD	4	217	315	202	275
19822	68105	LEAD	4	312	382	273	325

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19823	68105	LEAD	4	167	239	166	219
19827	68105	LEAD	5	220	297	205	262
19829	68105	LEAD	5	189	319	182	278
19831	68105	LEAD	5	139	269	145	241
19832	68105	LEAD	5	294	373	260	318
19833	68105	LEAD	5	268	328	240	285
19837	68105	LEAD	4	171	350	169	301
19839	68105	LEAD	4	275	549	245	448
19841	68105	LEAD	4	100	108	116	122
19842	68105	LEAD	3	281	345	250	297
19844	68105	LEAD	4	177	245	173	223
19846	68105	LEAD	4	227	580	210	471
19848	68105	LEAD	4	347	806	299	639
19849	68105	LEAD	4	273	359	244	308
19854	68105	LEAD	2	132	165	140	164
19855	68105	LEAD	4	187	230	181	212
19857	68105	LEAD	3	233	308	214	270
19858	68105	LEAD	4	497	690	410	553
19859	68105	LEAD	3	554	1134	452	881
19860	68105	LEAD	4	431	757	361	602
19861	68105	LEAD	4	248	362	225	310
19863	68105	LEAD	4	119	288	130	255
19864	68105	LEAD	4	273	525	244	430
19866	68105	LEAD	5	306	709	268	567
19869	68105	LEAD	4	306	492	268	406
19871	68105	LEAD	5	236	329	217	286
19873	68105	LEAD	3	205	299	194	263
19878	68105	LEAD	4	124	176	134	172
19881	68105	LEAD	2	233	282	215	251
19887	68105	LEAD	5	333	670	289	538
19888	68105	LEAD	4	104	117	119	128
19889	68105	LEAD	4	316	450	276	375
19890	68105	LEAD	4	332	690	288	553
19893	68105	LEAD	3	784	921	622	724
19895	68105	LEAD	4	198	282	188	251
19899	68105	LEAD	4	239	401	219	338
19900	68105	LEAD	5	257	366	232	313
19901	68105	LEAD	3	263	421	237	354
19913	68105	LEAD	4	209	267	197	240
19914	68105	LEAD	4	321	459	279	382
19915	68105	LEAD	5	307	937	269	735
19918	68105	LEAD	5	175	229	171	211
19919	68105	LEAD	4	157	299	158	263
19923	68105	LEAD	4	495	791	409	628
19929	68105	LEAD	5	188	262	181	236

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19932	68105	LEAD	4	377	861	321	679
19934	68105	LEAD	4	360	394	309	333
19935	68105	LEAD	3	98	129	115	137
19938	68105	LEAD	4	173	229	170	211
19945	68105	LEAD	4	579	888	470	699
19947	68105	LEAD	4	239	414	219	348
19954	68105	LEAD	4	161	237	161	218
19955	68105	LEAD	5	276	580	246	471
19957	68105	LEAD	4	215	290	201	257
19960	68105	LEAD	3	83	93	104	111
19961	68105	LEAD	3	225	416	209	350
19965	68105	LEAD	5	536	888	438	699
19966	68105	LEAD	4	361	608	309	492
19967	68105	LEAD	4	189	294	182	259
19968	68105	LEAD	4	388	558	329	455
19972	68105	LEAD	4	511	862	420	680
19974	68105	LEAD	4	87	88	106	107
19975	68105	LEAD	4	252	405	228	342
19976	68105	LEAD	4	189	279	182	248
19978	68105	LEAD	5	263	452	237	376
19981	68105	LEAD	4	472	876	391	690
19983	68105	LEAD	3	260	327	234	284
19984	68105	LEAD	3	90	134	109	141
19986	68105	LEAD	5	438	1038	366	810
19987	68105	LEAD	2	158	190	159	183
19989	68105	LEAD	3	313	449	273	374
19992	68105	LEAD	4	235	329	216	285
19993	68105	LEAD	3	455	595	379	482
19995	68105	LEAD	5	216	325	202	282
19997	68105	LEAD	4	415	568	349	462
19999	68105	LEAD	5	423	745	355	594
20000	68105	LEAD	4	526	1232	431	953
20002	68105	LEAD	2	69	86	93	105
20005	68105	LEAD	4	100	139	116	145
20007	68105	LEAD	4	399	527	337	432
20009	68105	LEAD	3	228	310	211	272
20012	68105	LEAD	3	527	662	432	532
20015	68105	LEAD	3	358	496	307	409
20016	68105	LEAD	4	380	425	323	356
20017	68105	LEAD	4	546	1127	446	876
20018	68105	LEAD	5	538	855	440	675
20019	68105	LEAD	5	531	772	435	613
20020	68105	LEAD	4	258	678	233	544
20022	68105	LEAD	4	417	536	351	438
20023	68105	LEAD	2	186	342	180	295

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20027	68105	LEAD	4	573	809	466	640
20030	68105	LEAD	4	225	387	208	328
20031	68105	LEAD	4	256	426	231	357
20032	68105	LEAD	5	94	197	112	188
20033	68105	LEAD	4	333	472	289	391
20034	68105	LEAD	4	472	559	391	455
20035	68105	LEAD	5	371	672	317	539
20038	68105	LEAD	4	205	612	194	495
20041	68105	LEAD	4	410	738	346	588
20049	68105	LEAD	5	495	754	409	600
20050	68105	LEAD	4	114	152	127	154
20052	68105	LEAD	4	163	278	162	248
20054	68105	LEAD	4	415	614	349	497
20062	68105	LEAD	2	292	295	258	260
20065	68105	LEAD	4	352	706	303	564
20066	68105	LEAD	4	383	739	325	589
20067	68105	LEAD	4	221	370	206	316
20069	68105	LEAD	4	307	411	269	346
20070	68105	LEAD	4	439	663	367	533
20071	68105	LEAD	4	196	287	187	254
20072	68105	LEAD	4	430	628	360	506
20073	68105	LEAD	4	166	261	165	235
20075	68105	LEAD	2	57	64	84	89
20076	68105	LEAD	3	82	88	102	107
20077	68105	LEAD	4	370	476	316	394
20080	68105	LEAD	4	134	157	141	158
20085	68105	LEAD	5	176	242	173	221
20088	68105	LEAD	3	128	216	137	202
20089	68105	LEAD	4	291	407	258	343
20092	68105	LEAD	4	296	399	261	338
20094	68105	LEAD	4	327	490	284	405
20095	68105	LEAD	4	1336	3156	1031	2377
20097	68105	LEAD	4	145	218	150	203
20098	68105	LEAD	4	386	588	328	477
20099	68105	LEAD	4	149	180	152	175
20101	68105	LEAD	4	535	756	438	601
20102	68105	LEAD	3	126	164	135	164
20105	68105	LEAD	6	135	189	142	182
20108	68105	LEAD	3	121	190	132	183
20110	68105	LEAD	4	485	655	401	527
20112	68105	LEAD	4	440	551	368	450
20113	68105	LEAD	4	87	112	106	125
20116	68105	LEAD	3	771	950	613	745
20119	68105	LEAD	4	189	233	182	214
20120	68105	LEAD	5	439	626	367	506

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20121	68105	LEAD	5	264	376	237	320
20125	68105	LEAD	4	186	235	180	216
20126	68105	LEAD	5	327	594	284	481
20128	68105	LEAD	4	418	766	351	609
20131	68105	LEAD	4	142	252	147	228
20134	68105	LEAD	4	170	208	168	196
20135	68105	LEAD	4	454	636	378	512
20138	68105	LEAD	4	544	841	445	664
20140	68105	LEAD	5	287	651	254	524
20141	68105	LEAD	5	280	445	249	371
20143	68105	LEAD	3	675	925	542	726
20147	68105	LEAD	5	285	701	253	561
20150	68105	LEAD	4	207	278	195	248
20152	68105	LEAD	3	581	702	472	561
20153	68105	LEAD	3	280	297	249	262
20155	68105	LEAD	4	350	612	301	495
20156	68105	LEAD	4	226	258	209	233
20159	68105	LEAD	5	270	346	242	298
20166	68105	LEAD	4	289	317	256	277
20170	68105	LEAD	4	380	516	323	424
20173	68105	LEAD	4	146	190	150	182
20175	68105	LEAD	4	444	929	370	729
20177	68105	LEAD	4	479	533	397	437
20178	68105	LEAD	3	308	355	270	305
20179	68105	LEAD	3	543	720	444	575
20184	68105	LEAD	3	372	594	317	482
20185	68105	LEAD	4	644	898	518	706
20190	68105	LEAD	4	172	238	169	218
20197	68105	LEAD	2	661	812	531	643
20199	68105	LEAD	4	436	818	365	647
20207	68105	LEAD	4	403	488	340	403
20209	68105	LEAD	4	228	448	211	374
20213	68105	LEAD	5	583	1063	474	829
20215	68105	LEAD	4	535	944	438	741
20218	68105	LEAD	5	250	374	227	319
20223	68105	LEAD	4	457	620	380	501
20224	68105	LEAD	4	211	319	198	278
20226	68105	LEAD	4	300	447	264	372
20227	68105	LEAD	4	158	355	159	304
20228	68105	LEAD	5	592	868	480	684
20232	68105	LEAD	3	138	166	144	165
20233	68105	LEAD	4	608	1107	492	861
20236	68105	LEAD	4	214	291	200	258
20238	68105	LEAD	5	659	952	529	747
20245	68105	LEAD	4	461	816	383	646

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20246	68105	LEAD	5	327	616	284	498
20247	68105	LEAD	4	558	908	455	714
20248	68105	LEAD	4	408	626	344	505
20249	68105	LEAD	4	379	476	323	394
20250	68105	LEAD	3	179	355	174	305
20251	68105	LEAD	5	137	242	144	221
20257	68105	LEAD	5	225	402	208	339
20259	68105	LEAD	4	345	402	298	339
20263	68105	LEAD	4	347	614	299	497
20265	68105	LEAD	4	284	502	252	413
20268	68105	LEAD	6	195	320	186	279
20270	68105	LEAD	3	103	124	118	134
20271	68105	LEAD	4	337	483	292	399
20273	68105	LEAD	5	171	276	168	246
20278	68105	LEAD	4	149	251	153	228
20288	68105	LEAD	3	709	767	566	609
20290	68105	LEAD	5	95	158	112	159
20291	68105	LEAD	5	350	577	301	469
20293	68105	LEAD	4	61	99	87	116
20295	68105	LEAD	4	220	242	205	221
20296	68105	LEAD	4	175	203	172	192
20299	68105	LEAD	4	505	895	415	704
20300	68105	LEAD	4	195	263	186	236
20301	68105	LEAD	4	169	246	167	224
20305	68105	LEAD	4	1825	5395	1393	4034
20306	68105	LEAD	4	450	700	375	560
20307	68105	LEAD	4	186	264	180	237
20310	68105	LEAD	4	253	316	230	276
20312	68105	LEAD	4	480	673	397	540
20313	68105	LEAD	4	97	128	114	137
20315	68105	LEAD	3	568	864	462	682
20321	68105	LEAD	6	223	357	207	306
20322	68105	LEAD	4	244	369	223	315
20323	68105	LEAD	4	254	334	230	289
20325	68105	LEAD	5	477	627	395	506
20326	68105	LEAD	4	126	151	135	154
20328	68105	LEAD	4	332	618	288	499
20329	68105	LEAD	4	197	383	188	325
20330	68105	LEAD	4	99	169	115	167
20331	68105	LEAD	4	140	185	146	179
20334	68105	LEAD	4	340	437	294	365
20338	68105	LEAD	4	216	268	202	240
20339	68105	LEAD	4	111	129	124	137
20340	68105	LEAD	4	108	128	122	137
20342	68105	LEAD	4	354	518	304	425

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20343	68105	LEAD	3	427	733	358	585
20351	68105	LEAD	5	350	516	301	424
20362	68105	LEAD	4	455	529	378	434
20364	68105	LEAD	4	338	562	292	458
20379	68105	LEAD	4	143	157	148	158
20384	68105	LEAD	5	361	471	309	390
20385	68105	LEAD	4	199	280	189	249
20391	68105	LEAD	4	171	385	168	327
20392	68105	LEAD	4	282	323	251	281
20394	68105	LEAD	4	302	434	266	363
20397	68105	LEAD	4	374	575	319	468
20398	68105	LEAD	3	485	742	401	591
20403	68105	LEAD	3	264	367	237	313
20409	68105	LEAD	5	525	770	431	612
20411	68105	LEAD	3	286	357	254	306
20414	68105	LEAD	4	293	717	259	572
20415	68105	LEAD	4	226	404	209	341
20420	68105	LEAD	3	333	702	288	562
20422	68105	LEAD	5	222	421	206	354
20423	68105	LEAD	3	229	313	212	273
20426	68105	LEAD	3	332	375	288	320
20428	68105	LEAD	4	117	161	129	161
20434	68105	LEAD	4	311	468	272	388
20440	68105	LEAD	4	150	227	153	210
20441	68105	LEAD	5	29	47	63	77
20442	68105	LEAD	4	589	961	478	753
20447	68105	LEAD	3	197	284	188	252
20448	68105	LEAD	4	185	236	179	216
20452	68105	LEAD	4	138	184	144	178
20453	68105	LEAD	4	250	280	227	249
20454	68105	LEAD	4	152	235	155	216
20455	68105	LEAD	5	381	879	324	692
20458	68105	LEAD	4	198	265	189	238
20460	68105	LEAD	2	1695	1851	1296	1412
20461	68105	LEAD	3	608	1159	492	900
20462	68105	LEAD	4	175	311	171	272
20470	68105	LEAD	5	162	429	162	360
20471	68105	LEAD	5	186	551	180	450
20472	68105	LEAD	5	530	961	434	753
20473	68105	LEAD	5	341	511	294	420
20474	68105	LEAD	4	174	180	171	175
20477	68105	LEAD	5	364	894	311	704
20479	68105	LEAD	4	148	173	151	170
20480	68105	LEAD	3	178	213	174	200
20481	68105	LEAD	4	462	923	384	725

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20483	68105	LEAD	3	77	95	99	112
20488	68105	LEAD	5	217	610	202	494
20494	68105	LEAD	4	338	564	292	459
20495	68105	LEAD	4	612	789	495	626
20503	68105	LEAD	4	377	435	321	364
20506	68105	LEAD	4	266	494	239	408
20507	68105	LEAD	4	317	535	276	438
20508	68105	LEAD	5	291	515	258	423
20509	68105	LEAD	4	506	772	416	613
20510	68105	LEAD	3	426	689	357	552
20512	68105	LEAD	4	881	1251	694	967
20513	68105	LEAD	4	468	729	388	582
20519	68105	LEAD	4	426	711	357	568
20520	68105	LEAD	5	547	905	447	712
20526	68105	LEAD	4	599	948	485	743
20527	68105	LEAD	3	192	202	184	191
20531	68105	LEAD	2	358	380	307	323
20533	68105	LEAD	3	507	897	417	706
20535	68105	LEAD	2	283	310	251	271
20537	68105	LEAD	4	238	311	218	272
20539	68105	LEAD	2	631	921	509	723
20540	68105	LEAD	4	330	550	286	449
20544	68105	LEAD	4	138	175	144	171
20545	68105	LEAD	3	438	963	366	755
20547	68105	LEAD	4	249	424	226	356
20549	68105	LEAD	4	509	716	418	572
20550	68105	LEAD	4	510	737	419	587
20553	68105	LEAD	4	465	625	386	504
20557	68105	LEAD	4	628	969	506	759
20559	68105	LEAD	4	514	743	422	592
20560	68105	LEAD	5	357	714	306	571
20562	68105	LEAD	4	222	391	206	331
20563	68105	LEAD	3	299	333	263	288
20565	68105	LEAD	5	398	789	336	626
20566	68105	LEAD	4	277	351	247	301
20568	68105	LEAD	4	287	374	255	319
20572	68105	LEAD	5	234	318	215	277
20578	68105	LEAD	3	158	179	159	174
20584	68105	LEAD	4	206	362	194	310
20587	68105	LEAD	4	206	269	195	241
20590	68105	LEAD	4	243	301	222	265
20591	68105	LEAD	4	99	146	116	150
20593	68105	LEAD	3	198	273	188	244
20594	68105	LEAD	4	119	180	130	175
20595	68105	LEAD	4	143	197	148	188

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20598	68105	LEAD	4	167	366	166	313
20602	68105	LEAD	4	273	572	244	465
20603	68105	LEAD	4	67	96	91	113
20605	68105	LEAD	5	303	461	267	383
20607	68105	LEAD	5	129	165	137	164
20609	68105	LEAD	5	275	412	246	347
20610	68105	LEAD	4	215	322	201	280
20611	68105	LEAD	5	233	473	215	392
20612	68105	LEAD	4	270	378	242	322
20614	68105	LEAD	4	474	638	393	514
20616	68105	LEAD	4	194	312	185	273
20618	68105	LEAD	4	177	387	173	328
20619	68105	LEAD	4	265	460	238	383
20622	68105	LEAD	4	202	259	192	234
20625	68105	LEAD	5	172	420	169	353
20628	68105	LEAD	4	311	583	272	473
20630	68105	LEAD	4	234	513	215	422
20634	68105	LEAD	5	125	180	135	175
20636	68105	LEAD	4	288	643	255	518
20637	68105	LEAD	4	176	267	172	240
20641	68105	LEAD	4	427	767	358	609
20646	68105	LEAD	5	107	195	121	187
20647	68105	LEAD	5	495	764	408	608
20648	68105	LEAD	4	164	277	163	247
20649	68105	LEAD	4	130	209	138	197
20650	68105	LEAD	4	172	219	169	204
20651	68105	LEAD	5	288	415	255	349
20652	68105	LEAD	5	277	357	247	306
20653	68105	LEAD	4	603	762	488	606
20656	68105	LEAD	3	129	159	138	160
20657	68105	LEAD	4	298	358	262	307
20659	68105	LEAD	4	510	589	419	478
20662	68105	LEAD	3	153	307	155	269
20663	68105	LEAD	5	509	850	419	671
20665	68105	LEAD	5	293	558	259	455
20666	68105	LEAD	4	527	859	432	678
20668	68105	LEAD	4	170	197	168	187
20672	68105	LEAD	4	236	436	216	365
20673	68105	LEAD	4	405	588	342	477
20674	68105	LEAD	4	338	444	292	371
20678	68105	LEAD	4	260	423	235	355
20680	68105	LEAD	4	548	855	447	675
20681	68105	LEAD	4	330	512	286	421
20683	68105	LEAD	6	175	260	172	234
20684	68105	LEAD	5	428	649	358	522

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20685	68105	LEAD	4	230	330	212	287
20686	68105	LEAD	2	101	146	116	150
20687	68105	LEAD	5	150	222	153	206
20691	68105	LEAD	4	361	731	309	583
20696	68105	LEAD	4	493	1441	407	1109
20701	68105	LEAD	3	216	296	202	261
20702	68105	LEAD	5	78	106	100	120
20706	68105	LEAD	4	316	486	276	402
20707	68105	LEAD	4	297	534	262	437
20708	68105	LEAD	4	333	394	289	334
20709	68105	LEAD	2	150	229	153	211
20710	68105	LEAD	4	344	411	297	346
20711	68105	LEAD	5	162	222	162	207
20713	68105	LEAD	2	95	113	112	125
20716	68105	LEAD	2	237	313	218	274
20717	68105	LEAD	4	448	593	374	481
20718	68105	LEAD	3	101	157	117	158
20720	68105	LEAD	5	479	803	397	636
20721	68105	LEAD	4	533	788	437	625
20723	68105	LEAD	4	547	877	447	691
20725	68105	LEAD	5	238	510	218	420
20730	68105	LEAD	4	173	258	170	233
20735	68105	LEAD	4	122	132	132	140
20739	68105	LEAD	4	204	408	193	344
20743	68105	LEAD	4	169	205	167	194
20748	68105	LEAD	4	246	446	224	372
20751	68105	LEAD	4	197	362	188	310
20753	68105	LEAD	3	366	451	313	375
20754	68105	LEAD	4	272	598	244	485
20756	68105	LEAD	4	416	730	350	582
20757	68105	LEAD	4	145	165	150	164
20759	68105	LEAD	4	413	567	348	462
20760	68105	LEAD	5	136	202	142	192
20763	68105	LEAD	4	131	155	139	157
20764	68105	LEAD	5	307	889	270	700
20765	68105	LEAD	5	203	251	193	228
20768	68105	LEAD	5	163	273	163	244
20769	68105	LEAD	4	177	315	173	275
20770	68105	LEAD	4	88	101	107	117
20772	68105	LEAD	4	182	209	177	196
20774	68105	LEAD	4	139	164	145	163
20776	68105	LEAD	4	278	398	248	336
20777	68105	LEAD	4	229	465	212	386
20787	68105	LEAD	5	133	184	140	178
20790	68105	LEAD	5	144	177	148	173

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20796	68105	LEAD	4	618	1469	499	1129
20797	68105	LEAD	4	515	753	423	599
20798	68105	LEAD	4	319	475	278	394
20800	68105	LEAD	4	343	441	296	368
20801	68105	LEAD	4	443	662	370	532
20805	68105	LEAD	4	321	431	279	361
20807	68105	LEAD	4	295	823	260	651
20809	68105	LEAD	4	401	698	338	559
20810	68105	LEAD	5	191	236	183	217
20814	68105	LEAD	4	286	428	253	359
20815	68105	LEAD	5	112	132	125	140
20817	68105	LEAD	4	299	515	263	423
20823	68105	LEAD	4	180	251	175	228
20824	68105	LEAD	2	152	168	155	166
20826	68105	LEAD	5	356	805	306	637
20829	68105	LEAD	4	368	565	315	460
20833	68105	LEAD	2	209	226	197	209
20836	68105	LEAD	4	197	304	188	267
20838	68105	LEAD	4	305	570	267	464
20843	68105	LEAD	3	845	1226	667	949
20844	68105	LEAD	4	581	828	472	654
20845	68105	LEAD	5	149	309	152	271
20848	68105	LEAD	2	419	435	352	364
20850	68105	LEAD	5	148	197	152	188
20851	68105	LEAD	4	498	649	410	522
20852	68105	LEAD	4	317	442	277	369
20853	68105	LEAD	4	297	348	262	299
20854	68105	LEAD	4	213	248	200	225
20855	68105	LEAD	4	92	136	110	143
20856	68105	LEAD	4	355	801	304	635
20858	68105	LEAD	4	180	276	175	246
20859	68105	LEAD	4	526	724	431	578
20860	68105	LEAD	3	419	802	352	636
20863	68105	LEAD	5	326	506	283	416
20867	68105	LEAD	2	153	163	155	162
20868	68105	LEAD	4	236	374	216	318
20869	68105	LEAD	3	476	709	394	567
20871	68105	LEAD	4	674	930	541	730
20872	68105	LEAD	2	253	363	229	311
20877	68105	LEAD	3	390	489	330	404
20879	68105	LEAD	4	499	562	411	458
20882	68105	LEAD	5	300	550	264	449
20883	68105	LEAD	4	198	291	188	258
20884	68105	LEAD	4	327	527	284	432
20886	68105	LEAD	3	288	531	255	435

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20888	68105	LEAD	5	198	375	188	320
20889	68105	LEAD	5	375	537	319	439
20892	68105	LEAD	5	507	611	417	494
20893	68105	LEAD	1	307	307	269	269
20894	68105	LEAD	4	389	724	330	578
20895	68105	LEAD	2	375	435	320	364
20896	68105	LEAD	3	409	643	345	518
20897	68105	LEAD	6	450	909	375	715
20899	68105	LEAD	4	432	547	362	447
20900	68105	LEAD	2	460	519	382	426
20901	68105	LEAD	4	448	945	373	741
20902	68105	LEAD	4	298	377	263	321
20906	68105	LEAD	3	434	674	363	541
20907	68105	LEAD	4	660	875	530	689
20908	68105	LEAD	4	221	245	206	223
20909	68105	LEAD	4	178	322	174	280
20911	68105	LEAD	4	270	434	242	363
20914	68105	LEAD	4	99	145	115	149
20916	68105	LEAD	5	228	343	210	296
20917	68105	LEAD	4	596	876	483	690
20921	68105	LEAD	4	224	325	208	282
20923	68105	LEAD	5	495	576	408	468
20925	68105	LEAD	2	1107	1322	861	1020
20927	68105	LEAD	4	264	385	237	327
20928	68105	LEAD	4	296	414	261	348
20930	68105	LEAD	5	426	778	357	617
20933	68105	LEAD	5	353	630	304	508
20935	68105	LEAD	2	222	226	206	209
20936	68105	LEAD	4	196	402	187	339
20937	68105	LEAD	5	213	371	199	316
20942	68105	LEAD	4	58	113	85	126
20943	68105	LEAD	4	161	233	161	214
20944	68105	LEAD	4	352	417	303	351
20945	68105	LEAD	5	238	504	218	415
20946	68105	LEAD	5	316	622	276	503
20947	68105	LEAD	3	202	258	192	233
20948	68105	LEAD	3	299	407	263	343
20949	68105	LEAD	4	235	315	216	275
20955	68105	LEAD	3	584	867	474	683
20956	68105	LEAD	4	181	191	176	183
20958	68105	LEAD	4	51	105	80	119
20961	68105	LEAD	4	180	258	175	233
20962	68105	LEAD	3	521	611	427	494
20963	68105	LEAD	4	273	403	244	340
20964	68105	LEAD	4	277	345	247	297

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20966	68105	LEAD	4	271	443	243	370
20967	68105	LEAD	3	272	476	244	394
20969	68105	LEAD	5	130	243	138	222
20977	68105	LEAD	4	139	238	145	218
20980	68105	LEAD	4	216	502	202	413
20983	68105	LEAD	4	386	537	328	440
20985	68105	LEAD	4	349	549	300	448
20987	68105	LEAD	5	141	158	146	159
20990	68105	LEAD	4	374	605	318	490
20994	68105	LEAD	4	241	431	221	361
20997	68105	LEAD	3	382	594	325	482
20999	68105	LEAD	4	488	731	403	583
21000	68105	LEAD	4	321	389	280	330
21005	68105	LEAD	3	49	102	79	118
21007	68105	LEAD	4	115	186	127	179
21008	68105	LEAD	4	579	931	470	731
21009	68105	LEAD	4	94	113	112	126
21012	68105	LEAD	3	338	383	292	325
21015	68105	LEAD	2	160	219	160	204
21018	68105	LEAD	2	328	363	285	311
21019	68105	LEAD	4	241	404	220	341
21022	68105	LEAD	4	165	239	164	219
21025	68105	LEAD	4	242	727	221	580
21028	68105	LEAD	4	174	208	171	196
21031	68105	LEAD	4	139	175	145	171
21034	68105	LEAD	4	148	241	151	220
21036	68105	LEAD	3	188	279	181	248
21037	68105	LEAD	3	168	235	166	216
21038	68105	LEAD	3	189	208	182	196
21041	68105	LEAD	4	168	248	166	225
21042	68105	LEAD	4	173	468	170	388
21043	68105	LEAD	3	65	118	90	129
21047	68105	LEAD	4	492	863	406	681
21048	68105	LEAD	4	576	1279	468	989
21049	68105	LEAD	5	386	553	328	451
21051	68105	LEAD	4	124	177	134	173
21052	68105	LEAD	4	439	1003	367	784
21053	68105	LEAD	4	221	303	206	267
21054	68105	LEAD	4	121	137	131	144
21055	68105	LEAD	4	182	287	177	254
21056	68105	LEAD	4	369	486	315	401
21057	68105	LEAD	4	68	95	92	112
21058	68105	LEAD	3	492	801	406	635
21060	68105	LEAD	3	350	604	301	489
21061	68105	LEAD	6	104	149	119	153

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21064	68105	LEAD	4	878	993	691	777
21068	68105	LEAD	3	719	905	574	712
21071	68105	LEAD	4	376	568	320	462
21073	68105	LEAD	4	351	498	302	411
21074	68105	LEAD	4	167	427	166	358
21076	68105	LEAD	4	255	390	231	331
21077	68105	LEAD	4	549	672	448	539
21079	68105	LEAD	5	245	375	224	320
21080	68105	LEAD	4	210	426	198	357
21082	68105	LEAD	4	376	493	320	407
21083	68105	LEAD	4	190	258	183	233
21086	68105	LEAD	2	408	432	344	362
21087	68105	LEAD	4	259	539	233	441
21088	68105	LEAD	4	353	519	303	426
21089	68105	LEAD	5	522	842	428	665
21092	68105	LEAD	4	513	783	421	621
21093	68105	LEAD	4	202	269	192	241
21095	68105	LEAD	4	380	546	323	446
21096	68105	LEAD	1	357	357	306	306
21097	68105	LEAD	4	260	298	234	262
21098	68105	LEAD	5	364	452	311	377
21099	68105	LEAD	4	398	843	337	666
21101	68105	LEAD	5	176	351	172	302
21102	68105	LEAD	5	119	150	130	153
21105	68105	LEAD	3	542	719	443	574
21106	68105	LEAD	4	176	256	172	232
21107	68105	LEAD	4	322	400	280	338
21108	68105	LEAD	3	539	723	441	577
21109	68105	LEAD	4	101	145	117	150
21110	68105	LEAD	5	300	584	264	474
21111	68105	LEAD	5	457	835	380	660
21112	68105	LEAD	4	339	676	293	542
21115	68105	LEAD	4	196	265	187	238
21116	68105	LEAD	4	305	603	268	488
21117	68105	LEAD	4	440	600	368	486
21120	68105	LEAD	3	477	763	395	607
21124	68105	LEAD	4	205	407	194	343
21129	68105	LEAD	4	900	1766	708	1349
21130	68105	LEAD	5	177	266	173	239
21132	68105	LEAD	4	79	110	100	123
21133	68105	LEAD	4	785	2376	623	1800
21136	68105	LEAD	4	237	280	218	249
21138	68105	LEAD	4	403	583	340	474
21140	68105	LEAD	6	191	363	184	310
21141	68105	LEAD	4	521	819	428	648

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21143	68105	LEAD	4	578	824	470	651
21144	68105	LEAD	4	134	207	141	195
21147	68105	LEAD	4	345	543	297	444
21148	68105	LEAD	4	113	161	125	161
21149	68105	LEAD	4	285	574	253	467
21150	68105	LEAD	3	223	248	207	226
21151	68105	LEAD	4	165	280	164	249
21152	68105	LEAD	2	490	584	404	474
21153	68105	LEAD	4	222	275	206	246
21167	68105	LEAD	4	212	492	199	406
21169	68105	LEAD	4	289	417	256	351
21170	68105	LEAD	4	333	522	288	428
21171	68105	LEAD	4	356	545	306	446
21173	68105	LEAD	4	386	559	328	456
21178	68105	LEAD	5	349	541	300	443
21185	68105	LEAD	4	529	653	434	525
21186	68105	LEAD	3	386	408	328	344
21191	68105	LEAD	4	521	883	428	695
21192	68105	LEAD	5	111	219	124	204
21193	68105	LEAD	4	209	259	197	234
21195	68105	LEAD	5	215	308	201	270
21201	68105	LEAD	3	370	583	316	474
21202	68105	LEAD	5	207	340	196	294
21203	68105	LEAD	4	441	556	368	453
21206	68105	LEAD	4	121	133	132	140
21209	68105	LEAD	4	457	844	380	667
21210	68105	LEAD	4	158	206	159	194
21212	68105	LEAD	4	124	164	134	163
21213	68105	LEAD	4	151	195	153	186
21214	68105	LEAD	4	118	160	129	160
21215	68105	LEAD	4	317	566	277	461
21216	68105	LEAD	2	255	319	231	278
21218	68105	LEAD	4	102	175	117	172
21219	68105	LEAD	3	259	407	234	343
21220	68105	LEAD	4	684	887	548	699
21221	68105	LEAD	3	265	524	238	430
21222	68105	LEAD	4	96	201	113	191
21223	68105	LEAD	5	107	151	121	154
21225	68105	LEAD	4	366	617	313	498
21226	68105	LEAD	4	390	884	330	696
21230	68105	LEAD	3	310	391	271	331
21231	68105	LEAD	4	311	348	272	299
21239	68105	LEAD	5	259	409	233	345
21247	68105	LEAD	4	228	342	210	295
21251	68105	LEAD	4	75	83	97	104

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21257	68105	LEAD	3	201	226	191	209
21258	68105	LEAD	3	205	339	194	293
21260	68105	LEAD	4	222	241	206	220
21261	68105	LEAD	4	280	521	249	428
21264	68105	LEAD	4	256	415	231	349
21265	68105	LEAD	4	251	384	228	326
21266	68105	LEAD	5	183	571	177	465
21267	68105	LEAD	4	204	344	193	297
21268	68105	LEAD	5	91	116	109	128
21269	68105	LEAD	4	297	336	262	291
21272	68105	LEAD	3	185	232	179	214
21273	68105	LEAD	4	465	519	386	426
21274	68105	LEAD	4	239	458	219	381
21276	68105	LEAD	4	267	468	240	388
21277	68105	LEAD	4	324	441	282	368
21279	68105	LEAD	4	414	838	348	662
21280	68105	LEAD	3	214	257	200	232
21281	68105	LEAD	4	114	155	126	157
21283	68105	LEAD	4	332	493	288	407
21285	68105	LEAD	4	127	213	136	200
21286	68105	LEAD	4	234	345	215	298
21287	68105	LEAD	3	526	567	431	462
21288	68105	LEAD	4	407	604	343	489
21289	68105	LEAD	4	255	293	231	259
21293	68105	LEAD	4	205	238	194	218
21294	68105	LEAD	4	111	156	124	158
21296	68105	LEAD	4	203	229	192	212
21297	68105	LEAD	4	194	214	186	201
21298	68105	LEAD	3	367	442	313	369
21300	68105	LEAD	5	187	268	180	241
21301	68105	LEAD	4	327	858	284	677
21302	68105	LEAD	3	108	158	122	159
21303	68105	LEAD	4	290	406	256	343
21304	68105	LEAD	4	184	293	178	259
21305	68105	LEAD	4	254	436	230	365
21307	68105	LEAD	4	559	1269	456	981
21309	68105	LEAD	4	104	150	119	153
21310	68105	LEAD	4	139	237	145	217
21311	68105	LEAD	5	225	321	208	279
21312	68105	LEAD	3	268	406	240	343
21313	68105	LEAD	5	587	969	476	759
21314	68105	LEAD	4	268	497	240	409
21316	68105	LEAD	3	132	178	140	174
21317	68105	LEAD	4	180	225	175	208
21318	68105	LEAD	4	151	317	154	277

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21319	68105	LEAD	4	74	91	97	109
21321	68105	LEAD	4	164	258	163	233
21322	68105	LEAD	4	123	185	133	179
21324	68105	LEAD	4	464	724	385	578
21325	68105	LEAD	4	163	277	162	247
21326	68105	LEAD	4	563	675	459	542
21328	68105	LEAD	3	110	141	123	147
21329	68105	LEAD	3	194	246	186	224
21330	68105	LEAD	4	102	152	117	155
21332	68105	LEAD	4	528	703	433	562
21333	68105	LEAD	5	629	1399	507	1078
21335	68105	LEAD	4	143	227	148	210
21336	68105	LEAD	2	541	707	442	565
21339	68105	LEAD	4	402	649	339	522
21340	68105	LEAD	6	479	645	396	519
21342	68105	LEAD	5	195	434	186	364
21345	68105	LEAD	4	187	308	180	270
21348	68105	LEAD	3	128	146	137	150
21349	68105	LEAD	4	421	782	353	620
21351	68105	LEAD	5	124	202	134	192
21352	68105	LEAD	4	133	227	140	210
21354	68105	LEAD	3	334	444	289	371
21355	68105	LEAD	4	213	334	199	289
21356	68105	LEAD	4	209	501	197	413
21358	68105	LEAD	3	232	337	214	291
21360	68105	LEAD	4	118	183	129	178
21361	68105	LEAD	4	118	134	129	141
21362	68105	LEAD	5	149	224	152	208
21364	68105	LEAD	4	671	887	539	698
21365	68105	LEAD	4	472	616	391	498
21368	68105	LEAD	4	324	397	282	336
21369	68105	LEAD	4	464	1117	385	868
21371	68105	LEAD	5	425	826	356	653
21374	68105	LEAD	4	229	380	211	324
21375	68105	LEAD	4	220	396	205	335
21376	68105	LEAD	2	293	331	259	287
21377	68105	LEAD	4	46	82	76	102
21378	68105	LEAD	4	399	521	338	427
21380	68105	LEAD	4	1118	2238	869	1698
21382	68105	LEAD	4	83	126	103	135
21385	68105	LEAD	4	270	590	241	478
21386	68105	LEAD	4	245	283	224	251
21388	68105	LEAD	4	69	76	93	98
21390	68105	LEAD	4	122	173	133	170
21394	68105	LEAD	4	132	199	140	189

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21403	68105	LEAD	4	209	312	197	273
21404	68105	LEAD	5	188	315	181	275
21405	68105	LEAD	4	444	545	370	445
21410	68105	LEAD	4	129	166	138	165
21411	68105	LEAD	5	76	111	98	124
21412	68105	LEAD	2	255	269	230	241
21415	68105	LEAD	4	165	311	164	272
21418	68105	LEAD	4	216	276	202	246
21419	68105	LEAD	3	385	593	327	481
21420	68105	LEAD	5	142	187	147	181
21424	68105	LEAD	4	286	608	254	492
21425	68105	LEAD	1	36	36	69	69
21430	68105	LEAD	4	208	303	196	266
21431	68105	LEAD	1	492	492	406	406
21436	68105	LEAD	6	250	416	227	350
21438	68105	LEAD	5	273	384	244	326
21443	68105	LEAD	4	206	263	194	237
21446	68105	LEAD	5	220	363	204	310
21448	68105	LEAD	4	71	94	95	111
21449	68105	LEAD	3	272	349	243	301
21450	68105	LEAD	4	110	164	124	163
21451	68105	LEAD	4	336	426	291	357
21453	68105	LEAD	4	468	994	388	778
21454	68105	LEAD	3	102	165	117	164
21457	68105	LEAD	4	275	522	246	428
21459	68105	LEAD	5	450	820	375	649
21460	68105	LEAD	4	118	139	130	145
21466	68105	LEAD	2	437	582	365	473
21470	68105	LEAD	4	196	358	187	307
21471	68105	LEAD	3	201	268	190	241
21472	68105	LEAD	4	248	411	226	346
21474	68105	LEAD	4	177	263	173	237
21475	68105	LEAD	3	184	296	178	261
21476	68105	LEAD	5	150	186	153	180
21477	68105	LEAD	3	59	72	85	95
21478	68105	LEAD	4	289	524	256	430
21480	68105	LEAD	3	79	135	101	142
21481	68105	LEAD	3	308	470	270	390
21483	68105	LEAD	5	483	562	400	458
21484	68105	LEAD	3	315	585	275	475
21485	68105	LEAD	4	554	653	452	525
21486	68105	LEAD	4	265	426	238	357
21489	68105	LEAD	5	160	267	160	239
21490	68105	LEAD	5	279	361	248	309
21491	68105	LEAD	4	155	285	156	253

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21492	68105	LEAD	5	291	490	257	404
21493	68105	LEAD	4	481	788	398	625
21494	68105	LEAD	4	406	670	343	538
21495	68105	LEAD	4	135	218	142	203
21496	68105	LEAD	4	199	232	189	214
21497	68105	LEAD	4	284	346	252	298
21498	68105	LEAD	5	155	301	157	265
21499	68105	LEAD	3	425	599	357	485
21500	68105	LEAD	4	313	436	274	365
21501	68105	LEAD	4	574	915	467	719
21503	68105	LEAD	3	399	711	337	568
21504	68105	LEAD	3	313	367	274	313
21505	68105	LEAD	4	212	469	199	389
21507	68105	LEAD	3	468	496	388	409
21509	68105	LEAD	4	217	313	203	274
21513	68105	LEAD	4	473	783	392	622
21515	68105	LEAD	4	145	162	150	162
21516	68105	LEAD	4	254	382	230	324
21517	68105	LEAD	5	335	497	290	410
21519	68105	LEAD	4	270	462	242	384
21524	68105	LEAD	5	309	505	271	415
21525	68105	LEAD	4	409	838	345	662
21527	68105	LEAD	4	313	514	274	422
21528	68105	LEAD	4	411	569	346	463
21529	68105	LEAD	4	370	855	316	675
21530	68105	LEAD	4	278	480	248	397
21531	68105	LEAD	3	219	270	204	242
21533	68105	LEAD	4	365	593	312	481
21535	68105	LEAD	4	77	81	99	102
21536	68105	LEAD	5	191	243	184	222
21538	68105	LEAD	4	412	753	347	599
21539	68105	LEAD	4	257	406	232	342
21540	68105	LEAD	4	464	699	386	560
21542	68105	LEAD	4	339	623	293	503
21543	68105	LEAD	4	270	629	242	508
21544	68105	LEAD	3	189	252	182	228
21545	68105	LEAD	4	297	480	262	397
21546	68105	LEAD	4	410	591	345	479
21548	68105	LEAD	4	378	473	322	392
21549	68105	LEAD	5	486	858	402	677
21550	68105	LEAD	4	103	125	118	134
21551	68105	LEAD	4	138	161	144	162
21558	68105	LEAD	4	114	152	127	155
21559	68105	LEAD	4	500	728	412	581
21560	68105	LEAD	5	221	287	205	254

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21561	68105	LEAD	4	164	200	164	190
21562	68105	LEAD	5	358	749	307	596
21563	68105	LEAD	4	442	790	369	627
21565	68105	LEAD	4	390	715	330	571
21566	68105	LEAD	4	323	610	281	493
21567	68105	LEAD	4	688	1427	551	1098
21570	68105	LEAD	4	324	480	282	397
21571	68105	LEAD	5	294	437	259	365
21574	68105	LEAD	4	112	134	125	141
21577	68105	LEAD	4	75	93	97	111
21578	68105	LEAD	4	571	859	465	678
21580	68105	LEAD	5	280	363	249	311
21581	68105	LEAD	4	121	159	132	160
21583	68105	LEAD	4	233	422	214	354
21584	68105	LEAD	4	182	492	177	406
21585	68105	LEAD	4	172	292	169	258
21586	68105	LEAD	4	153	179	156	174
21589	68105	LEAD	2	316	520	276	427
21591	68105	LEAD	4	128	150	137	153
21594	68105	LEAD	4	363	672	311	539
21596	68105	LEAD	5	253	329	230	285
21597	68105	LEAD	4	601	950	486	745
21600	68105	LEAD	4	131	197	139	188
21601	68105	LEAD	4	250	325	227	283
21602	68105	LEAD	4	577	834	469	659
21603	68105	LEAD	4	325	475	283	393
21604	68105	LEAD	5	161	365	161	312
21605	68105	LEAD	5	248	364	226	311
21606	68105	LEAD	4	165	267	164	239
21608	68105	LEAD	5	164	223	163	207
21609	68105	LEAD	5	329	526	286	431
21610	68105	LEAD	4	187	314	180	275
21612	68105	LEAD	3	310	405	272	342
21613	68105	LEAD	4	135	160	142	161
21614	68105	LEAD	4	515	619	423	500
21615	68105	LEAD	5	298	471	263	390
21616	68105	LEAD	5	366	669	313	537
21617	68105	LEAD	4	139	185	145	179
21619	68105	LEAD	3	162	204	162	193
21621	68105	LEAD	3	416	535	350	438
21623	68105	LEAD	4	395	489	334	404
21624	68105	LEAD	4	408	671	344	538
21625	68105	LEAD	5	413	758	348	603
21626	68105	LEAD	4	399	557	337	454
21630	68105	LEAD	3	262	360	236	308

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21632	68105	LEAD	4	478	1155	395	897
21633	68105	LEAD	5	205	325	193	282
21634	68105	LEAD	4	508	632	418	510
21636	68105	LEAD	2	158	176	159	172
21638	68105	LEAD	1	205	205	194	194
21639	68105	LEAD	4	345	508	298	418
21640	68105	LEAD	6	252	390	229	331
21641	68105	LEAD	4	220	280	205	250
21643	68105	LEAD	5	225	340	209	294
21645	68105	LEAD	4	175	217	172	202
21646	68105	LEAD	4	193	386	185	328
21649	68105	LEAD	3	212	238	199	218
21653	68105	LEAD	4	103	147	118	151
21654	68105	LEAD	5	424	584	355	474
21655	68105	LEAD	3	519	602	426	487
21657	68105	LEAD	5	190	279	183	249
21658	68105	LEAD	3	119	168	130	166
21660	68105	LEAD	5	498	739	410	589
21662	68105	LEAD	4	434	800	363	634
21663	68105	LEAD	4	385	908	327	714
21665	68105	LEAD	4	221	267	205	240
21667	68105	LEAD	5	221	262	205	236
21669	68105	LEAD	4	302	662	265	532
21672	68105	LEAD	4	299	395	263	334
21673	68105	LEAD	5	323	422	281	355
21674	68105	LEAD	4	459	672	382	539
21675	68105	LEAD	4	404	724	341	578
21676	68105	LEAD	4	251	362	228	310
21677	68105	LEAD	4	357	541	306	442
21678	68105	LEAD	5	107	177	121	173
21679	68105	LEAD	6	155	239	157	219
21683	68105	LEAD	5	434	717	363	572
21687	68105	LEAD	4	509	680	418	545
21688	68105	LEAD	3	208	331	196	287
21689	68105	LEAD	4	447	492	373	406
21690	68105	LEAD	4	233	443	215	369
21691	68105	LEAD	4	139	200	145	190
21692	68105	LEAD	4	230	355	213	304
21693	68105	LEAD	4	151	196	154	187
21698	68105	LEAD	5	232	384	214	326
21699	68105	LEAD	4	84	116	104	128
21700	68105	LEAD	4	317	491	277	405
21701	68105	LEAD	5	236	381	216	324
21704	68105	LEAD	4	385	590	327	478
21705	68105	LEAD	4	465	482	386	399

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21706	68105	LEAD	4	216	245	202	223
21707	68105	LEAD	4	197	236	188	217
21708	68105	LEAD	4	461	1090	383	848
21709	68105	LEAD	4	415	606	349	490
21710	68105	LEAD	4	352	540	303	442
21711	68105	LEAD	4	150	211	153	198
21713	68105	LEAD	4	213	372	199	317
21714	68105	LEAD	3	251	285	228	253
21715	68105	LEAD	4	679	959	544	752
21718	68105	LEAD	4	328	595	285	482
21719	68105	LEAD	4	592	723	480	577
21720	68105	LEAD	3	304	545	267	445
21722	68105	LEAD	4	353	461	303	383
21723	68105	LEAD	4	1135	3698	882	2778
21724	68105	LEAD	4	347	655	299	527
21725	68105	LEAD	4	394	594	333	482
21726	68105	LEAD	4	345	530	298	434
21727	68105	LEAD	3	233	341	215	294
21728	68105	LEAD	5	182	415	177	349
21730	68105	LEAD	5	175	255	172	230
21734	68105	LEAD	4	154	241	156	220
21735	68105	LEAD	5	273	332	244	288
21736	68105	LEAD	3	87	114	106	126
21739	68105	LEAD	4	348	482	299	398
21740	68105	LEAD	5	250	371	227	316
21742	68105	LEAD	3	313	428	274	359
21744	68105	LEAD	4	119	166	130	165
21745	68105	LEAD	4	240	256	220	231
21747	68105	LEAD	4	205	276	194	247
21748	68105	LEAD	4	368	785	315	623
21749	68105	LEAD	6	362	754	310	600
21750	68105	LEAD	4	1635	4785	1252	3583
21751	68105	LEAD	5	965	1420	756	1093
21752	68105	LEAD	5	307	849	269	671
21753	68105	LEAD	4	140	164	146	163
21754	68105	LEAD	2	144	156	148	158
21755	68105	LEAD	4	357	570	307	464
21757	68105	LEAD	4	232	316	214	276
21758	68105	LEAD	4	306	452	269	376
21759	68105	LEAD	3	344	518	296	425
21760	68105	LEAD	5	139	215	145	201
21761	68105	LEAD	3	224	280	207	249
21764	68105	LEAD	4	327	480	284	397
21766	68105	LEAD	3	185	254	179	230
21768	68105	LEAD	4	403	598	340	485

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21770	68105	LEAD	4	243	460	222	383
21772	68105	LEAD	5	210	352	197	302
21773	68105	LEAD	4	667	837	536	661
21776	68105	LEAD	4	401	932	338	731
21777	68105	LEAD	5	156	236	157	217
21778	68105	LEAD	5	321	793	280	629
21779	68105	LEAD	6	483	787	399	625
21782	68105	LEAD	5	397	735	336	586
21783	68105	LEAD	5	242	560	221	457
21786	68105	LEAD	4	175	415	171	349
21788	68105	LEAD	5	166	230	165	212
21789	68105	LEAD	4	201	229	191	211
21790	68105	LEAD	4	366	424	313	356
21793	68105	LEAD	3	251	359	228	307
21794	68105	LEAD	5	154	221	156	206
21795	68105	LEAD	3	124	159	134	160
21799	68105	LEAD	4	384	575	326	467
21800	68105	LEAD	4	102	120	118	131
21801	68105	LEAD	4	247	388	224	329
21804	68105	LEAD	4	273	378	244	322
21807	68105	LEAD	5	344	653	297	525
21810	68105	LEAD	3	415	608	349	492
21811	68105	LEAD	2	484	633	400	511
21812	68105	LEAD	4	261	422	235	355
21814	68105	LEAD	4	268	405	240	342
21815	68105	LEAD	4	684	981	548	768
21816	68105	LEAD	4	321	572	280	465
21817	68105	LEAD	4	216	332	202	288
21818	68105	LEAD	3	341	450	294	375
21819	68105	LEAD	4	644	781	519	620
21820	68105	LEAD	4	288	502	255	413
21822	68105	LEAD	4	1194	2377	925	1801
21823	68105	LEAD	4	192	230	184	212
21824	68105	LEAD	4	122	207	132	195
21825	68105	LEAD	4	451	594	376	482
21827	68105	LEAD	4	313	419	273	352
21828	68105	LEAD	3	511	849	420	670
21831	68105	LEAD	3	218	368	203	315
21832	68105	LEAD	4	114	195	126	186
21836	68105	LEAD	5	194	331	186	287
21838	68105	LEAD	4	400	484	338	400
21840	68105	LEAD	4	354	514	304	422
21841	68105	LEAD	5	354	919	304	722
21844	68105	LEAD	5	169	257	167	233
21847	68105	LEAD	4	322	464	280	386

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21849	68105	LEAD	4	606	948	490	743
21850	68105	LEAD	4	488	920	403	723
21853	68105	LEAD	2	725	886	578	698
21854	68105	LEAD	4	287	505	254	416
21855	68105	LEAD	5	325	892	282	702
21857	68105	LEAD	4	152	229	155	211
21858	68105	LEAD	4	114	177	126	173
21859	68105	LEAD	4	487	921	403	724
21860	68105	LEAD	4	129	193	138	185
21864	68105	LEAD	4	202	371	192	317
21865	68105	LEAD	4	307	582	269	473
21866	68105	LEAD	4	332	528	288	433
21867	68105	LEAD	4	286	338	254	292
21868	68105	LEAD	4	220	299	205	263
21869	68105	LEAD	4	223	448	207	374
21873	68105	LEAD	4	257	355	232	304
21874	68105	LEAD	4	226	379	209	322
21875	68105	LEAD	3	226	423	209	355
21877	68105	LEAD	4	293	396	258	335
21878	68105	LEAD	4	276	453	247	378
21880	68105	LEAD	4	149	202	152	191
21881	68105	LEAD	4	165	429	164	359
21882	68105	LEAD	3	307	452	269	376
21883	68105	LEAD	4	259	471	234	391
21884	68105	LEAD	4	187	257	180	232
21885	68105	LEAD	5	223	371	207	316
21887	68105	LEAD	4	120	137	131	144
21888	68105	LEAD	4	160	312	160	273
21889	68105	LEAD	4	409	771	345	612
21893	68105	LEAD	4	164	196	163	187
21895	68105	LEAD	5	159	249	159	227
21896	68105	LEAD	4	188	320	181	279
21899	68105	LEAD	4	282	457	251	380
21900	68105	LEAD	4	222	335	207	290
21901	68105	LEAD	4	331	481	287	398
21903	68105	LEAD	4	200	236	190	217
21904	68105	LEAD	5	249	463	226	385
21908	68105	LEAD	3	260	289	234	256
21911	68105	LEAD	3	240	322	219	280
21912	68105	LEAD	1	353	353	303	303
21913	68105	LEAD	4	364	473	311	392
21915	68105	LEAD	4	499	808	411	640
21916	68105	LEAD	4	181	236	176	216
21921	68105	LEAD	4	309	392	271	332
21922	68105	LEAD	3	277	415	247	349

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21923	68105	LEAD	4	150	196	153	187
21925	68105	LEAD	1	255	255	231	231
21926	68105	LEAD	4	355	581	304	472
21927	68105	LEAD	4	203	402	192	339
21928	68105	LEAD	4	271	401	243	338
21929	68105	LEAD	2	190	238	182	218
21930	68105	LEAD	4	386	483	328	399
21931	68105	LEAD	4	2970	11244	2239	8362
21932	68105	LEAD	5	426	634	357	511
21933	68105	LEAD	2	247	347	225	299
21934	68105	LEAD	4	169	224	167	208
21936	68105	LEAD	4	284	345	252	297
21937	68105	LEAD	5	305	397	268	336
21938	68105	LEAD	4	900	1924	708	1466
21941	68105	LEAD	1	201	201	191	191
21944	68105	LEAD	5	233	366	214	313
21946	68105	LEAD	4	274	347	245	299
21948	68105	LEAD	4	259	454	233	378
21950	68105	LEAD	5	134	192	141	184
21951	68105	LEAD	4	551	730	450	582
21952	68105	LEAD	5	228	374	211	319
21954	68105	LEAD	1	119	119	130	130
21956	68105	LEAD	4	199	257	189	232
21958	68105	LEAD	5	329	523	285	429
21961	68105	LEAD	4	68	92	92	110
21962	68105	LEAD	2	49	53	79	81
21965	68105	LEAD	4	546	890	446	700
21966	68105	LEAD	5	372	645	317	519
21967	68105	LEAD	4	421	694	353	556
21969	68105	LEAD	4	572	1029	465	804
21971	68105	LEAD	3	204	346	193	298
21979	68105	LEAD	4	295	403	260	340
21980	68105	LEAD	4	421	860	354	679
21981	68105	LEAD	4	594	1340	481	1034
21983	68105	LEAD	3	659	912	530	717
21985	68105	LEAD	3	242	302	221	266
21986	68105	LEAD	3	1684	3822	1288	2870
21989	68105	LEAD	5	456	726	379	579
21990	68105	LEAD	5	354	447	304	373
21991	68105	LEAD	3	496	764	409	608
21993	68105	LEAD	4	79	93	101	111
21994	68105	LEAD	2	399	432	337	362
21995	68105	LEAD	4	400	519	338	426
21996	68105	LEAD	4	210	279	198	248
21997	68105	LEAD	3	485	870	401	686

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21998	68105	LEAD	4	240	285	219	253
21999	68105	LEAD	3	199	258	189	233
22001	68105	LEAD	4	462	891	384	701
22004	68105	LEAD	4	369	524	315	430
22005	68105	LEAD	4	608	1004	492	785
22006	68105	LEAD	4	322	704	280	563
22007	68105	LEAD	5	299	417	263	350
22008	68105	LEAD	4	403	567	340	462
22009	68105	LEAD	4	233	419	214	352
22010	68105	LEAD	4	424	732	356	584
22013	68105	LEAD	4	145	178	149	174
22014	68105	LEAD	4	235	291	216	258
22015	68105	LEAD	4	438	959	366	752
22017	68105	LEAD	5	198	291	189	258
22018	68105	LEAD	4	195	398	186	337
22019	68105	LEAD	4	268	567	241	462
22021	68105	LEAD	4	404	536	341	439
22022	68105	LEAD	4	339	523	293	429
22024	68105	LEAD	4	637	714	513	571
22025	68105	LEAD	4	409	509	344	419
22026	68105	LEAD	4	164	246	163	224
22027	68105	LEAD	3	221	351	205	302
22028	68105	LEAD	4	233	432	214	362
22030	68105	LEAD	2	743	927	592	728
22031	68105	LEAD	3	115	203	127	192
22034	68105	LEAD	4	344	863	296	680
22036	68105	LEAD	5	68	95	92	112
22037	68105	LEAD	3	227	354	210	304
22039	68105	LEAD	4	434	656	364	527
22040	68105	LEAD	4	436	496	365	409
22041	68105	LEAD	4	425	831	357	657
22042	68105	LEAD	4	306	430	268	360
22043	68105	LEAD	4	485	800	401	634
22044	68105	LEAD	5	279	410	248	345
22046	68105	LEAD	4	288	370	255	316
22047	68105	LEAD	4	292	514	258	422
22049	68105	LEAD	4	482	630	399	508
22052	68105	LEAD	4	327	732	284	584
22053	68105	LEAD	4	410	730	345	582
22054	68105	LEAD	4	143	182	148	177
22055	68105	LEAD	4	216	371	202	316
22056	68105	LEAD	4	171	292	169	258
22057	68105	LEAD	3	223	447	207	372
22058	68105	LEAD	4	538	934	440	733
22060	68105	LEAD	4	639	1165	515	904

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22061	68105	LEAD	3	172	209	169	197
22065	68105	LEAD	4	290	333	257	289
22069	68105	LEAD	4	207	318	195	277
22070	68105	LEAD	4	345	545	297	446
22072	68105	LEAD	5	234	410	215	346
22073	68105	LEAD	3	319	498	278	410
22074	68105	LEAD	4	1194	1747	926	1334
22076	68105	LEAD	4	203	269	192	241
22077	68105	LEAD	4	415	513	349	422
22079	68105	LEAD	3	439	540	367	441
22080	68105	LEAD	4	400	787	338	625
22081	68105	LEAD	3	190	292	183	258
22084	68105	LEAD	5	237	384	218	326
22085	68105	LEAD	4	507	838	417	662
22089	68105	LEAD	4	291	397	258	336
22091	68105	LEAD	4	319	526	278	431
22092	68105	LEAD	4	432	688	362	551
22093	68105	LEAD	4	224	259	207	234
22097	68105	LEAD	5	163	212	163	199
22098	68105	LEAD	4	463	1115	385	867
22101	68105	LEAD	4	142	166	147	165
22102	68105	LEAD	4	337	753	291	599
22105	68105	LEAD	4	461	580	383	471
22106	68105	LEAD	3	447	551	373	450
22109	68105	LEAD	4	730	848	582	670
22114	68105	LEAD	4	259	353	234	303
22117	68105	LEAD	3	613	940	496	738
22119	68105	LEAD	4	203	424	192	356
22120	68105	LEAD	3	244	352	223	303
22121	68105	LEAD	4	485	622	401	502
22124	68105	LEAD	4	403	666	340	535
22128	68105	LEAD	4	110	163	123	163
22129	68105	LEAD	3	674	798	541	632
22131	68105	LEAD	3	141	195	146	187
22133	68105	LEAD	4	462	704	384	563
22134	68105	LEAD	4	490	759	404	604
22135	68105	LEAD	4	569	924	463	725
22138	68105	LEAD	4	236	396	217	335
22139	68105	LEAD	3	535	608	438	492
22141	68105	LEAD	4	412	568	347	463
22142	68105	LEAD	4	157	249	158	226
22143	68105	LEAD	5	361	829	309	656
22145	68105	LEAD	4	195	270	187	242
22147	68105	LEAD	3	167	223	166	207
22148	68105	LEAD	4	581	956	472	749

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22149	68105	LEAD	4	348	506	300	417
22152	68105	LEAD	4	355	731	304	583
22153	68105	LEAD	5	179	211	175	198
22154	68105	LEAD	4	520	833	427	658
22161	68105	LEAD	4	558	738	455	588
22162	68105	LEAD	4	386	752	327	598
22163	68105	LEAD	3	370	467	316	388
22164	68105	LEAD	3	337	497	291	410
22165	68105	LEAD	2	492	731	406	583
22167	68105	LEAD	4	143	253	148	230
22170	68105	LEAD	4	352	519	303	426
22171	68105	LEAD	4	613	859	496	677
22172	68105	LEAD	3	162	282	162	251
22173	68105	LEAD	5	443	610	369	493
22174	68105	LEAD	3	163	310	163	272
22175	68105	LEAD	4	320	345	279	298
22177	68105	LEAD	4	327	635	284	512
22179	68105	LEAD	3	450	655	375	527
22180	68105	LEAD	5	250	349	227	300
22181	68105	LEAD	3	492	566	406	461
22182	68105	LEAD	3	458	719	381	574
22183	68105	LEAD	4	223	301	207	265
22184	68105	LEAD	3	175	213	172	199
22185	68105	LEAD	4	494	620	408	501
22186	68105	LEAD	4	366	587	313	476
22189	68105	LEAD	3	250	327	227	284
22191	68105	LEAD	4	457	823	380	651
22192	68105	LEAD	4	494	700	407	560
22193	68105	LEAD	4	159	276	160	246
22199	68105	LEAD	2	133	149	141	152
22200	68105	LEAD	3	443	673	370	540
22204	68105	LEAD	2	240	252	220	229
22208	68105	LEAD	4	449	669	375	537
22209	68105	LEAD	5	363	888	311	699
22210	68105	LEAD	4	419	950	352	745
22211	68105	LEAD	4	383	630	326	508
22212	68105	LEAD	4	378	582	322	473
22213	68105	LEAD	2	175	175	171	172
22215	68105	LEAD	3	452	561	376	457
22216	68105	LEAD	4	129	168	138	166
22217	68105	LEAD	4	224	305	208	268
22223	68105	LEAD	4	553	850	451	671
22226	68105	LEAD	5	322	528	280	432
22227	68105	LEAD	2	598	929	484	729
22229	68105	LEAD	4	298	401	263	339

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22230	68105	LEAD	4	510	660	419	531
22231	68105	LEAD	4	287	373	254	318
22232	68105	LEAD	2	114	156	126	157
22233	68105	LEAD	4	216	322	202	280
22234	68105	LEAD	2	238	295	218	261
22237	68105	LEAD	4	531	665	435	534
22238	68105	LEAD	5	333	522	289	428
22240	68105	LEAD	4	722	2279	576	1728
22242	68105	LEAD	3	412	522	347	428
22243	68105	LEAD	3	336	413	291	348
22244	68105	LEAD	4	329	394	285	334
22245	68105	LEAD	4	358	603	307	488
22246	68105	LEAD	4	325	876	282	690
22247	68105	LEAD	4	395	612	334	495
22249	68105	LEAD	4	513	662	422	532
22250	68105	LEAD	4	535	834	438	659
22252	68105	LEAD	3	639	799	515	634
22255	68105	LEAD	3	248	290	225	256
22258	68105	LEAD	4	632	867	509	683
22259	68105	LEAD	4	193	433	185	362
22262	68105	LEAD	3	184	326	178	283
22266	68105	LEAD	3	152	165	154	164
22267	68105	LEAD	5	1154	2280	896	1729
22273	68105	LEAD	4	205	398	194	337
22275	68105	LEAD	4	388	536	329	438
22276	68105	LEAD	4	486	711	402	568
22277	68105	LEAD	2	227	386	210	328
22279	68105	LEAD	4	362	757	310	602
22280	68105	LEAD	3	485	711	401	568
22284	68105	LEAD	4	261	432	235	362
22286	68105	LEAD	1	323	323	281	281
22290	68105	LEAD	4	375	546	319	446
22293	68105	LEAD	4	435	654	364	526
22295	68105	LEAD	5	384	655	326	527
22298	68105	LEAD	4	168	218	166	204
22300	68105	LEAD	1	221	221	205	205
22303	68105	LEAD	4	228	254	211	230
22311	68105	LEAD	2	36	41	68	72
22317	68105	LEAD	2	76	91	98	110
22318	68105	LEAD	4	285	380	253	323
22320	68105	LEAD	4	420	625	352	504
22325	68105	LEAD	2	452	703	376	562
22326	68105	LEAD	2	463	639	384	515
22329	68105	LEAD	4	255	279	231	248
22330	68105	LEAD	3	343	417	296	351

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22331	68105	LEAD	4	629	961	507	753
22332	68105	LEAD	6	229	512	212	421
22334	68105	LEAD	4	211	276	198	247
22337	68105	LEAD	2	558	810	455	642
22339	68105	LEAD	4	245	426	223	357
22342	68105	LEAD	4	458	755	381	601
22344	68105	LEAD	4	99	162	115	162
22345	68105	LEAD	4	417	580	350	471
22346	68105	LEAD	4	523	1012	429	791
22348	68105	LEAD	3	258	395	233	334
22352	68105	LEAD	4	209	293	197	259
22353	68105	LEAD	2	134	145	141	149
22356	68105	LEAD	4	149	218	153	204
22357	68105	LEAD	4	555	813	453	644
22358	68105	LEAD	3	537	861	439	679
22359	68105	LEAD	4	545	957	446	750
22361	68105	LEAD	3	240	475	220	394
22362	68105	LEAD	4	192	268	184	240
22363	68105	LEAD	4	195	388	186	329
22365	68105	LEAD	5	186	314	180	275
22367	68105	LEAD	3	95	129	112	138
22369	68105	LEAD	4	522	658	428	529
22370	68105	LEAD	2	197	222	188	207
22372	68105	LEAD	4	408	717	344	573
22373	68105	LEAD	3	76	92	98	110
22377	68105	LEAD	4	878	1245	692	963
22378	68105	LEAD	4	297	397	262	336
22382	68105	LEAD	4	54	78	82	99
22383	68105	LEAD	4	165	210	164	197
22384	68105	LEAD	4	879	1562	693	1198
22385	68105	LEAD	3	304	520	267	427
22386	68105	LEAD	3	317	481	276	398
22387	68105	LEAD	2	730	1220	582	945
22389	68105	LEAD	3	318	458	278	381
22390	68105	LEAD	4	311	467	272	388
22391	68105	LEAD	4	404	488	341	403
22393	68105	LEAD	4	320	590	279	479
22396	68105	LEAD	4	392	561	332	457
22398	68105	LEAD	5	379	488	322	403
22399	68105	LEAD	4	322	390	280	331
22400	68105	LEAD	4	363	626	311	505
22401	68105	LEAD	4	455	737	378	588
22402	68105	LEAD	4	127	234	136	215
22404	68105	LEAD	2	659	941	530	738
22405	68105	LEAD	4	821	1238	649	958

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22406	68105	LEAD	4	255	318	230	277
22407	68105	LEAD	3	335	450	290	375
22408	68105	LEAD	2	137	151	143	154
22410	68105	LEAD	4	261	579	235	470
22414	68105	LEAD	5	468	767	388	610
22416	68105	LEAD	4	550	692	449	554
22421	68105	LEAD	4	936	1114	735	867
22425	68105	LEAD	4	156	392	157	332
22426	68105	LEAD	4	352	551	302	450
22429	68105	LEAD	4	124	164	134	163
22432	68105	LEAD	4	244	376	222	321
22434	68105	LEAD	4	396	465	335	386
22435	68105	LEAD	4	714	1840	571	1403
22436	68105	LEAD	2	412	417	347	350
22441	68105	LEAD	3	240	355	220	305
22442	68105	LEAD	4	200	315	190	275
22443	68105	LEAD	4	178	250	174	227
22444	68105	LEAD	4	232	445	214	371
22446	68105	LEAD	4	39	46	71	76
22448	68105	LEAD	4	272	635	243	512
22449	68105	LEAD	4	231	462	213	384
22450	68105	LEAD	4	305	572	267	465
22453	68105	LEAD	2	240	274	219	244
22458	68105	LEAD	5	228	321	211	279
22459	68105	LEAD	4	185	326	179	283
22460	68105	LEAD	4	323	631	281	509
22461	68105	LEAD	4	529	1449	433	1115
22462	68105	LEAD	4	178	310	174	271
22463	68105	LEAD	3	572	630	465	508
22465	68105	LEAD	4	74	109	97	123
22466	68105	LEAD	4	180	217	175	203
22467	68105	LEAD	4	180	268	175	240
22473	68105	LEAD	4	947	1546	743	1186
22474	68105	LEAD	4	195	264	186	238
22475	68105	LEAD	3	141	186	146	180
22480	68105	LEAD	4	454	567	378	461
22482	68105	LEAD	4	971	1327	761	1024
22483	68105	LEAD	5	375	575	319	467
22484	68105	LEAD	4	356	705	305	563
22488	68105	LEAD	4	273	385	244	327
22490	68105	LEAD	5	165	273	164	244
22491	68105	LEAD	4	491	797	405	632
22496	68105	LEAD	4	293	512	259	421
22498	68105	LEAD	4	436	716	365	572
22501	68105	LEAD	3	164	307	164	269

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22502	68105	LEAD	4	49	58	78	85
22503	68105	LEAD	4	220	433	205	363
22505	68105	LEAD	4	209	293	197	259
22506	68105	LEAD	4	248	492	226	406
22507	68105	LEAD	4	136	238	143	218
22510	68105	LEAD	3	343	635	296	512
22512	68105	LEAD	4	76	105	99	120
22515	68105	LEAD	4	172	203	169	193
22519	68105	LEAD	2	446	515	372	423
22521	68105	LEAD	4	200	238	190	218
22524	68105	LEAD	4	305	483	268	399
22525	68105	LEAD	4	104	139	119	145
22526	68105	LEAD	3	633	749	511	596
22528	68105	LEAD	5	166	244	165	223
22529	68105	LEAD	5	639	986	515	772
22530	68105	LEAD	4	347	433	299	362
22531	68105	LEAD	4	78	107	100	121
22532	68105	LEAD	4	317	538	277	440
22536	68105	LEAD	4	287	432	254	362
22537	68105	LEAD	4	467	762	387	606
22539	68105	LEAD	2	137	175	144	172
22542	68105	LEAD	3	210	217	197	202
22544	68105	LEAD	4	950	1238	745	958
22545	68105	LEAD	4	319	440	278	367
22546	68105	LEAD	3	620	720	501	574
22547	68105	LEAD	4	458	594	381	482
22549	68105	LEAD	4	161	276	161	246
22550	68105	LEAD	4	138	332	144	287
22553	68105	LEAD	5	198	294	188	259
22559	68105	LEAD	4	179	212	174	199
22560	68105	LEAD	4	359	544	307	445
22561	68105	LEAD	5	151	227	154	210
22562	68105	LEAD	2	626	693	505	555
22563	68105	LEAD	4	592	832	480	658
22564	68105	LEAD	4	137	189	144	182
22566	68105	LEAD	4	163	244	163	223
22567	68105	LEAD	3	317	408	277	344
22568	68105	LEAD	4	237	303	217	267
22571	68105	LEAD	4	365	478	312	396
22574	68105	LEAD	4	567	664	461	534
22577	68105	LEAD	2	875	1118	689	870
22586	68105	LEAD	5	167	258	166	233
22587	68105	LEAD	4	306	389	268	330
22600	68105	LEAD	4	200	271	190	242
22601	68105	LEAD	4	447	641	372	517

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22604	68105	LEAD	4	433	818	362	647
22606	68105	LEAD	3	105	125	120	134
22609	68105	LEAD	4	544	881	445	694
22610	68105	LEAD	3	346	437	298	366
22613	68105	LEAD	4	682	1274	546	985
22618	68105	LEAD	4	141	360	146	308
22621	68105	LEAD	4	173	243	170	222
22622	68105	LEAD	4	679	1489	545	1144
22623	68105	LEAD	4	446	555	372	453
22624	68105	LEAD	2	172	178	169	174
22631	68105	LEAD	3	75	93	97	111
22633	68105	LEAD	4	457	579	380	470
22634	68105	LEAD	2	141	157	146	158
22636	68105	LEAD	3	102	133	117	140
22650	68105	LEAD	4	183	331	178	287
22654	68105	LEAD	4	154	201	156	191
22659	68105	LEAD	4	694	970	555	760
22660	68105	LEAD	4	173	219	170	204
22661	68105	LEAD	3	109	141	122	146
22662	68105	LEAD	4	275	466	246	387
22665	68105	LEAD	4	247	349	225	300
22667	68105	LEAD	3	115	156	127	158
22669	68105	LEAD	4	240	411	219	346
22670	68105	LEAD	5	136	238	143	218
22672	68105	LEAD	3	67	72	92	95
22673	68105	LEAD	4	333	897	288	706
22675	68105	LEAD	2	86	89	106	108
22678	68105	LEAD	2	633	655	510	527
22684	68105	LEAD	4	191	402	183	340
22685	68105	LEAD	4	121	181	131	176
22686	68105	LEAD	4	228	280	211	249
22687	68105	LEAD	6	137	223	144	207
22691	68105	LEAD	2	101	103	117	118
22692	68105	LEAD	2	119	151	130	154
22693	68105	LEAD	4	206	286	195	254
22695	68105	LEAD	1	218	218	203	203
22704	68105	LEAD	4	234	477	215	395
22710	68105	LEAD	3	222	250	206	227
22715	68105	LEAD	4	268	356	240	305
22716	68105	LEAD	4	607	721	491	576
22717	68105	LEAD	5	244	511	222	420
22718	68105	LEAD	2	123	151	133	154
22720	68105	LEAD	2	209	260	197	234
22721	68105	LEAD	2	86	92	106	110
22723	68105	LEAD	4	115	194	127	186

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22726	68105	LEAD	3	251	265	228	238
22733	68105	LEAD	1	80	80	101	101
22737	68105	LEAD	2	99	140	115	145
22739	68105	LEAD	2	152	211	155	198
22741	68105	LEAD	2	65	67	90	92
22742	68105	LEAD	4	529	1273	434	984
22744	68105	LEAD	3	165	220	164	205
22748	68105	LEAD	4	355	597	305	484
22751	68105	LEAD	3	241	287	220	255
22752	68105	LEAD	4	354	500	304	412
22754	68105	LEAD	4	514	790	422	627
22755	68105	LEAD	4	566	786	461	624
22756	68105	LEAD	3	61	71	87	94
22757	68105	LEAD	4	728	851	580	672
22760	68105	LEAD	4	426	935	357	734
22761	68105	LEAD	4	243	368	222	315
22765	68105	LEAD	1	838	838	662	662
22767	68105	LEAD	4	500	672	412	539
22769	68105	LEAD	4	282	852	251	672
22772	68105	LEAD	3	297	414	262	348
22777	68105	LEAD	4	494	689	407	552
22778	68105	LEAD	4	602	1265	487	978
22780	68105	LEAD	3	587	918	477	721
22785	68105	LEAD	4	450	654	375	526
22787	68105	LEAD	4	474	606	393	490
22792	68105	LEAD	5	176	545	172	446
22796	68105	LEAD	4	147	238	151	218
22799	68105	LEAD	3	830	1644	656	1259
22802	68105	LEAD	4	527	927	432	728
22804	68105	LEAD	4	1713	1988	1310	1513
22806	68105	LEAD	4	97	139	114	145
22816	68105	LEAD	2	530	629	434	507
22825	68105	LEAD	4	96	177	113	173
22827	68105	LEAD	4	231	368	213	315
22831	68105	LEAD	4	245	436	223	365
22832	68105	LEAD	4	248	431	225	361
22861	68105	LEAD	2	321	422	279	355
22884	68105	LEAD	4	493	1048	407	818
22893	68105	LEAD	1	284	284	252	252
49266	68105	LEAD	4	209	316	196	276
49271	68105	LEAD	5	397	520	335	427
49272	68105	LEAD	4	190	363	182	311
49288	68105	LEAD	4	414	611	348	494
49289	68105	LEAD	4	189	301	182	265
50443	68105	LEAD	2	501	573	413	466

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50473	68105	LEAD	4	71	88	94	107
50474	68105	LEAD	4	58	77	85	99
50528	68105	LEAD	3	249	327	226	284
50541	68105	LEAD	3	411	623	346	503
50554	68105	LEAD	4	427	712	358	569
50574	68105	LEAD	4	86	113	106	126
50646	68105	LEAD	4	493	808	407	640
52326	68105	LEAD	2	43	47	74	77
66821	68105	LEAD	2	65	75	90	97
80194	68105	LEAD	4	79	109	101	123
87914	68105	LEAD	4	54	59	82	86
87915	68105	LEAD	4	47	57	77	84
87927	68105	LEAD	4	60	68	87	92
87941	68105	LEAD	2	45	60	75	87
88153	68105	LEAD	2	84	97	104	113
88154	68105	LEAD	4	57	71	84	95
89809	68105	LEAD	2	93	117	111	129
90028	68105	LEAD	4	137	164	144	163
90427	68105	LEAD	5	109	121	123	131
91239	68105	LEAD	4	128	203	137	192
93073	68105	LEAD	3	277	299	247	263
93118	68105	LEAD	4	59	70	86	94
93119	68105	LEAD	4	59	64	86	89
93120	68105	LEAD	4	61	64	87	89
93121	68105	LEAD	4	64	87	89	106
93122	68105	LEAD	4	66	97	91	113
93349	68105	LEAD	4	66	113	91	126
93350	68105	LEAD	4	68	109	92	122
93351	68105	LEAD	4	51	53	79	81
93352	68105	LEAD	4	49	55	78	83
93353	68105	LEAD	4	52	58	80	85
93354	68105	LEAD	4	55	76	83	98
93355	68105	LEAD	4	55	58	83	85
93356	68105	LEAD	4	51	62	79	88
93357	68105	LEAD	4	50	62	79	88
93358	68105	LEAD	4	51	59	80	86
93359	68105	LEAD	4	45	57	75	84
93360	68105	LEAD	4	70	110	94	123
93361	68105	LEAD	4	43	58	74	85
93362	68105	LEAD	4	70	90	94	109
93363	68105	LEAD	4	57	68	84	92
93364	68105	LEAD	4	49	57	78	84
93365	68105	LEAD	4	38	51	70	79
93366	68105	LEAD	4	58	84	85	104
93367	68105	LEAD	4	50	68	79	92

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
93368	68105	LEAD	4	45	57	75	84
93373	68105	LEAD	4	341	490	294	404
93378	68105	LEAD	5	90	123	109	133
93379	68105	LEAD	4	78	89	99	108
93380	68105	LEAD	4	60	65	86	90
93381	68105	LEAD	4	74	92	97	110
93382	68105	LEAD	4	86	122	106	132
93523	68105	LEAD	4	181	265	176	238
93524	68105	LEAD	4	323	842	281	665
93525	68105	LEAD	4	128	204	137	193
93559	68105	LEAD	4	569	1367	463	1053
49152	68106	LEAD	4	74	97	97	113
49531	68106	LEAD	4	282	641	250	517
49533	68106	LEAD	4	831	1093	657	851
49534	68106	LEAD	4	471	879	391	692
51004	68106	LEAD	4	440	720	368	575
51005	68106	LEAD	4	271	407	242	343
51006	68106	LEAD	5	109	180	123	175
51008	68106	LEAD	4	407	575	343	468
51011	68106	LEAD	5	505	1102	415	858
51012	68106	LEAD	4	151	214	154	201
51013	68106	LEAD	4	477	921	395	724
51014	68106	LEAD	4	204	556	193	453
51015	68106	LEAD	4	620	876	501	690
51016	68106	LEAD	4	667	1345	535	1038
51017	68106	LEAD	4	298	471	263	391
51018	68106	LEAD	4	259	581	234	472
51019	68106	LEAD	4	102	138	117	144
51020	68106	LEAD	4	391	586	331	476
51022	68106	LEAD	4	198	310	189	271
51024	68106	LEAD	4	206	453	194	377
51025	68106	LEAD	4	181	296	176	261
51026	68106	LEAD	4	154	239	156	219
51027	68106	LEAD	4	202	315	192	275
51028	68106	LEAD	4	225	297	208	262
51029	68106	LEAD	4	154	191	156	183
51030	68106	LEAD	4	202	268	191	241
51031	68106	LEAD	4	288	444	255	371
51033	68106	LEAD	4	484	616	400	498
51034	68106	LEAD	4	122	233	133	214
51035	68106	LEAD	4	135	163	142	163
51036	68106	LEAD	4	236	438	216	366
51037	68106	LEAD	4	122	212	132	199
51038	68106	LEAD	4	99	135	115	142
51039	68106	LEAD	4	143	189	147	182

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51040	68106	LEAD	5	195	522	186	428
51041	68106	LEAD	4	111	173	124	170
51043	68106	LEAD	4	77	121	99	132
51045	68106	LEAD	4	307	590	269	479
51046	68106	LEAD	4	72	94	96	112
51047	68106	LEAD	3	240	378	219	322
51048	68106	LEAD	4	156	304	157	267
51049	68106	LEAD	3	200	213	190	200
51050	68106	LEAD	3	128	165	137	164
51052	68106	LEAD	4	252	490	228	405
51053	68106	LEAD	4	202	278	192	248
51054	68106	LEAD	4	138	185	144	179
51056	68106	LEAD	4	135	262	142	236
51057	68106	LEAD	4	269	478	241	396
51058	68106	LEAD	4	188	312	181	273
51059	68106	LEAD	4	70	102	94	117
51061	68106	LEAD	4	258	498	233	410
51062	68106	LEAD	4	116	227	128	210
51064	68106	LEAD	5	159	227	160	210
51065	68106	LEAD	4	162	197	162	187
51066	68106	LEAD	4	161	279	161	249
51067	68106	LEAD	4	153	183	156	178
51068	68106	LEAD	3	217	273	203	244
51069	68106	LEAD	4	136	201	143	191
51070	68106	LEAD	4	253	376	229	320
51071	68106	LEAD	4	328	521	285	428
51072	68106	LEAD	5	110	149	124	152
51073	68106	LEAD	5	281	569	250	463
51074	68106	LEAD	4	161	190	161	182
51075	68106	LEAD	5	215	619	201	500
51076	68106	LEAD	4	174	260	171	234
51077	68106	LEAD	5	85	130	105	138
51078	68106	LEAD	4	110	183	123	178
51079	68106	LEAD	4	183	391	178	331
51080	68106	LEAD	4	180	404	175	341
51082	68106	LEAD	4	245	422	224	354
51083	68106	LEAD	4	229	446	212	372
51084	68106	LEAD	4	45	59	75	85
51085	68106	LEAD	4	101	153	117	155
51086	68106	LEAD	4	234	454	215	378
51087	68106	LEAD	4	110	154	123	156
51088	68106	LEAD	4	262	655	236	527
51089	68106	LEAD	4	128	201	137	191
51090	68106	LEAD	5	207	266	195	239
51091	68106	LEAD	4	192	300	184	264

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51092	68106	LEAD	4	111	244	124	222
51093	68106	LEAD	4	96	124	113	134
51094	68106	LEAD	4	135	300	142	264
51095	68106	LEAD	5	100	132	116	140
51097	68106	LEAD	4	211	447	198	373
51098	68106	LEAD	4	152	263	154	237
51099	68106	LEAD	4	163	304	163	267
51100	68106	LEAD	4	110	153	123	155
51101	68106	LEAD	4	186	297	179	262
51102	68106	LEAD	4	130	198	138	189
51103	68106	LEAD	5	125	169	135	167
51104	68106	LEAD	4	176	233	173	214
51105	68106	LEAD	4	264	370	237	316
51106	68106	LEAD	4	108	143	122	148
51107	68106	LEAD	4	119	140	130	146
51108	68106	LEAD	4	219	544	204	444
51109	68106	LEAD	4	133	187	141	180
51110	68106	LEAD	4	202	323	192	281
51111	68106	LEAD	4	343	885	296	697
51113	68106	LEAD	4	59	76	86	98
51114	68106	LEAD	4	161	284	161	252
51115	68106	LEAD	4	101	125	117	134
51116	68106	LEAD	3	131	238	139	218
51117	68106	LEAD	3	372	814	317	645
51118	68106	LEAD	4	184	304	178	267
51119	68106	LEAD	4	143	256	148	231
51120	68106	LEAD	4	110	175	123	171
51121	68106	LEAD	5	84	158	104	159
51122	68106	LEAD	3	212	282	199	251
51123	68106	LEAD	4	79	105	100	120
51124	68106	LEAD	3	146	160	150	160
51125	68106	LEAD	4	112	165	125	164
51126	68106	LEAD	4	165	279	164	248
51127	68106	LEAD	5	97	121	113	131
51129	68106	LEAD	4	121	197	132	188
51130	68106	LEAD	4	92	153	110	155
51131	68106	LEAD	5	44	104	74	119
51132	68106	LEAD	5	108	148	122	152
51133	68106	LEAD	4	119	180	130	175
51134	68106	LEAD	4	110	135	123	142
51135	68106	LEAD	4	105	214	120	201
51136	68106	LEAD	5	268	689	240	552
51138	68106	LEAD	4	203	365	192	312
51139	68106	LEAD	4	206	283	194	251
51141	68106	LEAD	4	77	105	99	120

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51142	68106	LEAD	4	102	145	117	149
51143	68106	LEAD	4	197	298	188	263
51144	68106	LEAD	4	86	129	106	138
51145	68106	LEAD	4	181	246	176	224
51146	68106	LEAD	3	77	96	99	113
51147	68106	LEAD	4	98	115	115	127
51148	68106	LEAD	4	98	130	114	138
51149	68106	LEAD	4	80	109	101	123
51150	68106	LEAD	5	89	118	108	129
51151	68106	LEAD	4	115	172	127	169
51153	68106	LEAD	4	342	696	295	557
51155	68106	LEAD	4	99	131	115	139
51156	68106	LEAD	4	64	75	90	98
51157	68106	LEAD	4	246	760	224	604
51158	68106	LEAD	4	173	224	170	208
51159	68106	LEAD	5	159	499	159	411
51160	68106	LEAD	4	184	336	178	291
51161	68106	LEAD	4	370	507	316	417
51162	68106	LEAD	4	191	419	184	352
51163	68106	LEAD	4	421	721	354	575
51164	68106	LEAD	3	64	84	89	104
51165	68106	LEAD	3	120	152	131	154
51166	68106	LEAD	5	141	349	147	300
51168	68106	LEAD	4	94	128	112	137
51169	68106	LEAD	5	180	319	175	278
51170	68106	LEAD	4	159	219	160	204
51172	68106	LEAD	4	106	137	121	143
51173	68106	LEAD	4	154	212	156	199
51174	68106	LEAD	5	82	133	102	140
51175	68106	LEAD	4	235	420	216	353
51176	68106	LEAD	4	118	146	129	150
51178	68106	LEAD	5	78	138	100	144
51179	68106	LEAD	4	137	225	144	208
51180	68106	LEAD	4	93	102	111	117
51181	68106	LEAD	4	82	98	103	115
51182	68106	LEAD	5	145	355	150	305
51183	68106	LEAD	4	96	126	113	135
51184	68106	LEAD	5	138	297	144	262
51185	68106	LEAD	4	313	739	274	589
51187	68106	LEAD	4	71	105	95	120
51188	68106	LEAD	4	96	127	113	136
7	68107	LEAD	4	273	445	244	371
21	68107	LEAD	2	98	108	114	122
23	68107	LEAD	4	160	231	161	213
24	68107	LEAD	4	196	422	187	354

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30	68107	LEAD	6	134	197	141	188
31	68107	LEAD	3	239	296	219	261
34	68107	LEAD	4	168	327	167	284
35	68107	LEAD	6	156	504	157	415
36	68107	LEAD	4	312	429	273	360
37	68107	LEAD	4	138	221	144	206
38	68107	LEAD	4	209	389	196	330
40	68107	LEAD	5	280	361	249	309
47	68107	LEAD	5	200	346	190	298
49	68107	LEAD	4	225	293	208	259
56	68107	LEAD	4	339	837	293	662
57	68107	LEAD	6	183	375	177	320
79	68107	LEAD	4	277	401	247	339
81	68107	LEAD	4	236	270	217	241
83	68107	LEAD	4	462	909	384	715
85	68107	LEAD	4	304	412	267	347
87	68107	LEAD	3	197	411	188	346
88	68107	LEAD	4	209	288	196	255
93	68107	LEAD	5	149	232	152	213
99	68107	LEAD	3	112	141	125	147
106	68107	LEAD	5	358	949	307	744
125	68107	LEAD	4	25	36	61	69
174	68107	LEAD	4	221	345	205	297
409	68107	LEAD	4	298	490	262	405
503	68107	LEAD	4	217	453	202	377
506	68107	LEAD	3	75	136	97	143
629	68107	LEAD	4	100	161	116	161
904	68107	LEAD	4	137	206	143	194
924	68107	LEAD	4	961	2473	753	1872
930	68107	LEAD	4	92	114	110	127
994	68107	LEAD	4	104	131	119	139
1013	68107	LEAD	4	311	527	273	432
1057	68107	LEAD	3	323	383	281	325
1072	68107	LEAD	4	723	1508	577	1158
1083	68107	LEAD	4	109	162	122	162
1084	68107	LEAD	4	186	218	180	203
1093	68107	LEAD	4	470	674	390	541
1095	68107	LEAD	4	436	811	365	642
1099	68107	LEAD	4	494	1363	408	1050
1104	68107	LEAD	4	89	122	108	133
1106	68107	LEAD	5	296	565	261	460
1122	68107	LEAD	4	119	176	130	172
1123	68107	LEAD	2	274	377	245	321
1133	68107	LEAD	4	93	121	111	131
1140	68107	LEAD	5	142	257	147	233

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1164	68107	LEAD	4	250	454	227	378
1183	68107	LEAD	4	80	95	102	112
1196	68107	LEAD	3	143	161	148	161
1203	68107	LEAD	3	204	261	193	235
1210	68107	LEAD	5	179	410	175	346
1215	68107	LEAD	4	432	570	362	464
1222	68107	LEAD	4	362	512	310	421
1224	68107	LEAD	4	311	378	272	322
1226	68107	LEAD	3	309	452	270	376
1234	68107	LEAD	4	149	194	153	185
1235	68107	LEAD	4	122	160	133	160
1236	68107	LEAD	4	143	208	148	196
1239	68107	LEAD	4	200	277	190	247
1243	68107	LEAD	2	145	167	149	165
1256	68107	LEAD	4	367	621	314	502
1274	68107	LEAD	2	70	96	94	113
1279	68107	LEAD	3	239	373	218	318
1281	68107	LEAD	4	201	289	191	256
1290	68107	LEAD	5	224	452	207	376
1291	68107	LEAD	3	256	321	231	280
1316	68107	LEAD	4	647	1435	521	1104
1318	68107	LEAD	6	300	693	264	555
1321	68107	LEAD	4	474	1014	393	793
1322	68107	LEAD	4	442	844	369	667
1326	68107	LEAD	4	284	543	252	444
1328	68107	LEAD	4	213	307	199	269
1332	68107	LEAD	4	294	359	259	307
1344	68107	LEAD	4	306	423	269	355
1347	68107	LEAD	4	460	630	383	508
1348	68107	LEAD	4	291	390	258	330
1349	68107	LEAD	5	195	332	186	288
1355	68107	LEAD	4	298	564	262	459
1356	68107	LEAD	4	288	383	255	326
1357	68107	LEAD	3	236	332	216	287
1359	68107	LEAD	4	1255	2280	970	1729
1362	68107	LEAD	4	204	236	193	217
1363	68107	LEAD	4	226	292	209	258
1364	68107	LEAD	5	148	191	152	183
1370	68107	LEAD	3	289	378	256	322
1374	68107	LEAD	3	218	297	204	262
1384	68107	LEAD	2	125	142	135	147
1385	68107	LEAD	3	446	499	372	412
1401	68107	LEAD	4	187	335	181	290
1414	68107	LEAD	3	160	202	161	191
1417	68107	LEAD	5	157	296	158	261

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1455	68107	LEAD	4	53	99	81	116
1463	68107	LEAD	5	42	68	73	93
1465	68107	LEAD	5	31	49	65	78
1467	68107	LEAD	3	23	32	59	66
1470	68107	LEAD	4	418	764	351	607
1475	68107	LEAD	4	736	1544	586	1185
1477	68107	LEAD	4	734	1266	585	979
1478	68107	LEAD	5	854	2328	674	1765
1492	68107	LEAD	3	433	508	362	418
1496	68107	LEAD	5	205	492	194	406
1504	68107	LEAD	4	25	28	60	63
1506	68107	LEAD	4	92	111	110	124
1547	68107	LEAD	4	52	90	80	109
1548	68107	LEAD	4	145	225	150	209
1607	68107	LEAD	4	53	119	81	130
1611	68107	LEAD	4	347	386	299	328
1614	68107	LEAD	3	171	234	168	215
1615	68107	LEAD	3	161	186	161	180
1624	68107	LEAD	4	353	416	304	350
1625	68107	LEAD	3	54	83	82	104
1631	68107	LEAD	4	256	316	232	276
1632	68107	LEAD	3	240	315	220	275
2001	68107	LEAD	1	272	272	244	244
2030	68107	LEAD	5	390	818	331	647
2033	68107	LEAD	4	178	248	173	226
2038	68107	LEAD	4	27	60	62	87
2056	68107	LEAD	4	193	268	185	240
2059	68107	LEAD	3	511	623	420	503
2068	68107	LEAD	4	339	448	293	373
2096	68107	LEAD	4	134	295	141	260
2104	68107	LEAD	5	177	243	173	222
2124	68107	LEAD	5	36	59	68	86
2167	68107	LEAD	4	45	58	76	85
2172	68107	LEAD	4	483	736	399	587
2197	68107	LEAD	5	91	232	110	214
2206	68107	LEAD	4	114	156	126	157
2218	68107	LEAD	4	529	823	433	651
2220	68107	LEAD	5	121	222	131	206
2249	68107	LEAD	5	245	373	223	318
2252	68107	LEAD	4	94	135	111	142
2259	68107	LEAD	4	56	79	83	100
2273	68107	LEAD	5	144	200	148	190
2292	68107	LEAD	4	59	80	86	102
2293	68107	LEAD	4	244	342	222	295
2303	68107	LEAD	3	376	415	320	349

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
2330	68107	LEAD	4	136	151	143	154
2350	68107	LEAD	6	182	542	177	443
2376	68107	LEAD	5	218	348	203	299
2377	68107	LEAD	5	84	133	104	140
2384	68107	LEAD	4	184	264	178	238
2410	68107	LEAD	5	265	420	238	353
2444	68107	LEAD	5	314	539	275	441
2477	68107	LEAD	5	104	133	119	141
2478	68107	LEAD	6	112	139	125	145
2479	68107	LEAD	4	352	430	302	360
2483	68107	LEAD	4	466	656	387	528
2485	68107	LEAD	4	165	180	164	175
2490	68107	LEAD	4	171	204	169	193
2492	68107	LEAD	4	94	128	111	137
2494	68107	LEAD	4	250	401	227	339
2496	68107	LEAD	4	452	614	377	497
2497	68107	LEAD	5	451	860	376	678
2498	68107	LEAD	4	69	101	93	116
2499	68107	LEAD	4	564	864	459	681
2500	68107	LEAD	5	215	376	201	320
2504	68107	LEAD	4	83	130	104	138
2506	68107	LEAD	4	825	1250	653	967
2509	68107	LEAD	4	300	384	264	326
2510	68107	LEAD	3	230	317	212	277
2512	68107	LEAD	5	300	437	264	365
2513	68107	LEAD	4	371	607	317	491
2514	68107	LEAD	4	155	245	156	224
3003	68107	LEAD	5	70	114	93	126
3004	68107	LEAD	6	160	255	161	231
3021	68107	LEAD	4	282	358	251	307
3047	68107	LEAD	4	332	569	288	463
3074	68107	LEAD	2	144	167	149	165
3083	68107	LEAD	2	260	369	235	315
3121	68107	LEAD	4	95	138	112	144
3157	68107	LEAD	6	174	324	170	282
3188	68107	LEAD	3	122	158	133	159
3194	68107	LEAD	5	74	138	96	144
3210	68107	LEAD	4	374	565	319	460
3223	68107	LEAD	5	334	758	289	603
5005	68107	LEAD	4	125	148	135	151
5010	68107	LEAD	4	166	308	165	270
5064	68107	LEAD	4	206	281	194	250
5065	68107	LEAD	4	241	528	220	433
5066	68107	LEAD	3	254	614	230	497
5067	68107	LEAD	4	243	319	221	278

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5068	68107	LEAD	3	309	340	271	294
5069	68107	LEAD	4	33	43	66	74
5070	68107	LEAD	4	102	138	118	144
5071	68107	LEAD	4	115	181	127	176
5072	68107	LEAD	4	153	182	155	176
5073	68107	LEAD	4	279	554	249	452
5076	68107	LEAD	4	356	675	306	542
5077	68107	LEAD	4	277	374	247	319
5130	68107	LEAD	4	59	91	86	109
5131	68107	LEAD	4	53	63	81	89
5157	68107	LEAD	4	400	920	338	723
5158	68107	LEAD	4	225	315	209	275
5159	68107	LEAD	4	230	370	212	316
5160	68107	LEAD	4	374	603	319	488
5161	68107	LEAD	4	67	88	92	107
5162	68107	LEAD	4	204	321	193	279
5163	68107	LEAD	4	57	76	84	98
5164	68107	LEAD	4	273	726	244	579
5165	68107	LEAD	4	255	389	231	330
5166	68107	LEAD	4	147	299	151	263
5172	68107	LEAD	4	395	481	334	398
5173	68107	LEAD	4	235	351	216	302
5174	68107	LEAD	4	192	267	184	240
5175	68107	LEAD	4	479	553	397	451
5176	68107	LEAD	4	183	403	178	341
5177	68107	LEAD	4	121	169	131	167
5178	68107	LEAD	4	154	191	156	184
5179	68107	LEAD	4	477	943	395	740
5180	68107	LEAD	4	269	489	241	404
5181	68107	LEAD	4	308	520	270	427
5182	68107	LEAD	4	233	256	214	231
5183	68107	LEAD	4	142	217	147	203
5184	68107	LEAD	4	138	192	144	184
5185	68107	LEAD	4	164	207	163	195
5209	68107	LEAD	4	110	148	123	151
5210	68107	LEAD	4	351	643	302	518
5211	68107	LEAD	4	79	119	100	130
5212	68107	LEAD	4	70	97	94	114
5213	68107	LEAD	4	54	86	82	106
5214	68107	LEAD	4	67	90	92	109
10001	68107	LEAD	6	172	204	169	193
10002	68107	LEAD	4	278	419	248	352
10005	68107	LEAD	4	54	65	82	90
10007	68107	LEAD	5	241	415	221	349
10008	68107	LEAD	5	172	246	169	224

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10009	68107	LEAD	4	178	201	173	191
10010	68107	LEAD	4	381	544	324	445
10011	68107	LEAD	4	332	570	288	464
10015	68107	LEAD	4	77	117	99	129
10016	68107	LEAD	4	396	481	335	398
10018	68107	LEAD	4	396	758	335	603
10019	68107	LEAD	3	214	354	200	304
10021	68107	LEAD	5	253	391	229	331
10024	68107	LEAD	4	364	446	311	372
10025	68107	LEAD	3	106	148	121	151
10026	68107	LEAD	4	262	337	236	291
10028	68107	LEAD	4	344	576	296	468
10029	68107	LEAD	2	197	209	188	196
10030	68107	LEAD	4	380	792	323	628
10032	68107	LEAD	4	100	165	116	164
10033	68107	LEAD	3	195	313	187	274
10034	68107	LEAD	4	308	404	270	341
10035	68107	LEAD	4	635	916	512	720
10036	68107	LEAD	5	420	666	353	535
10038	68107	LEAD	6	268	401	241	339
10039	68107	LEAD	4	342	899	295	708
10040	68107	LEAD	4	211	353	198	303
10041	68107	LEAD	4	310	649	271	522
10042	68107	LEAD	4	340	799	293	633
10043	68107	LEAD	3	144	202	148	191
10044	68107	LEAD	5	183	355	177	304
10045	68107	LEAD	5	525	634	430	511
10046	68107	LEAD	4	248	298	226	263
10048	68107	LEAD	4	298	388	262	329
10049	68107	LEAD	4	264	452	237	376
10052	68107	LEAD	6	266	362	239	310
10053	68107	LEAD	4	224	325	208	282
10054	68107	LEAD	4	351	532	301	436
10055	68107	LEAD	5	255	373	231	318
10057	68107	LEAD	4	491	1222	405	946
10059	68107	LEAD	4	135	183	142	177
10062	68107	LEAD	5	258	706	233	564
10063	68107	LEAD	4	137	182	144	177
10064	68107	LEAD	4	170	251	168	228
10066	68107	LEAD	3	357	549	306	449
10067	68107	LEAD	4	278	314	248	274
10068	68107	LEAD	2	347	425	299	356
10069	68107	LEAD	6	269	407	241	343
10070	68107	LEAD	4	205	256	194	231
10071	68107	LEAD	6	194	286	185	253

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10072	68107	LEAD	6	240	387	219	328
10073	68107	LEAD	4	348	742	299	591
10074	68107	LEAD	4	221	337	205	292
10075	68107	LEAD	5	228	415	210	349
10076	68107	LEAD	4	234	296	215	261
10077	68107	LEAD	2	333	343	289	296
10078	68107	LEAD	4	62	66	88	91
10079	68107	LEAD	5	183	281	178	250
10083	68107	LEAD	4	313	437	274	365
10087	68107	LEAD	4	323	385	281	327
10088	68107	LEAD	4	96	120	113	131
10089	68107	LEAD	4	335	602	290	487
10090	68107	LEAD	4	258	298	233	262
10091	68107	LEAD	4	236	334	217	289
10093	68107	LEAD	4	319	523	278	429
10094	68107	LEAD	4	256	305	231	268
10095	68107	LEAD	5	189	266	182	239
10096	68107	LEAD	4	369	737	315	587
10097	68107	LEAD	3	333	343	289	296
10098	68107	LEAD	5	109	142	122	147
10099	68107	LEAD	2	383	387	326	328
10100	68107	LEAD	3	224	274	208	245
10101	68107	LEAD	4	271	311	243	272
10102	68107	LEAD	3	674	948	541	744
10103	68107	LEAD	4	634	922	511	724
10104	68107	LEAD	4	560	688	457	551
10105	68107	LEAD	3	428	500	359	412
10107	68107	LEAD	5	141	205	146	193
10108	68107	LEAD	4	155	211	157	198
10109	68107	LEAD	4	280	741	249	590
10110	68107	LEAD	5	199	294	189	260
10111	68107	LEAD	4	247	303	225	266
10112	68107	LEAD	5	82	139	103	145
10114	68107	LEAD	5	322	453	280	377
10115	68107	LEAD	6	92	155	110	156
10116	68107	LEAD	5	553	771	451	613
10117	68107	LEAD	5	386	818	327	647
10118	68107	LEAD	4	376	526	320	431
10119	68107	LEAD	4	282	488	250	403
10120	68107	LEAD	5	138	198	144	188
10122	68107	LEAD	4	68	82	92	103
10123	68107	LEAD	5	108	150	122	153
10126	68107	LEAD	4	388	476	329	394
10127	68107	LEAD	5	284	444	252	370
10128	68107	LEAD	6	53	74	81	97

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10130	68107	LEAD	4	454	746	378	594
10131	68107	LEAD	5	327	703	284	562
10133	68107	LEAD	1	695	695	556	556
10134	68107	LEAD	6	48	66	78	91
10135	68107	LEAD	4	96	154	113	156
10137	68107	LEAD	5	104	134	119	141
10138	68107	LEAD	5	84	150	104	153
10140	68107	LEAD	4	153	212	155	199
10141	68107	LEAD	4	112	187	125	180
10143	68107	LEAD	4	73	98	96	115
10144	68107	LEAD	4	323	689	281	552
10146	68107	LEAD	4	319	657	278	528
10148	68107	LEAD	3	378	548	322	448
10149	68107	LEAD	4	361	656	309	527
10150	68107	LEAD	4	208	239	196	219
10151	68107	LEAD	4	86	97	106	113
10154	68107	LEAD	4	119	148	130	152
10155	68107	LEAD	4	253	328	229	285
10158	68107	LEAD	5	504	876	415	690
10159	68107	LEAD	4	284	665	252	534
10160	68107	LEAD	3	265	489	238	404
10162	68107	LEAD	4	63	68	89	92
10163	68107	LEAD	3	292	346	258	298
10164	68107	LEAD	4	302	501	266	412
10165	68107	LEAD	5	141	185	146	179
10166	68107	LEAD	5	225	359	209	307
10167	68107	LEAD	5	341	678	294	544
10169	68107	LEAD	4	171	307	168	269
10171	68107	LEAD	4	142	264	147	238
10172	68107	LEAD	4	530	552	434	451
10173	68107	LEAD	4	296	392	261	332
10175	68107	LEAD	4	238	428	218	359
10177	68107	LEAD	5	166	317	165	277
10178	68107	LEAD	4	242	356	221	306
10179	68107	LEAD	4	336	656	290	528
10180	68107	LEAD	4	137	158	144	159
10181	68107	LEAD	5	127	150	136	153
10182	68107	LEAD	4	294	372	260	317
10183	68107	LEAD	4	358	614	307	496
10184	68107	LEAD	4	328	447	284	373
10192	68107	LEAD	4	146	275	150	245
10194	68107	LEAD	4	242	425	221	357
10195	68107	LEAD	4	358	450	307	375
10196	68107	LEAD	4	504	844	415	666
10197	68107	LEAD	4	317	417	277	351

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10200	68107	LEAD	4	167	206	165	194
10201	68107	LEAD	5	291	501	257	413
10202	68107	LEAD	4	90	147	109	150
10203	68107	LEAD	5	273	596	244	483
10204	68107	LEAD	3	420	645	353	520
10205	68107	LEAD	4	530	611	434	494
10206	68107	LEAD	3	203	254	192	230
10208	68107	LEAD	5	105	135	120	142
10209	68107	LEAD	4	157	308	159	270
10211	68107	LEAD	5	204	252	193	229
10212	68107	LEAD	4	423	539	355	441
10213	68107	LEAD	4	117	141	128	146
10214	68107	LEAD	5	228	329	211	286
10215	68107	LEAD	6	231	297	213	262
10216	68107	LEAD	5	374	810	318	641
10218	68107	LEAD	4	1047	1646	817	1260
10222	68107	LEAD	4	388	504	329	415
10223	68107	LEAD	6	213	747	200	595
10224	68107	LEAD	5	279	369	249	315
10225	68107	LEAD	4	161	234	161	215
10226	68107	LEAD	4	112	144	125	148
10227	68107	LEAD	4	812	1150	643	893
10228	68107	LEAD	4	474	651	393	524
10229	68107	LEAD	5	165	246	164	224
10230	68107	LEAD	4	194	371	186	317
10231	68107	LEAD	4	366	519	313	426
10232	68107	LEAD	4	463	736	384	587
10233	68107	LEAD	4	362	751	310	598
10236	68107	LEAD	4	232	386	214	328
10237	68107	LEAD	4	162	246	162	224
10239	68107	LEAD	5	179	245	175	223
10240	68107	LEAD	5	195	214	186	200
10241	68107	LEAD	4	682	847	547	669
10242	68107	LEAD	4	214	426	200	357
10243	68107	LEAD	4	127	204	136	193
10244	68107	LEAD	4	213	300	200	264
10246	68107	LEAD	4	106	138	120	144
10247	68107	LEAD	4	237	364	217	311
10248	68107	LEAD	4	182	303	177	266
10249	68107	LEAD	4	411	664	346	533
10251	68107	LEAD	5	98	186	114	180
10252	68107	LEAD	4	460	934	382	733
10253	68107	LEAD	3	318	361	277	309
10254	68107	LEAD	4	353	752	303	598
10256	68107	LEAD	4	234	332	215	288

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10257	68107	LEAD	5	94	114	112	126
10258	68107	LEAD	6	127	214	136	201
10259	68107	LEAD	4	337	417	291	351
10260	68107	LEAD	4	311	542	272	443
10261	68107	LEAD	4	72	78	95	99
10262	68107	LEAD	3	376	470	320	389
10263	68107	LEAD	5	168	247	166	225
10264	68107	LEAD	4	226	302	210	266
10265	68107	LEAD	6	543	852	444	672
10266	68107	LEAD	5	178	318	173	278
10269	68107	LEAD	4	424	677	356	543
10272	68107	LEAD	4	283	359	251	308
10273	68107	LEAD	4	366	944	313	740
10274	68107	LEAD	4	185	300	179	264
10275	68107	LEAD	5	97	130	114	138
10276	68107	LEAD	3	215	398	201	337
10277	68107	LEAD	2	572	580	465	471
10279	68107	LEAD	4	466	617	387	499
10280	68107	LEAD	5	153	507	155	417
10281	68107	LEAD	4	209	315	197	275
10283	68107	LEAD	4	395	722	334	576
10286	68107	LEAD	5	394	622	334	502
10288	68107	LEAD	4	258	315	233	275
10289	68107	LEAD	4	144	178	149	173
10290	68107	LEAD	4	275	479	245	397
10291	68107	LEAD	5	375	616	319	498
10293	68107	LEAD	4	318	541	277	442
10294	68107	LEAD	4	184	350	178	301
10295	68107	LEAD	4	379	725	323	578
10296	68107	LEAD	5	186	218	180	203
10297	68107	LEAD	4	110	118	123	129
10298	68107	LEAD	4	185	238	179	218
10299	68107	LEAD	3	299	375	263	319
10300	68107	LEAD	4	122	185	132	179
10301	68107	LEAD	5	304	340	267	294
10302	68107	LEAD	5	312	396	273	335
10303	68107	LEAD	3	1038	1555	810	1193
10304	68107	LEAD	3	126	179	136	174
10305	68107	LEAD	5	500	927	412	728
10306	68107	LEAD	4	90	119	108	130
10308	68107	LEAD	4	748	895	596	704
10309	68107	LEAD	4	383	688	326	551
10310	68107	LEAD	5	531	886	435	697
10311	68107	LEAD	5	245	380	224	324
10313	68107	LEAD	4	594	727	481	580

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10314	68107	LEAD	4	265	316	238	276
10315	68107	LEAD	4	242	341	221	295
10316	68107	LEAD	5	226	359	209	307
10317	68107	LEAD	6	306	442	268	369
10318	68107	LEAD	6	241	410	220	345
10320	68107	LEAD	4	108	248	122	225
10322	68107	LEAD	5	241	396	221	335
10324	68107	LEAD	4	109	146	123	150
10326	68107	LEAD	4	379	500	323	412
10327	68107	LEAD	4	365	492	312	406
10328	68107	LEAD	4	259	657	234	528
10329	68107	LEAD	4	387	679	328	544
10330	68107	LEAD	4	365	545	312	446
10331	68107	LEAD	4	432	738	362	588
10332	68107	LEAD	4	384	806	326	639
10333	68107	LEAD	5	218	392	203	332
10334	68107	LEAD	4	218	371	203	317
10337	68107	LEAD	4	271	364	243	311
10338	68107	LEAD	4	381	533	324	437
10339	68107	LEAD	4	207	341	195	294
10340	68107	LEAD	3	158	223	159	207
10342	68107	LEAD	4	151	214	154	200
10343	68107	LEAD	3	71	78	95	100
10344	68107	LEAD	6	472	916	392	720
10345	68107	LEAD	4	191	284	183	252
10346	68107	LEAD	4	519	697	426	558
10347	68107	LEAD	4	328	556	285	453
10348	68107	LEAD	6	162	285	162	253
10349	68107	LEAD	4	92	127	110	136
10351	68107	LEAD	4	243	310	222	271
10352	68107	LEAD	4	291	338	257	292
10353	68107	LEAD	4	137	237	143	217
10354	68107	LEAD	4	155	227	157	210
10356	68107	LEAD	4	77	174	99	171
10358	68107	LEAD	3	210	323	198	281
10359	68107	LEAD	5	293	411	259	346
10360	68107	LEAD	5	255	303	231	266
10362	68107	LEAD	4	305	573	268	466
10364	68107	LEAD	5	306	507	269	417
10367	68107	LEAD	4	266	315	239	275
10369	68107	LEAD	4	98	154	114	156
10370	68107	LEAD	5	357	528	306	433
10371	68107	LEAD	4	144	368	148	314
10372	68107	LEAD	4	305	627	268	506
10374	68107	LEAD	4	227	482	210	399

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10375	68107	LEAD	4	502	605	413	489
10376	68107	LEAD	4	484	730	400	582
10377	68107	LEAD	5	351	576	302	468
10378	68107	LEAD	6	92	114	110	126
10381	68107	LEAD	5	77	128	99	137
10382	68107	LEAD	6	269	391	241	332
10383	68107	LEAD	4	180	273	175	244
10385	68107	LEAD	4	110	156	124	157
10386	68107	LEAD	4	138	180	144	175
10387	68107	LEAD	6	49	81	78	102
10388	68107	LEAD	4	132	192	140	184
10389	68107	LEAD	5	203	549	192	448
10390	68107	LEAD	3	163	211	163	198
10392	68107	LEAD	4	410	486	346	402
10394	68107	LEAD	4	98	157	115	158
10395	68107	LEAD	4	282	381	250	324
10396	68107	LEAD	4	235	275	216	246
10397	68107	LEAD	4	121	144	132	148
10398	68107	LEAD	4	311	382	272	325
10401	68107	LEAD	4	125	147	135	151
10402	68107	LEAD	5	138	224	144	208
10403	68107	LEAD	4	177	394	173	334
10404	68107	LEAD	5	78	137	100	144
10405	68107	LEAD	4	114	175	126	171
10407	68107	LEAD	4	284	349	252	300
10408	68107	LEAD	4	230	429	212	359
10409	68107	LEAD	4	378	513	322	421
10410	68107	LEAD	5	453	594	377	481
10412	68107	LEAD	4	348	943	300	740
10413	68107	LEAD	3	190	364	182	311
10414	68107	LEAD	4	448	1011	374	790
10415	68107	LEAD	5	157	209	158	197
10416	68107	LEAD	4	241	354	221	304
10417	68107	LEAD	5	312	594	273	482
10418	68107	LEAD	3	188	233	181	214
10419	68107	LEAD	4	136	239	143	219
10420	68107	LEAD	4	226	461	210	383
10421	68107	LEAD	4	174	282	171	250
10422	68107	LEAD	5	126	205	135	193
10425	68107	LEAD	3	131	172	139	170
10427	68107	LEAD	4	355	477	305	395
10428	68107	LEAD	3	207	341	195	294
10429	68107	LEAD	4	168	244	166	222
10430	68107	LEAD	5	362	792	310	628
10431	68107	LEAD	4	149	275	153	245

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10432	68107	LEAD	4	157	233	158	214
10433	68107	LEAD	4	321	587	279	477
10434	68107	LEAD	5	455	626	379	505
10435	68107	LEAD	5	256	407	232	343
10436	68107	LEAD	4	341	479	294	396
10437	68107	LEAD	5	89	126	108	135
10438	68107	LEAD	3	98	153	115	155
10439	68107	LEAD	4	113	151	126	154
10440	68107	LEAD	4	209	306	197	268
10441	68107	LEAD	4	204	401	193	339
10443	68107	LEAD	5	115	367	127	313
10444	68107	LEAD	4	219	288	204	255
10445	68107	LEAD	5	204	249	193	226
10447	68107	LEAD	4	225	290	208	257
10449	68107	LEAD	4	229	447	211	373
10450	68107	LEAD	4	243	569	222	463
10451	68107	LEAD	4	126	182	135	177
10452	68107	LEAD	3	951	2119	745	1610
10453	68107	LEAD	4	139	201	145	190
10454	68107	LEAD	4	140	189	146	182
10455	68107	LEAD	4	143	155	147	157
10456	68107	LEAD	4	265	378	238	321
10457	68107	LEAD	6	219	425	204	357
10458	68107	LEAD	4	156	274	157	245
10459	68107	LEAD	4	266	413	239	348
10460	68107	LEAD	4	304	503	267	414
10461	68107	LEAD	5	218	327	203	284
10462	68107	LEAD	5	182	276	177	247
10463	68107	LEAD	4	556	863	454	680
10464	68107	LEAD	4	227	395	210	335
10466	68107	LEAD	4	295	469	261	389
10467	68107	LEAD	5	320	453	279	377
10468	68107	LEAD	4	362	848	310	670
10469	68107	LEAD	4	128	224	137	208
10470	68107	LEAD	5	171	284	169	252
10471	68107	LEAD	3	471	541	390	442
10472	68107	LEAD	3	139	160	145	161
10473	68107	LEAD	4	122	176	132	172
10474	68107	LEAD	4	499	597	411	484
10475	68107	LEAD	4	171	248	169	225
10478	68107	LEAD	3	252	519	228	426
10480	68107	LEAD	5	111	176	124	172
10481	68107	LEAD	4	74	97	96	113
10483	68107	LEAD	4	154	305	156	268
10484	68107	LEAD	5	311	578	272	470

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10485	68107	LEAD	4	89	108	108	122
10486	68107	LEAD	4	243	361	222	309
10487	68107	LEAD	4	94	123	112	133
10488	68107	LEAD	4	131	268	139	240
10489	68107	LEAD	4	433	602	363	487
10490	68107	LEAD	5	349	717	300	573
10491	68107	LEAD	5	144	167	149	166
10492	68107	LEAD	4	216	334	202	289
10494	68107	LEAD	4	369	448	315	373
10495	68107	LEAD	4	192	382	184	324
10496	68107	LEAD	4	215	322	201	280
10497	68107	LEAD	3	298	372	263	317
10499	68107	LEAD	5	336	475	291	394
10500	68107	LEAD	4	502	621	414	502
10501	68107	LEAD	4	410	470	345	390
10503	68107	LEAD	1	438	438	366	366
10504	68107	LEAD	5	81	101	102	117
10505	68107	LEAD	4	492	946	406	742
10506	68107	LEAD	4	65	131	90	139
10508	68107	LEAD	4	336	420	291	353
10510	68107	LEAD	5	105	204	120	193
10511	68107	LEAD	5	439	651	367	524
10512	68107	LEAD	5	66	94	91	112
10513	68107	LEAD	4	147	179	151	174
10515	68107	LEAD	4	87	112	106	125
10516	68107	LEAD	4	324	541	282	442
10518	68107	LEAD	5	153	418	155	351
10519	68107	LEAD	4	170	353	167	303
10520	68107	LEAD	5	271	576	242	468
10521	68107	LEAD	4	53	82	81	103
10522	68107	LEAD	5	203	226	193	209
10523	68107	LEAD	3	146	209	150	197
10524	68107	LEAD	4	160	325	161	282
10525	68107	LEAD	4	230	308	212	270
10526	68107	LEAD	5	271	421	243	354
10527	68107	LEAD	5	161	261	161	235
10528	68107	LEAD	4	582	662	473	532
10529	68107	LEAD	4	259	362	234	310
10530	68107	LEAD	4	211	319	198	278
10531	68107	LEAD	4	259	313	233	274
10532	68107	LEAD	4	154	254	156	230
10533	68107	LEAD	4	121	254	131	230
10534	68107	LEAD	4	273	369	244	315
10535	68107	LEAD	4	200	232	190	214
10536	68107	LEAD	4	297	573	262	466

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10537	68107	LEAD	4	80	89	101	108
10538	68107	LEAD	3	346	406	298	342
10539	68107	LEAD	5	274	399	245	337
10540	68107	LEAD	2	225	416	208	349
10542	68107	LEAD	5	115	161	127	161
10543	68107	LEAD	5	286	626	253	505
10544	68107	LEAD	3	162	206	162	194
10545	68107	LEAD	4	127	178	136	174
10546	68107	LEAD	5	77	102	99	118
10547	68107	LEAD	5	184	299	178	263
10548	68107	LEAD	4	153	244	155	223
10550	68107	LEAD	4	143	214	148	200
10552	68107	LEAD	3	204	254	193	230
10555	68107	LEAD	4	140	164	145	163
10556	68107	LEAD	4	273	632	244	509
10557	68107	LEAD	4	379	486	323	402
10558	68107	LEAD	5	324	403	281	340
10561	68107	LEAD	5	123	146	133	150
10562	68107	LEAD	4	1042	3254	813	2450
10563	68107	LEAD	4	235	533	216	437
10564	68107	LEAD	4	358	435	307	364
10566	68107	LEAD	4	341	538	294	440
10567	68107	LEAD	4	256	606	232	490
10568	68107	LEAD	4	157	231	158	213
10569	68107	LEAD	4	266	472	239	391
10570	68107	LEAD	4	357	545	306	446
10571	68107	LEAD	4	197	284	188	252
10572	68107	LEAD	4	287	445	254	371
10573	68107	LEAD	4	138	281	144	250
10574	68107	LEAD	4	112	159	125	160
10575	68107	LEAD	5	130	305	138	267
10576	68107	LEAD	4	116	231	128	213
10577	68107	LEAD	4	374	479	319	396
10578	68107	LEAD	4	297	478	262	396
10579	68107	LEAD	5	138	186	144	180
10580	68107	LEAD	4	437	636	365	513
10581	68107	LEAD	3	323	432	281	362
10582	68107	LEAD	4	601	920	487	723
10583	68107	LEAD	6	408	557	344	454
10584	68107	LEAD	2	136	165	143	164
10585	68107	LEAD	4	83	132	103	139
10587	68107	LEAD	4	125	188	134	181
10588	68107	LEAD	4	308	539	270	441
10589	68107	LEAD	4	192	277	184	247
10591	68107	LEAD	4	391	746	331	594

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10592	68107	LEAD	5	263	556	236	453
10597	68107	LEAD	4	880	2281	693	1730
10598	68107	LEAD	6	148	189	152	182
10599	68107	LEAD	4	207	366	195	313
10600	68107	LEAD	4	240	320	220	278
10601	68107	LEAD	4	234	381	215	324
10604	68107	LEAD	4	276	333	247	288
10607	68107	LEAD	4	435	675	364	541
10608	68107	LEAD	3	203	276	192	246
10609	68107	LEAD	5	249	368	226	314
10610	68107	LEAD	5	330	387	286	328
10611	68107	LEAD	4	210	319	197	278
10612	68107	LEAD	4	120	218	131	203
10613	68107	LEAD	3	94	133	111	140
10614	68107	LEAD	4	253	336	229	290
10615	68107	LEAD	2	64	65	89	90
10616	68107	LEAD	3	122	177	133	173
10617	68107	LEAD	4	127	188	136	181
10618	68107	LEAD	4	96	112	113	125
10619	68107	LEAD	4	203	285	192	253
10620	68107	LEAD	3	98	155	115	156
10622	68107	LEAD	5	168	269	166	241
10623	68107	LEAD	5	80	119	101	130
10624	68107	LEAD	4	292	360	258	309
10627	68107	LEAD	5	96	138	113	144
10628	68107	LEAD	5	235	505	216	415
10630	68107	LEAD	5	60	82	86	103
10631	68107	LEAD	4	141	220	147	205
10633	68107	LEAD	4	85	139	105	145
10634	68107	LEAD	4	96	127	113	136
10636	68107	LEAD	5	196	319	187	278
10637	68107	LEAD	5	153	230	155	212
10638	68107	LEAD	4	108	172	122	169
10639	68107	LEAD	4	172	290	169	257
10640	68107	LEAD	4	54	81	82	102
10642	68107	LEAD	4	57	74	84	97
10643	68107	LEAD	5	306	567	268	462
10644	68107	LEAD	5	135	172	142	169
10645	68107	LEAD	3	228	362	211	310
10646	68107	LEAD	4	86	132	105	140
10647	68107	LEAD	4	142	175	147	171
10648	68107	LEAD	5	346	484	298	400
10649	68107	LEAD	3	209	231	197	213
10650	68107	LEAD	3	349	581	300	472
10651	68107	LEAD	4	264	694	238	556

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10652	68107	LEAD	4	113	143	126	148
10653	68107	LEAD	4	383	619	325	500
10654	68107	LEAD	4	107	136	121	143
10655	68107	LEAD	4	67	137	92	144
10657	68107	LEAD	4	99	127	116	136
10658	68107	LEAD	5	147	326	151	283
10660	68107	LEAD	4	265	331	238	287
10661	68107	LEAD	4	47	63	77	89
10662	68107	LEAD	5	194	243	186	222
10663	68107	LEAD	4	443	600	370	486
10664	68107	LEAD	4	382	573	325	466
10667	68107	LEAD	5	50	65	79	90
10668	68107	LEAD	3	365	475	312	393
10670	68107	LEAD	5	193	265	185	238
10671	68107	LEAD	4	245	638	223	514
10672	68107	LEAD	4	49	70	78	94
10673	68107	LEAD	4	365	707	312	565
10674	68107	LEAD	3	390	418	330	351
10676	68107	LEAD	3	205	236	194	217
10678	68107	LEAD	4	274	371	245	316
10679	68107	LEAD	4	235	324	216	281
10680	68107	LEAD	4	116	151	128	153
10681	68107	LEAD	4	164	197	163	188
10682	68107	LEAD	4	125	139	135	145
10683	68107	LEAD	4	179	209	175	197
10684	68107	LEAD	4	385	882	327	694
10685	68107	LEAD	4	109	151	122	154
10686	68107	LEAD	4	127	162	136	162
10687	68107	LEAD	4	226	657	209	528
10688	68107	LEAD	4	205	324	194	281
10689	68107	LEAD	5	225	384	208	326
10690	68107	LEAD	4	179	199	175	189
10691	68107	LEAD	4	138	188	144	181
10693	68107	LEAD	4	339	418	293	351
10694	68107	LEAD	4	127	176	136	172
10696	68107	LEAD	4	220	359	205	308
10697	68107	LEAD	4	524	873	429	688
10698	68107	LEAD	2	702	748	561	595
10700	68107	LEAD	2	568	774	462	614
10702	68107	LEAD	4	238	286	218	253
10703	68107	LEAD	2	589	875	478	689
10704	68107	LEAD	1	322	322	281	281
10705	68107	LEAD	4	368	511	314	420
10706	68107	LEAD	4	103	123	119	133
10707	68107	LEAD	4	189	205	182	194

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10709	68107	LEAD	6	121	158	132	159
10710	68107	LEAD	4	473	588	392	477
10712	68107	LEAD	4	187	332	181	287
10713	68107	LEAD	4	259	321	234	280
10714	68107	LEAD	4	524	818	430	647
10715	68107	LEAD	5	140	192	145	184
10717	68107	LEAD	4	337	656	291	527
10718	68107	LEAD	5	152	244	154	222
10719	68107	LEAD	4	317	400	276	338
10720	68107	LEAD	3	261	496	235	409
10721	68107	LEAD	4	456	787	380	624
10722	68107	LEAD	5	189	259	182	233
10723	68107	LEAD	5	265	391	238	331
10724	68107	LEAD	4	283	385	252	327
10725	68107	LEAD	4	482	699	399	560
10726	68107	LEAD	2	127	144	136	148
10727	68107	LEAD	4	381	573	324	466
10728	68107	LEAD	4	241	427	220	358
10729	68107	LEAD	5	291	635	257	512
10730	68107	LEAD	4	352	519	302	426
10731	68107	LEAD	5	402	529	340	433
10732	68107	LEAD	4	422	605	354	489
10733	68107	LEAD	4	124	369	134	315
10734	68107	LEAD	4	519	698	426	559
10735	68107	LEAD	4	191	325	184	282
10736	68107	LEAD	4	139	279	145	248
10737	68107	LEAD	4	126	152	135	154
10738	68107	LEAD	4	373	522	318	428
10739	68107	LEAD	5	224	311	208	272
10740	68107	LEAD	5	236	338	217	292
10741	68107	LEAD	4	367	525	314	430
10742	68107	LEAD	4	592	1107	480	861
10743	68107	LEAD	4	471	813	391	643
10744	68107	LEAD	4	227	287	210	255
10745	68107	LEAD	4	342	721	295	576
10746	68107	LEAD	5	186	248	180	226
10747	68107	LEAD	4	91	129	110	138
10748	68107	LEAD	5	163	270	163	242
10750	68107	LEAD	6	237	395	217	334
10752	68107	LEAD	4	110	153	124	155
10754	68107	LEAD	4	165	223	164	207
10755	68107	LEAD	4	466	575	387	467
10756	68107	LEAD	5	125	202	134	191
10758	68107	LEAD	4	56	60	83	87
10760	68107	LEAD	4	411	651	346	524

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10761	68107	LEAD	4	156	213	158	200
10763	68107	LEAD	4	507	758	417	603
10764	68107	LEAD	6	63	101	88	116
10765	68107	LEAD	4	355	560	305	457
10766	68107	LEAD	4	129	155	137	157
10767	68107	LEAD	5	413	589	347	478
10768	68107	LEAD	4	51	66	79	91
10770	68107	LEAD	4	49	71	78	95
10772	68107	LEAD	4	152	223	155	207
10773	68107	LEAD	4	217	323	203	281
10774	68107	LEAD	6	177	227	173	210
10775	68107	LEAD	4	81	119	102	130
10776	68107	LEAD	4	53	63	81	89
10777	68107	LEAD	4	57	94	84	111
10779	68107	LEAD	4	204	367	193	314
10780	68107	LEAD	5	134	177	141	173
10781	68107	LEAD	4	309	444	271	371
10783	68107	LEAD	5	79	110	101	123
10784	68107	LEAD	4	292	443	258	370
10786	68107	LEAD	4	179	275	174	246
10787	68107	LEAD	4	71	82	95	102
10788	68107	LEAD	4	272	404	243	341
10789	68107	LEAD	5	294	518	260	426
10790	68107	LEAD	4	54	66	82	91
10791	68107	LEAD	6	213	280	200	249
10792	68107	LEAD	4	138	207	144	195
10793	68107	LEAD	4	360	550	308	449
10794	68107	LEAD	4	324	789	282	626
10795	68107	LEAD	5	85	106	105	121
10796	68107	LEAD	4	85	121	105	132
10797	68107	LEAD	4	143	250	148	227
10799	68107	LEAD	4	309	480	271	397
10800	68107	LEAD	4	350	660	301	531
10801	68107	LEAD	4	233	354	214	304
10802	68107	LEAD	4	169	277	167	247
10803	68107	LEAD	4	376	588	320	477
10804	68107	LEAD	4	604	999	489	781
10805	68107	LEAD	4	136	159	143	160
10807	68107	LEAD	4	350	894	301	703
10808	68107	LEAD	4	207	266	195	239
10809	68107	LEAD	4	138	246	144	224
10813	68107	LEAD	5	157	296	158	261
10814	68107	LEAD	5	277	485	247	401
10816	68107	LEAD	4	339	557	293	455
10817	68107	LEAD	4	159	294	160	259

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10819	68107	LEAD	4	188	241	181	221
10820	68107	LEAD	3	107	156	121	158
10821	68107	LEAD	5	233	307	214	269
10822	68107	LEAD	4	325	537	282	439
10823	68107	LEAD	4	211	251	198	227
10824	68107	LEAD	4	428	593	359	481
10825	68107	LEAD	4	210	317	198	277
10826	68107	LEAD	5	229	276	211	246
10827	68107	LEAD	3	413	443	348	370
10828	68107	LEAD	4	495	615	408	497
10829	68107	LEAD	4	184	245	178	223
10831	68107	LEAD	4	327	459	284	381
10832	68107	LEAD	4	297	407	262	343
10833	68107	LEAD	5	208	274	196	245
10834	68107	LEAD	4	303	480	267	398
10835	68107	LEAD	4	374	676	319	542
10836	68107	LEAD	5	151	233	153	214
10837	68107	LEAD	5	315	908	275	714
10838	68107	LEAD	4	326	599	283	486
10839	68107	LEAD	4	331	465	287	386
10840	68107	LEAD	4	121	162	132	162
10841	68107	LEAD	4	269	446	241	372
10842	68107	LEAD	4	126	207	135	195
10843	68107	LEAD	4	260	436	234	364
10844	68107	LEAD	5	128	335	137	290
10847	68107	LEAD	4	226	283	209	251
10848	68107	LEAD	4	357	689	306	552
10850	68107	LEAD	5	110	178	124	174
10851	68107	LEAD	4	461	819	383	648
10854	68107	LEAD	4	188	378	181	322
10855	68107	LEAD	4	302	337	266	292
10856	68107	LEAD	4	356	472	306	392
10857	68107	LEAD	5	280	340	249	294
10858	68107	LEAD	5	307	736	269	586
10859	68107	LEAD	4	285	439	253	367
10860	68107	LEAD	4	150	257	153	232
10861	68107	LEAD	4	302	361	265	309
10862	68107	LEAD	4	29	38	63	70
10863	68107	LEAD	5	218	247	203	224
10864	68107	LEAD	5	520	913	427	717
10866	68107	LEAD	4	81	98	102	115
10867	68107	LEAD	4	172	257	169	232
10868	68107	LEAD	4	84	146	104	150
10870	68107	LEAD	4	339	404	293	341
10871	68107	LEAD	3	368	532	314	436

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10873	68107	LEAD	4	328	366	285	313
10874	68107	LEAD	3	146	163	150	162
10875	68107	LEAD	4	365	920	312	723
10876	68107	LEAD	4	137	171	143	169
10877	68107	LEAD	4	124	163	134	163
10880	68107	LEAD	4	91	221	109	205
10881	68107	LEAD	3	325	465	282	386
10882	68107	LEAD	4	287	446	254	372
10883	68107	LEAD	4	486	759	401	604
10884	68107	LEAD	5	54	101	82	117
10885	68107	LEAD	6	282	439	251	367
10886	68107	LEAD	4	84	122	104	132
10887	68107	LEAD	5	44	50	74	79
10889	68107	LEAD	4	62	111	88	124
10890	68107	LEAD	4	143	200	148	190
10891	68107	LEAD	4	156	324	157	282
10892	68107	LEAD	5	329	454	286	378
10894	68107	LEAD	4	286	514	254	422
10895	68107	LEAD	3	46	62	76	88
10896	68107	LEAD	5	101	155	117	157
10897	68107	LEAD	4	319	588	278	477
10898	68107	LEAD	5	99	143	115	148
10899	68107	LEAD	4	157	228	159	211
10902	68107	LEAD	4	345	439	297	367
10903	68107	LEAD	5	299	439	263	367
10905	68107	LEAD	4	169	305	167	267
10907	68107	LEAD	4	38	40	70	72
10908	68107	LEAD	5	134	260	141	234
10909	68107	LEAD	5	278	552	248	451
10910	68107	LEAD	5	44	63	74	88
10912	68107	LEAD	4	287	368	254	314
10913	68107	LEAD	4	150	239	153	219
10914	68107	LEAD	3	217	232	203	214
10915	68107	LEAD	4	125	176	135	172
10916	68107	LEAD	4	296	438	261	366
10918	68107	LEAD	3	148	205	152	194
10919	68107	LEAD	4	89	138	108	144
10920	68107	LEAD	5	178	219	173	204
10921	68107	LEAD	5	422	607	355	491
10923	68107	LEAD	4	68	97	92	114
10924	68107	LEAD	5	163	197	162	188
10925	68107	LEAD	4	102	163	118	163
10926	68107	LEAD	4	99	121	115	132
10927	68107	LEAD	4	284	404	252	341
10928	68107	LEAD	4	311	491	272	405

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10931	68107	LEAD	6	92	102	110	117
10932	68107	LEAD	2	125	227	135	210
10933	68107	LEAD	5	189	264	182	237
10934	68107	LEAD	5	168	218	166	203
10935	68107	LEAD	4	255	339	231	293
10937	68107	LEAD	4	69	83	93	104
10938	68107	LEAD	4	302	570	266	464
10941	68107	LEAD	5	211	305	198	268
10943	68107	LEAD	5	142	286	147	253
10944	68107	LEAD	4	209	232	196	213
10945	68107	LEAD	4	136	165	142	164
10947	68107	LEAD	4	401	586	339	476
10948	68107	LEAD	4	518	688	425	551
10949	68107	LEAD	5	143	373	147	318
10950	68107	LEAD	5	169	235	167	216
10951	68107	LEAD	4	105	109	120	122
10952	68107	LEAD	4	139	273	145	244
10953	68107	LEAD	4	50	62	79	88
10955	68107	LEAD	4	261	604	235	489
10956	68107	LEAD	5	157	270	158	242
10961	68107	LEAD	4	375	886	319	697
10962	68107	LEAD	4	509	681	418	546
10964	68107	LEAD	3	101	131	117	139
10965	68107	LEAD	2	270	410	242	345
10967	68107	LEAD	4	388	445	329	372
10968	68107	LEAD	6	358	480	307	397
10970	68107	LEAD	5	224	302	208	266
10972	68107	LEAD	4	247	521	225	427
10973	68107	LEAD	4	388	622	329	502
10974	68107	LEAD	4	127	220	136	205
10975	68107	LEAD	4	193	486	185	402
10977	68107	LEAD	5	260	413	234	348
10978	68107	LEAD	4	213	325	200	282
10979	68107	LEAD	4	404	690	341	552
10982	68107	LEAD	4	383	898	325	707
10985	68107	LEAD	5	241	337	220	292
10986	68107	LEAD	4	468	745	388	593
10988	68107	LEAD	4	172	333	169	289
10989	68107	LEAD	5	174	274	171	244
10990	68107	LEAD	4	102	108	117	122
10991	68107	LEAD	4	108	143	122	148
10992	68107	LEAD	4	265	364	238	312
10994	68107	LEAD	5	105	135	120	142
10995	68107	LEAD	4	494	949	407	745
10997	68107	LEAD	4	470	679	389	544

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
10998	68107	LEAD	4	169	324	167	282
10999	68107	LEAD	4	173	412	170	347
11000	68107	LEAD	5	171	387	168	329
11002	68107	LEAD	5	66	114	91	126
11003	68107	LEAD	4	151	259	154	233
11004	68107	LEAD	4	242	282	221	250
11005	68107	LEAD	3	752	839	598	663
11006	68107	LEAD	4	428	964	359	756
11008	68107	LEAD	4	193	284	185	252
11009	68107	LEAD	4	169	205	167	194
11010	68107	LEAD	4	194	241	186	221
11011	68107	LEAD	4	61	73	87	96
11012	68107	LEAD	4	162	245	162	223
11013	68107	LEAD	4	475	648	394	521
11014	68107	LEAD	5	42	50	73	79
11016	68107	LEAD	5	436	663	365	532
11017	68107	LEAD	5	110	226	123	209
11020	68107	LEAD	3	159	197	159	188
11021	68107	LEAD	6	248	307	226	269
11022	68107	LEAD	4	556	797	454	632
11023	68107	LEAD	5	49	83	78	104
11024	68107	LEAD	4	175	264	172	237
11025	68107	LEAD	5	223	351	207	301
11026	68107	LEAD	4	130	195	138	186
11029	68107	LEAD	5	200	396	190	335
11030	68107	LEAD	4	100	139	116	145
11031	68107	LEAD	4	338	506	292	417
11033	68107	LEAD	4	76	117	98	129
11034	68107	LEAD	4	347	489	299	404
11035	68107	LEAD	5	298	508	263	418
11036	68107	LEAD	4	438	717	366	572
11037	68107	LEAD	5	102	153	117	155
11038	68107	LEAD	4	317	476	276	394
11039	68107	LEAD	3	83	95	104	113
11040	68107	LEAD	4	140	220	146	205
11041	68107	LEAD	4	131	175	139	172
11042	68107	LEAD	5	269	567	241	462
11043	68107	LEAD	5	222	287	206	254
11044	68107	LEAD	2	65	69	90	93
11045	68107	LEAD	4	164	344	164	297
11046	68107	LEAD	5	144	200	149	190
11047	68107	LEAD	5	98	155	114	157
11048	68107	LEAD	4	240	344	220	297
11050	68107	LEAD	4	399	598	337	484
11051	68107	LEAD	5	230	339	212	293

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11052	68107	LEAD	5	231	406	213	343
11053	68107	LEAD	4	330	487	286	403
11054	68107	LEAD	4	37	58	69	85
11055	68107	LEAD	4	581	917	472	720
11056	68107	LEAD	4	107	145	121	150
11057	68107	LEAD	4	164	293	163	259
11058	68107	LEAD	3	269	366	241	313
11059	68107	LEAD	2	421	598	353	484
11061	68107	LEAD	4	75	83	97	103
11062	68107	LEAD	5	398	797	337	632
11063	68107	LEAD	4	210	346	198	298
11064	68107	LEAD	4	307	528	269	433
11065	68107	LEAD	4	287	331	254	287
11066	68107	LEAD	3	145	193	149	185
11067	68107	LEAD	4	37	39	69	71
11068	68107	LEAD	4	334	849	289	670
11069	68107	LEAD	4	172	203	169	192
11070	68107	LEAD	5	224	474	208	393
11071	68107	LEAD	6	151	267	154	239
11074	68107	LEAD	4	112	137	125	143
11078	68107	LEAD	4	219	478	204	396
11080	68107	LEAD	4	227	313	210	274
11082	68107	LEAD	4	95	123	112	133
11083	68107	LEAD	4	143	271	148	242
11084	68107	LEAD	5	92	141	110	146
11085	68107	LEAD	4	421	534	354	437
11086	68107	LEAD	4	329	720	285	575
11087	68107	LEAD	4	180	215	175	201
11088	68107	LEAD	5	303	660	266	531
11089	68107	LEAD	4	115	125	127	135
11090	68107	LEAD	5	251	320	228	279
11091	68107	LEAD	5	107	149	121	153
11092	68107	LEAD	4	224	276	208	246
11094	68107	LEAD	5	176	250	172	227
11095	68107	LEAD	4	40	43	71	74
11096	68107	LEAD	4	409	628	345	507
11097	68107	LEAD	4	214	329	200	286
11098	68107	LEAD	5	211	404	198	341
11100	68107	LEAD	4	228	308	211	270
11101	68107	LEAD	5	211	360	198	308
11103	68107	LEAD	4	84	112	104	125
11104	68107	LEAD	4	60	152	86	154
11105	68107	LEAD	4	315	500	275	412
11106	68107	LEAD	5	79	126	100	135
11107	68107	LEAD	4	328	375	285	319

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11110	68107	LEAD	5	392	813	332	643
11112	68107	LEAD	4	42	49	73	79
11113	68107	LEAD	5	205	274	193	244
11114	68107	LEAD	4	71	147	95	151
11115	68107	LEAD	4	209	276	197	246
11116	68107	LEAD	4	182	296	177	261
11118	68107	LEAD	5	289	655	256	527
11119	68107	LEAD	2	318	375	277	320
11120	68107	LEAD	4	182	236	177	217
11122	68107	LEAD	4	228	372	211	318
11123	68107	LEAD	4	212	310	199	272
11125	68107	LEAD	4	46	104	76	119
11126	68107	LEAD	4	239	375	219	320
11128	68107	LEAD	4	134	194	142	186
11129	68107	LEAD	4	188	274	181	245
11130	68107	LEAD	3	200	215	190	201
11131	68107	LEAD	4	109	146	123	150
11133	68107	LEAD	3	73	87	96	107
11134	68107	LEAD	4	268	540	241	442
11135	68107	LEAD	4	197	349	188	300
11136	68107	LEAD	3	129	151	137	154
11137	68107	LEAD	5	81	189	102	182
11139	68107	LEAD	5	193	454	185	378
11140	68107	LEAD	5	133	342	141	295
11141	68107	LEAD	4	205	357	194	307
11142	68107	LEAD	5	295	660	260	531
11143	68107	LEAD	4	71	87	94	107
11144	68107	LEAD	3	146	170	150	168
11145	68107	LEAD	4	183	269	177	241
11146	68107	LEAD	5	49	89	78	108
11147	68107	LEAD	4	93	109	110	122
11148	68107	LEAD	2	95	96	112	113
11149	68107	LEAD	4	60	68	86	92
11150	68107	LEAD	4	481	750	398	597
11151	68107	LEAD	4	97	149	114	152
11152	68107	LEAD	5	350	501	301	412
11153	68107	LEAD	5	381	485	324	401
11154	68107	LEAD	4	113	244	126	223
11155	68107	LEAD	4	114	129	126	138
11156	68107	LEAD	5	127	160	136	160
11157	68107	LEAD	5	69	97	93	113
11158	68107	LEAD	5	111	134	124	141
11159	68107	LEAD	5	225	321	209	280
11160	68107	LEAD	4	101	187	117	180
11162	68107	LEAD	4	296	593	261	481

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11163	68107	LEAD	5	110	132	123	140
11165	68107	LEAD	4	67	90	91	109
11166	68107	LEAD	4	78	83	100	103
11167	68107	LEAD	4	296	453	261	377
11168	68107	LEAD	4	62	99	88	115
11169	68107	LEAD	5	230	375	212	320
11170	68107	LEAD	4	269	289	241	256
11171	68107	LEAD	6	375	753	319	599
11172	68107	LEAD	4	56	75	84	97
11173	68107	LEAD	6	353	755	303	600
11174	68107	LEAD	5	220	479	205	396
11176	68107	LEAD	4	119	158	130	159
11177	68107	LEAD	3	187	323	181	281
11178	68107	LEAD	4	83	104	103	119
11179	68107	LEAD	4	55	71	83	94
11180	68107	LEAD	5	217	371	202	317
11185	68107	LEAD	5	111	226	124	209
11186	68107	LEAD	4	71	80	94	101
11187	68107	LEAD	4	134	163	141	163
11188	68107	LEAD	5	261	500	235	412
11189	68107	LEAD	4	98	139	115	145
11190	68107	LEAD	4	79	98	100	114
11191	68107	LEAD	4	290	488	256	403
11192	68107	LEAD	5	478	775	396	615
11193	68107	LEAD	4	176	235	172	216
11194	68107	LEAD	4	70	97	94	114
11195	68107	LEAD	4	133	180	140	176
11196	68107	LEAD	4	152	264	155	237
11197	68107	LEAD	3	365	545	312	445
11198	68107	LEAD	3	82	99	103	115
11200	68107	LEAD	4	216	307	202	269
11202	68107	LEAD	5	191	304	184	267
11203	68107	LEAD	4	282	329	251	285
11204	68107	LEAD	4	197	266	188	239
11205	68107	LEAD	4	310	611	272	494
11206	68107	LEAD	3	289	519	256	426
11208	68107	LEAD	4	166	342	165	295
11209	68107	LEAD	4	251	383	228	325
11210	68107	LEAD	4	258	461	233	383
11211	68107	LEAD	5	208	464	196	385
11212	68107	LEAD	4	233	461	215	383
11213	68107	LEAD	4	177	312	173	273
11214	68107	LEAD	4	133	209	140	196
11215	68107	LEAD	4	60	63	86	88
11216	68107	LEAD	4	564	942	460	739

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11218	68107	LEAD	5	128	195	137	186
11219	68107	LEAD	4	234	331	215	287
11220	68107	LEAD	4	198	443	188	370
11221	68107	LEAD	4	138	189	144	182
11222	68107	LEAD	3	511	680	420	546
11223	68107	LEAD	5	106	234	120	216
11224	68107	LEAD	6	351	740	302	590
11225	68107	LEAD	4	103	161	118	161
11226	68107	LEAD	5	199	271	189	242
11227	68107	LEAD	4	43	59	74	85
11228	68107	LEAD	3	350	401	301	339
11229	68107	LEAD	4	65	112	90	125
11230	68107	LEAD	4	51	64	80	89
11231	68107	LEAD	5	347	940	299	738
11232	68107	LEAD	3	54	89	82	108
11233	68107	LEAD	3	48	53	78	81
11234	68107	LEAD	5	86	146	106	150
11235	68107	LEAD	4	253	397	229	336
11236	68107	LEAD	4	123	170	133	168
11237	68107	LEAD	4	42	53	73	82
11238	68107	LEAD	4	307	382	269	325
11239	68107	LEAD	4	395	541	334	443
11240	68107	LEAD	3	252	404	229	341
11241	68107	LEAD	4	44	58	74	85
11242	68107	LEAD	4	80	112	101	125
11243	68107	LEAD	5	81	145	102	149
11245	68107	LEAD	4	53	84	81	104
11246	68107	LEAD	4	153	246	155	224
11248	68107	LEAD	5	399	700	337	560
11249	68107	LEAD	4	223	348	207	299
11250	68107	LEAD	4	179	246	175	224
11251	68107	LEAD	4	158	226	159	210
11252	68107	LEAD	5	51	104	79	119
11253	68107	LEAD	4	249	335	226	290
11254	68107	LEAD	3	124	184	134	178
11256	68107	LEAD	4	431	596	361	483
11257	68107	LEAD	4	48	53	77	81
11258	68107	LEAD	3	609	816	493	646
11259	68107	LEAD	4	271	496	242	409
11260	68107	LEAD	4	233	268	215	240
11261	68107	LEAD	4	395	489	334	404
11262	68107	LEAD	6	64	93	90	111
11263	68107	LEAD	5	222	290	206	257
11264	68107	LEAD	4	101	130	117	138
11265	68107	LEAD	3	75	125	98	134

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11267	68107	LEAD	4	268	354	240	304
11268	68107	LEAD	4	92	181	110	176
11269	68107	LEAD	4	193	289	185	256
11270	68107	LEAD	4	109	128	123	137
11272	68107	LEAD	4	163	208	162	196
11273	68107	LEAD	4	39	54	71	82
11274	68107	LEAD	5	104	174	119	171
11275	68107	LEAD	5	199	287	189	254
11276	68107	LEAD	5	82	93	102	111
11277	68107	LEAD	4	431	661	361	531
11278	68107	LEAD	5	229	484	211	400
11279	68107	LEAD	4	341	672	295	539
11282	68107	LEAD	5	163	448	162	374
11283	68107	LEAD	3	65	74	90	96
11285	68107	LEAD	4	454	711	378	568
11286	68107	LEAD	4	164	223	164	207
11287	68107	LEAD	6	69	104	93	119
11288	68107	LEAD	4	126	153	135	155
11289	68107	LEAD	4	332	554	288	452
11291	68107	LEAD	4	340	436	294	364
11292	68107	LEAD	4	270	418	241	351
11293	68107	LEAD	4	266	318	239	277
11294	68107	LEAD	4	132	213	140	200
11296	68107	LEAD	5	197	277	187	247
11297	68107	LEAD	3	193	250	185	227
11298	68107	LEAD	4	259	365	234	312
11299	68107	LEAD	4	117	149	128	152
11300	68107	LEAD	5	156	217	158	202
11301	68107	LEAD	4	236	333	217	289
11302	68107	LEAD	5	319	630	278	508
11303	68107	LEAD	5	122	266	132	239
11305	68107	LEAD	4	344	514	297	423
11306	68107	LEAD	3	403	685	340	549
11308	68107	LEAD	5	154	188	156	181
11309	68107	LEAD	4	264	592	238	480
11310	68107	LEAD	4	75	122	98	133
11311	68107	LEAD	5	365	677	312	543
11312	68107	LEAD	4	128	219	136	204
11313	68107	LEAD	3	142	156	147	158
11314	68107	LEAD	5	502	783	414	621
11315	68107	LEAD	4	225	334	209	289
11316	68107	LEAD	5	330	638	286	514
11317	68107	LEAD	5	170	249	167	226
11318	68107	LEAD	4	68	80	92	101
11319	68107	LEAD	4	213	441	199	368

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11321	68107	LEAD	3	189	196	182	187
11322	68107	LEAD	4	96	132	113	140
11323	68107	LEAD	4	320	961	279	753
11324	68107	LEAD	4	189	307	182	270
11326	68107	LEAD	4	329	398	286	336
11327	68107	LEAD	4	295	368	260	314
11329	68107	LEAD	4	328	502	285	413
11330	68107	LEAD	4	116	140	127	146
11331	68107	LEAD	4	644	824	518	652
11332	68107	LEAD	6	288	528	255	433
11333	68107	LEAD	4	179	261	175	235
11334	68107	LEAD	4	406	719	342	574
11335	68107	LEAD	4	214	255	200	231
11336	68107	LEAD	4	260	310	235	272
11337	68107	LEAD	4	193	249	185	226
11338	68107	LEAD	4	304	446	267	372
11339	68107	LEAD	3	172	228	169	211
11340	68107	LEAD	4	576	900	468	708
11341	68107	LEAD	4	117	210	129	197
11342	68107	LEAD	2	147	187	151	181
11343	68107	LEAD	4	198	257	188	232
11345	68107	LEAD	5	340	797	294	632
11346	68107	LEAD	5	174	245	170	223
11347	68107	LEAD	3	127	194	136	185
11348	68107	LEAD	5	93	133	111	140
11349	68107	LEAD	4	269	341	241	295
11350	68107	LEAD	5	133	189	141	182
11352	68107	LEAD	5	278	476	248	394
11354	68107	LEAD	4	114	151	126	154
11355	68107	LEAD	4	93	121	111	132
11356	68107	LEAD	4	74	98	97	115
11357	68107	LEAD	6	107	147	122	151
11358	68107	LEAD	4	160	261	160	235
11359	68107	LEAD	4	316	380	276	323
11360	68107	LEAD	4	331	519	287	426
11361	68107	LEAD	4	51	62	79	88
11366	68107	LEAD	4	101	120	117	131
11367	68107	LEAD	4	111	119	124	130
11368	68107	LEAD	3	351	509	302	419
11369	68107	LEAD	4	615	833	497	658
11370	68107	LEAD	4	247	301	225	265
11371	68107	LEAD	4	202	283	191	251
11372	68107	LEAD	3	656	960	527	752
11373	68107	LEAD	4	367	519	313	426
11374	68107	LEAD	4	64	117	89	129

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11376	68107	LEAD	4	68	78	92	99
11377	68107	LEAD	3	345	421	297	353
11378	68107	LEAD	1	546	546	446	446
11379	68107	LEAD	4	53	92	82	110
11380	68107	LEAD	3	369	622	315	502
11381	68107	LEAD	4	351	416	302	350
11382	68107	LEAD	4	28	48	63	78
11384	68107	LEAD	5	118	195	129	186
11385	68107	LEAD	4	209	234	197	215
11386	68107	LEAD	5	59	81	86	102
11387	68107	LEAD	4	39	62	71	88
11388	68107	LEAD	4	210	409	197	345
11389	68107	LEAD	4	146	183	150	178
11390	68107	LEAD	4	40	53	72	81
11391	68107	LEAD	4	80	116	101	128
11392	68107	LEAD	4	149	207	152	195
11393	68107	LEAD	4	47	53	77	81
11395	68107	LEAD	4	82	98	103	115
11396	68107	LEAD	6	56	72	84	95
11397	68107	LEAD	4	421	567	354	462
11398	68107	LEAD	5	476	796	394	631
11399	68107	LEAD	4	217	308	203	270
11400	68107	LEAD	5	192	368	184	314
11401	68107	LEAD	5	67	103	92	118
11402	68107	LEAD	4	124	148	134	152
11403	68107	LEAD	4	65	78	90	100
11404	68107	LEAD	4	92	218	110	203
11405	68107	LEAD	4	105	121	120	131
11407	68107	LEAD	4	186	266	180	239
11408	68107	LEAD	4	68	95	92	113
11409	68107	LEAD	4	60	83	86	103
11410	68107	LEAD	5	304	393	267	333
11411	68107	LEAD	4	67	103	92	118
11412	68107	LEAD	5	359	546	308	446
11413	68107	LEAD	5	71	92	95	110
11414	68107	LEAD	4	336	549	290	448
11415	68107	LEAD	4	186	248	179	226
11416	68107	LEAD	4	344	476	297	394
11417	68107	LEAD	5	68	96	92	113
11418	68107	LEAD	5	227	601	210	486
11419	68107	LEAD	4	251	368	228	314
11420	68107	LEAD	4	176	220	172	205
11421	68107	LEAD	5	61	73	87	96
11422	68107	LEAD	4	289	593	256	481
11423	68107	LEAD	4	75	103	98	118

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11424	68107	LEAD	5	129	235	137	216
11425	68107	LEAD	4	269	390	241	331
11426	68107	LEAD	4	187	270	180	242
11427	68107	LEAD	5	261	507	235	417
11428	68107	LEAD	4	226	341	209	295
11429	68107	LEAD	4	549	970	448	760
11430	68107	LEAD	4	148	345	151	297
11431	68107	LEAD	4	123	198	133	189
11433	68107	LEAD	4	66	94	91	111
11434	68107	LEAD	4	39	44	71	75
11435	68107	LEAD	3	201	243	190	222
11436	68107	LEAD	4	290	357	257	307
11437	68107	LEAD	4	222	309	206	270
11438	68107	LEAD	5	46	79	76	101
11439	68107	LEAD	4	151	172	153	169
11440	68107	LEAD	4	154	166	156	165
11441	68107	LEAD	4	172	219	169	204
11442	68107	LEAD	5	203	349	192	300
11443	68107	LEAD	4	329	389	286	330
11444	68107	LEAD	4	369	411	315	346
11445	68107	LEAD	3	258	317	233	277
11446	68107	LEAD	4	303	359	266	308
11447	68107	LEAD	5	223	309	207	271
11448	68107	LEAD	4	190	300	183	264
11449	68107	LEAD	5	172	466	170	387
11450	68107	LEAD	4	75	120	97	131
11451	68107	LEAD	5	118	279	130	249
11452	68107	LEAD	4	79	134	101	141
11453	68107	LEAD	4	169	283	167	252
11455	68107	LEAD	1	112	112	125	125
11456	68107	LEAD	4	299	566	263	461
11457	68107	LEAD	4	110	220	124	205
11458	68107	LEAD	5	414	926	349	727
11460	68107	LEAD	4	79	87	100	107
11461	68107	LEAD	4	407	640	344	516
11462	68107	LEAD	4	139	301	145	265
11463	68107	LEAD	3	348	435	299	364
11464	68107	LEAD	5	178	351	174	302
11465	68107	LEAD	4	520	706	427	565
11468	68107	LEAD	4	106	136	120	143
11469	68107	LEAD	4	341	749	294	597
11471	68107	LEAD	4	237	316	218	276
11472	68107	LEAD	4	237	366	217	313
11473	68107	LEAD	3	43	56	74	83
11474	68107	LEAD	5	150	171	153	169

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11475	68107	LEAD	4	183	272	178	243
11476	68107	LEAD	4	66	87	91	106
11477	68107	LEAD	4	622	816	502	646
11478	68107	LEAD	4	49	59	78	86
11479	68107	LEAD	4	433	610	362	493
11480	68107	LEAD	4	53	82	81	103
11482	68107	LEAD	5	157	254	158	230
11483	68107	LEAD	4	149	239	152	219
11484	68107	LEAD	4	44	49	75	79
11485	68107	LEAD	4	55	74	82	97
11486	68107	LEAD	4	98	124	115	134
11489	68107	LEAD	5	76	98	98	115
11490	68107	LEAD	3	425	602	357	488
11491	68107	LEAD	5	87	114	106	126
11492	68107	LEAD	4	246	434	224	363
11493	68107	LEAD	4	74	106	97	121
11494	68107	LEAD	4	220	405	205	342
11495	68107	LEAD	4	243	316	222	276
11496	68107	LEAD	4	58	87	85	106
11497	68107	LEAD	4	291	331	257	287
11498	68107	LEAD	3	370	579	316	470
11499	68107	LEAD	5	65	91	90	109
11500	68107	LEAD	4	65	87	90	106
11501	68107	LEAD	4	132	212	140	199
11502	68107	LEAD	3	70	83	94	104
11503	68107	LEAD	4	338	822	292	650
11504	68107	LEAD	4	458	613	381	495
11505	68107	LEAD	2	86	106	105	120
11506	68107	LEAD	4	253	491	229	405
11507	68107	LEAD	5	174	276	171	246
11508	68107	LEAD	5	259	328	234	284
11510	68107	LEAD	4	59	64	86	89
11511	68107	LEAD	4	143	194	148	185
11512	68107	LEAD	4	275	431	246	361
11514	68107	LEAD	5	181	303	176	266
11515	68107	LEAD	4	194	253	185	229
11516	68107	LEAD	5	73	127	96	136
11517	68107	LEAD	4	540	808	441	640
11518	68107	LEAD	4	254	386	230	327
11519	68107	LEAD	4	185	247	179	225
11520	68107	LEAD	5	52	88	81	107
11521	68107	LEAD	5	79	137	100	143
11522	68107	LEAD	2	342	393	295	332
11523	68107	LEAD	4	339	628	293	506
11525	68107	LEAD	4	62	75	88	97

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11526	68107	LEAD	4	95	112	112	125
11527	68107	LEAD	4	91	100	109	116
11529	68107	LEAD	4	96	177	113	173
11530	68107	LEAD	4	94	114	111	127
11531	68107	LEAD	4	102	128	118	137
11533	68107	LEAD	4	238	310	218	271
11534	68107	LEAD	4	330	956	286	750
11535	68107	LEAD	4	300	369	264	315
11536	68107	LEAD	4	427	836	358	661
11538	68107	LEAD	4	576	840	468	664
11539	68107	LEAD	4	683	837	547	661
11540	68107	LEAD	3	165	257	164	232
11541	68107	LEAD	4	207	267	196	239
11542	68107	LEAD	4	122	150	133	153
11544	68107	LEAD	2	410	574	346	467
11546	68107	LEAD	4	176	259	172	234
11547	68107	LEAD	5	351	717	302	573
11548	68107	LEAD	3	92	168	110	166
11550	68107	LEAD	5	357	774	306	615
11552	68107	LEAD	3	219	285	204	253
11554	68107	LEAD	4	445	532	371	435
11556	68107	LEAD	4	231	355	213	305
11557	68107	LEAD	6	116	167	128	166
11558	68107	LEAD	4	363	502	310	413
11559	68107	LEAD	4	272	397	243	336
11560	68107	LEAD	4	121	145	131	149
11561	68107	LEAD	4	306	440	268	368
11563	68107	LEAD	4	156	195	157	186
11564	68107	LEAD	4	213	380	200	323
11565	68107	LEAD	4	118	216	129	202
11566	68107	LEAD	4	237	324	217	282
11568	68107	LEAD	4	207	568	195	462
11569	68107	LEAD	6	410	653	346	525
11570	68107	LEAD	6	115	168	127	167
11571	68107	LEAD	5	234	411	215	346
11572	68107	LEAD	4	268	545	240	445
11573	68107	LEAD	6	309	529	270	433
11574	68107	LEAD	4	91	118	109	129
11575	68107	LEAD	5	231	372	213	318
11576	68107	LEAD	5	166	320	164	279
11577	68107	LEAD	3	218	395	203	335
11578	68107	LEAD	4	100	199	116	189
11579	68107	LEAD	4	356	394	306	333
11581	68107	LEAD	4	231	364	213	311
11582	68107	LEAD	4	93	100	111	116

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11583	68107	LEAD	4	283	449	251	374
11584	68107	LEAD	5	329	699	286	559
11585	68107	LEAD	4	134	217	141	203
11586	68107	LEAD	5	104	145	119	149
11587	68107	LEAD	5	70	143	94	148
11588	68107	LEAD	4	45	68	75	92
11589	68107	LEAD	5	234	402	215	340
11590	68107	LEAD	4	359	817	308	647
11591	68107	LEAD	5	299	586	263	476
11592	68107	LEAD	5	130	341	138	294
11593	68107	LEAD	2	123	186	133	180
11594	68107	LEAD	4	358	480	307	397
11596	68107	LEAD	4	154	257	156	233
11597	68107	LEAD	3	270	496	242	409
11598	68107	LEAD	4	225	365	208	312
11599	68107	LEAD	4	152	207	155	195
11600	68107	LEAD	4	454	557	378	454
11601	68107	LEAD	4	490	582	405	473
11602	68107	LEAD	2	68	72	92	95
11603	68107	LEAD	4	165	215	164	201
11604	68107	LEAD	4	161	328	161	284
11605	68107	LEAD	4	131	177	139	173
11606	68107	LEAD	5	522	696	428	557
11607	68107	LEAD	4	332	602	287	487
11608	68107	LEAD	4	573	752	466	598
11609	68107	LEAD	4	100	114	116	127
11610	68107	LEAD	5	234	327	215	284
11611	68107	LEAD	4	65	103	90	119
11613	68107	LEAD	5	80	117	102	128
11614	68107	LEAD	4	328	449	284	374
11615	68107	LEAD	4	237	449	218	374
11616	68107	LEAD	4	59	83	86	103
11619	68107	LEAD	5	144	192	149	184
11620	68107	LEAD	4	120	156	131	157
11621	68107	LEAD	4	65	86	90	105
11622	68107	LEAD	6	76	131	99	139
11623	68107	LEAD	4	376	749	320	596
11625	68107	LEAD	4	122	151	132	154
11626	68107	LEAD	4	58	78	85	99
11627	68107	LEAD	4	247	501	225	413
11628	68107	LEAD	5	131	197	139	188
11629	68107	LEAD	5	59	82	85	103
11630	68107	LEAD	5	133	199	141	189
11632	68107	LEAD	5	117	205	129	194
11633	68107	LEAD	3	308	420	270	353

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11634	68107	LEAD	4	57	70	84	94
11636	68107	LEAD	4	323	554	281	452
11637	68107	LEAD	4	197	313	188	274
11638	68107	LEAD	3	216	287	202	254
11639	68107	LEAD	4	786	1852	624	1412
11640	68107	LEAD	4	250	635	227	512
11641	68107	LEAD	4	177	226	173	210
11642	68107	LEAD	5	151	200	154	190
11643	68107	LEAD	4	223	395	207	334
11644	68107	LEAD	5	188	227	181	210
11645	68107	LEAD	3	30	44	64	75
11646	68107	LEAD	4	136	251	143	227
11647	68107	LEAD	4	313	368	274	314
11648	68107	LEAD	4	110	146	124	150
11649	68107	LEAD	5	225	306	209	269
11651	68107	LEAD	5	230	372	212	317
11652	68107	LEAD	5	68	125	92	134
11653	68107	LEAD	5	199	408	189	344
11655	68107	LEAD	3	63	70	89	94
11658	68107	LEAD	4	80	110	101	124
11659	68107	LEAD	4	105	173	119	170
11660	68107	LEAD	4	839	1308	663	1010
11661	68107	LEAD	5	136	177	142	173
11662	68107	LEAD	3	418	549	351	448
11663	68107	LEAD	6	71	165	95	164
11664	68107	LEAD	4	288	522	255	428
11665	68107	LEAD	4	96	116	113	128
11666	68107	LEAD	3	92	148	110	151
11668	68107	LEAD	4	272	336	243	290
11671	68107	LEAD	4	187	228	180	211
11674	68107	LEAD	6	447	691	373	553
11675	68107	LEAD	4	85	195	105	187
11676	68107	LEAD	5	136	207	143	195
11677	68107	LEAD	5	103	158	118	159
11678	68107	LEAD	4	295	557	260	454
11680	68107	LEAD	4	500	815	412	645
11682	68107	LEAD	4	121	189	132	182
11684	68107	LEAD	4	333	580	289	471
11686	68107	LEAD	5	108	126	122	135
11687	68107	LEAD	4	304	598	267	485
11689	68107	LEAD	5	181	336	176	290
11690	68107	LEAD	4	103	129	118	138
11691	68107	LEAD	5	157	218	158	203
11692	68107	LEAD	4	102	128	117	137
11693	68107	LEAD	4	612	917	495	721

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11695	68107	LEAD	4	214	299	200	263
11696	68107	LEAD	2	439	448	367	374
11697	68107	LEAD	4	342	869	295	685
11698	68107	LEAD	4	568	729	462	581
11699	68107	LEAD	5	398	883	337	696
11700	68107	LEAD	3	359	463	308	385
11701	68107	LEAD	4	218	479	203	396
11703	68107	LEAD	5	223	290	207	257
11705	68107	LEAD	4	69	93	93	111
11706	68107	LEAD	6	183	289	177	256
11707	68107	LEAD	4	263	362	237	310
11708	68107	LEAD	2	341	498	294	410
11709	68107	LEAD	4	287	586	254	476
11710	68107	LEAD	5	77	98	99	115
11711	68107	LEAD	4	273	528	244	433
11712	68107	LEAD	4	154	188	156	181
11713	68107	LEAD	4	95	180	113	175
11714	68107	LEAD	4	297	663	262	532
11716	68107	LEAD	4	197	345	188	297
11717	68107	LEAD	5	375	522	319	428
11718	68107	LEAD	4	527	749	432	597
11719	68107	LEAD	4	315	878	275	692
11720	68107	LEAD	6	250	453	227	378
11721	68107	LEAD	3	430	724	360	578
11722	68107	LEAD	4	240	426	220	358
11723	68107	LEAD	5	244	545	223	445
11724	68107	LEAD	4	108	177	122	173
11725	68107	LEAD	4	300	384	264	326
11726	68107	LEAD	4	86	100	106	116
11728	68107	LEAD	4	136	178	142	174
11729	68107	LEAD	4	299	424	264	356
11730	68107	LEAD	5	363	669	310	537
11731	68107	LEAD	4	200	299	190	263
11732	68107	LEAD	5	160	374	161	319
11734	68107	LEAD	5	217	463	202	385
11737	68107	LEAD	4	186	333	179	288
11738	68107	LEAD	4	364	621	311	501
11739	68107	LEAD	4	136	170	143	168
11740	68107	LEAD	4	542	806	443	639
11741	68107	LEAD	4	227	454	210	378
11744	68107	LEAD	5	212	358	199	307
11745	68107	LEAD	5	72	178	95	174
11746	68107	LEAD	4	1174	1578	911	1210
11747	68107	LEAD	4	104	214	119	200
11748	68107	LEAD	5	152	249	155	226

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11749	68107	LEAD	5	67	173	91	170
11750	68107	LEAD	4	62	68	88	92
11751	68107	LEAD	3	343	478	296	396
11753	68107	LEAD	5	121	249	131	226
11754	68107	LEAD	4	308	468	270	388
11755	68107	LEAD	4	417	821	351	650
11756	68107	LEAD	4	456	664	380	534
11757	68107	LEAD	4	312	755	273	601
11758	68107	LEAD	4	97	138	114	144
11760	68107	LEAD	4	77	88	99	107
11761	68107	LEAD	4	140	218	146	203
11763	68107	LEAD	3	52	59	81	85
11764	68107	LEAD	5	160	200	160	190
11765	68107	LEAD	4	84	113	104	126
11767	68107	LEAD	4	85	125	105	135
11768	68107	LEAD	5	87	163	106	163
11769	68107	LEAD	3	55	79	82	101
11770	68107	LEAD	4	39	71	71	94
11771	68107	LEAD	4	169	246	167	224
11773	68107	LEAD	5	381	584	324	474
11774	68107	LEAD	4	62	96	88	113
11775	68107	LEAD	3	579	661	470	531
11776	68107	LEAD	4	85	125	105	135
11777	68107	LEAD	4	480	857	397	676
11778	68107	LEAD	3	163	225	163	209
11779	68107	LEAD	6	277	567	247	461
11780	68107	LEAD	4	464	962	386	754
11781	68107	LEAD	5	150	251	153	227
11782	68107	LEAD	5	128	155	137	156
11783	68107	LEAD	5	67	88	92	107
11784	68107	LEAD	4	151	210	154	197
11785	68107	LEAD	4	148	188	152	181
11786	68107	LEAD	4	127	162	136	162
11787	68107	LEAD	4	48	73	78	96
11788	68107	LEAD	4	273	425	244	357
11789	68107	LEAD	4	294	444	260	371
11791	68107	LEAD	6	138	241	144	221
11792	68107	LEAD	4	166	205	165	194
11793	68107	LEAD	4	292	508	258	418
11795	68107	LEAD	4	1048	2691	817	2034
11796	68107	LEAD	4	93	167	111	165
11797	68107	LEAD	5	162	258	162	233
11798	68107	LEAD	4	141	302	146	265
11799	68107	LEAD	4	213	415	200	349
11800	68107	LEAD	5	220	307	205	269

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11802	68107	LEAD	5	274	657	245	528
11803	68107	LEAD	4	94	116	111	128
11804	68107	LEAD	4	242	454	221	378
11805	68107	LEAD	4	82	144	103	149
11806	68107	LEAD	4	255	654	231	526
11807	68107	LEAD	5	83	107	104	121
11808	68107	LEAD	5	358	495	307	408
11809	68107	LEAD	4	210	410	197	346
11812	68107	LEAD	5	140	185	145	179
11813	68107	LEAD	4	148	226	152	209
11814	68107	LEAD	4	187	304	180	267
11815	68107	LEAD	5	289	441	256	368
11816	68107	LEAD	4	84	104	104	119
11818	68107	LEAD	5	233	333	215	288
11819	68107	LEAD	4	169	234	167	215
11820	68107	LEAD	5	198	248	188	225
11821	68107	LEAD	5	271	707	243	565
11822	68107	LEAD	4	198	393	189	332
11823	68107	LEAD	4	161	230	161	212
11824	68107	LEAD	4	301	590	265	478
11825	68107	LEAD	4	408	930	344	730
11826	68107	LEAD	3	211	302	198	265
11827	68107	LEAD	4	142	169	147	167
11828	68107	LEAD	4	120	159	131	160
11829	68107	LEAD	4	349	440	301	368
11830	68107	LEAD	4	265	460	238	382
11831	68107	LEAD	3	436	883	365	695
11833	68107	LEAD	4	108	124	122	134
11835	68107	LEAD	3	344	583	297	473
11836	68107	LEAD	2	80	93	101	111
11837	68107	LEAD	4	61	75	87	98
11839	68107	LEAD	4	77	93	99	111
11840	68107	LEAD	5	206	299	194	263
11841	68107	LEAD	5	150	218	153	203
11842	68107	LEAD	4	207	237	195	217
11843	68107	LEAD	4	264	394	237	334
11844	68107	LEAD	5	117	194	129	186
11846	68107	LEAD	4	119	173	130	170
11848	68107	LEAD	4	105	142	120	147
11849	68107	LEAD	2	270	450	242	375
11851	68107	LEAD	4	344	545	296	446
11852	68107	LEAD	5	309	579	270	471
11853	68107	LEAD	4	426	707	357	565
11854	68107	LEAD	5	242	444	221	371
11855	68107	LEAD	5	200	355	190	305

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11856	68107	LEAD	5	365	532	312	436
11858	68107	LEAD	4	331	600	287	486
11859	68107	LEAD	4	181	188	176	181
11861	68107	LEAD	5	192	340	184	294
11862	68107	LEAD	4	114	165	126	164
11865	68107	LEAD	4	112	150	125	153
11867	68107	LEAD	4	97	156	114	157
11868	68107	LEAD	4	77	92	99	110
11869	68107	LEAD	4	385	500	327	412
11871	68107	LEAD	4	369	462	315	384
11872	68107	LEAD	3	104	158	119	159
11875	68107	LEAD	4	220	685	205	549
11876	68107	LEAD	4	463	551	385	449
11877	68107	LEAD	5	153	285	156	253
11880	68107	LEAD	4	93	174	111	171
11882	68107	LEAD	4	487	943	402	740
11884	68107	LEAD	4	299	336	263	290
11886	68107	LEAD	4	611	952	494	746
11887	68107	LEAD	4	893	1737	703	1328
11888	68107	LEAD	4	111	129	124	138
11889	68107	LEAD	4	218	390	203	331
11890	68107	LEAD	4	126	136	135	142
11892	68107	LEAD	4	61	90	87	108
11893	68107	LEAD	4	131	191	139	183
11894	68107	LEAD	4	97	110	114	124
11895	68107	LEAD	4	113	138	126	144
11896	68107	LEAD	3	151	209	154	197
11897	68107	LEAD	4	445	918	371	721
11898	68107	LEAD	4	173	193	170	185
11900	68107	LEAD	3	58	88	85	107
11901	68107	LEAD	4	332	498	288	411
11902	68107	LEAD	3	82	97	103	113
11903	68107	LEAD	4	193	286	185	254
11904	68107	LEAD	4	132	223	140	207
11905	68107	LEAD	4	50	67	79	91
11906	68107	LEAD	4	338	477	292	395
11907	68107	LEAD	4	221	340	206	293
11909	68107	LEAD	4	136	173	143	170
11910	68107	LEAD	4	71	94	95	112
11913	68107	LEAD	5	153	210	155	197
11914	68107	LEAD	5	326	572	283	465
11915	68107	LEAD	4	194	276	185	247
11916	68107	LEAD	4	266	392	239	332
11918	68107	LEAD	5	303	754	266	600
11919	68107	LEAD	5	636	986	513	771

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11920	68107	LEAD	5	208	452	196	377
11921	68107	LEAD	4	284	314	252	274
11922	68107	LEAD	3	273	298	244	262
11923	68107	LEAD	5	156	241	157	220
11924	68107	LEAD	4	94	123	112	133
11925	68107	LEAD	4	217	288	202	255
11926	68107	LEAD	4	189	272	181	243
11927	68107	LEAD	4	260	342	234	295
11928	68107	LEAD	4	276	338	246	292
11929	68107	LEAD	3	142	247	147	225
11930	68107	LEAD	4	159	206	160	194
11931	68107	LEAD	4	160	200	161	190
11932	68107	LEAD	4	130	179	138	174
11935	68107	LEAD	4	76	100	98	116
11936	68107	LEAD	4	170	297	168	262
11937	68107	LEAD	5	260	473	234	392
11939	68107	LEAD	4	110	145	123	149
11941	68107	LEAD	5	424	735	356	586
11945	68107	LEAD	4	295	422	260	354
11946	68107	LEAD	4	95	111	112	124
11947	68107	LEAD	3	470	667	390	536
11948	68107	LEAD	4	431	591	361	479
11949	68107	LEAD	4	240	293	219	259
11950	68107	LEAD	5	317	457	277	380
11951	68107	LEAD	4	134	162	141	162
11952	68107	LEAD	4	161	303	161	266
11953	68107	LEAD	4	109	156	123	158
11955	68107	LEAD	5	517	837	424	661
11956	68107	LEAD	4	199	275	189	246
11957	68107	LEAD	4	480	808	397	640
11958	68107	LEAD	4	143	220	147	205
11959	68107	LEAD	4	207	224	195	208
11960	68107	LEAD	4	323	784	281	622
11961	68107	LEAD	4	273	378	244	322
11962	68107	LEAD	4	515	991	423	776
11964	68107	LEAD	4	128	191	137	183
11965	68107	LEAD	5	326	701	283	560
11966	68107	LEAD	4	255	420	231	353
11967	68107	LEAD	2	121	136	132	143
11968	68107	LEAD	4	343	408	296	344
11969	68107	LEAD	5	207	285	195	253
11970	68107	LEAD	5	151	232	154	213
11971	68107	LEAD	5	248	297	226	262
11973	68107	LEAD	3	131	208	139	196
11975	68107	LEAD	4	282	416	250	350

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
11977	68107	LEAD	4	182	241	177	220
11979	68107	LEAD	5	271	567	242	462
11981	68107	LEAD	2	214	268	200	240
11982	68107	LEAD	2	269	368	241	314
11985	68107	LEAD	4	475	865	393	682
11986	68107	LEAD	4	367	842	314	665
11987	68107	LEAD	4	351	717	301	573
11988	68107	LEAD	4	403	722	340	576
11989	68107	LEAD	4	180	320	175	279
11990	68107	LEAD	4	371	487	316	402
11991	68107	LEAD	4	101	159	117	159
11992	68107	LEAD	4	347	519	299	426
11993	68107	LEAD	5	104	187	119	180
11994	68107	LEAD	4	171	292	168	258
11995	68107	LEAD	5	316	695	276	556
11996	68107	LEAD	4	250	269	227	241
11997	68107	LEAD	2	524	533	430	437
11998	68107	LEAD	4	73	81	96	102
11999	68107	LEAD	4	158	266	159	239
12000	68107	LEAD	4	84	135	104	142
12001	68107	LEAD	5	391	577	331	469
12002	68107	LEAD	4	92	134	110	141
12003	68107	LEAD	4	221	348	206	299
12004	68107	LEAD	4	57	73	84	96
12005	68107	LEAD	4	68	105	92	120
12006	68107	LEAD	4	90	141	109	146
12007	68107	LEAD	4	237	482	217	399
12008	68107	LEAD	4	401	789	339	626
12009	68107	LEAD	4	136	255	143	231
12012	68107	LEAD	4	171	339	169	293
12014	68107	LEAD	5	102	167	117	166
12015	68107	LEAD	4	327	485	284	401
12016	68107	LEAD	3	220	344	205	296
12017	68107	LEAD	4	386	663	328	533
12018	68107	LEAD	4	212	267	199	240
12019	68107	LEAD	4	71	109	95	123
12020	68107	LEAD	4	200	306	190	268
12021	68107	LEAD	4	107	154	121	156
12022	68107	LEAD	4	126	172	135	169
12024	68107	LEAD	4	277	447	247	373
12025	68107	LEAD	4	55	69	83	93
12026	68107	LEAD	5	257	365	232	312
12030	68107	LEAD	4	298	402	263	339
12031	68107	LEAD	4	247	341	224	294
12032	68107	LEAD	5	171	280	168	250

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12034	68107	LEAD	3	169	193	167	185
12035	68107	LEAD	4	71	82	95	103
12036	68107	LEAD	4	509	793	418	629
12037	68107	LEAD	4	237	374	218	319
12038	68107	LEAD	4	341	437	295	365
12039	68107	LEAD	2	312	422	273	354
12041	68107	LEAD	4	299	602	263	488
12042	68107	LEAD	6	278	534	248	437
12043	68107	LEAD	4	169	257	167	232
12044	68107	LEAD	4	113	182	125	176
12047	68107	LEAD	4	70	109	94	122
12048	68107	LEAD	4	583	888	473	699
12049	68107	LEAD	4	130	188	138	181
12050	68107	LEAD	5	68	86	92	106
12051	68107	LEAD	4	180	231	175	213
12052	68107	LEAD	4	134	189	141	182
12053	68107	LEAD	3	505	772	416	613
12054	68107	LEAD	4	244	352	223	303
12055	68107	LEAD	5	40	52	71	80
12056	68107	LEAD	4	251	309	228	271
12057	68107	LEAD	2	243	376	222	320
12058	68107	LEAD	5	71	103	95	118
12059	68107	LEAD	4	219	331	204	287
12060	68107	LEAD	4	253	516	229	424
12061	68107	LEAD	5	128	160	136	160
12062	68107	LEAD	6	105	223	119	207
12063	68107	LEAD	4	141	213	146	200
12064	68107	LEAD	3	59	104	86	119
12067	68107	LEAD	5	125	277	135	247
12068	68107	LEAD	4	527	668	432	536
12069	68107	LEAD	5	67	177	91	173
12071	68107	LEAD	4	543	785	444	623
12074	68107	LEAD	5	46	68	76	93
12075	68107	LEAD	4	186	299	180	263
12076	68107	LEAD	4	86	138	105	144
12077	68107	LEAD	4	553	867	451	683
12078	68107	LEAD	5	120	190	131	183
12079	68107	LEAD	5	84	155	104	157
12080	68107	LEAD	6	110	187	123	180
12081	68107	LEAD	4	188	332	181	288
12082	68107	LEAD	4	290	415	257	349
12084	68107	LEAD	4	131	158	139	159
12085	68107	LEAD	3	230	459	212	382
12086	68107	LEAD	4	179	236	175	217
12087	68107	LEAD	4	215	267	201	239

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12088	68107	LEAD	5	89	109	108	123
12089	68107	LEAD	4	171	323	169	281
12090	68107	LEAD	4	159	252	159	228
12091	68107	LEAD	2	421	567	354	461
12092	68107	LEAD	2	359	453	308	377
12093	68107	LEAD	4	407	808	343	640
12094	68107	LEAD	4	319	509	278	419
12095	68107	LEAD	4	210	300	197	264
12096	68107	LEAD	4	82	206	102	194
12098	68107	LEAD	5	118	185	130	179
12099	68107	LEAD	5	377	602	321	488
12102	68107	LEAD	5	139	239	145	219
12103	68107	LEAD	4	178	277	174	247
12104	68107	LEAD	5	159	270	159	242
12105	68107	LEAD	5	384	664	326	534
12106	68107	LEAD	4	352	651	303	524
12107	68107	LEAD	5	367	712	314	569
12109	68107	LEAD	5	107	266	121	239
12110	68107	LEAD	4	131	218	139	204
12111	68107	LEAD	5	353	623	303	503
12112	68107	LEAD	2	109	122	123	132
12113	68107	LEAD	5	138	381	144	324
12114	68107	LEAD	6	266	455	239	379
12115	68107	LEAD	4	133	148	141	151
12116	68107	LEAD	4	334	684	289	548
12117	68107	LEAD	5	276	451	246	376
12118	68107	LEAD	4	97	106	114	121
12119	68107	LEAD	3	114	163	126	162
12121	68107	LEAD	4	189	291	182	257
12122	68107	LEAD	4	82	106	103	121
12124	68107	LEAD	3	152	208	155	196
12125	68107	LEAD	4	66	84	91	104
12126	68107	LEAD	6	246	392	224	332
12127	68107	LEAD	4	188	534	181	437
12129	68107	LEAD	6	84	185	104	179
12131	68107	LEAD	5	64	103	89	118
12132	68107	LEAD	5	99	151	115	154
12133	68107	LEAD	5	97	143	114	148
12134	68107	LEAD	4	206	256	195	231
12135	68107	LEAD	5	297	500	262	412
12136	68107	LEAD	4	72	105	95	120
12137	68107	LEAD	4	84	99	104	115
12138	68107	LEAD	4	122	165	132	164
12139	68107	LEAD	4	217	239	203	219
12140	68107	LEAD	6	118	229	130	211

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12141	68107	LEAD	3	257	527	232	432
12142	68107	LEAD	3	345	425	297	357
12143	68107	LEAD	4	56	76	83	98
12144	68107	LEAD	5	78	118	100	129
12146	68107	LEAD	5	229	269	212	241
12147	68107	LEAD	5	151	194	154	186
12148	68107	LEAD	4	78	89	99	108
12149	68107	LEAD	3	170	212	168	199
12151	68107	LEAD	4	99	155	115	156
12152	68107	LEAD	5	58	76	85	98
12153	68107	LEAD	4	212	263	199	237
12154	68107	LEAD	4	102	197	117	188
12155	68107	LEAD	4	82	129	103	138
12156	68107	LEAD	5	127	170	136	168
12158	68107	LEAD	4	293	479	259	397
12159	68107	LEAD	3	154	165	156	164
12162	68107	LEAD	3	755	1204	601	933
12164	68107	LEAD	4	306	384	268	326
12165	68107	LEAD	4	55	77	83	99
12166	68107	LEAD	4	202	253	192	229
12167	68107	LEAD	5	260	355	235	304
12168	68107	LEAD	5	69	164	93	164
12169	68107	LEAD	4	129	204	138	193
12170	68107	LEAD	4	139	225	145	209
12171	68107	LEAD	5	289	447	256	373
12172	68107	LEAD	5	162	221	162	205
12173	68107	LEAD	3	322	407	280	343
12175	68107	LEAD	4	201	305	191	268
12178	68107	LEAD	2	799	925	633	727
12179	68107	LEAD	4	331	502	287	413
12180	68107	LEAD	4	330	423	287	355
12181	68107	LEAD	5	175	342	171	295
12182	68107	LEAD	2	597	743	483	592
12184	68107	LEAD	4	217	333	202	289
12185	68107	LEAD	4	82	107	102	121
12186	68107	LEAD	2	210	235	198	216
12187	68107	LEAD	4	246	695	224	557
12190	68107	LEAD	4	195	235	186	216
12191	68107	LEAD	5	224	322	207	280
12192	68107	LEAD	3	119	247	130	225
12194	68107	LEAD	5	453	869	377	685
12195	68107	LEAD	5	80	170	101	168
12197	68107	LEAD	5	75	121	97	132
12198	68107	LEAD	3	85	96	105	113
12199	68107	LEAD	4	99	122	115	132

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12200	68107	LEAD	5	56	74	83	97
12202	68107	LEAD	5	339	812	293	643
12205	68107	LEAD	4	207	261	195	235
12206	68107	LEAD	3	128	293	137	259
12208	68107	LEAD	5	356	577	306	469
12209	68107	LEAD	4	71	97	95	114
12211	68107	LEAD	2	264	292	237	258
12214	68107	LEAD	4	152	264	154	237
12215	68107	LEAD	4	566	732	461	584
12217	68107	LEAD	4	123	214	133	200
12218	68107	LEAD	5	340	566	293	461
12220	68107	LEAD	6	278	472	248	391
12221	68107	LEAD	5	121	259	132	234
12222	68107	LEAD	4	157	212	158	199
12223	68107	LEAD	4	253	444	229	371
12224	68107	LEAD	4	128	181	137	176
12226	68107	LEAD	4	380	619	323	500
12227	68107	LEAD	5	210	316	197	276
12228	68107	LEAD	4	245	427	223	358
12231	68107	LEAD	4	434	758	363	603
12232	68107	LEAD	4	216	401	202	338
12233	68107	LEAD	4	641	913	516	718
12234	68107	LEAD	4	60	72	86	96
12238	68107	LEAD	4	272	379	243	322
12239	68107	LEAD	5	226	312	209	273
12240	68107	LEAD	5	108	162	122	162
12241	68107	LEAD	4	201	357	191	306
12242	68107	LEAD	3	498	955	410	748
12243	68107	LEAD	4	250	358	227	307
12245	68107	LEAD	5	119	178	130	174
12246	68107	LEAD	5	139	185	145	179
12247	68107	LEAD	4	183	259	177	233
12249	68107	LEAD	4	107	233	121	215
12252	68107	LEAD	4	94	131	112	139
12254	68107	LEAD	4	39	60	71	87
12255	68107	LEAD	4	46	56	76	83
12256	68107	LEAD	4	76	147	98	151
12257	68107	LEAD	4	373	662	318	532
12258	68107	LEAD	4	205	406	194	343
12260	68107	LEAD	5	388	575	329	468
12261	68107	LEAD	5	70	79	94	101
12262	68107	LEAD	4	373	771	318	612
12263	68107	LEAD	4	56	81	84	102
12264	68107	LEAD	4	76	118	98	129
12265	68107	LEAD	4	361	516	309	424

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12266	68107	LEAD	4	84	168	105	166
12268	68107	LEAD	4	262	390	236	330
12269	68107	LEAD	4	368	882	314	695
12270	68107	LEAD	5	190	593	182	480
12271	68107	LEAD	4	111	127	124	136
12272	68107	LEAD	5	153	390	155	331
12273	68107	LEAD	4	510	752	420	599
12275	68107	LEAD	4	49	58	78	85
12277	68107	LEAD	5	267	513	240	422
12278	68107	LEAD	4	71	74	95	97
12279	68107	LEAD	5	185	275	179	245
12280	68107	LEAD	5	100	125	116	134
12281	68107	LEAD	5	320	680	279	545
12282	68107	LEAD	4	64	91	89	109
12283	68107	LEAD	5	158	213	159	200
12285	68107	LEAD	4	82	117	103	129
12286	68107	LEAD	4	59	92	86	110
12288	68107	LEAD	5	63	90	89	109
12289	68107	LEAD	5	54	77	82	99
12290	68107	LEAD	4	169	298	167	263
12291	68107	LEAD	4	440	727	367	580
12292	68107	LEAD	4	134	174	141	171
12294	68107	LEAD	4	373	758	318	603
12295	68107	LEAD	4	249	463	226	385
12296	68107	LEAD	4	423	758	355	603
12297	68107	LEAD	5	241	598	220	484
12298	68107	LEAD	4	154	175	156	171
12300	68107	LEAD	3	51	59	80	85
12301	68107	LEAD	4	355	818	304	647
12303	68107	LEAD	4	380	514	323	422
12304	68107	LEAD	4	132	239	140	219
12305	68107	LEAD	5	96	114	113	126
12306	68107	LEAD	4	195	471	186	390
12307	68107	LEAD	4	397	687	336	550
12308	68107	LEAD	6	124	177	134	173
12310	68107	LEAD	5	209	279	196	248
12311	68107	LEAD	4	138	210	144	197
12312	68107	LEAD	3	58	66	85	90
12313	68107	LEAD	5	104	111	119	124
12315	68107	LEAD	4	193	302	185	265
12316	68107	LEAD	4	63	92	88	110
12318	68107	LEAD	3	74	101	97	117
12319	68107	LEAD	6	147	174	151	171
12320	68107	LEAD	4	521	927	428	728
12323	68107	LEAD	5	212	281	199	250

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12324	68107	LEAD	4	81	91	102	109
12327	68107	LEAD	4	354	551	304	450
12329	68107	LEAD	5	221	264	206	238
12330	68107	LEAD	3	459	705	382	563
12331	68107	LEAD	6	510	787	419	625
12333	68107	LEAD	5	62	95	88	112
12334	68107	LEAD	3	949	1781	745	1360
12335	68107	LEAD	5	89	144	108	149
12336	68107	LEAD	4	74	99	97	115
12338	68107	LEAD	4	63	69	89	93
12339	68107	LEAD	5	327	697	284	558
12341	68107	LEAD	4	77	94	99	112
12342	68107	LEAD	4	174	291	171	257
12343	68107	LEAD	4	84	105	104	120
12344	68107	LEAD	4	464	634	385	511
12345	68107	LEAD	4	115	137	127	143
12346	68107	LEAD	5	67	79	92	100
12347	68107	LEAD	5	134	200	141	190
12350	68107	LEAD	4	129	237	138	217
12351	68107	LEAD	5	154	230	156	213
12354	68107	LEAD	4	113	155	126	157
12355	68107	LEAD	5	289	393	256	333
12356	68107	LEAD	3	542	818	443	648
12358	68107	LEAD	4	67	80	92	101
12360	68107	LEAD	3	272	413	243	347
12362	68107	LEAD	4	87	144	107	148
12363	68107	LEAD	4	180	237	175	217
12364	68107	LEAD	4	95	213	112	200
12365	68107	LEAD	4	89	96	108	113
12366	68107	LEAD	4	66	87	91	106
12368	68107	LEAD	4	209	293	197	259
12371	68107	LEAD	4	74	91	97	110
12372	68107	LEAD	4	167	294	166	259
12373	68107	LEAD	4	95	135	112	142
12374	68107	LEAD	4	245	434	224	363
12376	68107	LEAD	5	119	192	130	184
12377	68107	LEAD	5	207	417	196	350
12378	68107	LEAD	5	115	159	127	160
12379	68107	LEAD	4	160	228	160	211
12380	68107	LEAD	5	156	269	157	241
12383	68107	LEAD	4	176	339	172	293
12385	68107	LEAD	4	121	169	131	167
12386	68107	LEAD	5	144	216	148	202
12387	68107	LEAD	4	189	329	182	286
12388	68107	LEAD	4	145	225	149	209

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12390	68107	LEAD	5	51	63	79	89
12391	68107	LEAD	4	344	612	296	495
12392	68107	LEAD	4	99	129	115	138
12394	68107	LEAD	4	153	222	156	206
12395	68107	LEAD	6	111	247	124	225
12396	68107	LEAD	4	280	651	249	524
12397	68107	LEAD	5	293	499	259	411
12399	68107	LEAD	4	427	625	358	504
12400	68107	LEAD	4	205	240	194	220
12401	68107	LEAD	5	213	501	200	413
12403	68107	LEAD	5	133	226	140	209
12404	68107	LEAD	5	336	583	290	473
12405	68107	LEAD	2	76	107	98	122
12407	68107	LEAD	4	128	169	136	167
12409	68107	LEAD	3	91	120	109	131
12410	68107	LEAD	4	187	316	180	276
12411	68107	LEAD	4	270	681	242	546
12414	68107	LEAD	4	397	460	336	382
12418	68107	LEAD	4	135	191	142	183
12419	68107	LEAD	5	104	119	119	130
12420	68107	LEAD	4	191	212	183	199
12421	68107	LEAD	4	137	176	144	172
12422	68107	LEAD	5	151	221	153	206
12424	68107	LEAD	4	229	327	212	284
12425	68107	LEAD	3	84	129	104	138
12426	68107	LEAD	4	278	352	248	303
12428	68107	LEAD	4	341	713	295	570
12429	68107	LEAD	4	111	173	124	170
12430	68107	LEAD	4	282	455	251	379
12431	68107	LEAD	4	470	512	390	421
12432	68107	LEAD	4	92	111	110	124
12433	68107	LEAD	5	530	819	434	648
12437	68107	LEAD	5	90	161	109	161
12439	68107	LEAD	5	262	351	236	302
12440	68107	LEAD	4	307	681	269	546
12442	68107	LEAD	4	336	500	291	412
12443	68107	LEAD	4	219	283	204	251
12444	68107	LEAD	4	264	334	237	289
12445	68107	LEAD	4	163	302	163	265
12446	68107	LEAD	4	360	631	309	509
12448	68107	LEAD	4	126	198	135	189
12449	68107	LEAD	4	356	697	305	558
12452	68107	LEAD	4	238	310	218	272
12453	68107	LEAD	4	78	139	100	145
12456	68107	LEAD	4	132	168	140	166

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12457	68107	LEAD	5	169	199	167	189
12458	68107	LEAD	4	71	83	94	104
12459	68107	LEAD	4	300	494	264	407
12460	68107	LEAD	4	441	566	368	461
12461	68107	LEAD	4	414	776	348	616
12462	68107	LEAD	4	239	309	219	271
12464	68107	LEAD	4	259	281	233	250
12465	68107	LEAD	6	232	549	213	448
12466	68107	LEAD	5	299	530	263	434
12469	68107	LEAD	4	289	486	256	402
12470	68107	LEAD	4	303	383	266	325
12471	68107	LEAD	4	238	357	218	306
12472	68107	LEAD	5	495	834	409	659
12473	68107	LEAD	4	352	662	303	532
12474	68107	LEAD	4	164	224	163	208
12477	68107	LEAD	5	342	444	295	371
12478	68107	LEAD	5	237	307	217	269
12479	68107	LEAD	4	134	248	141	226
12480	68107	LEAD	4	767	1004	610	785
12481	68107	LEAD	4	261	387	235	329
12482	68107	LEAD	5	244	346	223	298
12483	68107	LEAD	4	153	189	155	182
12484	68107	LEAD	3	221	377	205	321
12485	68107	LEAD	4	143	300	148	264
12486	68107	LEAD	3	286	397	254	336
12487	68107	LEAD	5	51	75	79	97
12489	68107	LEAD	4	460	647	382	521
12490	68107	LEAD	4	323	475	281	393
12491	68107	LEAD	4	368	526	314	431
12493	68107	LEAD	4	281	354	250	304
12494	68107	LEAD	4	216	344	202	297
12495	68107	LEAD	6	71	129	95	137
12496	68107	LEAD	3	200	232	190	213
12497	68107	LEAD	4	227	339	210	293
12498	68107	LEAD	3	76	97	98	114
12499	68107	LEAD	3	104	133	119	141
12500	68107	LEAD	4	352	570	303	464
12501	68107	LEAD	5	112	169	125	167
12502	68107	LEAD	4	398	629	337	507
12505	68107	LEAD	5	174	281	171	250
12506	68107	LEAD	5	273	395	244	334
12510	68107	LEAD	4	306	429	269	360
12514	68107	LEAD	3	221	326	206	283
12515	68107	LEAD	3	298	307	263	269
12516	68107	LEAD	4	611	965	494	756

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12517	68107	LEAD	4	280	388	249	329
12518	68107	LEAD	4	333	639	289	515
12519	68107	LEAD	4	159	317	160	277
12520	68107	LEAD	4	420	837	353	662
12521	68107	LEAD	4	144	261	148	235
12522	68107	LEAD	4	72	94	96	111
12523	68107	LEAD	4	357	530	306	434
12524	68107	LEAD	4	401	857	339	676
12526	68107	LEAD	5	203	318	193	277
12527	68107	LEAD	5	79	104	101	119
12528	68107	LEAD	4	152	316	155	276
12529	68107	LEAD	4	558	825	455	652
12530	68107	LEAD	5	205	372	194	317
12535	68107	LEAD	3	120	167	131	166
12537	68107	LEAD	3	1103	2889	858	2180
12538	68107	LEAD	4	154	175	156	172
12539	68107	LEAD	6	298	532	262	436
12541	68107	LEAD	5	433	798	362	633
12543	68107	LEAD	4	47	69	76	93
12544	68107	LEAD	5	443	896	370	705
12545	68107	LEAD	4	83	98	103	115
12546	68107	LEAD	5	120	161	131	161
12547	68107	LEAD	4	150	170	153	168
12548	68107	LEAD	5	254	441	230	369
12549	68107	LEAD	4	77	120	99	131
12550	68107	LEAD	4	205	269	194	241
12551	68107	LEAD	4	209	381	196	324
12554	68107	LEAD	4	221	309	206	271
12555	68107	LEAD	3	143	189	148	182
12556	68107	LEAD	4	119	141	130	146
12558	68107	LEAD	4	130	299	138	263
12559	68107	LEAD	3	276	430	246	360
12560	68107	LEAD	4	1257	2540	972	1921
12561	68107	LEAD	4	353	483	304	399
12564	68107	LEAD	4	314	504	275	415
12565	68107	LEAD	4	147	315	151	275
12566	68107	LEAD	4	60	80	86	101
12567	68107	LEAD	4	94	117	111	129
12569	68107	LEAD	5	354	678	304	544
12572	68107	LEAD	5	578	766	470	609
12573	68107	LEAD	5	402	926	339	727
12574	68107	LEAD	4	501	621	413	502
12575	68107	LEAD	4	233	309	214	270
12577	68107	LEAD	3	547	976	446	765
12579	68107	LEAD	4	247	332	225	288

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12580	68107	LEAD	4	172	371	169	316
12581	68107	LEAD	4	185	270	179	241
12582	68107	LEAD	5	148	202	151	192
12583	68107	LEAD	6	177	335	173	290
12584	68107	LEAD	4	82	132	103	140
12585	68107	LEAD	3	178	206	174	195
12586	68107	LEAD	4	925	1473	726	1132
12588	68107	LEAD	5	383	585	326	475
12589	68107	LEAD	4	367	468	314	388
12590	68107	LEAD	4	606	1782	491	1360
12593	68107	LEAD	4	152	246	155	224
12594	68107	LEAD	5	345	678	297	544
12595	68107	LEAD	3	215	262	201	236
12599	68107	LEAD	2	116	157	128	158
12600	68107	LEAD	5	26	47	61	77
12602	68107	LEAD	4	38	47	70	77
12603	68107	LEAD	5	65	73	90	96
12604	68107	LEAD	4	60	71	86	95
12605	68107	LEAD	4	31	35	65	68
12606	68107	LEAD	4	522	902	429	710
12609	68107	LEAD	5	195	443	186	370
12610	68107	LEAD	4	376	628	320	507
12611	68107	LEAD	4	62	94	88	112
12612	68107	LEAD	2	429	647	360	521
12613	68107	LEAD	4	419	515	352	423
12614	68107	LEAD	4	335	455	290	378
12615	68107	LEAD	4	440	789	367	626
12617	68107	LEAD	5	204	330	193	286
12618	68107	LEAD	4	567	784	461	622
12623	68107	LEAD	4	134	175	141	172
12624	68107	LEAD	4	268	331	241	287
12625	68107	LEAD	4	416	964	349	755
12626	68107	LEAD	4	580	858	471	677
12627	68107	LEAD	5	446	802	372	635
12628	68107	LEAD	5	193	358	184	307
12632	68107	LEAD	4	205	284	194	252
12636	68107	LEAD	4	128	196	137	187
12644	68107	LEAD	5	349	460	300	382
12645	68107	LEAD	4	954	1383	748	1065
12647	68107	LEAD	4	359	701	308	561
12648	68107	LEAD	6	164	557	164	454
12649	68107	LEAD	4	140	243	146	222
12651	68107	LEAD	5	370	427	316	358
12652	68107	LEAD	1	314	314	274	274
12653	68107	LEAD	5	283	316	252	276

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12654	68107	LEAD	5	417	718	351	574
12655	68107	LEAD	4	318	475	277	394
12656	68107	LEAD	4	496	650	409	523
12657	68107	LEAD	4	287	422	255	354
12659	68107	LEAD	4	526	850	431	671
12661	68107	LEAD	4	109	137	123	144
12663	68107	LEAD	4	462	665	384	534
12665	68107	LEAD	4	271	434	243	363
12666	68107	LEAD	5	361	497	309	410
12667	68107	LEAD	4	369	595	315	483
12668	68107	LEAD	4	414	661	348	531
12670	68107	LEAD	4	462	521	384	428
12671	68107	LEAD	4	255	494	231	407
12674	68107	LEAD	2	488	548	403	447
12676	68107	LEAD	4	404	534	341	437
12677	68107	LEAD	4	281	457	250	380
12678	68107	LEAD	4	169	400	167	338
12679	68107	LEAD	4	170	194	168	185
12682	68107	LEAD	5	211	431	198	361
12684	68107	LEAD	4	303	472	266	391
12685	68107	LEAD	4	493	758	407	603
12686	68107	LEAD	4	262	410	236	346
12687	68107	LEAD	4	300	538	264	440
12688	68107	LEAD	4	346	514	298	422
12690	68107	LEAD	5	209	322	197	280
12691	68107	LEAD	4	219	471	204	390
12692	68107	LEAD	4	374	572	319	465
12694	68107	LEAD	4	381	481	324	398
12696	68107	LEAD	4	442	851	369	672
12697	68107	LEAD	4	122	158	132	159
12699	68107	LEAD	4	114	302	126	265
12701	68107	LEAD	2	213	330	200	286
12707	68107	LEAD	4	280	509	249	418
12709	68107	LEAD	5	237	611	217	494
12710	68107	LEAD	4	312	454	273	378
12711	68107	LEAD	4	224	418	208	351
12713	68107	LEAD	4	396	926	335	727
12714	68107	LEAD	4	131	253	139	230
12716	68107	LEAD	5	154	212	156	199
12718	68107	LEAD	3	102	128	117	137
12721	68107	LEAD	3	345	530	297	434
12723	68107	LEAD	4	400	653	338	525
12725	68107	LEAD	4	128	272	137	244
12726	68107	LEAD	4	83	97	104	114
12727	68107	LEAD	4	256	328	231	284

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12729	68107	LEAD	4	223	268	207	241
12732	68107	LEAD	5	88	136	107	143
12733	68107	LEAD	5	323	506	281	417
12735	68107	LEAD	3	394	538	333	440
12736	68107	LEAD	5	195	319	186	278
12737	68107	LEAD	4	331	610	287	493
12738	68107	LEAD	4	122	182	133	177
12739	68107	LEAD	4	329	520	285	427
12740	68107	LEAD	3	793	1221	629	945
12741	68107	LEAD	6	136	160	143	160
12742	68107	LEAD	4	247	500	225	412
12744	68107	LEAD	4	166	203	165	192
12747	68107	LEAD	2	98	119	115	130
12748	68107	LEAD	4	239	333	219	288
12749	68107	LEAD	5	155	210	156	197
12751	68107	LEAD	4	286	318	254	277
12753	68107	LEAD	4	403	605	340	489
12755	68107	LEAD	4	317	477	277	395
12759	68107	LEAD	4	237	428	218	358
12760	68107	LEAD	6	173	254	170	230
12761	68107	LEAD	5	194	314	186	275
12764	68107	LEAD	5	229	339	212	293
12766	68107	LEAD	4	173	299	170	263
12769	68107	LEAD	4	283	398	251	337
12772	68107	LEAD	4	133	270	141	242
12774	68107	LEAD	2	132	187	140	180
12783	68107	LEAD	4	418	650	352	523
12785	68107	LEAD	4	151	242	153	221
12787	68107	LEAD	4	136	185	143	179
12789	68107	LEAD	3	168	178	166	173
12791	68107	LEAD	4	239	316	219	276
12792	68107	LEAD	5	152	231	154	213
12794	68107	LEAD	4	232	347	214	299
12796	68107	LEAD	4	428	657	359	528
12798	68107	LEAD	4	335	563	290	459
12800	68107	LEAD	5	138	185	144	179
12810	68107	LEAD	5	337	541	291	442
12811	68107	LEAD	4	93	98	111	114
12812	68107	LEAD	6	384	579	326	470
12815	68107	LEAD	4	172	239	169	219
12818	68107	LEAD	4	423	659	355	529
12820	68107	LEAD	4	213	345	200	297
12823	68107	LEAD	5	337	469	291	389
12826	68107	LEAD	4	214	318	200	277
12827	68107	LEAD	4	283	339	252	293

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12830	68107	LEAD	4	379	527	322	432
12831	68107	LEAD	3	416	561	349	457
12833	68107	LEAD	4	275	504	245	415
12834	68107	LEAD	4	572	1067	465	831
12835	68107	LEAD	4	337	444	292	371
12840	68107	LEAD	4	788	887	625	699
12844	68107	LEAD	5	329	800	285	634
12845	68107	LEAD	5	194	338	186	292
12847	68107	LEAD	4	316	529	276	433
12848	68107	LEAD	5	259	447	234	373
12850	68107	LEAD	3	340	431	293	361
12851	68107	LEAD	4	485	594	401	481
12856	68107	LEAD	4	436	673	365	540
12858	68107	LEAD	4	115	167	127	166
12865	68107	LEAD	4	307	422	269	355
12870	68107	LEAD	4	477	758	395	603
12871	68107	LEAD	4	484	841	400	664
12874	68107	LEAD	3	451	554	376	452
12876	68107	LEAD	3	496	849	409	670
12877	68107	LEAD	4	260	562	234	458
12879	68107	LEAD	4	414	584	349	474
12884	68107	LEAD	4	75	206	98	194
12885	68107	LEAD	4	335	401	290	338
12888	68107	LEAD	5	183	296	178	261
12891	68107	LEAD	4	109	162	123	162
12893	68107	LEAD	4	201	347	191	299
12894	68107	LEAD	4	212	301	199	265
12897	68107	LEAD	4	320	375	278	319
12898	68107	LEAD	5	188	278	181	247
12901	68107	LEAD	5	434	671	363	539
12902	68107	LEAD	5	230	378	212	322
12903	68107	LEAD	5	207	322	195	280
12907	68107	LEAD	4	245	396	223	335
12908	68107	LEAD	4	624	916	504	720
12910	68107	LEAD	4	285	516	253	424
12911	68107	LEAD	4	211	391	198	331
12912	68107	LEAD	5	1758	6675	1343	4982
12913	68107	LEAD	4	600	899	486	708
12914	68107	LEAD	4	345	787	297	624
12915	68107	LEAD	3	316	367	276	313
12916	68107	LEAD	4	149	240	152	219
12920	68107	LEAD	4	394	545	334	446
12921	68107	LEAD	4	635	954	512	748
12927	68107	LEAD	6	297	598	262	485
12929	68107	LEAD	4	110	159	123	160

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12934	68107	LEAD	4	244	464	222	385
12944	68107	LEAD	4	86	153	106	155
12948	68107	LEAD	5	320	760	279	605
12951	68107	LEAD	4	590	1077	478	839
12954	68107	LEAD	5	165	359	164	308
12959	68107	LEAD	4	147	169	151	167
12970	68107	LEAD	5	124	170	134	168
12972	68107	LEAD	5	289	362	256	310
12979	68107	LEAD	4	299	386	263	328
12981	68107	LEAD	4	327	712	284	569
12985	68107	LEAD	4	226	319	209	278
12988	68107	LEAD	4	311	414	272	348
12989	68107	LEAD	4	137	282	144	251
12990	68107	LEAD	3	135	168	142	167
12992	68107	LEAD	4	679	994	544	778
12993	68107	LEAD	4	279	500	248	412
12994	68107	LEAD	5	138	233	144	215
12997	68107	LEAD	4	316	358	276	307
12998	68107	LEAD	3	138	183	144	177
13004	68107	LEAD	4	358	530	307	434
13006	68107	LEAD	4	302	466	265	387
13018	68107	LEAD	4	155	235	157	216
13021	68107	LEAD	4	244	352	223	303
13022	68107	LEAD	4	203	261	192	235
13024	68107	LEAD	4	305	391	268	331
13026	68107	LEAD	4	331	539	287	441
13028	68107	LEAD	4	311	553	272	451
13037	68107	LEAD	4	340	498	294	411
13038	68107	LEAD	4	292	456	258	379
13039	68107	LEAD	4	282	405	250	342
13040	68107	LEAD	4	691	916	553	720
13042	68107	LEAD	6	464	556	385	454
13043	68107	LEAD	4	177	271	173	243
13044	68107	LEAD	4	390	494	331	407
13045	68107	LEAD	4	179	197	174	188
13051	68107	LEAD	4	256	395	231	334
18847	68107	LEAD	5	118	143	129	148
43664	68107	LEAD	4	48	59	78	86
43665	68107	LEAD	4	85	164	105	163
43666	68107	LEAD	5	83	122	104	132
43667	68107	LEAD	4	49	70	78	94
43668	68107	LEAD	4	53	81	82	102
43669	68107	LEAD	5	146	207	150	195
43671	68107	LEAD	5	62	91	88	109
43673	68107	LEAD	4	87	127	106	136

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
43674	68107	LEAD	5	85	116	105	128
43675	68107	LEAD	4	97	170	114	168
43676	68107	LEAD	5	76	112	98	125
43677	68107	LEAD	5	78	95	99	112
43678	68107	LEAD	4	103	187	118	181
43679	68107	LEAD	3	115	165	127	164
43680	68107	LEAD	5	78	231	100	213
43681	68107	LEAD	4	66	120	91	131
43682	68107	LEAD	4	85	111	105	124
43683	68107	LEAD	4	33	37	67	70
43684	68107	LEAD	6	29	33	63	67
43685	68107	LEAD	5	84	110	104	124
43686	68107	LEAD	5	36	43	69	74
43687	68107	LEAD	4	62	93	88	111
43689	68107	LEAD	5	63	110	89	123
43690	68107	LEAD	4	59	84	86	104
43691	68107	LEAD	4	56	76	84	98
43692	68107	LEAD	4	114	249	126	227
43693	68107	LEAD	4	98	142	115	147
43694	68107	LEAD	3	46	80	76	101
43695	68107	LEAD	4	38	52	70	80
43696	68107	LEAD	4	148	174	152	171
43698	68107	LEAD	4	41	52	72	80
43699	68107	LEAD	4	51	86	80	106
43700	68107	LEAD	3	54	73	82	96
43701	68107	LEAD	3	100	192	116	184
43702	68107	LEAD	4	104	143	119	148
43703	68107	LEAD	5	75	90	97	108
43704	68107	LEAD	4	38	48	70	78
43705	68107	LEAD	4	178	257	174	232
43706	68107	LEAD	4	62	80	88	101
43707	68107	LEAD	5	72	98	95	115
43708	68107	LEAD	4	57	76	84	98
43709	68107	LEAD	4	147	354	151	304
43710	68107	LEAD	4	73	95	96	113
43711	68107	LEAD	5	70	126	94	136
43713	68107	LEAD	4	77	132	99	140
43714	68107	LEAD	5	132	416	140	350
43716	68107	LEAD	5	60	75	86	97
43717	68107	LEAD	6	122	210	132	197
43719	68107	LEAD	4	86	109	106	123
43720	68107	LEAD	4	110	170	124	168
43721	68107	LEAD	4	105	160	120	160
43722	68107	LEAD	5	81	90	102	109
43724	68107	LEAD	4	147	258	151	233

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
43725	68107	LEAD	5	134	216	141	202
43726	68107	LEAD	2	178	247	174	225
43727	68107	LEAD	4	292	537	258	439
43728	68107	LEAD	4	210	268	197	240
43729	68107	LEAD	4	168	340	166	294
43730	68107	LEAD	5	100	183	116	178
43731	68107	LEAD	5	87	122	106	132
43732	68107	LEAD	4	89	114	108	126
43733	68107	LEAD	6	84	105	104	119
43734	68107	LEAD	5	84	115	104	127
43735	68107	LEAD	4	53	69	81	93
43736	68107	LEAD	3	54	65	82	90
43737	68107	LEAD	6	94	190	112	182
43738	68107	LEAD	5	77	100	99	116
43739	68107	LEAD	4	113	148	125	151
43740	68107	LEAD	4	194	319	186	278
43743	68107	LEAD	4	95	125	112	134
43744	68107	LEAD	3	48	52	77	80
43745	68107	LEAD	4	63	93	89	111
43746	68107	LEAD	4	117	166	129	164
43747	68107	LEAD	4	97	145	114	150
43748	68107	LEAD	4	168	382	166	324
43749	68107	LEAD	4	96	125	113	135
43750	68107	LEAD	4	111	186	124	180
43752	68107	LEAD	5	130	261	138	235
43753	68107	LEAD	4	145	227	149	210
43755	68107	LEAD	4	105	146	120	150
43758	68107	LEAD	4	251	721	228	576
43759	68107	LEAD	4	138	251	144	228
43760	68107	LEAD	4	201	302	191	266
43761	68107	LEAD	5	125	173	134	170
43762	68107	LEAD	5	124	212	134	199
43764	68107	LEAD	4	79	110	101	124
43765	68107	LEAD	5	111	141	124	147
43766	68107	LEAD	4	60	90	86	108
43768	68107	LEAD	4	117	181	128	176
43769	68107	LEAD	5	143	450	147	375
43771	68107	LEAD	4	66	71	91	94
43772	68107	LEAD	5	44	58	74	85
43773	68107	LEAD	4	77	101	99	117
43774	68107	LEAD	5	241	383	221	326
43775	68107	LEAD	4	75	89	98	108
43777	68107	LEAD	5	48	87	78	107
43778	68107	LEAD	2	48	50	77	79
43779	68107	LEAD	5	61	99	87	115

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
43781	68107	LEAD	4	67	82	92	103
43782	68107	LEAD	4	98	158	115	159
43783	68107	LEAD	4	61	72	87	95
43784	68107	LEAD	4	85	92	105	110
43785	68107	LEAD	3	37	45	69	75
43786	68107	LEAD	5	63	99	89	115
43787	68107	LEAD	4	67	95	92	112
43789	68107	LEAD	4	126	216	135	202
43790	68107	LEAD	4	50	68	79	92
43793	68107	LEAD	4	109	128	123	137
43794	68107	LEAD	4	55	65	83	90
43795	68107	LEAD	5	95	189	112	182
43796	68107	LEAD	4	38	45	70	76
43797	68107	LEAD	4	134	307	141	269
43798	68107	LEAD	4	308	934	270	733
43799	68107	LEAD	5	75	144	97	148
43800	68107	LEAD	4	80	94	101	112
43802	68107	LEAD	4	92	118	110	130
43803	68107	LEAD	6	91	212	109	199
43805	68107	LEAD	5	112	186	125	179
43806	68107	LEAD	5	88	146	107	150
43807	68107	LEAD	4	90	129	108	138
43808	68107	LEAD	4	99	112	115	125
43809	68107	LEAD	5	139	269	145	241
43810	68107	LEAD	4	60	100	87	116
43811	68107	LEAD	4	61	64	87	90
43812	68107	LEAD	4	109	240	122	220
43813	68107	LEAD	5	94	191	111	183
43815	68107	LEAD	4	87	168	106	166
43816	68107	LEAD	5	111	147	124	151
43817	68107	LEAD	4	86	156	106	158
43818	68107	LEAD	4	118	225	129	209
43819	68107	LEAD	4	89	174	108	171
43820	68107	LEAD	4	117	305	129	268
43821	68107	LEAD	4	219	384	204	326
43822	68107	LEAD	4	61	76	87	98
43823	68107	LEAD	4	142	362	147	310
43824	68107	LEAD	4	105	119	120	130
43825	68107	LEAD	4	107	156	121	158
43826	68107	LEAD	4	159	239	160	219
43827	68107	LEAD	4	66	77	91	99
43828	68107	LEAD	4	169	301	167	264
43829	68107	LEAD	4	152	294	154	259
43830	68107	LEAD	4	78	133	100	141
43831	68107	LEAD	4	70	148	94	152

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
43832	68107	LEAD	4	61	95	87	112
43833	68107	LEAD	4	91	122	109	132
43834	68107	LEAD	4	80	112	101	125
43836	68107	LEAD	6	174	623	171	503
43838	68107	LEAD	5	37	56	70	84
43839	68107	LEAD	4	74	116	97	128
43843	68107	LEAD	4	145	215	149	201
43845	68107	LEAD	4	117	160	129	161
43846	68107	LEAD	5	68	103	92	119
43847	68107	LEAD	4	129	157	137	158
43848	68107	LEAD	5	67	96	91	113
43849	68107	LEAD	5	102	134	117	141
43850	68107	LEAD	4	175	239	171	219
43851	68107	LEAD	4	72	99	95	115
43852	68107	LEAD	3	120	222	131	206
43853	68107	LEAD	4	240	375	219	319
43854	68107	LEAD	4	413	811	348	642
43855	68107	LEAD	4	149	217	152	203
43856	68107	LEAD	3	74	90	97	109
43858	68107	LEAD	4	149	165	152	164
43859	68107	LEAD	4	46	60	76	86
43860	68107	LEAD	4	141	190	147	183
43861	68107	LEAD	4	45	61	75	87
43862	68107	LEAD	4	57	92	85	110
43863	68107	LEAD	4	55	89	83	108
43865	68107	LEAD	5	58	74	85	97
43866	68107	LEAD	2	109	119	123	130
43869	68107	LEAD	4	45	54	75	82
43870	68107	LEAD	4	72	165	95	164
43871	68107	LEAD	6	56	77	83	99
43872	68107	LEAD	4	96	149	113	152
43874	68107	LEAD	4	200	336	190	291
43875	68107	LEAD	4	100	119	116	130
43876	68107	LEAD	4	96	138	113	144
43878	68107	LEAD	5	48	105	78	120
43880	68107	LEAD	4	129	193	138	185
43881	68107	LEAD	4	82	127	102	136
43882	68107	LEAD	4	146	237	150	218
43884	68107	LEAD	5	124	186	134	180
43886	68107	LEAD	6	109	155	122	157
43888	68107	LEAD	5	151	427	154	358
43889	68107	LEAD	5	64	88	89	107
43890	68107	LEAD	5	34	63	67	89
43891	68107	LEAD	5	111	186	124	180
43892	68107	LEAD	5	115	201	127	191

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
43893	68107	LEAD	5	66	149	91	153
43894	68107	LEAD	5	124	200	134	190
43895	68107	LEAD	4	50	63	79	89
43896	68107	LEAD	4	74	83	97	103
43897	68107	LEAD	4	59	71	86	95
43901	68107	LEAD	5	193	402	185	340
43903	68107	LEAD	4	62	105	88	120
43904	68107	LEAD	4	83	155	103	157
43905	68107	LEAD	4	56	120	84	131
43906	68107	LEAD	4	81	119	102	130
43907	68107	LEAD	4	60	103	87	118
43908	68107	LEAD	5	44	52	74	80
43909	68107	LEAD	4	76	129	98	138
43910	68107	LEAD	4	251	488	228	403
43911	68107	LEAD	4	76	123	98	133
43912	68107	LEAD	5	82	117	102	129
43913	68107	LEAD	4	47	58	77	85
43914	68107	LEAD	5	125	228	135	211
43916	68107	LEAD	4	65	95	90	112
43917	68107	LEAD	5	150	188	153	181
43918	68107	LEAD	4	56	82	83	102
43919	68107	LEAD	5	99	134	116	141
43920	68107	LEAD	4	100	155	116	156
43921	68107	LEAD	4	64	75	90	98
43922	68107	LEAD	4	76	146	98	150
43924	68107	LEAD	4	58	98	85	114
43925	68107	LEAD	5	157	309	158	271
43926	68107	LEAD	5	50	59	79	86
43927	68107	LEAD	4	62	89	88	108
43928	68107	LEAD	5	215	351	201	302
43929	68107	LEAD	4	221	348	205	300
43930	68107	LEAD	4	78	102	99	117
43931	68107	LEAD	3	156	176	157	172
43933	68107	LEAD	4	44	49	75	79
43934	68107	LEAD	4	45	65	76	90
43935	68107	LEAD	4	178	261	174	235
43936	68107	LEAD	5	39	53	71	81
43937	68107	LEAD	4	81	93	102	111
43938	68107	LEAD	4	58	78	85	100
43939	68107	LEAD	5	56	77	83	99
43940	68107	LEAD	4	584	1023	474	799
43942	68107	LEAD	4	50	79	79	100
43945	68107	LEAD	4	74	109	97	123
43946	68107	LEAD	4	71	97	94	113
43948	68107	LEAD	4	63	89	89	108

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
43949	68107	LEAD	5	229	289	212	256
43950	68107	LEAD	5	159	231	160	213
43951	68107	LEAD	4	129	169	138	167
43953	68107	LEAD	5	212	299	199	263
43954	68107	LEAD	5	105	169	120	167
43957	68107	LEAD	4	364	733	311	585
43958	68107	LEAD	4	75	94	97	112
43960	68107	LEAD	4	94	114	111	126
43961	68107	LEAD	4	59	67	86	92
43962	68107	LEAD	5	147	321	151	280
43963	68107	LEAD	4	229	504	212	415
43964	68107	LEAD	4	43	60	73	86
43965	68107	LEAD	4	292	523	258	429
43966	68107	LEAD	4	106	165	121	164
43967	68107	LEAD	4	54	64	82	89
43968	68107	LEAD	4	224	429	208	359
43969	68107	LEAD	4	62	87	88	106
43970	68107	LEAD	2	153	170	155	168
43971	68107	LEAD	5	52	82	81	103
43973	68107	LEAD	6	70	148	94	152
43974	68107	LEAD	5	150	247	153	225
43975	68107	LEAD	4	75	159	98	160
43976	68107	LEAD	6	128	212	137	199
43977	68107	LEAD	4	59	86	86	105
43978	68107	LEAD	5	170	381	168	324
43979	68107	LEAD	4	39	58	71	85
43982	68107	LEAD	4	95	151	112	154
43983	68107	LEAD	5	112	130	125	138
43984	68107	LEAD	4	172	331	169	287
43985	68107	LEAD	5	397	722	335	576
43986	68107	LEAD	4	62	108	88	122
43987	68107	LEAD	5	87	109	107	123
43988	68107	LEAD	4	166	251	165	228
43989	68107	LEAD	5	83	120	103	131
43991	68107	LEAD	5	119	182	130	176
43992	68107	LEAD	4	54	69	82	93
43993	68107	LEAD	5	175	271	172	242
43994	68107	LEAD	6	140	241	146	221
43996	68107	LEAD	5	83	123	103	133
43998	68107	LEAD	4	137	269	143	241
43999	68107	LEAD	4	103	116	118	128
44000	68107	LEAD	4	85	146	105	150
44001	68107	LEAD	4	83	122	103	132
44002	68107	LEAD	4	40	52	72	80
44003	68107	LEAD	4	48	69	78	93

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44004	68107	LEAD	4	50	91	79	109
44005	68107	LEAD	4	154	260	156	234
44006	68107	LEAD	4	35	45	68	75
44008	68107	LEAD	5	60	77	87	99
44009	68107	LEAD	5	113	187	125	180
44010	68107	LEAD	5	100	181	116	176
44011	68107	LEAD	4	100	137	116	143
44013	68107	LEAD	4	129	258	137	233
44014	68107	LEAD	4	55	75	83	97
44016	68107	LEAD	4	61	81	87	102
44017	68107	LEAD	4	146	391	150	331
44018	68107	LEAD	4	71	115	95	127
44019	68107	LEAD	5	81	147	102	151
44020	68107	LEAD	4	94	154	112	156
44022	68107	LEAD	5	97	112	114	125
44023	68107	LEAD	4	34	39	67	71
44024	68107	LEAD	4	46	67	76	91
44025	68107	LEAD	4	76	114	98	126
44026	68107	LEAD	5	69	137	93	143
44028	68107	LEAD	5	148	291	151	258
44029	68107	LEAD	4	56	66	84	91
44031	68107	LEAD	4	67	104	92	119
44032	68107	LEAD	4	61	81	87	102
44033	68107	LEAD	5	100	168	116	166
44034	68107	LEAD	3	39	56	71	83
44035	68107	LEAD	4	88	127	107	136
44037	68107	LEAD	5	101	148	117	151
44039	68107	LEAD	4	56	111	83	124
44040	68107	LEAD	4	138	271	144	242
44041	68107	LEAD	4	84	98	104	114
44042	68107	LEAD	4	149	259	152	234
44044	68107	LEAD	4	152	293	155	259
44046	68107	LEAD	4	376	855	320	675
44047	68107	LEAD	4	53	60	81	86
44048	68107	LEAD	5	43	57	74	84
44049	68107	LEAD	4	59	77	85	99
44050	68107	LEAD	4	27	34	62	67
44052	68107	LEAD	4	42	62	73	88
44053	68107	LEAD	4	64	73	90	96
44055	68107	LEAD	4	32	37	65	70
44056	68107	LEAD	5	61	95	87	112
44057	68107	LEAD	4	42	46	73	76
44059	68107	LEAD	4	122	210	132	197
44060	68107	LEAD	3	86	103	105	118
44061	68107	LEAD	4	125	245	134	223

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44062	68107	LEAD	4	69	90	93	109
44063	68107	LEAD	3	115	236	127	217
44064	68107	LEAD	5	91	156	109	157
44065	68107	LEAD	4	48	81	78	102
44066	68107	LEAD	4	65	132	90	139
44067	68107	LEAD	4	54	62	82	88
44068	68107	LEAD	4	54	81	82	102
44069	68107	LEAD	4	165	209	164	196
44070	68107	LEAD	5	104	141	119	146
44071	68107	LEAD	4	156	215	158	201
44072	68107	LEAD	4	185	219	179	204
44073	68107	LEAD	4	221	253	205	229
44074	68107	LEAD	5	56	102	83	118
44075	68107	LEAD	4	115	138	127	144
44076	68107	LEAD	5	444	616	370	498
44077	68107	LEAD	4	51	80	79	101
44079	68107	LEAD	5	45	85	75	105
44080	68107	LEAD	4	66	75	91	97
44081	68107	LEAD	4	199	381	190	324
44082	68107	LEAD	5	71	115	94	127
44083	68107	LEAD	4	139	337	145	292
44084	68107	LEAD	4	112	228	125	211
44085	68107	LEAD	4	154	246	156	224
44088	68107	LEAD	4	189	277	182	247
44089	68107	LEAD	4	83	101	104	117
44090	68107	LEAD	4	91	100	109	116
44091	68107	LEAD	4	103	144	119	148
44092	68107	LEAD	4	64	80	90	101
44094	68107	LEAD	4	74	88	97	107
44099	68107	LEAD	5	54	71	82	94
44101	68107	LEAD	5	64	92	89	110
44102	68107	LEAD	4	125	186	135	179
44103	68107	LEAD	5	60	98	86	114
44104	68107	LEAD	4	114	152	126	154
44105	68107	LEAD	4	45	55	75	83
44106	68107	LEAD	4	98	158	114	159
44107	68107	LEAD	5	165	276	164	246
44108	68107	LEAD	3	98	132	115	139
44111	68107	LEAD	4	130	165	138	164
44112	68107	LEAD	5	209	380	197	323
44113	68107	LEAD	4	112	192	125	184
44114	68107	LEAD	5	73	169	96	167
44115	68107	LEAD	3	139	182	145	177
44116	68107	LEAD	4	197	339	188	293
44117	68107	LEAD	4	68	82	92	102

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44118	68107	LEAD	4	160	304	160	267
44119	68107	LEAD	4	48	72	77	95
44120	68107	LEAD	4	283	359	251	307
44122	68107	LEAD	3	68	100	92	116
44123	68107	LEAD	6	142	220	147	205
44124	68107	LEAD	4	77	90	99	109
44125	68107	LEAD	5	158	246	159	224
44127	68107	LEAD	4	84	103	104	118
44128	68107	LEAD	4	162	260	162	234
44129	68107	LEAD	4	158	233	159	214
44130	68107	LEAD	5	158	215	159	201
44131	68107	LEAD	4	1038	3383	810	2546
44132	68107	LEAD	4	130	159	138	159
44133	68107	LEAD	4	70	99	94	115
44134	68107	LEAD	4	127	223	136	207
44135	68107	LEAD	3	63	83	88	103
44137	68107	LEAD	4	156	406	158	342
44138	68107	LEAD	4	84	112	105	125
44139	68107	LEAD	4	62	84	88	104
44140	68107	LEAD	4	82	135	103	142
44143	68107	LEAD	4	158	188	159	181
44144	68107	LEAD	4	232	388	214	329
44145	68107	LEAD	4	209	286	196	254
44146	68107	LEAD	5	259	401	234	338
44147	68107	LEAD	4	129	199	137	189
44148	68107	LEAD	5	438	917	366	720
44150	68107	LEAD	5	318	903	277	711
44151	68107	LEAD	5	117	151	129	154
44152	68107	LEAD	5	64	102	89	117
44153	68107	LEAD	4	98	110	114	124
44155	68107	LEAD	5	69	97	93	113
44156	68107	LEAD	4	88	131	107	139
44157	68107	LEAD	5	107	140	121	146
44158	68107	LEAD	4	70	98	94	114
44160	68107	LEAD	4	108	162	122	162
44161	68107	LEAD	5	75	86	97	106
44162	68107	LEAD	4	82	130	103	138
44163	68107	LEAD	4	338	578	292	470
44164	68107	LEAD	4	137	234	144	215
44165	68107	LEAD	5	55	70	83	94
44166	68107	LEAD	4	85	119	105	130
44167	68107	LEAD	4	68	93	92	111
44169	68107	LEAD	4	108	128	122	137
44170	68107	LEAD	4	39	49	71	79
44171	68107	LEAD	5	46	64	76	89

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44173	68107	LEAD	4	39	54	71	82
44174	68107	LEAD	5	49	75	78	98
44176	68107	LEAD	6	70	124	94	134
44177	68107	LEAD	4	105	137	120	143
44178	68107	LEAD	5	82	113	103	126
44179	68107	LEAD	4	44	49	74	78
44180	68107	LEAD	4	14	14	52	53
44181	68107	LEAD	4	30	35	64	68
44182	68107	LEAD	4	79	134	101	141
44183	68107	LEAD	4	61	72	87	95
44184	68107	LEAD	5	75	105	98	120
44185	68107	LEAD	5	79	128	100	137
44186	68107	LEAD	4	56	111	84	124
44187	68107	LEAD	5	144	343	149	296
44188	68107	LEAD	4	108	126	122	136
44194	68107	LEAD	4	110	213	124	200
44196	68107	LEAD	5	71	154	94	156
44197	68107	LEAD	2	74	83	97	104
44198	68107	LEAD	5	56	74	83	96
44199	68107	LEAD	5	115	150	127	153
44200	68107	LEAD	4	44	55	74	83
44201	68107	LEAD	5	48	61	78	87
44202	68107	LEAD	6	51	92	80	110
44203	68107	LEAD	5	103	234	118	215
44205	68107	LEAD	5	139	174	145	171
44206	68107	LEAD	2	98	116	114	128
44208	68107	LEAD	2	106	160	121	160
44210	68107	LEAD	4	76	139	98	145
44211	68107	LEAD	4	154	325	156	282
44212	68107	LEAD	4	75	107	98	121
44213	68107	LEAD	4	128	200	137	190
44214	68107	LEAD	4	98	180	114	175
44217	68107	LEAD	4	45	57	76	84
44219	68107	LEAD	3	95	105	112	120
44220	68107	LEAD	3	51	65	80	90
44221	68107	LEAD	5	144	288	148	255
44222	68107	LEAD	5	57	88	84	107
44224	68107	LEAD	5	88	100	107	116
44225	68107	LEAD	4	96	203	113	192
44227	68107	LEAD	4	88	110	107	123
44228	68107	LEAD	4	70	83	93	103
44230	68107	LEAD	5	134	381	141	324
44231	68107	LEAD	4	56	77	84	99
44233	68107	LEAD	4	76	110	98	123
44234	68107	LEAD	4	82	100	103	116

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44235	68107	LEAD	4	64	85	89	105
44236	68107	LEAD	4	74	129	97	137
44237	68107	LEAD	5	43	59	74	86
44239	68107	LEAD	4	101	210	117	197
44240	68107	LEAD	5	105	139	120	145
44241	68107	LEAD	3	49	51	78	79
44244	68107	LEAD	4	87	162	107	162
44245	68107	LEAD	5	80	90	101	108
44246	68107	LEAD	4	65	87	90	107
44247	68107	LEAD	5	180	215	175	201
44248	68107	LEAD	5	93	138	111	144
44250	68107	LEAD	4	102	161	118	161
44251	68107	LEAD	4	94	115	111	127
44252	68107	LEAD	4	186	279	179	248
44253	68107	LEAD	5	246	468	224	388
44254	68107	LEAD	6	76	141	98	146
44255	68107	LEAD	4	186	282	180	251
44256	68107	LEAD	4	82	95	103	112
44258	68107	LEAD	4	336	391	291	331
44260	68107	LEAD	4	37	46	70	76
44261	68107	LEAD	4	352	514	303	422
44262	68107	LEAD	5	223	308	207	270
44265	68107	LEAD	4	86	136	105	143
44268	68107	LEAD	4	56	70	83	94
44269	68107	LEAD	4	97	141	113	146
44270	68107	LEAD	4	80	131	101	139
44271	68107	LEAD	5	325	753	283	599
44272	68107	LEAD	4	100	158	116	159
44273	68107	LEAD	4	252	410	229	345
44274	68107	LEAD	4	111	265	124	238
44275	68107	LEAD	4	210	428	197	359
44277	68107	LEAD	4	250	303	227	266
44278	68107	LEAD	4	224	562	208	458
44279	68107	LEAD	4	255	345	230	297
44280	68107	LEAD	3	163	247	163	224
44281	68107	LEAD	4	261	326	235	283
44282	68107	LEAD	4	129	141	137	146
44283	68107	LEAD	4	49	66	78	91
44284	68107	LEAD	4	41	47	72	77
44287	68107	LEAD	4	71	118	94	129
44288	68107	LEAD	4	54	91	82	109
44289	68107	LEAD	5	290	533	256	437
44290	68107	LEAD	3	38	45	70	75
44291	68107	LEAD	5	125	220	135	205
44292	68107	LEAD	4	76	97	98	113

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44293	68107	LEAD	2	86	98	106	115
44294	68107	LEAD	4	66	98	91	115
44295	68107	LEAD	4	87	130	107	138
44296	68107	LEAD	3	271	323	242	281
44298	68107	LEAD	4	60	75	87	98
44299	68107	LEAD	5	477	669	395	537
44300	68107	LEAD	4	51	78	80	99
44301	68107	LEAD	4	62	84	88	104
44303	68107	LEAD	4	58	97	85	114
44304	68107	LEAD	4	334	730	289	582
44305	68107	LEAD	5	77	91	99	109
44306	68107	LEAD	5	42	53	73	81
44307	68107	LEAD	5	88	130	107	138
44308	68107	LEAD	4	307	461	269	383
44310	68107	LEAD	4	50	58	79	85
44311	68107	LEAD	4	237	323	217	281
44313	68107	LEAD	4	180	330	175	286
44314	68107	LEAD	5	98	160	115	161
44315	68107	LEAD	5	288	432	255	362
44316	68107	LEAD	5	52	71	80	95
44317	68107	LEAD	4	60	65	87	90
44318	68107	LEAD	4	83	127	103	136
44319	68107	LEAD	4	64	83	90	104
44320	68107	LEAD	5	97	171	114	169
44321	68107	LEAD	4	71	92	95	110
44323	68107	LEAD	4	65	68	90	92
44324	68107	LEAD	4	65	73	90	96
44325	68107	LEAD	4	74	98	97	114
44327	68107	LEAD	4	139	186	145	180
44328	68107	LEAD	5	178	276	173	246
44329	68107	LEAD	4	65	80	90	101
44330	68107	LEAD	4	284	351	252	301
44331	68107	LEAD	4	91	104	110	119
44332	68107	LEAD	4	64	70	89	94
44334	68107	LEAD	5	624	1657	503	1268
44337	68107	LEAD	3	181	269	176	241
44339	68107	LEAD	4	138	188	144	181
44341	68107	LEAD	4	102	119	117	130
44344	68107	LEAD	4	79	104	101	119
44345	68107	LEAD	5	143	308	148	270
44346	68107	LEAD	4	83	112	103	125
44347	68107	LEAD	4	67	103	92	118
44348	68107	LEAD	3	134	225	141	208
44349	68107	LEAD	5	86	211	106	198
44350	68107	LEAD	3	135	244	142	223

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44351	68107	LEAD	3	190	276	183	247
44352	68107	LEAD	5	62	85	88	105
44354	68107	LEAD	4	260	463	235	385
44357	68107	LEAD	4	234	580	215	471
44358	68107	LEAD	4	35	47	68	76
44359	68107	LEAD	4	57	66	84	91
44361	68107	LEAD	5	83	137	104	143
44362	68107	LEAD	5	120	173	131	170
44366	68107	LEAD	5	41	64	72	89
44367	68107	LEAD	4	54	70	82	94
44371	68107	LEAD	4	88	162	107	162
44373	68107	LEAD	5	53	99	81	115
44375	68107	LEAD	4	192	353	184	303
44376	68107	LEAD	4	89	116	108	128
44377	68107	LEAD	5	107	276	121	246
44379	68107	LEAD	4	51	70	80	94
44380	68107	LEAD	4	139	224	145	208
44381	68107	LEAD	5	101	153	117	155
44382	68107	LEAD	5	89	212	108	199
44383	68107	LEAD	5	79	120	100	131
44384	68107	LEAD	4	147	236	151	217
44385	68107	LEAD	4	41	58	72	85
44386	68107	LEAD	5	66	75	91	98
44387	68107	LEAD	4	105	169	119	167
44389	68107	LEAD	4	57	82	84	102
44390	68107	LEAD	4	53	71	81	95
44391	68107	LEAD	4	152	283	154	252
44392	68107	LEAD	3	74	109	96	123
44393	68107	LEAD	5	50	92	79	110
44394	68107	LEAD	6	238	512	218	421
44395	68107	LEAD	4	54	71	82	95
44396	68107	LEAD	4	120	164	131	163
44397	68107	LEAD	5	48	82	78	102
44398	68107	LEAD	4	69	99	93	115
44400	68107	LEAD	3	71	83	95	103
44401	68107	LEAD	4	17	29	54	63
44403	68107	LEAD	4	217	265	202	238
44404	68107	LEAD	5	91	130	109	138
44405	68107	LEAD	5	141	197	147	188
44406	68107	LEAD	4	116	205	127	194
44407	68107	LEAD	4	66	85	91	105
44409	68107	LEAD	4	173	201	170	191
44410	68107	LEAD	4	50	56	79	83
44411	68107	LEAD	4	160	190	160	183
44413	68107	LEAD	4	110	133	123	141

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44414	68107	LEAD	5	58	111	85	124
44415	68107	LEAD	4	251	540	228	441
44416	68107	LEAD	4	181	364	176	312
44417	68107	LEAD	4	130	152	138	154
44418	68107	LEAD	3	65	73	90	96
44419	68107	LEAD	4	185	343	179	296
44420	68107	LEAD	4	185	243	179	222
44421	68107	LEAD	4	75	89	97	108
44422	68107	LEAD	2	54	54	82	82
44423	68107	LEAD	4	163	230	162	212
44424	68107	LEAD	4	76	134	98	141
44426	68107	LEAD	4	92	143	110	148
44427	68107	LEAD	4	135	220	142	204
44428	68107	LEAD	4	61	74	87	97
44429	68107	LEAD	4	185	414	179	348
44431	68107	LEAD	6	80	117	101	128
44432	68107	LEAD	4	62	131	88	139
44433	68107	LEAD	4	313	397	273	336
44436	68107	LEAD	4	47	60	77	87
44437	68107	LEAD	4	70	106	94	121
44439	68107	LEAD	5	78	117	100	129
44441	68107	LEAD	4	76	90	99	109
44442	68107	LEAD	4	129	216	137	202
44443	68107	LEAD	4	26	32	61	65
44444	68107	LEAD	5	104	230	119	212
44445	68107	LEAD	4	130	193	138	185
44446	68107	LEAD	4	212	319	199	278
44448	68107	LEAD	4	69	90	93	108
44449	68107	LEAD	4	117	205	129	193
44450	68107	LEAD	4	102	118	118	129
44451	68107	LEAD	4	133	172	140	169
44452	68107	LEAD	6	56	72	84	95
44453	68107	LEAD	4	107	215	121	201
44454	68107	LEAD	4	109	144	123	149
44455	68107	LEAD	6	101	168	116	166
44456	68107	LEAD	5	99	115	116	127
44457	68107	LEAD	5	264	375	238	319
44458	68107	LEAD	5	83	126	103	135
44459	68107	LEAD	5	139	218	145	203
44460	68107	LEAD	4	81	102	102	118
44463	68107	LEAD	4	163	228	162	211
44464	68107	LEAD	4	56	80	83	101
44465	68107	LEAD	5	55	77	83	99
44466	68107	LEAD	4	210	267	197	240
44467	68107	LEAD	5	84	117	105	129

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44468	68107	LEAD	5	160	293	161	259
44469	68107	LEAD	5	209	291	197	257
44470	68107	LEAD	4	40	50	72	79
44471	68107	LEAD	4	79	149	101	152
44472	68107	LEAD	3	123	227	133	210
44473	68107	LEAD	4	245	417	223	350
44474	68107	LEAD	4	59	74	85	97
44475	68107	LEAD	5	108	167	122	166
44476	68107	LEAD	5	127	160	136	161
44477	68107	LEAD	4	172	294	169	260
44478	68107	LEAD	4	41	47	72	77
44479	68107	LEAD	5	241	386	220	327
44482	68107	LEAD	5	116	195	128	186
44483	68107	LEAD	4	103	150	118	153
44484	68107	LEAD	4	74	83	96	104
44486	68107	LEAD	4	77	123	99	133
44487	68107	LEAD	4	43	52	74	81
44489	68107	LEAD	4	123	162	133	162
44490	68107	LEAD	5	200	498	190	411
44491	68107	LEAD	5	40	52	71	81
44492	68107	LEAD	5	95	136	112	142
44493	68107	LEAD	4	58	68	85	92
44494	68107	LEAD	4	116	176	128	172
44496	68107	LEAD	4	35	39	68	71
44498	68107	LEAD	4	105	126	120	136
44500	68107	LEAD	5	173	230	170	213
44501	68107	LEAD	4	117	216	128	202
44502	68107	LEAD	5	183	280	177	249
44503	68107	LEAD	5	81	120	102	131
44504	68107	LEAD	5	65	117	90	129
44506	68107	LEAD	4	52	58	80	85
44507	68107	LEAD	4	74	99	97	115
44508	68107	LEAD	4	49	72	78	95
44509	68107	LEAD	4	184	302	178	266
44510	68107	LEAD	3	162	232	162	214
44511	68107	LEAD	4	52	75	80	98
44512	68107	LEAD	5	94	129	111	137
44514	68107	LEAD	4	161	230	161	212
44515	68107	LEAD	5	59	73	86	96
44516	68107	LEAD	6	194	284	185	252
44517	68107	LEAD	4	51	65	79	90
44518	68107	LEAD	6	58	79	85	101
44519	68107	LEAD	3	84	99	104	115
44520	68107	LEAD	4	39	52	71	81
44521	68107	LEAD	4	68	89	92	108

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44522	68107	LEAD	4	60	72	86	95
44523	68107	LEAD	4	58	71	85	94
44524	68107	LEAD	4	41	76	72	98
44525	68107	LEAD	4	90	108	109	122
44526	68107	LEAD	4	144	273	149	244
44527	68107	LEAD	4	57	66	84	91
44528	68107	LEAD	5	123	185	133	179
44529	68107	LEAD	4	44	54	75	82
44530	68107	LEAD	5	57	68	84	92
44531	68107	LEAD	4	170	236	168	217
44533	68107	LEAD	4	121	177	131	173
44534	68107	LEAD	4	106	190	121	182
44535	68107	LEAD	4	103	118	118	129
44536	68107	LEAD	4	89	135	108	142
44537	68107	LEAD	3	42	43	73	74
44538	68107	LEAD	4	219	341	204	295
44539	68107	LEAD	5	48	73	78	96
44540	68107	LEAD	4	97	111	114	124
44541	68107	LEAD	4	52	74	81	96
44542	68107	LEAD	5	51	71	80	95
44543	68107	LEAD	4	88	109	107	123
44545	68107	LEAD	4	52	53	80	81
44546	68107	LEAD	4	186	287	180	254
44548	68107	LEAD	4	61	69	87	93
44549	68107	LEAD	6	68	84	92	104
44550	68107	LEAD	3	74	88	97	107
44552	68107	LEAD	4	79	87	100	106
44553	68107	LEAD	4	99	132	115	139
44554	68107	LEAD	5	84	205	104	194
44555	68107	LEAD	5	108	141	122	146
44556	68107	LEAD	4	67	71	91	95
44557	68107	LEAD	5	92	127	110	136
44558	68107	LEAD	4	85	133	105	141
44559	68107	LEAD	5	137	299	144	263
44560	68107	LEAD	5	55	79	83	100
44562	68107	LEAD	6	34	79	67	101
44564	68107	LEAD	4	63	84	88	104
44565	68107	LEAD	5	85	148	105	151
44566	68107	LEAD	4	104	165	119	164
44567	68107	LEAD	5	103	166	118	165
44568	68107	LEAD	4	109	140	123	146
44569	68107	LEAD	4	98	101	114	117
44570	68107	LEAD	5	47	81	77	102
44571	68107	LEAD	4	218	414	203	348
44573	68107	LEAD	3	77	103	99	118

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44574	68107	LEAD	4	77	92	99	110
44575	68107	LEAD	4	155	201	157	191
44576	68107	LEAD	4	67	104	92	119
44577	68107	LEAD	4	129	144	138	149
44578	68107	LEAD	4	126	160	136	161
44579	68107	LEAD	5	263	1045	237	815
44580	68107	LEAD	5	145	232	150	214
44581	68107	LEAD	5	110	243	123	222
44582	68107	LEAD	4	64	82	89	103
44584	68107	LEAD	4	62	92	88	110
44585	68107	LEAD	4	133	150	140	153
44588	68107	LEAD	4	194	322	185	280
44589	68107	LEAD	5	88	115	107	127
44590	68107	LEAD	4	144	175	148	172
44591	68107	LEAD	4	158	201	159	191
44592	68107	LEAD	4	157	197	158	188
44595	68107	LEAD	4	154	212	156	199
44597	68107	LEAD	4	95	117	113	129
44600	68107	LEAD	4	211	341	198	294
44604	68107	LEAD	4	49	98	79	115
44605	68107	LEAD	5	115	155	127	157
44606	68107	LEAD	5	79	221	101	205
44607	68107	LEAD	5	228	358	211	307
44608	68107	LEAD	4	155	194	157	186
44609	68107	LEAD	5	71	151	95	154
44610	68107	LEAD	4	380	484	323	400
44611	68107	LEAD	4	79	99	101	115
44612	68107	LEAD	4	161	185	161	179
44613	68107	LEAD	4	232	336	214	291
44614	68107	LEAD	6	138	230	144	212
44615	68107	LEAD	5	118	170	129	168
44616	68107	LEAD	4	59	93	86	111
44617	68107	LEAD	4	186	308	179	270
44618	68107	LEAD	4	85	111	105	124
44619	68107	LEAD	5	157	275	158	246
44620	68107	LEAD	4	90	124	108	134
44621	68107	LEAD	4	113	160	126	161
44623	68107	LEAD	4	139	304	145	267
44624	68107	LEAD	4	44	54	74	82
44625	68107	LEAD	3	118	147	129	151
44626	68107	LEAD	4	242	360	221	309
44627	68107	LEAD	4	182	310	177	271
44630	68107	LEAD	4	196	394	187	334
44631	68107	LEAD	5	56	114	84	126
44632	68107	LEAD	4	53	77	81	99

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44633	68107	LEAD	5	102	169	117	167
44635	68107	LEAD	4	81	122	102	132
44636	68107	LEAD	5	131	200	139	190
44640	68107	LEAD	5	59	103	86	118
44641	68107	LEAD	4	61	73	87	96
44642	68107	LEAD	4	68	80	93	102
44644	68107	LEAD	4	55	85	83	105
44645	68107	LEAD	4	67	113	92	126
44646	68107	LEAD	4	59	70	86	94
44648	68107	LEAD	4	145	292	149	258
44649	68107	LEAD	4	39	56	71	83
44650	68107	LEAD	5	184	267	178	240
44654	68107	LEAD	4	40	54	72	82
44655	68107	LEAD	5	135	234	142	215
44656	68107	LEAD	5	94	115	112	127
44658	68107	LEAD	4	88	121	107	131
44659	68107	LEAD	4	120	142	131	147
44660	68107	LEAD	5	137	313	144	274
44662	68107	LEAD	4	89	110	108	123
44664	68107	LEAD	5	61	106	87	120
44666	68107	LEAD	5	151	211	154	198
44667	68107	LEAD	4	397	578	336	470
44668	68107	LEAD	4	168	303	166	266
44669	68107	LEAD	4	144	166	148	165
44671	68107	LEAD	4	123	200	133	190
44672	68107	LEAD	5	147	185	151	179
44673	68107	LEAD	5	76	133	98	140
44674	68107	LEAD	5	125	220	135	205
44675	68107	LEAD	4	122	249	132	226
44677	68107	LEAD	5	81	105	102	120
44678	68107	LEAD	5	90	137	108	144
44680	68107	LEAD	2	1015	1945	793	1481
44681	68107	LEAD	4	100	148	116	152
44682	68107	LEAD	4	55	84	83	104
44683	68107	LEAD	2	712	1283	569	991
44684	68107	LEAD	4	38	69	70	93
44686	68107	LEAD	4	76	105	98	120
44687	68107	LEAD	5	117	186	129	180
44688	68107	LEAD	4	117	254	128	230
44689	68107	LEAD	4	174	259	171	234
44691	68107	LEAD	4	108	253	122	229
44693	68107	LEAD	4	200	223	190	207
44694	68107	LEAD	4	216	434	201	363
44695	68107	LEAD	3	144	217	148	203
44696	68107	LEAD	5	67	84	92	104

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44697	68107	LEAD	4	49	66	78	91
44698	68107	LEAD	5	181	248	176	226
44700	68107	LEAD	4	85	94	105	112
44701	68107	LEAD	4	118	182	129	177
44702	68107	LEAD	3	136	178	143	173
44704	68107	LEAD	2	163	202	163	192
44705	68107	LEAD	4	191	292	183	258
44706	68107	LEAD	4	52	76	81	98
44709	68107	LEAD	4	105	144	119	148
44710	68107	LEAD	4	121	143	131	148
44711	68107	LEAD	4	119	179	130	175
44712	68107	LEAD	4	159	261	159	235
44713	68107	LEAD	4	80	115	101	127
44714	68107	LEAD	4	230	319	212	278
44715	68107	LEAD	5	243	435	222	364
44716	68107	LEAD	3	60	70	86	94
44719	68107	LEAD	5	171	380	168	323
44721	68107	LEAD	4	115	220	127	205
44722	68107	LEAD	5	81	105	102	120
44723	68107	LEAD	4	45	61	75	87
44724	68107	LEAD	4	124	169	134	167
44725	68107	LEAD	4	114	205	127	194
44726	68107	LEAD	4	111	152	124	154
44727	68107	LEAD	5	59	79	85	100
44728	68107	LEAD	4	70	108	94	122
44729	68107	LEAD	5	54	56	82	84
44730	68107	LEAD	4	135	307	142	269
44731	68107	LEAD	4	242	407	221	344
44732	68107	LEAD	4	76	109	99	123
44733	68107	LEAD	5	91	137	109	144
44734	68107	LEAD	4	36	45	69	75
44736	68107	LEAD	4	71	105	95	119
44737	68107	LEAD	4	72	84	95	104
44738	68107	LEAD	5	72	105	95	120
44740	68107	LEAD	5	142	205	147	194
44741	68107	LEAD	4	126	241	136	220
44742	68107	LEAD	5	88	155	107	157
44743	68107	LEAD	5	122	165	132	164
44744	68107	LEAD	6	162	329	162	285
44745	68107	LEAD	5	31	56	65	83
44747	68107	LEAD	4	109	182	123	177
44748	68107	LEAD	4	91	132	109	140
44749	68107	LEAD	4	124	209	134	197
44751	68107	LEAD	4	201	500	191	412
44752	68107	LEAD	2	59	63	86	89

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44753	68107	LEAD	6	85	184	105	178
44755	68107	LEAD	4	80	118	102	129
44756	68107	LEAD	3	62	76	88	98
44757	68107	LEAD	4	65	84	90	104
44759	68107	LEAD	4	63	93	89	111
44760	68107	LEAD	5	190	354	183	304
44761	68107	LEAD	4	39	50	71	79
44762	68107	LEAD	4	75	90	98	108
44763	68107	LEAD	4	131	222	139	207
44765	68107	LEAD	4	92	125	110	135
44767	68107	LEAD	4	223	497	207	410
44768	68107	LEAD	4	184	215	178	201
44769	68107	LEAD	4	342	573	295	466
44771	68107	LEAD	4	79	164	100	163
44772	68107	LEAD	4	59	72	86	95
44773	68107	LEAD	4	340	638	294	514
44774	68107	LEAD	4	89	113	108	126
44776	68107	LEAD	4	152	169	154	167
44777	68107	LEAD	5	120	147	130	151
44778	68107	LEAD	4	81	112	102	125
44779	68107	LEAD	3	233	385	215	327
44780	68107	LEAD	4	62	71	88	94
44781	68107	LEAD	6	68	94	92	112
44783	68107	LEAD	4	198	241	188	220
44784	68107	LEAD	4	173	212	170	199
44785	68107	LEAD	4	39	49	71	79
44786	68107	LEAD	3	69	81	93	102
44788	68107	LEAD	4	156	225	158	209
44789	68107	LEAD	4	98	154	115	156
44790	68107	LEAD	4	206	468	194	388
44793	68107	LEAD	4	43	54	74	82
44794	68107	LEAD	4	111	148	124	152
44795	68107	LEAD	4	89	185	108	179
44796	68107	LEAD	4	97	129	114	137
44797	68107	LEAD	4	100	115	116	127
44798	68107	LEAD	5	87	132	106	140
44799	68107	LEAD	4	427	747	358	595
44800	68107	LEAD	4	119	158	130	159
44801	68107	LEAD	4	94	105	112	120
44802	68107	LEAD	5	119	234	130	215
44803	68107	LEAD	4	65	86	90	105
44804	68107	LEAD	4	103	131	118	139
44805	68107	LEAD	3	113	146	126	150
44806	68107	LEAD	2	95	100	112	116
44807	68107	LEAD	3	233	291	215	258

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44808	68107	LEAD	4	136	219	143	204
44809	68107	LEAD	4	545	909	445	715
44810	68107	LEAD	4	99	150	115	153
44811	68107	LEAD	6	37	54	70	82
44812	68107	LEAD	6	206	432	194	362
44814	68107	LEAD	5	126	244	135	223
44816	68107	LEAD	2	243	247	222	225
44817	68107	LEAD	6	259	844	233	667
44820	68107	LEAD	5	49	68	78	92
44821	68107	LEAD	4	68	74	92	96
44822	68107	LEAD	4	98	198	114	189
44823	68107	LEAD	3	130	252	138	228
44824	68107	LEAD	4	119	160	130	161
44825	68107	LEAD	4	123	211	133	198
44826	68107	LEAD	4	84	139	104	145
44827	68107	LEAD	4	104	134	119	141
44828	68107	LEAD	5	202	461	192	383
44829	68107	LEAD	5	222	282	206	251
44831	68107	LEAD	4	115	132	127	139
44832	68107	LEAD	3	344	774	296	615
44833	68107	LEAD	4	221	233	206	214
44834	68107	LEAD	4	93	105	111	120
44835	68107	LEAD	5	146	233	150	215
44836	68107	LEAD	4	76	120	98	131
44837	68107	LEAD	4	358	663	307	532
44838	68107	LEAD	3	427	546	358	446
44839	68107	LEAD	4	137	196	143	187
44840	68107	LEAD	4	85	117	105	129
44841	68107	LEAD	4	182	273	177	244
44842	68107	LEAD	4	212	374	199	319
44844	68107	LEAD	5	89	116	108	128
44845	68107	LEAD	4	63	107	89	121
44846	68107	LEAD	5	151	162	154	162
44848	68107	LEAD	4	54	123	82	133
44849	68107	LEAD	3	123	127	133	136
44851	68107	LEAD	4	158	229	159	211
44852	68107	LEAD	4	144	242	149	221
44853	68107	LEAD	4	119	130	130	139
44854	68107	LEAD	5	61	70	87	94
44855	68107	LEAD	4	247	317	225	277
44856	68107	LEAD	5	165	256	164	231
44857	68107	LEAD	4	187	250	180	227
44858	68107	LEAD	5	253	408	229	344
44859	68107	LEAD	5	99	126	116	135
44860	68107	LEAD	4	129	168	137	167

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44861	68107	LEAD	2	70	77	94	99
44863	68107	LEAD	4	147	185	151	179
44864	68107	LEAD	4	126	194	136	185
44865	68107	LEAD	3	115	117	127	128
44866	68107	LEAD	4	167	329	166	286
44867	68107	LEAD	4	77	87	99	106
44869	68107	LEAD	5	164	261	164	235
44870	68107	LEAD	6	89	136	108	143
44872	68107	LEAD	5	37	51	70	80
44873	68107	LEAD	4	144	205	149	194
44874	68107	LEAD	5	116	154	128	156
44875	68107	LEAD	4	214	289	200	256
44876	68107	LEAD	4	201	341	191	294
44877	68107	LEAD	4	362	453	310	377
44879	68107	LEAD	6	154	234	156	215
44880	68107	LEAD	4	105	169	120	167
44881	68107	LEAD	4	179	262	175	236
44882	68107	LEAD	3	340	433	293	362
44883	68107	LEAD	4	274	506	245	416
44884	68107	LEAD	3	66	79	91	100
44885	68107	LEAD	4	189	378	182	322
44886	68107	LEAD	4	62	79	88	101
44887	68107	LEAD	4	111	179	124	174
44890	68107	LEAD	2	260	331	234	287
44891	68107	LEAD	3	121	224	131	208
44892	68107	LEAD	4	331	606	287	490
44893	68107	LEAD	4	114	157	127	158
44894	68107	LEAD	4	92	137	110	143
44895	68107	LEAD	3	283	519	251	426
44896	68107	LEAD	4	81	132	102	140
44897	68107	LEAD	4	141	213	146	200
44898	68107	LEAD	4	41	60	72	86
44899	68107	LEAD	3	218	406	203	342
44900	68107	LEAD	4	132	286	140	253
44901	68107	LEAD	4	71	87	95	107
44902	68107	LEAD	4	53	73	81	96
44903	68107	LEAD	3	47	54	77	82
44904	68107	LEAD	4	133	211	141	198
44906	68107	LEAD	5	170	332	168	288
44907	68107	LEAD	3	87	102	107	118
44908	68107	LEAD	4	110	138	124	144
44910	68107	LEAD	2	90	103	109	118
44911	68107	LEAD	4	33	51	66	80
44912	68107	LEAD	5	50	72	79	95
44915	68107	LEAD	2	92	106	110	121

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44916	68107	LEAD	4	67	71	92	95
44917	68107	LEAD	4	81	93	102	111
44918	68107	LEAD	4	126	198	135	188
44919	68107	LEAD	5	155	217	157	203
44921	68107	LEAD	2	48	73	78	96
44923	68107	LEAD	5	111	160	124	161
44924	68107	LEAD	3	187	443	180	370
44925	68107	LEAD	4	308	381	270	324
44926	68107	LEAD	3	82	89	103	108
44927	68107	LEAD	5	175	597	172	484
44928	68107	LEAD	6	244	336	223	291
44929	68107	LEAD	5	100	190	116	183
44930	68107	LEAD	4	78	103	100	118
44931	68107	LEAD	4	125	236	135	217
44932	68107	LEAD	2	98	119	115	130
44934	68107	LEAD	4	53	60	81	86
44935	68107	LEAD	5	103	132	118	140
44936	68107	LEAD	2	44	66	74	91
44937	68107	LEAD	4	74	92	97	110
44938	68107	LEAD	4	105	133	120	140
44939	68107	LEAD	4	197	286	188	254
44941	68107	LEAD	5	102	141	118	147
44942	68107	LEAD	4	76	100	98	116
44943	68107	LEAD	4	140	191	146	184
44944	68107	LEAD	3	77	111	99	124
44945	68107	LEAD	5	73	111	96	124
44946	68107	LEAD	5	53	78	81	100
44947	68107	LEAD	5	313	579	273	470
44948	68107	LEAD	3	76	88	98	107
44949	68107	LEAD	4	120	170	131	168
44950	68107	LEAD	4	274	318	245	277
44951	68107	LEAD	4	132	175	140	171
44952	68107	LEAD	4	85	129	105	138
44953	68107	LEAD	5	134	235	141	216
44954	68107	LEAD	4	77	105	99	120
44955	68107	LEAD	3	57	73	85	96
44957	68107	LEAD	3	88	126	107	135
44958	68107	LEAD	3	731	1862	583	1420
44959	68107	LEAD	4	65	85	90	105
44961	68107	LEAD	4	119	210	130	197
44962	68107	LEAD	4	84	175	104	171
44963	68107	LEAD	3	121	189	132	182
44965	68107	LEAD	4	23	31	59	65
44966	68107	LEAD	4	135	178	142	173
44967	68107	LEAD	4	214	504	200	415

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
44968	68107	LEAD	4	163	206	163	195
44969	68107	LEAD	5	91	118	110	130
44970	68107	LEAD	4	98	213	115	199
44971	68107	LEAD	4	125	208	134	196
44972	68107	LEAD	4	328	404	284	341
44974	68107	LEAD	5	89	105	108	119
44975	68107	LEAD	4	220	327	204	284
44976	68107	LEAD	4	206	335	195	290
44977	68107	LEAD	2	255	296	231	261
44978	68107	LEAD	4	192	463	184	384
44979	68107	LEAD	4	88	179	107	174
44980	68107	LEAD	4	173	246	170	224
44981	68107	LEAD	5	59	119	86	130
44983	68107	LEAD	5	156	268	157	240
44984	68107	LEAD	4	96	125	113	135
44985	68107	LEAD	6	250	359	227	307
44986	68107	LEAD	5	47	86	76	105
44987	68107	LEAD	4	82	123	103	133
44988	68107	LEAD	4	136	208	142	196
44989	68107	LEAD	5	89	159	108	160
44990	68107	LEAD	3	119	171	130	169
44991	68107	LEAD	5	153	420	155	353
44992	68107	LEAD	4	184	294	178	259
44993	68107	LEAD	5	214	349	200	300
44994	68107	LEAD	5	81	98	102	115
44996	68107	LEAD	3	123	158	133	159
44997	68107	LEAD	2	138	141	144	147
44999	68107	LEAD	5	156	223	158	207
45000	68107	LEAD	5	174	302	171	266
45001	68107	LEAD	5	195	335	186	290
45002	68107	LEAD	4	137	230	143	213
45004	68107	LEAD	4	48	69	77	93
45005	68107	LEAD	5	158	262	159	236
45006	68107	LEAD	4	201	370	191	316
45007	68107	LEAD	4	522	1097	428	854
45008	68107	LEAD	4	195	231	187	213
45009	68107	LEAD	2	167	227	166	210
45010	68107	LEAD	5	70	103	94	119
45011	68107	LEAD	4	95	124	112	134
45012	68107	LEAD	4	147	183	151	178
45013	68107	LEAD	4	489	546	403	446
45014	68107	LEAD	4	79	122	101	132
45015	68107	LEAD	4	240	444	219	371
45017	68107	LEAD	4	306	358	268	307
45018	68107	LEAD	4	100	127	116	136

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45020	68107	LEAD	2	229	263	212	237
45021	68107	LEAD	3	95	174	112	171
45022	68107	LEAD	4	237	322	217	280
45023	68107	LEAD	4	141	306	147	268
45024	68107	LEAD	4	62	94	88	112
45025	68107	LEAD	3	185	235	179	216
45026	68107	LEAD	5	109	225	123	208
45027	68107	LEAD	4	60	82	86	103
45028	68107	LEAD	4	239	323	219	281
45029	68107	LEAD	1	12	12	51	51
45030	68107	LEAD	4	194	429	185	360
45031	68107	LEAD	3	76	104	98	119
45032	68107	LEAD	5	93	138	111	144
45033	68107	LEAD	3	19	24	56	60
45034	68107	LEAD	4	46	57	76	84
45036	68107	LEAD	4	187	471	180	390
45037	68107	LEAD	4	77	103	99	118
45038	68107	LEAD	6	108	198	122	188
45040	68107	LEAD	4	154	358	156	307
45041	68107	LEAD	4	161	245	161	223
45042	68107	LEAD	4	100	163	116	163
45043	68107	LEAD	3	105	140	120	146
45044	68107	LEAD	3	77	86	99	106
45046	68107	LEAD	6	40	50	72	79
45047	68107	LEAD	4	86	100	105	116
45048	68107	LEAD	5	228	606	211	491
45050	68107	LEAD	3	72	77	95	99
45051	68107	LEAD	4	246	293	224	259
45052	68107	LEAD	4	155	222	157	206
45053	68107	LEAD	4	190	219	183	204
45054	68107	LEAD	4	212	516	199	424
45056	68107	LEAD	4	135	361	142	309
45057	68107	LEAD	5	53	72	81	95
45059	68107	LEAD	4	249	396	226	335
45060	68107	LEAD	5	88	128	107	137
45061	68107	LEAD	2	125	140	135	145
45062	68107	LEAD	4	118	165	129	164
45063	68107	LEAD	2	93	145	111	149
45064	68107	LEAD	5	341	456	294	379
45065	68107	LEAD	4	208	307	196	269
45066	68107	LEAD	5	130	256	138	232
45067	68107	LEAD	4	110	172	123	169
45068	68107	LEAD	5	200	304	190	267
45069	68107	LEAD	4	171	237	169	217
45071	68107	LEAD	5	45	88	76	107

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45072	68107	LEAD	5	239	336	219	291
45073	68107	LEAD	4	91	133	110	141
45074	68107	LEAD	4	76	122	98	132
45075	68107	LEAD	4	86	107	106	121
45076	68107	LEAD	4	84	107	104	121
45077	68107	LEAD	5	69	98	93	115
45078	68107	LEAD	4	86	139	106	145
45080	68107	LEAD	4	119	172	130	169
45081	68107	LEAD	4	127	193	136	185
45082	68107	LEAD	4	141	190	146	183
45084	68107	LEAD	5	152	344	155	296
45085	68107	LEAD	4	72	113	96	126
45086	68107	LEAD	4	66	87	91	106
45087	68107	LEAD	4	97	141	113	146
45091	68107	LEAD	3	79	98	101	114
45092	68107	LEAD	4	76	121	98	132
45093	68107	LEAD	5	70	94	94	112
45094	68107	LEAD	2	150	263	153	236
45095	68107	LEAD	4	91	147	109	151
45097	68107	LEAD	4	121	182	131	177
45098	68107	LEAD	4	210	392	197	332
45099	68107	LEAD	5	59	73	86	96
45100	68107	LEAD	5	174	273	171	244
45101	68107	LEAD	3	251	297	227	262
45102	68107	LEAD	4	43	67	74	91
45103	68107	LEAD	4	71	112	94	125
45104	68107	LEAD	4	62	141	88	146
45105	68107	LEAD	4	42	51	73	80
45106	68107	LEAD	4	164	377	164	321
45108	68107	LEAD	5	171	262	168	236
45109	68107	LEAD	4	34	36	67	68
45110	68107	LEAD	5	79	94	101	112
45111	68107	LEAD	5	84	117	104	129
45113	68107	LEAD	5	117	186	128	180
45115	68107	LEAD	3	71	89	95	107
45116	68107	LEAD	4	113	134	126	141
45117	68107	LEAD	4	79	199	101	189
45118	68107	LEAD	4	48	63	78	89
45120	68107	LEAD	3	63	93	89	111
45122	68107	LEAD	5	112	173	125	170
45123	68107	LEAD	4	110	213	123	200
45124	68107	LEAD	4	335	405	290	342
45125	68107	LEAD	4	174	255	171	230
45126	68107	LEAD	5	113	179	126	174
45127	68107	LEAD	4	98	128	115	137

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45128	68107	LEAD	4	249	376	226	320
45129	68107	LEAD	4	39	43	71	74
45131	68107	LEAD	4	131	203	139	192
45132	68107	LEAD	4	60	73	86	96
45133	68107	LEAD	4	200	250	190	227
45134	68107	LEAD	4	112	151	125	154
45135	68107	LEAD	4	119	157	130	158
45136	68107	LEAD	3	147	228	151	211
45138	68107	LEAD	4	111	146	124	150
45139	68107	LEAD	4	155	244	157	222
45140	68107	LEAD	5	152	318	154	277
45141	68107	LEAD	4	93	171	111	168
45142	68107	LEAD	4	62	76	88	98
45143	68107	LEAD	5	76	144	98	149
45144	68107	LEAD	4	183	330	177	286
45145	68107	LEAD	4	88	110	107	124
45146	68107	LEAD	4	106	140	120	146
45147	68107	LEAD	5	131	267	139	240
45148	68107	LEAD	4	86	105	105	120
45149	68107	LEAD	4	70	83	94	103
45150	68107	LEAD	5	225	437	209	365
45151	68107	LEAD	4	77	120	99	131
45152	68107	LEAD	4	66	90	91	109
45153	68107	LEAD	5	467	805	387	638
45154	68107	LEAD	4	124	158	134	159
45155	68107	LEAD	4	122	148	132	151
45156	68107	LEAD	4	281	302	250	265
45157	68107	LEAD	5	158	278	159	248
45158	68107	LEAD	4	285	480	253	397
45159	68107	LEAD	5	93	126	111	135
45160	68107	LEAD	4	373	668	318	536
45161	68107	LEAD	5	72	114	95	126
45162	68107	LEAD	4	96	131	113	139
45163	68107	LEAD	5	73	163	96	162
45164	68107	LEAD	4	162	211	162	198
45165	68107	LEAD	4	102	143	117	148
45166	68107	LEAD	4	177	503	173	414
45167	68107	LEAD	4	156	217	157	203
45168	68107	LEAD	5	201	377	190	321
45169	68107	LEAD	4	81	166	102	165
45171	68107	LEAD	4	83	108	103	122
45172	68107	LEAD	5	27	34	62	67
45173	68107	LEAD	5	26	36	61	69
45174	68107	LEAD	4	231	410	213	346
45175	68107	LEAD	4	118	260	129	234

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45176	68107	LEAD	4	92	164	110	163
45177	68107	LEAD	5	248	304	225	267
45178	68107	LEAD	5	50	64	79	89
45179	68107	LEAD	4	177	334	173	289
45180	68107	LEAD	5	88	101	107	117
45181	68107	LEAD	4	85	160	105	161
45182	68107	LEAD	4	144	176	148	172
45183	68107	LEAD	5	114	151	126	154
45184	68107	LEAD	4	52	71	80	94
45185	68107	LEAD	4	78	126	100	135
45186	68107	LEAD	5	551	849	450	670
45187	68107	LEAD	5	355	530	304	434
45188	68107	LEAD	4	54	66	82	91
45189	68107	LEAD	5	70	106	93	120
45190	68107	LEAD	4	176	479	172	396
45191	68107	LEAD	4	207	412	195	347
45192	68107	LEAD	4	142	208	147	196
45193	68107	LEAD	5	55	67	83	92
45194	68107	LEAD	2	72	80	96	101
45195	68107	LEAD	5	168	213	166	200
45196	68107	LEAD	4	91	140	109	145
45197	68107	LEAD	4	131	208	139	196
45198	68107	LEAD	4	251	337	228	292
45199	68107	LEAD	4	110	206	124	195
45201	68107	LEAD	5	62	76	88	98
45202	68107	LEAD	3	49	54	78	82
45203	68107	LEAD	2	75	109	98	123
45204	68107	LEAD	4	133	173	140	170
45205	68107	LEAD	4	157	216	158	202
45206	68107	LEAD	5	123	171	133	169
45207	68107	LEAD	5	59	98	86	115
45209	68107	LEAD	3	379	541	322	442
45210	68107	LEAD	4	109	190	123	183
45211	68107	LEAD	4	57	84	84	104
45213	68107	LEAD	5	292	451	258	376
45214	68107	LEAD	4	231	303	213	266
45217	68107	LEAD	5	169	319	167	278
45218	68107	LEAD	4	169	173	167	170
45219	68107	LEAD	3	174	263	171	236
45220	68107	LEAD	4	59	79	85	101
45221	68107	LEAD	4	93	165	111	164
45222	68107	LEAD	5	208	327	196	284
45223	68107	LEAD	4	87	141	107	146
45224	68107	LEAD	4	174	266	171	239
45225	68107	LEAD	5	98	154	114	156

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45226	68107	LEAD	4	97	147	114	151
45227	68107	LEAD	3	67	82	91	103
45228	68107	LEAD	4	134	203	141	192
45229	68107	LEAD	4	105	131	120	139
45231	68107	LEAD	4	94	153	111	155
45232	68107	LEAD	4	332	637	288	513
45233	68107	LEAD	4	60	80	87	101
45234	68107	LEAD	4	167	208	165	196
45235	68107	LEAD	4	49	60	79	86
45236	68107	LEAD	4	134	159	141	160
45237	68107	LEAD	4	134	175	141	172
45238	68107	LEAD	4	92	127	110	136
45239	68107	LEAD	3	94	134	112	141
45241	68107	LEAD	2	146	184	150	178
45242	68107	LEAD	4	146	222	150	206
45243	68107	LEAD	4	187	290	180	256
45244	68107	LEAD	3	101	118	117	129
45245	68107	LEAD	4	85	139	105	145
45246	68107	LEAD	5	135	156	142	157
45247	68107	LEAD	4	66	103	91	118
45248	68107	LEAD	4	328	563	285	459
45249	68107	LEAD	3	77	98	99	114
45250	68107	LEAD	4	157	295	158	260
45251	68107	LEAD	4	107	186	121	180
45252	68107	LEAD	4	67	97	92	114
45255	68107	LEAD	4	63	81	88	102
45256	68107	LEAD	4	88	129	107	137
45257	68107	LEAD	4	118	160	129	161
45259	68107	LEAD	4	55	65	83	90
45260	68107	LEAD	4	60	82	86	103
45262	68107	LEAD	4	143	217	148	202
45263	68107	LEAD	4	83	90	103	108
45264	68107	LEAD	4	37	61	69	87
45265	68107	LEAD	4	38	62	70	88
45267	68107	LEAD	4	137	170	143	168
45268	68107	LEAD	5	149	221	152	205
45269	68107	LEAD	5	145	206	149	194
45270	68107	LEAD	4	99	175	115	172
45271	68107	LEAD	4	48	60	77	86
45272	68107	LEAD	5	66	108	91	122
45273	68107	LEAD	4	68	83	93	103
45274	68107	LEAD	5	54	67	82	92
45275	68107	LEAD	3	91	130	109	138
45276	68107	LEAD	5	83	166	103	164
45277	68107	LEAD	4	147	221	151	205

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45278	68107	LEAD	5	238	613	218	495
45281	68107	LEAD	4	120	164	131	164
45282	68107	LEAD	4	122	180	133	175
45283	68107	LEAD	4	65	83	90	103
45285	68107	LEAD	4	231	378	213	322
45286	68107	LEAD	4	69	155	93	156
45287	68107	LEAD	5	74	95	97	112
45289	68107	LEAD	4	233	398	215	337
45291	68107	LEAD	5	61	82	87	103
45292	68107	LEAD	4	195	592	186	480
45293	68107	LEAD	4	208	379	196	322
45294	68107	LEAD	4	53	67	81	92
45295	68107	LEAD	4	162	329	162	285
45296	68107	LEAD	4	128	193	137	185
45297	68107	LEAD	4	101	140	117	145
45298	68107	LEAD	4	54	109	82	123
45299	68107	LEAD	3	235	269	216	241
45300	68107	LEAD	4	414	707	348	565
45301	68107	LEAD	5	71	103	94	118
45303	68107	LEAD	4	99	161	115	161
45304	68107	LEAD	4	141	169	146	167
45305	68107	LEAD	5	52	83	80	103
45306	68107	LEAD	4	117	230	129	212
45307	68107	LEAD	3	125	226	134	209
45308	68107	LEAD	4	60	76	86	98
45310	68107	LEAD	4	334	869	289	685
45311	68107	LEAD	5	54	88	82	107
45312	68107	LEAD	4	81	94	102	111
45313	68107	LEAD	4	83	145	103	149
45314	68107	LEAD	3	91	116	110	128
45315	68107	LEAD	4	77	103	99	118
45316	68107	LEAD	5	101	179	116	174
45317	68107	LEAD	4	174	340	171	294
45318	68107	LEAD	4	164	273	163	244
45320	68107	LEAD	4	208	291	196	257
45321	68107	LEAD	4	124	144	134	148
45322	68107	LEAD	4	158	177	159	173
45323	68107	LEAD	3	74	125	97	135
45324	68107	LEAD	5	106	134	120	141
45325	68107	LEAD	4	182	258	177	233
45326	68107	LEAD	4	81	105	102	119
45327	68107	LEAD	4	77	85	99	105
45328	68107	LEAD	4	230	402	213	339
45329	68107	LEAD	4	84	127	104	136
45330	68107	LEAD	4	1671	3567	1279	2682

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45333	68107	LEAD	5	189	547	182	447
45334	68107	LEAD	4	84	163	104	162
45335	68107	LEAD	4	121	149	132	152
45338	68107	LEAD	4	87	143	106	147
45339	68107	LEAD	4	19	22	56	58
45340	68107	LEAD	4	74	91	97	109
45341	68107	LEAD	4	115	175	127	172
45342	68107	LEAD	5	77	118	99	129
45343	68107	LEAD	4	282	516	251	424
45345	68107	LEAD	4	173	402	170	339
45346	68107	LEAD	5	100	183	116	177
45348	68107	LEAD	5	352	476	302	394
45349	68107	LEAD	5	67	107	92	121
45350	68107	LEAD	4	95	161	112	161
45351	68107	LEAD	4	190	385	182	327
45353	68107	LEAD	4	70	85	94	105
45354	68107	LEAD	4	107	188	121	181
45355	68107	LEAD	5	117	180	128	175
45356	68107	LEAD	4	100	146	116	150
45358	68107	LEAD	4	55	68	83	92
45360	68107	LEAD	4	107	162	121	162
45361	68107	LEAD	4	72	117	95	128
45362	68107	LEAD	2	67	77	91	99
45364	68107	LEAD	4	61	76	87	98
45365	68107	LEAD	4	83	163	103	163
45366	68107	LEAD	4	102	164	118	163
45367	68107	LEAD	4	88	131	107	139
45368	68107	LEAD	5	137	197	144	187
45369	68107	LEAD	4	86	104	106	119
45370	68107	LEAD	4	56	81	83	102
45371	68107	LEAD	4	39	52	71	81
45372	68107	LEAD	4	141	320	146	278
45373	68107	LEAD	4	80	120	101	131
45374	68107	LEAD	6	170	196	168	187
45375	68107	LEAD	4	187	466	180	386
45376	68107	LEAD	4	72	135	95	142
45377	68107	LEAD	5	432	622	362	503
45378	68107	LEAD	4	78	105	100	120
45379	68107	LEAD	4	78	113	100	126
45380	68107	LEAD	5	212	334	199	289
45381	68107	LEAD	4	69	106	93	121
45382	68107	LEAD	5	399	792	337	628
45383	68107	LEAD	5	33	40	66	71
45384	68107	LEAD	6	63	81	89	102
45385	68107	LEAD	4	89	129	108	137

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45386	68107	LEAD	4	184	411	178	346
45387	68107	LEAD	4	93	133	111	141
45389	68107	LEAD	3	122	129	132	137
45390	68107	LEAD	4	136	188	142	181
45391	68107	LEAD	4	81	124	102	134
45392	68107	LEAD	4	141	199	147	189
45393	68107	LEAD	4	115	171	127	168
45394	68107	LEAD	6	49	61	78	87
45395	68107	LEAD	4	63	100	89	116
45397	68107	LEAD	4	68	95	92	113
45398	68107	LEAD	3	92	102	110	118
45399	68107	LEAD	4	124	146	134	150
45400	68107	LEAD	4	80	110	102	123
45401	68107	LEAD	5	99	158	115	159
45404	68107	LEAD	4	108	158	122	159
45405	68107	LEAD	4	99	149	115	153
45406	68107	LEAD	5	71	117	95	128
45407	68107	LEAD	4	51	66	80	91
45408	68107	LEAD	4	69	145	93	149
45409	68107	LEAD	4	108	200	122	190
45410	68107	LEAD	4	141	242	146	221
45411	68107	LEAD	4	162	316	162	276
45412	68107	LEAD	4	129	176	137	172
45413	68107	LEAD	5	54	87	82	107
45414	68107	LEAD	4	54	80	82	101
45415	68107	LEAD	5	135	169	142	167
45416	68107	LEAD	4	59	115	85	127
45417	68107	LEAD	6	120	147	131	151
45418	68107	LEAD	4	190	262	183	236
45419	68107	LEAD	4	54	65	82	90
45420	68107	LEAD	5	261	459	235	382
45421	68107	LEAD	5	40	59	72	85
45422	68107	LEAD	5	233	341	214	294
45423	68107	LEAD	5	80	216	102	202
45424	68107	LEAD	4	194	282	185	250
45425	68107	LEAD	3	47	60	77	87
45426	68107	LEAD	4	34	42	67	73
45427	68107	LEAD	4	199	334	189	289
45428	68107	LEAD	3	220	391	205	331
45429	68107	LEAD	4	69	73	93	96
45430	68107	LEAD	4	100	158	116	159
45431	68107	LEAD	4	132	173	140	170
45432	68107	LEAD	4	85	148	105	151
45433	68107	LEAD	4	97	141	114	146
45434	68107	LEAD	4	245	643	223	518

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45435	68107	LEAD	5	64	81	89	102
45437	68107	LEAD	4	48	54	77	82
45438	68107	LEAD	5	73	108	96	122
45439	68107	LEAD	4	59	68	86	92
45440	68107	LEAD	5	42	74	73	97
45442	68107	LEAD	5	170	364	168	311
45443	68107	LEAD	5	69	121	93	132
45444	68107	LEAD	4	47	56	77	84
45445	68107	LEAD	4	79	92	101	110
45446	68107	LEAD	4	84	135	104	142
45447	68107	LEAD	4	52	82	80	103
45448	68107	LEAD	4	107	161	121	161
45450	68107	LEAD	4	93	123	111	133
45451	68107	LEAD	4	63	94	89	111
45452	68107	LEAD	4	39	59	71	86
45453	68107	LEAD	4	124	193	134	185
45454	68107	LEAD	4	45	60	75	87
45455	68107	LEAD	5	95	110	113	123
45456	68107	LEAD	4	75	88	98	107
45457	68107	LEAD	5	168	286	166	253
45458	68107	LEAD	4	75	108	98	122
45459	68107	LEAD	4	188	219	181	204
45460	68107	LEAD	4	78	116	100	128
45461	68107	LEAD	4	109	210	123	197
45462	68107	LEAD	3	165	340	164	294
45463	68107	LEAD	5	93	181	111	176
45465	68107	LEAD	4	123	154	133	156
45466	68107	LEAD	4	87	104	107	119
45467	68107	LEAD	3	60	72	86	95
45469	68107	LEAD	4	81	104	102	119
45470	68107	LEAD	4	104	144	119	148
45471	68107	LEAD	4	122	265	132	238
45472	68107	LEAD	4	68	93	92	111
45473	68107	LEAD	4	180	260	175	234
45474	68107	LEAD	4	68	75	92	98
45475	68107	LEAD	4	85	123	105	133
45477	68107	LEAD	4	152	221	154	206
45478	68107	LEAD	4	129	151	138	154
45479	68107	LEAD	4	94	132	112	140
45480	68107	LEAD	5	146	248	150	225
45481	68107	LEAD	4	135	169	142	167
45484	68107	LEAD	3	201	259	191	233
45486	68107	LEAD	4	107	127	121	136
45487	68107	LEAD	4	335	452	290	376
45488	68107	LEAD	5	538	809	440	641

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45489	68107	LEAD	4	925	3105	727	2340
45490	68107	LEAD	5	96	148	113	152
45492	68107	LEAD	6	101	189	117	182
45494	68107	LEAD	4	86	117	106	129
45495	68107	LEAD	5	61	93	87	110
45496	68107	LEAD	4	100	121	116	132
45497	68107	LEAD	4	284	362	252	310
45499	68107	LEAD	4	189	300	182	264
45500	68107	LEAD	3	67	99	92	115
45501	68107	LEAD	4	287	338	254	292
45502	68107	LEAD	4	171	264	169	237
45503	68107	LEAD	4	155	353	157	303
45504	68107	LEAD	4	97	130	114	138
45506	68107	LEAD	3	40	41	71	72
45507	68107	LEAD	4	79	93	100	110
45508	68107	LEAD	3	117	139	128	145
45509	68107	LEAD	5	76	112	98	125
45510	68107	LEAD	4	59	75	85	97
45511	68107	LEAD	4	59	84	86	104
45512	68107	LEAD	4	94	128	111	137
45513	68107	LEAD	5	134	298	141	263
45514	68107	LEAD	5	72	81	95	102
45515	68107	LEAD	4	150	303	153	266
45517	68107	LEAD	4	245	379	224	323
45518	68107	LEAD	4	65	75	90	97
45519	68107	LEAD	4	254	707	230	565
45520	68107	LEAD	4	70	78	94	100
45522	68107	LEAD	4	58	82	85	103
45525	68107	LEAD	4	77	207	99	195
45526	68107	LEAD	4	148	224	151	208
45527	68107	LEAD	4	196	312	187	273
45528	68107	LEAD	4	80	98	101	115
45529	68107	LEAD	4	68	98	92	115
45530	68107	LEAD	5	34	36	67	68
45531	68107	LEAD	4	174	209	171	197
45533	68107	LEAD	4	123	159	133	160
45534	68107	LEAD	4	82	105	103	119
45535	68107	LEAD	5	54	66	82	91
45537	68107	LEAD	2	62	72	88	95
45538	68107	LEAD	4	30	46	64	76
45539	68107	LEAD	5	105	215	120	201
45540	68107	LEAD	5	80	136	101	142
45541	68107	LEAD	4	165	421	164	354
45542	68107	LEAD	3	99	103	115	118
45543	68107	LEAD	4	80	114	101	126

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45544	68107	LEAD	4	87	103	106	118
45545	68107	LEAD	4	21	36	57	69
45546	68107	LEAD	4	128	147	136	151
45548	68107	LEAD	4	101	182	117	176
45550	68107	LEAD	4	76	124	98	134
45551	68107	LEAD	4	97	156	114	157
45552	68107	LEAD	4	146	203	150	192
45554	68107	LEAD	4	88	140	107	146
45556	68107	LEAD	4	54	69	82	93
45557	68107	LEAD	6	87	128	106	137
45559	68107	LEAD	4	59	72	86	95
45561	68107	LEAD	4	85	96	105	113
45562	68107	LEAD	4	129	276	137	246
45563	68107	LEAD	4	116	158	128	159
45564	68107	LEAD	5	69	93	93	111
45565	68107	LEAD	5	107	184	121	178
45566	68107	LEAD	5	121	192	132	184
45567	68107	LEAD	4	191	322	183	280
45568	68107	LEAD	4	139	331	145	287
45569	68107	LEAD	4	169	278	167	248
45572	68107	LEAD	4	67	86	92	106
45574	68107	LEAD	6	78	94	100	111
45575	68107	LEAD	4	103	104	118	119
45576	68107	LEAD	4	67	83	91	104
45577	68107	LEAD	4	162	265	162	238
45578	68107	LEAD	4	106	136	120	143
45579	68107	LEAD	4	170	327	168	284
45580	68107	LEAD	4	91	164	109	163
45583	68107	LEAD	4	59	89	85	108
45584	68107	LEAD	5	55	82	83	103
45585	68107	LEAD	4	151	262	154	236
45586	68107	LEAD	5	143	222	148	206
45587	68107	LEAD	4	67	83	91	104
45590	68107	LEAD	4	119	249	130	226
45591	68107	LEAD	5	117	154	129	156
45592	68107	LEAD	4	88	149	107	152
45594	68107	LEAD	5	73	96	96	113
45595	68107	LEAD	5	96	130	113	138
45597	68107	LEAD	4	96	171	113	169
45598	68107	LEAD	4	102	179	117	175
45599	68107	LEAD	5	219	771	204	612
45601	68107	LEAD	4	44	48	75	77
45602	68107	LEAD	4	115	178	127	174
45604	68107	LEAD	3	89	129	108	138
45605	68107	LEAD	4	84	93	104	111

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45606	68107	LEAD	4	20	42	57	73
45607	68107	LEAD	5	86	130	106	138
45608	68107	LEAD	3	300	687	264	550
45609	68107	LEAD	5	33	41	67	72
45610	68107	LEAD	4	61	88	87	107
45611	68107	LEAD	4	61	71	87	95
45612	68107	LEAD	5	25	29	60	63
45613	68107	LEAD	4	78	118	99	130
45614	68107	LEAD	4	96	158	113	159
45618	68107	LEAD	5	30	40	65	72
45619	68107	LEAD	4	44	62	75	88
45620	68107	LEAD	4	49	97	78	114
45621	68107	LEAD	4	104	144	119	148
45622	68107	LEAD	4	85	107	105	121
45623	68107	LEAD	4	68	73	92	96
45624	68107	LEAD	5	79	164	100	164
45625	68107	LEAD	4	189	385	182	327
45626	68107	LEAD	4	149	233	152	215
45627	68107	LEAD	4	46	89	76	108
45629	68107	LEAD	3	63	82	89	103
45630	68107	LEAD	5	43	80	74	101
45631	68107	LEAD	5	67	98	91	115
45633	68107	LEAD	5	156	229	157	211
45634	68107	LEAD	6	64	91	89	109
45635	68107	LEAD	6	82	141	102	146
45636	68107	LEAD	4	95	180	112	175
45637	68107	LEAD	5	106	141	120	146
45638	68107	LEAD	4	100	176	116	172
45639	68107	LEAD	5	104	151	119	154
45641	68107	LEAD	4	55	81	83	102
45642	68107	LEAD	4	241	404	220	341
45643	68107	LEAD	4	48	57	77	84
45644	68107	LEAD	5	93	154	111	156
45645	68107	LEAD	5	361	775	309	615
45646	68107	LEAD	4	97	191	114	183
45647	68107	LEAD	4	141	195	146	186
45648	68107	LEAD	4	70	98	94	115
45649	68107	LEAD	4	156	326	157	284
45652	68107	LEAD	4	53	82	82	103
45653	68107	LEAD	4	160	282	160	251
45654	68107	LEAD	5	32	43	66	74
45655	68107	LEAD	6	56	67	84	92
45656	68107	LEAD	3	154	238	156	218
45658	68107	LEAD	5	102	206	118	194
45659	68107	LEAD	5	77	98	99	114

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45660	68107	LEAD	4	77	90	99	109
45661	68107	LEAD	3	63	82	88	102
45662	68107	LEAD	4	63	92	89	110
45663	68107	LEAD	4	285	520	253	427
45665	68107	LEAD	6	105	299	120	263
45666	68107	LEAD	4	115	151	127	154
45667	68107	LEAD	4	103	130	118	138
45668	68107	LEAD	4	113	167	126	165
45669	68107	LEAD	5	38	50	70	79
45670	68107	LEAD	4	58	114	85	126
45671	68107	LEAD	4	66	139	91	145
45672	68107	LEAD	6	74	110	97	124
45673	68107	LEAD	4	79	123	100	133
45674	68107	LEAD	4	68	161	92	161
45675	68107	LEAD	4	108	153	122	155
45676	68107	LEAD	4	209	520	196	427
45677	68107	LEAD	3	301	484	265	400
45678	68107	LEAD	4	104	136	119	143
45679	68107	LEAD	4	89	168	108	166
45680	68107	LEAD	5	71	117	94	129
45681	68107	LEAD	5	172	371	169	316
45682	68107	LEAD	5	127	206	136	194
45683	68107	LEAD	3	70	74	94	96
45684	68107	LEAD	4	65	68	90	92
45685	68107	LEAD	4	45	64	75	89
45686	68107	LEAD	5	126	174	135	171
45688	68107	LEAD	4	101	163	117	162
45690	68107	LEAD	4	56	93	83	111
45691	68107	LEAD	4	81	117	102	129
45692	68107	LEAD	4	112	173	125	170
45693	68107	LEAD	5	104	168	119	167
45695	68107	LEAD	5	107	124	121	134
45696	68107	LEAD	4	93	120	111	131
45697	68107	LEAD	3	48	81	77	102
45698	68107	LEAD	4	56	71	84	94
45699	68107	LEAD	4	102	127	117	136
45700	68107	LEAD	5	106	131	120	139
45702	68107	LEAD	4	65	94	90	111
45704	68107	LEAD	3	104	119	119	130
45706	68107	LEAD	5	55	92	83	110
45707	68107	LEAD	4	60	62	87	88
45708	68107	LEAD	4	99	147	115	151
45711	68107	LEAD	4	115	160	127	161
45712	68107	LEAD	4	55	58	82	85
45713	68107	LEAD	5	156	215	157	201

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45714	68107	LEAD	5	75	88	98	107
45715	68107	LEAD	4	110	138	124	144
45716	68107	LEAD	6	90	138	108	144
45718	68107	LEAD	5	37	49	69	78
45719	68107	LEAD	5	66	89	91	108
45720	68107	LEAD	4	94	264	112	237
45721	68107	LEAD	3	78	93	100	111
45722	68107	LEAD	4	127	203	136	193
45723	68107	LEAD	5	94	168	111	166
45724	68107	LEAD	4	170	219	168	204
45725	68107	LEAD	5	78	130	100	138
45726	68107	LEAD	5	82	157	103	158
45727	68107	LEAD	4	156	244	158	222
45728	68107	LEAD	4	213	384	199	326
45729	68107	LEAD	6	76	93	98	110
45730	68107	LEAD	4	101	144	117	149
45731	68107	LEAD	4	89	157	108	158
45732	68107	LEAD	5	70	97	94	114
45734	68107	LEAD	5	74	97	97	114
45735	68107	LEAD	4	144	189	148	182
45736	68107	LEAD	5	94	198	112	189
45737	68107	LEAD	5	67	89	91	108
45738	68107	LEAD	4	115	193	127	185
45739	68107	LEAD	4	75	115	97	127
45740	68107	LEAD	4	87	128	107	137
45741	68107	LEAD	4	139	175	145	171
45742	68107	LEAD	4	50	87	79	106
45743	68107	LEAD	5	43	58	74	85
45744	68107	LEAD	3	67	88	92	107
45746	68107	LEAD	4	117	183	129	177
45747	68107	LEAD	4	56	87	83	107
45749	68107	LEAD	4	119	162	130	162
45750	68107	LEAD	6	173	297	170	262
45751	68107	LEAD	4	155	249	157	226
45752	68107	LEAD	5	119	152	130	154
45753	68107	LEAD	4	159	194	160	186
45754	68107	LEAD	4	187	282	180	251
45756	68107	LEAD	5	139	233	145	214
45757	68107	LEAD	4	131	267	139	240
45759	68107	LEAD	4	257	403	232	340
45760	68107	LEAD	5	50	91	79	109
45761	68107	LEAD	4	65	74	90	97
45762	68107	LEAD	5	123	166	133	165
45763	68107	LEAD	4	133	188	141	181
45764	68107	LEAD	4	162	330	162	286

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45765	68107	LEAD	5	82	247	103	225
45766	68107	LEAD	4	129	203	137	192
45767	68107	LEAD	4	104	139	119	145
45768	68107	LEAD	4	58	92	85	110
45769	68107	LEAD	4	109	153	122	155
45770	68107	LEAD	4	75	105	97	120
45771	68107	LEAD	4	106	161	120	161
45772	68107	LEAD	4	50	60	79	86
45773	68107	LEAD	3	95	102	112	118
45775	68107	LEAD	4	81	136	102	142
45776	68107	LEAD	4	31	36	65	68
45779	68107	LEAD	4	109	174	123	171
45780	68107	LEAD	4	51	76	79	98
45781	68107	LEAD	4	186	506	179	417
45782	68107	LEAD	4	41	46	72	76
45783	68107	LEAD	4	136	242	143	221
45785	68107	LEAD	4	55	80	82	101
45786	68107	LEAD	4	106	155	121	157
45787	68107	LEAD	5	119	297	130	262
45788	68107	LEAD	4	81	96	102	113
45789	68107	LEAD	4	102	154	118	156
45790	68107	LEAD	3	74	95	97	112
45791	68107	LEAD	4	87	156	106	157
45792	68107	LEAD	4	81	91	102	110
45793	68107	LEAD	5	114	192	126	184
45794	68107	LEAD	5	84	125	104	135
45795	68107	LEAD	5	100	133	116	140
45797	68107	LEAD	4	130	235	138	216
45798	68107	LEAD	5	278	730	247	582
45799	68107	LEAD	4	121	152	131	155
45800	68107	LEAD	4	90	167	108	166
45801	68107	LEAD	6	96	120	113	131
45802	68107	LEAD	3	65	80	90	101
45803	68107	LEAD	4	153	284	155	252
45804	68107	LEAD	5	50	65	79	90
45805	68107	LEAD	4	182	280	176	249
45806	68107	LEAD	4	95	158	112	159
45807	68107	LEAD	4	88	113	107	126
45808	68107	LEAD	3	88	117	107	128
45809	68107	LEAD	4	71	117	94	129
45810	68107	LEAD	4	129	163	138	162
45811	68107	LEAD	3	104	160	119	160
45812	68107	LEAD	4	209	293	197	259
45813	68107	LEAD	4	132	175	140	171
45814	68107	LEAD	4	74	112	97	125

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45815	68107	LEAD	2	64	84	90	104
45817	68107	LEAD	4	109	177	123	173
45818	68107	LEAD	3	89	108	108	122
45820	68107	LEAD	4	190	292	183	258
45821	68107	LEAD	5	169	236	167	217
45822	68107	LEAD	4	96	112	113	125
45823	68107	LEAD	4	109	128	123	137
45824	68107	LEAD	4	110	216	123	202
45825	68107	LEAD	4	107	150	121	153
45826	68107	LEAD	5	231	378	213	321
45827	68107	LEAD	4	286	359	254	307
45829	68107	LEAD	4	63	88	88	107
45831	68107	LEAD	5	31	49	65	79
45832	68107	LEAD	5	230	602	212	488
45833	68107	LEAD	4	140	183	145	178
45834	68107	LEAD	3	128	265	137	238
45835	68107	LEAD	4	181	266	176	239
45836	68107	LEAD	4	193	314	184	275
45837	68107	LEAD	4	75	94	98	112
45838	68107	LEAD	4	214	451	200	376
45840	68107	LEAD	4	89	110	108	124
45841	68107	LEAD	4	59	69	86	93
45842	68107	LEAD	5	90	147	108	151
45843	68107	LEAD	4	52	67	80	92
45844	68107	LEAD	4	65	85	90	105
45845	68107	LEAD	4	99	129	116	137
45846	68107	LEAD	5	64	77	90	99
45847	68107	LEAD	4	83	112	103	125
45848	68107	LEAD	4	90	108	109	122
45849	68107	LEAD	4	135	249	142	226
45850	68107	LEAD	4	61	69	87	93
45851	68107	LEAD	4	56	72	84	95
45852	68107	LEAD	4	188	426	181	357
45853	68107	LEAD	4	138	371	144	316
45854	68107	LEAD	5	88	101	107	117
45855	68107	LEAD	4	56	64	83	90
45856	68107	LEAD	5	71	89	95	108
45857	68107	LEAD	4	83	120	104	131
45858	68107	LEAD	4	141	400	146	338
45860	68107	LEAD	5	105	140	119	146
45861	68107	LEAD	4	87	131	106	139
45862	68107	LEAD	4	522	927	428	728
45864	68107	LEAD	4	133	235	140	216
45865	68107	LEAD	4	110	143	123	148
45866	68107	LEAD	4	106	111	120	124

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45867	68107	LEAD	4	54	57	82	84
45868	68107	LEAD	5	147	392	151	332
45869	68107	LEAD	4	90	110	108	123
45870	68107	LEAD	4	176	293	173	259
45871	68107	LEAD	4	91	131	109	139
45872	68107	LEAD	4	67	100	92	116
45873	68107	LEAD	4	119	193	130	185
45876	68107	LEAD	4	137	183	143	177
45877	68107	LEAD	5	95	113	112	126
45878	68107	LEAD	4	80	117	101	129
45879	68107	LEAD	2	56	57	84	84
45880	68107	LEAD	4	101	154	117	156
45882	68107	LEAD	4	84	102	104	118
45883	68107	LEAD	5	71	106	94	120
45884	68107	LEAD	4	76	99	98	116
45886	68107	LEAD	5	111	198	124	188
45887	68107	LEAD	3	143	179	148	174
45888	68107	LEAD	4	68	120	93	131
45889	68107	LEAD	4	67	93	91	111
45890	68107	LEAD	6	38	82	70	103
45891	68107	LEAD	4	250	393	227	333
45892	68107	LEAD	5	41	44	72	74
45893	68107	LEAD	4	76	110	99	124
45894	68107	LEAD	4	68	85	92	105
45895	68107	LEAD	4	94	114	112	126
45897	68107	LEAD	5	256	537	231	439
45898	68107	LEAD	4	81	89	102	108
45899	68107	LEAD	4	90	130	109	138
45900	68107	LEAD	5	82	117	103	129
45901	68107	LEAD	4	82	107	103	122
45902	68107	LEAD	4	117	138	129	144
45903	68107	LEAD	4	321	924	280	726
45905	68107	LEAD	5	94	218	111	203
45906	68107	LEAD	5	58	86	85	106
45907	68107	LEAD	4	123	214	133	200
45909	68107	LEAD	5	55	77	83	99
45910	68107	LEAD	4	152	214	154	200
45912	68107	LEAD	4	113	144	125	149
45913	68107	LEAD	3	118	126	129	135
45914	68107	LEAD	4	74	170	97	167
45915	68107	LEAD	5	92	112	110	125
45916	68107	LEAD	4	64	94	89	111
45920	68107	LEAD	5	95	135	113	142
45921	68107	LEAD	5	121	184	131	178
45923	68107	LEAD	5	76	169	99	167

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45924	68107	LEAD	4	71	103	94	119
45925	68107	LEAD	4	170	339	168	293
45926	68107	LEAD	4	66	74	91	97
45927	68107	LEAD	4	115	219	127	204
45928	68107	LEAD	4	76	113	98	126
45930	68107	LEAD	4	54	75	82	97
45932	68107	LEAD	5	171	225	168	208
45937	68107	LEAD	5	112	155	125	157
45940	68107	LEAD	5	82	158	103	159
45941	68107	LEAD	4	186	448	179	374
45942	68107	LEAD	4	183	226	178	209
45943	68107	LEAD	4	106	160	120	160
45945	68107	LEAD	4	81	99	102	115
45946	68107	LEAD	4	84	89	104	108
45947	68107	LEAD	4	120	167	131	166
45949	68107	LEAD	4	65	73	90	96
45950	68107	LEAD	4	144	190	148	183
45952	68107	LEAD	5	124	214	134	201
45953	68107	LEAD	4	306	701	268	560
45954	68107	LEAD	4	224	411	207	346
45955	68107	LEAD	4	100	130	116	138
45957	68107	LEAD	4	74	115	97	127
45958	68107	LEAD	5	94	168	111	166
45959	68107	LEAD	4	166	183	165	178
45960	68107	LEAD	4	77	84	99	104
45961	68107	LEAD	4	68	77	92	99
45962	68107	LEAD	4	113	146	125	150
45963	68107	LEAD	4	71	84	95	104
45966	68107	LEAD	4	190	329	182	285
45967	68107	LEAD	5	100	168	116	167
45968	68107	LEAD	4	186	288	180	255
45969	68107	LEAD	5	179	410	174	345
45970	68107	LEAD	4	132	190	140	183
45971	68107	LEAD	4	331	370	287	316
45972	68107	LEAD	5	59	80	86	101
45973	68107	LEAD	3	239	313	219	273
45974	68107	LEAD	2	550	582	449	473
45976	68107	LEAD	4	64	80	89	101
45977	68107	LEAD	3	134	254	141	230
45979	68107	LEAD	4	107	135	121	142
45982	68107	LEAD	5	100	132	116	140
45983	68107	LEAD	3	1022	2114	798	1606
45984	68107	LEAD	4	159	214	160	200
45986	68107	LEAD	4	136	291	142	257
45987	68107	LEAD	4	117	172	128	170

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
45988	68107	LEAD	5	52	69	80	93
45989	68107	LEAD	5	91	145	110	149
45990	68107	LEAD	5	123	261	133	235
45991	68107	LEAD	4	116	165	128	164
45992	68107	LEAD	4	384	485	326	401
45993	68107	LEAD	4	41	76	72	98
45994	68107	LEAD	4	131	212	139	199
45995	68107	LEAD	5	101	128	117	137
45996	68107	LEAD	5	71	108	94	122
45998	68107	LEAD	4	65	82	90	103
45999	68107	LEAD	5	85	130	105	138
46000	68107	LEAD	4	183	296	178	261
46001	68107	LEAD	4	159	241	159	221
46004	68107	LEAD	4	147	209	151	197
46005	68107	LEAD	4	193	223	185	207
46006	68107	LEAD	4	63	78	89	99
46007	68107	LEAD	3	161	186	161	179
46008	68107	LEAD	5	325	514	283	422
46012	68107	LEAD	4	133	250	140	227
46016	68107	LEAD	4	283	308	251	270
46017	68107	LEAD	4	83	100	103	116
46020	68107	LEAD	5	65	78	90	100
46021	68107	LEAD	4	180	359	175	308
46022	68107	LEAD	4	188	285	181	253
46023	68107	LEAD	5	64	76	90	98
46025	68107	LEAD	4	318	409	277	345
46026	68107	LEAD	3	74	78	96	100
46028	68107	LEAD	4	85	116	105	128
46029	68107	LEAD	4	186	430	179	360
46030	68107	LEAD	4	76	91	99	109
46031	68107	LEAD	4	60	70	86	94
46032	68107	LEAD	4	210	260	197	235
46033	68107	LEAD	3	52	55	81	82
46035	68107	LEAD	5	175	445	172	371
46036	68107	LEAD	4	126	182	135	176
46037	68107	LEAD	4	237	288	217	255
46039	68107	LEAD	4	53	88	81	107
46041	68107	LEAD	4	99	149	115	152
46042	68107	LEAD	4	78	104	100	119
46045	68107	LEAD	4	213	303	200	266
46047	68107	LEAD	5	72	84	95	104
46048	68107	LEAD	6	156	278	158	248
46049	68107	LEAD	4	77	174	99	171
46050	68107	LEAD	5	73	166	96	164
46051	68107	LEAD	4	246	424	224	356

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46052	68107	LEAD	4	98	118	114	129
46053	68107	LEAD	4	102	136	117	143
46058	68107	LEAD	4	220	356	205	306
46059	68107	LEAD	5	112	177	125	173
46060	68107	LEAD	4	88	140	107	146
46061	68107	LEAD	4	127	183	136	178
46063	68107	LEAD	4	256	357	231	306
46066	68107	LEAD	5	40	47	71	77
46067	68107	LEAD	4	68	78	92	100
46070	68107	LEAD	4	52	69	80	93
46071	68107	LEAD	5	73	129	96	137
46073	68107	LEAD	4	146	365	150	312
46074	68107	LEAD	4	242	591	221	480
46075	68107	LEAD	4	95	107	113	121
46077	68107	LEAD	5	66	88	91	107
46078	68107	LEAD	4	74	113	97	126
46080	68107	LEAD	5	119	239	130	219
46082	68107	LEAD	5	164	282	163	251
46083	68107	LEAD	2	84	94	104	112
46085	68107	LEAD	4	81	96	102	113
46086	68107	LEAD	4	220	372	205	317
46087	68107	LEAD	4	234	381	215	324
46088	68107	LEAD	4	90	219	109	204
46089	68107	LEAD	4	151	235	154	216
46090	68107	LEAD	4	403	529	340	433
46091	68107	LEAD	4	81	116	102	128
46093	68107	LEAD	4	67	81	91	102
46094	68107	LEAD	4	93	109	111	123
46095	68107	LEAD	4	94	174	111	171
46097	68107	LEAD	4	82	124	103	133
46098	68107	LEAD	4	136	176	143	172
46099	68107	LEAD	4	59	70	86	94
46102	68107	LEAD	4	64	79	89	100
46103	68107	LEAD	4	217	311	203	272
46104	68107	LEAD	5	145	205	149	194
46107	68107	LEAD	4	175	233	171	214
46108	68107	LEAD	3	344	433	297	363
46109	68107	LEAD	4	114	220	126	205
46110	68107	LEAD	4	206	389	194	330
46111	68107	LEAD	4	163	270	162	242
46112	68107	LEAD	4	156	260	157	235
46113	68107	LEAD	5	83	125	103	135
46115	68107	LEAD	4	97	131	114	139
46116	68107	LEAD	3	134	155	141	157
46117	68107	LEAD	4	360	841	308	664

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46118	68107	LEAD	4	171	358	169	307
46120	68107	LEAD	4	132	158	139	159
46121	68107	LEAD	4	128	154	137	156
46122	68107	LEAD	4	162	210	162	197
46124	68107	LEAD	4	163	257	162	232
46125	68107	LEAD	4	68	72	92	95
46127	68107	LEAD	4	113	159	126	160
46128	68107	LEAD	4	132	168	140	167
46130	68107	LEAD	5	92	129	110	137
46131	68107	LEAD	4	237	314	217	274
46132	68107	LEAD	4	194	197	186	188
46133	68107	LEAD	4	104	120	119	130
46134	68107	LEAD	4	616	784	498	622
46135	68107	LEAD	3	87	113	106	126
46136	68107	LEAD	4	74	126	97	135
46137	68107	LEAD	4	298	432	263	362
46139	68107	LEAD	3	102	130	117	138
46140	68107	LEAD	5	65	94	90	112
46142	68107	LEAD	1	168	168	166	166
46144	68107	LEAD	4	424	925	356	727
46145	68107	LEAD	4	100	159	116	159
46147	68107	LEAD	4	177	226	173	209
46148	68107	LEAD	4	57	68	84	93
46149	68107	LEAD	4	49	63	78	88
46150	68107	LEAD	5	74	107	97	121
46151	68107	LEAD	5	254	381	230	324
46152	68107	LEAD	4	79	94	100	112
46153	68107	LEAD	4	168	377	167	321
46154	68107	LEAD	4	97	118	113	129
46155	68107	LEAD	3	65	75	90	98
46157	68107	LEAD	6	57	110	84	124
46159	68107	LEAD	5	47	79	77	100
46160	68107	LEAD	3	63	76	88	98
46161	68107	LEAD	4	110	150	123	153
46163	68107	LEAD	5	75	147	97	151
46164	68107	LEAD	4	63	71	88	95
46165	68107	LEAD	4	71	96	94	113
46166	68107	LEAD	4	77	90	99	109
46167	68107	LEAD	4	146	254	150	230
46168	68107	LEAD	4	114	146	127	150
46169	68107	LEAD	4	203	226	192	209
46170	68107	LEAD	4	184	401	178	338
46171	68107	LEAD	4	111	143	124	148
46172	68107	LEAD	4	186	348	180	300
46174	68107	LEAD	4	138	209	144	197

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46175	68107	LEAD	4	159	297	160	262
46177	68107	LEAD	4	145	171	149	169
46178	68107	LEAD	3	222	312	206	273
46179	68107	LEAD	4	114	169	126	167
46180	68107	LEAD	5	355	613	305	496
46181	68107	LEAD	4	193	265	185	238
46183	68107	LEAD	4	321	906	280	713
46184	68107	LEAD	2	141	179	147	174
46185	68107	LEAD	4	133	225	140	209
46186	68107	LEAD	4	31	34	65	67
46187	68107	LEAD	4	310	737	272	588
46189	68107	LEAD	4	364	457	311	380
46190	68107	LEAD	4	150	303	153	266
46191	68107	LEAD	4	45	53	76	81
46192	68107	LEAD	5	306	498	269	411
46193	68107	LEAD	4	112	160	125	160
46195	68107	LEAD	5	134	250	141	227
46196	68107	LEAD	5	96	149	113	152
46197	68107	LEAD	4	111	151	124	154
46198	68107	LEAD	4	165	232	164	213
46201	68107	LEAD	4	180	224	175	208
46203	68107	LEAD	5	133	202	141	191
46204	68107	LEAD	5	140	205	145	194
46207	68107	LEAD	4	133	169	140	167
46209	68107	LEAD	5	236	449	217	374
46210	68107	LEAD	4	228	299	211	263
46211	68107	LEAD	3	128	154	137	156
46212	68107	LEAD	4	201	309	190	271
46213	68107	LEAD	4	99	115	115	127
46214	68107	LEAD	5	106	124	121	134
46215	68107	LEAD	5	385	489	327	404
46217	68107	LEAD	4	140	154	145	156
46218	68107	LEAD	4	263	425	236	356
46219	68107	LEAD	4	392	712	332	569
46221	68107	LEAD	4	239	273	219	244
46222	68107	LEAD	4	125	151	134	154
46224	68107	LEAD	4	99	128	115	136
46225	68107	LEAD	4	104	134	119	141
46226	68107	LEAD	5	89	200	108	190
46227	68107	LEAD	4	500	1404	412	1081
46228	68107	LEAD	4	285	434	253	363
46229	68107	LEAD	4	110	163	124	162
46231	68107	LEAD	4	213	311	200	272
46232	68107	LEAD	4	67	88	92	107
46233	68107	LEAD	4	80	105	101	119

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46234	68107	LEAD	5	146	295	150	260
46235	68107	LEAD	5	71	94	95	112
46237	68107	LEAD	4	110	136	124	143
46238	68107	LEAD	4	351	850	302	671
46240	68107	LEAD	4	127	140	136	146
46241	68107	LEAD	5	260	740	235	590
46242	68107	LEAD	5	149	224	152	208
46244	68107	LEAD	4	230	390	212	331
46245	68107	LEAD	5	340	562	294	458
46246	68107	LEAD	4	81	107	102	121
46247	68107	LEAD	5	97	118	114	129
46248	68107	LEAD	4	313	497	274	410
46250	68107	LEAD	4	104	122	119	132
46252	68107	LEAD	4	182	372	176	317
46253	68107	LEAD	5	117	172	128	169
46254	68107	LEAD	4	88	163	107	162
46255	68107	LEAD	4	113	152	126	154
46256	68107	LEAD	4	113	161	126	161
46258	68107	LEAD	4	136	195	143	187
46260	68107	LEAD	4	289	363	256	311
46266	68107	LEAD	4	128	183	137	178
46268	68107	LEAD	4	73	92	96	110
46269	68107	LEAD	3	105	133	120	140
46270	68107	LEAD	4	84	112	104	125
46272	68107	LEAD	4	104	132	119	140
46274	68107	LEAD	4	68	93	92	111
46275	68107	LEAD	4	125	145	134	149
46276	68107	LEAD	4	133	222	140	206
46278	68107	LEAD	4	89	118	108	129
46279	68107	LEAD	4	93	127	111	136
46280	68107	LEAD	4	123	203	133	192
46281	68107	LEAD	4	85	124	105	133
46282	68107	LEAD	4	129	190	137	183
46283	68107	LEAD	4	109	148	123	151
46284	68107	LEAD	4	87	108	106	122
46285	68107	LEAD	4	174	226	171	209
46286	68107	LEAD	4	161	193	161	185
46290	68107	LEAD	4	205	367	194	314
46292	68107	LEAD	4	262	377	236	321
46293	68107	LEAD	5	108	185	122	179
46294	68107	LEAD	5	140	208	146	196
46296	68107	LEAD	3	178	300	174	264
46297	68107	LEAD	4	121	233	132	214
46298	68107	LEAD	4	113	197	126	187
46301	68107	LEAD	4	109	245	122	223

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46302	68107	LEAD	4	236	294	217	260
46303	68107	LEAD	5	798	1363	632	1051
46304	68107	LEAD	4	167	271	166	242
46305	68107	LEAD	3	86	104	105	119
46306	68107	LEAD	4	148	230	152	213
46307	68107	LEAD	4	107	134	121	141
46310	68107	LEAD	2	127	165	136	164
46312	68107	LEAD	4	103	139	118	145
46314	68107	LEAD	4	159	194	160	186
46315	68107	LEAD	5	182	301	177	264
46316	68107	LEAD	4	100	238	116	218
46317	68107	LEAD	5	131	207	139	195
46318	68107	LEAD	5	103	170	118	168
46320	68107	LEAD	4	148	209	151	197
46321	68107	LEAD	4	245	437	224	366
46323	68107	LEAD	4	134	193	141	185
46325	68107	LEAD	5	89	194	108	186
46327	68107	LEAD	4	75	119	98	130
46330	68107	LEAD	4	213	410	200	346
46331	68107	LEAD	4	76	106	98	121
46332	68107	LEAD	4	60	110	87	123
46333	68107	LEAD	4	246	407	224	343
46335	68107	LEAD	5	88	102	107	118
46336	68107	LEAD	4	218	397	203	336
46339	68107	LEAD	4	133	173	140	170
46340	68107	LEAD	5	141	179	146	175
46341	68107	LEAD	4	79	117	101	129
46342	68107	LEAD	3	578	941	470	738
46343	68107	LEAD	4	75	107	98	121
46344	68107	LEAD	4	128	161	137	161
46345	68107	LEAD	4	129	186	138	180
46346	68107	LEAD	4	55	79	83	100
46347	68107	LEAD	4	282	337	251	291
46348	68107	LEAD	5	114	257	126	232
46349	68107	LEAD	6	541	1318	443	1017
46350	68107	LEAD	4	260	361	234	309
46351	68107	LEAD	5	311	550	272	449
46352	68107	LEAD	4	164	273	164	244
46354	68107	LEAD	4	205	311	194	272
46355	68107	LEAD	5	149	258	152	233
46356	68107	LEAD	4	163	206	163	195
46357	68107	LEAD	4	284	369	252	315
46358	68107	LEAD	5	139	380	145	323
46359	68107	LEAD	4	200	295	190	260
46361	68107	LEAD	4	76	90	98	109

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46363	68107	LEAD	4	89	115	108	127
46364	68107	LEAD	4	123	215	133	201
46365	68107	LEAD	5	68	125	92	135
46366	68107	LEAD	4	109	248	123	225
46367	68107	LEAD	5	184	230	178	212
46368	68107	LEAD	5	119	221	130	206
46369	68107	LEAD	4	68	103	93	118
46370	68107	LEAD	5	68	80	93	101
46371	68107	LEAD	4	59	71	85	94
46372	68107	LEAD	3	197	291	187	257
46373	68107	LEAD	4	123	235	133	216
46376	68107	LEAD	4	245	535	223	438
46378	68107	LEAD	5	81	97	102	113
46379	68107	LEAD	4	106	145	120	149
46380	68107	LEAD	4	45	80	75	101
46381	68107	LEAD	4	125	167	134	166
46383	68107	LEAD	4	299	439	263	367
46384	68107	LEAD	4	111	133	124	140
46385	68107	LEAD	4	68	88	92	107
46387	68107	LEAD	3	160	219	160	204
46388	68107	LEAD	5	145	277	150	247
46389	68107	LEAD	4	176	244	172	223
46390	68107	LEAD	4	126	211	135	198
46391	68107	LEAD	4	78	98	100	114
46393	68107	LEAD	5	154	358	156	307
46396	68107	LEAD	4	273	729	244	581
46397	68107	LEAD	4	102	134	118	141
46398	68107	LEAD	4	209	332	197	288
46399	68107	LEAD	3	204	250	193	227
46400	68107	LEAD	4	111	165	124	164
46401	68107	LEAD	4	147	187	151	181
46402	68107	LEAD	5	99	139	115	145
46403	68107	LEAD	5	86	151	105	154
46404	68107	LEAD	5	302	634	265	511
46405	68107	LEAD	4	118	158	130	159
46406	68107	LEAD	5	107	143	121	148
46407	68107	LEAD	5	86	110	105	123
46408	68107	LEAD	4	142	372	147	317
46409	68107	LEAD	4	93	110	111	123
46410	68107	LEAD	5	275	544	245	444
46411	68107	LEAD	5	91	139	109	145
46412	68107	LEAD	4	81	94	102	112
46418	68107	LEAD	4	168	204	166	193
46419	68107	LEAD	4	318	724	277	577
46421	68107	LEAD	4	225	342	209	295

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46422	68107	LEAD	5	76	89	98	108
46423	68107	LEAD	6	115	143	127	148
46424	68107	LEAD	4	180	199	175	189
46425	68107	LEAD	4	116	229	128	212
46426	68107	LEAD	4	162	239	162	219
46427	68107	LEAD	4	310	509	271	418
46428	68107	LEAD	5	303	580	266	471
46429	68107	LEAD	3	80	92	101	110
46430	68107	LEAD	4	281	423	250	355
46431	68107	LEAD	5	102	159	117	160
46432	68107	LEAD	4	182	470	177	390
46434	68107	LEAD	5	356	499	306	411
46435	68107	LEAD	4	59	97	86	114
46437	68107	LEAD	4	212	433	199	363
46438	68107	LEAD	5	282	589	251	478
46439	68107	LEAD	5	156	256	157	231
46441	68107	LEAD	4	127	161	136	161
46442	68107	LEAD	4	108	125	122	135
46443	68107	LEAD	5	206	379	194	322
46444	68107	LEAD	5	68	132	93	139
46445	68107	LEAD	4	224	328	208	285
46446	68107	LEAD	5	148	247	151	225
46448	68107	LEAD	5	126	165	135	164
46450	68107	LEAD	5	84	105	104	119
46451	68107	LEAD	4	77	113	99	125
46452	68107	LEAD	5	151	215	154	201
46454	68107	LEAD	4	79	103	101	118
46455	68107	LEAD	4	371	945	317	741
46456	68107	LEAD	4	130	148	138	152
46457	68107	LEAD	4	203	437	192	365
46458	68107	LEAD	6	147	288	151	255
46460	68107	LEAD	5	437	611	365	495
46461	68107	LEAD	4	95	136	112	143
46462	68107	LEAD	4	95	150	112	153
46463	68107	LEAD	4	191	235	183	216
46464	68107	LEAD	4	86	150	105	153
46466	68107	LEAD	5	69	114	93	126
46469	68107	LEAD	4	117	175	128	171
46470	68107	LEAD	4	64	102	89	117
46471	68107	LEAD	4	207	297	195	261
46472	68107	LEAD	4	184	261	178	235
46473	68107	LEAD	4	151	342	154	295
46474	68107	LEAD	5	213	275	199	245
46475	68107	LEAD	4	132	173	140	170
46476	68107	LEAD	4	105	147	119	151

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46478	68107	LEAD	4	301	369	265	315
46480	68107	LEAD	6	150	234	153	215
46482	68107	LEAD	5	344	470	297	390
46483	68107	LEAD	4	438	680	366	546
46484	68107	LEAD	5	227	677	210	543
46487	68107	LEAD	4	179	317	175	277
46489	68107	LEAD	5	88	121	107	131
46490	68107	LEAD	4	623	925	503	727
46491	68107	LEAD	4	162	260	162	234
46492	68107	LEAD	4	391	740	331	589
46493	68107	LEAD	5	81	140	102	146
46494	68107	LEAD	5	98	150	115	153
46495	68107	LEAD	5	156	186	158	179
46496	68107	LEAD	5	251	371	228	316
46497	68107	LEAD	6	119	196	130	187
46498	68107	LEAD	5	142	348	147	299
46499	68107	LEAD	4	252	306	228	269
46500	68107	LEAD	4	212	309	199	271
46501	68107	LEAD	6	287	420	254	353
46502	68107	LEAD	3	297	393	262	333
46503	68107	LEAD	4	211	296	198	261
46504	68107	LEAD	4	110	160	124	160
46505	68107	LEAD	4	235	377	216	321
46506	68107	LEAD	4	310	635	271	512
46507	68107	LEAD	4	314	628	274	506
46508	68107	LEAD	4	281	700	250	560
46509	68107	LEAD	4	86	265	105	238
46510	68107	LEAD	4	226	305	209	268
46511	68107	LEAD	6	217	718	203	573
46512	68107	LEAD	4	82	103	102	118
46513	68107	LEAD	5	116	148	127	151
46514	68107	LEAD	4	156	321	158	279
46515	68107	LEAD	5	66	98	91	114
46522	68107	LEAD	4	139	181	145	176
46523	68107	LEAD	4	105	159	120	160
46524	68107	LEAD	4	124	239	134	219
46526	68107	LEAD	4	110	174	123	171
46527	68107	LEAD	4	266	637	239	513
46528	68107	LEAD	4	403	654	341	526
46529	68107	LEAD	4	152	196	155	187
46530	68107	LEAD	6	206	453	194	377
46533	68107	LEAD	5	384	592	326	480
46534	68107	LEAD	4	119	179	130	174
46535	68107	LEAD	4	136	357	143	306
46536	68107	LEAD	4	55	62	83	88

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46538	68107	LEAD	4	233	296	214	261
46539	68107	LEAD	4	229	337	212	291
46540	68107	LEAD	5	154	203	156	192
46541	68107	LEAD	5	195	503	187	414
46543	68107	LEAD	4	183	293	177	259
46546	68107	LEAD	4	158	235	159	216
46547	68107	LEAD	4	86	131	106	139
46548	68107	LEAD	5	244	643	223	518
46549	68107	LEAD	4	341	496	294	409
46550	68107	LEAD	4	213	297	199	262
46551	68107	LEAD	4	195	450	187	375
46552	68107	LEAD	6	385	648	327	522
46554	68107	LEAD	5	62	118	88	129
46557	68107	LEAD	5	401	729	338	581
46558	68107	LEAD	5	490	2163	405	1643
46559	68107	LEAD	4	131	151	139	154
46562	68107	LEAD	5	177	224	173	208
46563	68107	LEAD	4	159	228	160	211
46564	68107	LEAD	4	98	125	114	135
46566	68107	LEAD	5	118	173	129	170
46567	68107	LEAD	5	150	268	153	240
46568	68107	LEAD	4	117	255	128	231
46569	68107	LEAD	5	162	247	162	225
46570	68107	LEAD	4	155	229	157	212
46573	68107	LEAD	5	135	171	142	169
46574	68107	LEAD	4	280	436	249	364
46575	68107	LEAD	4	93	216	111	202
46578	68107	LEAD	4	94	183	111	177
46579	68107	LEAD	4	310	445	271	371
46580	68107	LEAD	4	207	248	196	226
46582	68107	LEAD	4	124	237	134	217
46583	68107	LEAD	5	273	576	244	469
46585	68107	LEAD	4	94	128	112	137
46586	68107	LEAD	4	334	631	289	509
46587	68107	LEAD	4	168	264	166	237
46588	68107	LEAD	4	103	172	118	169
46589	68107	LEAD	4	139	281	145	250
46591	68107	LEAD	4	193	325	185	282
46592	68107	LEAD	4	68	72	93	95
46593	68107	LEAD	4	150	235	153	216
46594	68107	LEAD	2	701	946	560	742
46595	68107	LEAD	4	82	103	103	118
46596	68107	LEAD	4	207	351	195	302
46597	68107	LEAD	5	172	443	170	370
46598	68107	LEAD	4	237	303	218	266

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46601	68107	LEAD	4	123	183	133	177
46602	68107	LEAD	4	158	226	159	209
46603	68107	LEAD	5	114	176	126	173
46604	68107	LEAD	4	104	213	119	199
46605	68107	LEAD	4	428	563	359	458
46607	68107	LEAD	4	393	730	333	582
46610	68107	LEAD	4	137	178	144	174
46611	68107	LEAD	4	214	269	200	241
46612	68107	LEAD	4	389	796	330	631
46613	68107	LEAD	4	355	432	305	361
46614	68107	LEAD	4	192	263	184	236
46615	68107	LEAD	4	418	520	351	427
46618	68107	LEAD	4	150	248	153	226
46619	68107	LEAD	4	286	463	254	385
46620	68107	LEAD	4	453	530	377	434
46621	68107	LEAD	4	515	926	423	727
46625	68107	LEAD	4	160	229	160	211
46626	68107	LEAD	4	180	233	175	214
46628	68107	LEAD	4	540	768	442	610
46629	68107	LEAD	5	192	294	184	260
46630	68107	LEAD	4	68	136	93	143
46631	68107	LEAD	5	346	560	298	456
46632	68107	LEAD	3	379	465	323	386
46633	68107	LEAD	4	213	271	199	243
46634	68107	LEAD	5	157	375	158	320
46635	68107	LEAD	4	543	819	444	648
46636	68107	LEAD	4	143	213	148	200
46637	68107	LEAD	5	184	231	178	213
46639	68107	LEAD	5	35	38	68	70
46640	68107	LEAD	5	261	322	235	281
46641	68107	LEAD	4	483	747	399	595
46642	68107	LEAD	4	86	98	106	115
46643	68107	LEAD	5	323	529	281	434
46644	68107	LEAD	4	512	710	421	567
46646	68107	LEAD	4	231	384	213	326
46647	68107	LEAD	4	234	523	215	429
46648	68107	LEAD	4	63	98	89	115
46649	68107	LEAD	4	283	397	251	336
46650	68107	LEAD	4	90	107	109	121
46652	68107	LEAD	4	62	75	88	97
46655	68107	LEAD	4	120	164	131	163
46656	68107	LEAD	4	115	192	127	184
46658	68107	LEAD	4	183	321	177	280
46659	68107	LEAD	4	313	699	273	559
46661	68107	LEAD	5	104	129	119	137

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46662	68107	LEAD	4	274	376	245	320
46663	68107	LEAD	4	152	271	154	243
46664	68107	LEAD	5	87	142	106	147
46665	68107	LEAD	5	137	212	143	199
46666	68107	LEAD	4	163	320	163	279
46667	68107	LEAD	4	123	182	133	177
46668	68107	LEAD	4	149	260	152	234
46669	68107	LEAD	4	148	190	152	182
46671	68107	LEAD	4	84	136	104	143
46672	68107	LEAD	5	353	559	303	456
46673	68107	LEAD	4	328	1000	285	782
46674	68107	LEAD	6	116	144	128	148
46675	68107	LEAD	4	150	193	153	185
46676	68107	LEAD	4	46	59	76	86
46679	68107	LEAD	5	53	84	81	104
46682	68107	LEAD	4	406	643	343	518
46683	68107	LEAD	5	240	405	220	341
46685	68107	LEAD	4	112	128	125	136
46686	68107	LEAD	5	377	677	321	543
46687	68107	LEAD	4	76	138	98	144
46688	68107	LEAD	4	204	397	193	336
46689	68107	LEAD	4	458	728	381	581
46690	68107	LEAD	5	229	273	211	244
46691	68107	LEAD	4	210	284	198	252
46692	68107	LEAD	5	285	402	253	340
46693	68107	LEAD	4	267	452	240	377
46694	68107	LEAD	3	191	220	184	204
46696	68107	LEAD	4	175	230	172	212
46697	68107	LEAD	4	168	316	166	276
46698	68107	LEAD	4	234	341	215	294
46699	68107	LEAD	4	149	170	152	168
46700	68107	LEAD	4	236	323	216	281
46701	68107	LEAD	4	143	244	148	222
46702	68107	LEAD	5	133	227	140	210
46703	68107	LEAD	4	537	760	440	604
46704	68107	LEAD	1	97	97	114	114
46707	68107	LEAD	4	298	508	263	418
46708	68107	LEAD	4	124	157	134	159
46710	68107	LEAD	4	243	309	222	271
46711	68107	LEAD	5	182	294	177	259
46712	68107	LEAD	3	395	417	334	351
46713	68107	LEAD	4	228	317	211	277
46716	68107	LEAD	4	250	353	227	304
46717	68107	LEAD	5	48	86	78	105
46718	68107	LEAD	5	157	234	158	215

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46721	68107	LEAD	4	136	169	142	167
46722	68107	LEAD	5	245	331	223	287
46724	68107	LEAD	4	382	492	325	406
46725	68107	LEAD	4	276	383	246	325
46727	68107	LEAD	4	299	428	263	359
46728	68107	LEAD	4	333	869	289	685
46729	68107	LEAD	3	226	276	209	246
46730	68107	LEAD	5	137	235	143	216
46731	68107	LEAD	6	234	360	215	308
46734	68107	LEAD	4	455	737	379	587
46736	68107	LEAD	4	300	356	264	305
46740	68107	LEAD	2	130	160	138	161
46741	68107	LEAD	4	244	470	223	390
46743	68107	LEAD	4	129	189	138	182
46744	68107	LEAD	4	397	658	335	529
46745	68107	LEAD	4	124	199	134	190
46746	68107	LEAD	4	140	172	145	169
46747	68107	LEAD	4	256	361	231	309
46748	68107	LEAD	4	186	234	179	215
46749	68107	LEAD	5	114	170	126	168
46750	68107	LEAD	5	293	475	259	393
46752	68107	LEAD	4	296	380	261	323
46754	68107	LEAD	4	109	142	122	147
46755	68107	LEAD	3	407	551	343	449
46757	68107	LEAD	4	544	639	444	515
46758	68107	LEAD	4	177	227	173	210
46760	68107	LEAD	4	309	440	270	368
46761	68107	LEAD	4	385	602	327	487
46762	68107	LEAD	4	85	123	105	133
46763	68107	LEAD	4	1178	2018	913	1535
46764	68107	LEAD	4	143	315	148	275
46766	68107	LEAD	4	553	720	451	574
46767	68107	LEAD	4	627	819	506	648
46768	68107	LEAD	5	71	99	95	115
46769	68107	LEAD	3	109	192	123	184
46770	68107	LEAD	4	327	666	284	535
46771	68107	LEAD	4	365	479	312	397
46772	68107	LEAD	4	94	111	112	124
46775	68107	LEAD	4	156	212	158	199
46776	68107	LEAD	4	164	224	163	208
46777	68107	LEAD	4	145	193	149	185
46778	68107	LEAD	4	95	132	112	140
46780	68107	LEAD	5	190	250	182	227
46781	68107	LEAD	4	219	379	204	323
46784	68107	LEAD	3	529	664	433	534

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46785	68107	LEAD	5	89	104	108	119
46786	68107	LEAD	3	68	75	93	97
46788	68107	LEAD	4	302	413	266	348
46789	68107	LEAD	4	45	78	75	100
46790	68107	LEAD	4	91	113	109	125
46791	68107	LEAD	4	195	275	186	245
46792	68107	LEAD	5	344	618	297	499
46793	68107	LEAD	5	42	60	73	86
46794	68107	LEAD	4	280	329	249	286
46796	68107	LEAD	4	89	173	108	170
46797	68107	LEAD	4	332	486	287	402
46798	68107	LEAD	4	91	121	109	132
46799	68107	LEAD	5	66	104	91	119
46800	68107	LEAD	5	326	453	283	377
46801	68107	LEAD	4	141	211	146	198
46802	68107	LEAD	4	332	478	288	396
46803	68107	LEAD	4	90	220	108	205
46804	68107	LEAD	4	36	53	69	81
46805	68107	LEAD	6	175	259	172	233
46807	68107	LEAD	4	149	211	152	198
46808	68107	LEAD	5	217	329	203	285
46811	68107	LEAD	3	134	327	141	284
46812	68107	LEAD	4	73	95	96	112
46813	68107	LEAD	4	361	489	309	404
46814	68107	LEAD	4	111	165	124	164
46815	68107	LEAD	5	356	504	305	415
46816	68107	LEAD	4	613	762	495	606
46817	68107	LEAD	4	61	76	87	98
46820	68107	LEAD	5	323	401	281	339
46822	68107	LEAD	4	651	838	524	662
46823	68107	LEAD	4	309	591	271	479
46825	68107	LEAD	5	71	93	95	111
46826	68107	LEAD	4	306	451	268	376
46827	68107	LEAD	4	177	378	173	321
46829	68107	LEAD	5	139	173	145	170
46830	68107	LEAD	5	189	308	182	270
46832	68107	LEAD	3	417	477	350	395
46833	68107	LEAD	4	214	409	200	345
46834	68107	LEAD	2	364	466	311	387
46835	68107	LEAD	4	107	175	122	171
46836	68107	LEAD	4	341	513	294	421
46837	68107	LEAD	4	262	314	236	275
46839	68107	LEAD	4	292	522	258	428
46841	68107	LEAD	4	108	171	122	168
46842	68107	LEAD	5	168	206	166	195

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46844	68107	LEAD	5	37	46	69	76
46846	68107	LEAD	5	228	477	211	395
46847	68107	LEAD	5	294	438	260	366
46849	68107	LEAD	5	413	886	348	698
46850	68107	LEAD	5	258	597	233	484
46851	68107	LEAD	4	113	133	126	141
46852	68107	LEAD	5	325	628	282	507
46853	68107	LEAD	4	246	403	224	340
46854	68107	LEAD	4	145	200	149	190
46855	68107	LEAD	4	201	355	191	304
46857	68107	LEAD	4	299	548	263	448
46859	68107	LEAD	6	227	448	210	373
46860	68107	LEAD	5	129	143	137	148
46861	68107	LEAD	4	246	327	224	284
46862	68107	LEAD	4	467	591	388	480
46863	68107	LEAD	4	22	37	58	70
46864	68107	LEAD	5	277	576	247	468
46865	68107	LEAD	5	539	667	441	536
46867	68107	LEAD	4	194	234	186	215
46869	68107	LEAD	4	170	237	168	217
46870	68107	LEAD	5	143	180	148	175
46871	68107	LEAD	4	163	261	163	235
46872	68107	LEAD	4	25	49	61	78
46873	68107	LEAD	5	229	398	212	337
46877	68107	LEAD	4	122	150	133	153
46878	68107	LEAD	5	426	843	357	666
46879	68107	LEAD	4	202	412	191	347
46880	68107	LEAD	4	310	489	271	404
46881	68107	LEAD	4	258	441	233	368
46883	68107	LEAD	4	234	378	215	321
46885	68107	LEAD	5	161	325	161	283
46886	68107	LEAD	4	435	741	364	591
46887	68107	LEAD	4	187	341	180	295
46889	68107	LEAD	4	315	442	275	369
46891	68107	LEAD	4	301	484	265	400
46892	68107	LEAD	4	362	520	310	427
46893	68107	LEAD	4	266	358	239	307
46894	68107	LEAD	4	194	307	186	269
46897	68107	LEAD	4	227	255	210	231
46898	68107	LEAD	4	300	348	264	299
46899	68107	LEAD	4	182	251	177	228
46901	68107	LEAD	5	195	271	186	242
46904	68107	LEAD	4	262	576	236	468
46905	68107	LEAD	3	26	29	61	63
46906	68107	LEAD	4	272	351	243	301

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46908	68107	LEAD	5	327	749	284	596
46909	68107	LEAD	4	68	85	92	105
46910	68107	LEAD	4	78	102	99	117
46911	68107	LEAD	3	230	281	212	250
46913	68107	LEAD	3	58	76	85	98
46916	68107	LEAD	5	37	40	69	71
46917	68107	LEAD	5	113	165	126	164
46918	68107	LEAD	4	181	319	176	278
46919	68107	LEAD	4	390	575	330	468
46920	68107	LEAD	4	181	224	176	208
46921	68107	LEAD	4	77	158	99	159
46922	68107	LEAD	4	409	612	345	495
46923	68107	LEAD	4	134	152	141	155
46925	68107	LEAD	4	295	394	260	334
46926	68107	LEAD	4	197	252	188	228
46927	68107	LEAD	2	757	1150	602	893
46928	68107	LEAD	4	110	236	124	217
46929	68107	LEAD	4	489	563	404	459
46930	68107	LEAD	4	162	219	162	204
46931	68107	LEAD	4	338	474	292	393
46932	68107	LEAD	4	124	246	134	224
46934	68107	LEAD	3	285	361	253	309
46935	68107	LEAD	4	116	203	128	192
46936	68107	LEAD	4	325	664	282	533
46940	68107	LEAD	4	298	579	262	471
46942	68107	LEAD	4	77	111	99	124
46944	68107	LEAD	5	142	255	147	231
46945	68107	LEAD	5	182	252	176	228
46946	68107	LEAD	2	671	754	538	600
46948	68107	LEAD	5	103	133	118	140
46950	68107	LEAD	4	663	888	532	699
46952	68107	LEAD	4	269	550	241	449
46953	68107	LEAD	4	220	310	205	271
46954	68107	LEAD	3	227	311	210	272
46955	68107	LEAD	5	76	144	98	149
46957	68107	LEAD	4	138	233	144	214
46959	68107	LEAD	4	230	257	212	232
46960	68107	LEAD	4	84	108	104	122
46961	68107	LEAD	3	624	1246	504	964
46962	68107	LEAD	5	194	241	185	221
46963	68107	LEAD	4	69	79	93	100
46964	68107	LEAD	4	138	279	144	248
46965	68107	LEAD	5	130	198	139	188
46967	68107	LEAD	6	195	422	186	354
46968	68107	LEAD	4	111	146	124	150

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
46969	68107	LEAD	4	230	348	212	300
46970	68107	LEAD	4	244	303	222	266
46971	68107	LEAD	4	223	397	207	336
46972	68107	LEAD	3	400	560	338	456
46973	68107	LEAD	6	256	406	232	343
46976	68107	LEAD	4	260	349	234	300
46977	68107	LEAD	4	234	282	215	251
46979	68107	LEAD	4	203	339	192	293
46980	68107	LEAD	4	389	631	330	509
46982	68107	LEAD	4	269	355	241	305
46984	68107	LEAD	4	443	541	370	442
46985	68107	LEAD	4	208	308	196	270
46986	68107	LEAD	4	125	170	134	168
46987	68107	LEAD	4	134	209	141	196
46988	68107	LEAD	5	204	302	193	266
46989	68107	LEAD	4	198	227	188	210
46990	68107	LEAD	5	270	416	242	350
46991	68107	LEAD	2	245	261	223	235
46992	68107	LEAD	4	175	357	171	306
46993	68107	LEAD	4	402	466	339	387
46994	68107	LEAD	4	111	126	124	135
46996	68107	LEAD	4	104	109	119	123
46998	68107	LEAD	4	129	220	137	205
46999	68107	LEAD	4	99	144	115	148
47000	68107	LEAD	5	354	516	304	424
47001	68107	LEAD	2	312	326	273	283
47003	68107	LEAD	3	207	293	195	259
47004	68107	LEAD	4	74	88	96	107
47005	68107	LEAD	4	250	389	227	330
47007	68107	LEAD	4	126	140	135	146
47008	68107	LEAD	2	291	362	257	310
47009	68107	LEAD	4	422	573	354	466
47010	68107	LEAD	5	246	448	224	374
47011	68107	LEAD	3	431	715	361	571
47012	68107	LEAD	4	219	467	204	388
47013	68107	LEAD	4	326	534	283	437
47015	68107	LEAD	4	406	675	343	542
47016	68107	LEAD	6	1234	5155	955	3857
47017	68107	LEAD	4	212	315	199	275
47020	68107	LEAD	4	69	90	93	109
47021	68107	LEAD	4	261	386	235	328
47022	68107	LEAD	3	201	221	190	205
47023	68107	LEAD	4	172	195	169	186
47024	68107	LEAD	4	318	381	277	324
47026	68107	LEAD	5	306	417	269	351

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47027	68107	LEAD	4	305	424	268	356
47028	68107	LEAD	5	407	607	343	491
47029	68107	LEAD	5	248	582	226	473
47030	68107	LEAD	5	254	396	230	335
47032	68107	LEAD	5	343	656	296	528
47033	68107	LEAD	4	253	299	229	263
47034	68107	LEAD	4	304	361	267	309
47037	68107	LEAD	3	182	213	177	200
47038	68107	LEAD	4	205	250	194	227
47039	68107	LEAD	3	247	274	225	245
47040	68107	LEAD	3	260	400	234	338
47041	68107	LEAD	4	165	276	164	246
47042	68107	LEAD	4	433	740	362	590
47043	68107	LEAD	4	136	167	143	166
47044	68107	LEAD	2	199	233	190	214
47045	68107	LEAD	4	136	179	143	175
47046	68107	LEAD	2	677	782	543	621
47047	68107	LEAD	5	686	875	550	690
47048	68107	LEAD	4	54	68	82	92
47049	68107	LEAD	4	243	355	222	304
47050	68107	LEAD	4	103	208	118	196
47051	68107	LEAD	5	385	487	327	403
47052	68107	LEAD	4	107	225	121	208
47053	68107	LEAD	4	188	255	181	230
47054	68107	LEAD	4	77	95	99	112
47056	68107	LEAD	4	76	119	98	130
47058	68107	LEAD	4	114	190	126	183
47059	68107	LEAD	4	112	186	125	180
47060	68107	LEAD	4	274	340	245	294
47061	68107	LEAD	4	166	212	165	199
47062	68107	LEAD	4	72	136	95	143
47063	68107	LEAD	5	107	273	121	244
47064	68107	LEAD	4	62	80	88	101
47065	68107	LEAD	4	155	274	157	245
47066	68107	LEAD	4	218	415	203	349
47067	68107	LEAD	5	360	612	308	495
47069	68107	LEAD	4	194	309	185	271
47070	68107	LEAD	4	244	296	223	261
47071	68107	LEAD	5	141	203	146	192
47072	68107	LEAD	5	96	163	113	163
47073	68107	LEAD	4	132	204	139	193
47074	68107	LEAD	4	180	258	175	233
47076	68107	LEAD	4	175	235	171	216
47077	68107	LEAD	4	175	231	171	213
47078	68107	LEAD	4	438	855	366	675

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47080	68107	LEAD	5	196	538	187	440
47082	68107	LEAD	4	159	203	160	192
47084	68107	LEAD	5	257	278	232	248
47085	68107	LEAD	3	106	114	121	126
47086	68107	LEAD	4	232	556	213	453
47087	68107	LEAD	5	202	256	191	231
47088	68107	LEAD	5	347	747	299	595
47089	68107	LEAD	4	232	270	214	242
47090	68107	LEAD	4	159	206	159	195
47091	68107	LEAD	5	162	264	162	237
47092	68107	LEAD	5	210	579	197	470
47094	68107	LEAD	4	103	140	118	145
47095	68107	LEAD	4	175	350	172	301
47096	68107	LEAD	5	148	261	152	235
47097	68107	LEAD	4	210	272	197	243
47098	68107	LEAD	5	384	705	326	564
47100	68107	LEAD	4	200	285	190	253
47102	68107	LEAD	4	260	517	234	425
47103	68107	LEAD	4	264	519	237	426
47104	68107	LEAD	4	153	299	155	263
47105	68107	LEAD	4	124	250	134	227
47106	68107	LEAD	4	94	150	112	153
47107	68107	LEAD	4	249	397	226	336
47108	68107	LEAD	4	169	242	167	221
47111	68107	LEAD	3	160	210	160	197
47112	68107	LEAD	4	270	491	242	406
47115	68107	LEAD	4	277	362	247	310
47116	68107	LEAD	5	286	609	253	493
47118	68107	LEAD	5	176	304	172	267
47119	68107	LEAD	4	283	363	252	310
47123	68107	LEAD	5	275	445	246	372
47125	68107	LEAD	4	330	513	286	422
47127	68107	LEAD	4	203	328	192	284
47128	68107	LEAD	4	335	428	290	359
47130	68107	LEAD	3	281	381	250	324
47131	68107	LEAD	4	154	216	156	202
47132	68107	LEAD	4	270	383	242	326
47133	68107	LEAD	5	643	1515	518	1163
47135	68107	LEAD	4	237	402	218	339
47136	68107	LEAD	5	145	235	150	216
47137	68107	LEAD	4	120	195	131	187
47138	68107	LEAD	4	128	172	137	169
47139	68107	LEAD	5	187	244	180	222
47140	68107	LEAD	4	183	330	177	286
47142	68107	LEAD	4	193	339	185	293

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47143	68107	LEAD	4	181	329	176	285
47144	68107	LEAD	5	139	388	145	329
47145	68107	LEAD	4	249	302	226	265
47147	68107	LEAD	3	366	535	313	438
47148	68107	LEAD	5	221	386	206	327
47149	68107	LEAD	4	284	437	252	365
47150	68107	LEAD	5	323	537	281	439
47151	68107	LEAD	4	340	388	294	329
47152	68107	LEAD	4	415	752	349	598
47153	68107	LEAD	4	423	688	355	551
47154	68107	LEAD	4	224	284	208	252
47156	68107	LEAD	4	154	240	156	219
47157	68107	LEAD	6	259	358	234	307
47158	68107	LEAD	4	185	268	179	240
47159	68107	LEAD	3	105	147	120	151
47162	68107	LEAD	4	358	926	307	727
47163	68107	LEAD	4	226	267	210	240
47164	68107	LEAD	5	102	156	118	157
47165	68107	LEAD	4	136	209	142	197
47166	68107	LEAD	4	298	394	262	333
47168	68107	LEAD	4	308	362	270	310
47169	68107	LEAD	6	286	401	254	339
47170	68107	LEAD	4	697	2395	558	1814
47171	68107	LEAD	4	204	295	193	261
47172	68107	LEAD	5	275	344	246	296
47173	68107	LEAD	3	138	220	144	205
47175	68107	LEAD	4	56	81	83	102
47176	68107	LEAD	4	109	227	123	210
47177	68107	LEAD	5	252	440	228	368
47178	68107	LEAD	5	270	365	242	312
47179	68107	LEAD	5	135	229	142	211
47180	68107	LEAD	4	175	203	172	192
47181	68107	LEAD	4	296	518	261	425
47182	68107	LEAD	4	214	283	201	252
47184	68107	LEAD	4	173	290	170	256
47185	68107	LEAD	4	541	1507	442	1157
47186	68107	LEAD	4	168	245	167	223
47187	68107	LEAD	4	70	111	94	124
47188	68107	LEAD	5	245	403	223	340
47190	68107	LEAD	4	182	321	176	279
47191	68107	LEAD	4	301	477	265	395
47193	68107	LEAD	4	111	160	124	160
47194	68107	LEAD	4	131	182	139	177
47195	68107	LEAD	3	76	190	98	183
47196	68107	LEAD	4	225	388	209	329

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47197	68107	LEAD	6	270	374	242	319
47202	68107	LEAD	4	266	334	239	289
47203	68107	LEAD	4	258	309	233	271
47204	68107	LEAD	4	273	546	244	446
47206	68107	LEAD	5	235	332	216	288
47207	68107	LEAD	4	223	401	207	339
47210	68107	LEAD	4	200	290	190	257
47211	68107	LEAD	5	216	342	202	295
47212	68107	LEAD	4	251	373	227	318
47213	68107	LEAD	4	352	587	302	477
47214	68107	LEAD	4	353	508	303	418
47215	68107	LEAD	5	339	485	293	401
47216	68107	LEAD	4	153	223	155	207
47217	68107	LEAD	5	392	548	332	447
47218	68107	LEAD	5	218	349	203	300
47219	68107	LEAD	4	289	403	256	340
47220	68107	LEAD	4	85	145	105	150
47222	68107	LEAD	4	155	178	157	174
47223	68107	LEAD	4	215	290	201	257
47224	68107	LEAD	4	163	383	162	325
47225	68107	LEAD	5	287	495	254	409
47226	68107	LEAD	4	164	344	163	297
47228	68107	LEAD	4	164	299	164	264
47230	68107	LEAD	4	255	363	231	311
47231	68107	LEAD	4	515	832	423	658
47232	68107	LEAD	4	163	206	162	195
47233	68107	LEAD	4	342	826	295	653
47235	68107	LEAD	4	178	280	174	249
47236	68107	LEAD	5	207	481	195	398
47238	68107	LEAD	4	303	836	266	661
47239	68107	LEAD	4	236	288	216	255
47244	68107	LEAD	4	221	312	205	273
47248	68107	LEAD	3	464	685	386	549
47249	68107	LEAD	6	171	344	169	296
47250	68107	LEAD	4	180	211	175	198
47251	68107	LEAD	4	164	237	163	218
47252	68107	LEAD	4	278	669	248	537
47253	68107	LEAD	5	165	224	164	207
47255	68107	LEAD	5	144	233	149	214
47256	68107	LEAD	4	172	188	170	181
47257	68107	LEAD	4	640	811	515	642
47259	68107	LEAD	5	156	287	157	254
47260	68107	LEAD	4	153	233	156	214
47261	68107	LEAD	5	425	576	357	468
47262	68107	LEAD	3	244	348	223	300

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47263	68107	LEAD	4	128	171	137	169
47265	68107	LEAD	4	376	520	320	426
47267	68107	LEAD	4	198	301	189	265
47268	68107	LEAD	5	298	584	263	474
47269	68107	LEAD	4	288	335	255	290
47270	68107	LEAD	3	377	710	321	567
47271	68107	LEAD	6	254	481	230	398
47273	68107	LEAD	4	251	468	227	388
47274	68107	LEAD	3	201	298	191	263
47275	68107	LEAD	4	85	105	105	120
47276	68107	LEAD	4	489	855	404	675
47277	68107	LEAD	4	164	300	164	264
47279	68107	LEAD	4	305	528	268	432
47280	68107	LEAD	5	106	186	120	180
47281	68107	LEAD	5	250	421	227	354
47283	68107	LEAD	5	497	766	410	609
47285	68107	LEAD	5	320	720	279	575
47286	68107	LEAD	2	233	327	214	284
47287	68107	LEAD	4	191	270	183	242
47288	68107	LEAD	4	449	898	374	706
47289	68107	LEAD	4	326	476	283	395
47291	68107	LEAD	5	223	347	207	299
47293	68107	LEAD	4	40	51	72	79
47294	68107	LEAD	4	172	230	169	212
47296	68107	LEAD	3	472	735	391	586
47297	68107	LEAD	4	72	109	95	123
47298	68107	LEAD	5	174	342	171	295
47299	68107	LEAD	4	89	157	108	158
47300	68107	LEAD	4	102	150	118	153
47301	68107	LEAD	4	112	150	125	153
47302	68107	LEAD	4	225	326	208	283
47303	68107	LEAD	4	48	69	77	93
47304	68107	LEAD	3	257	373	232	318
47305	68107	LEAD	4	330	485	286	401
47306	68107	LEAD	4	156	390	158	331
47308	68107	LEAD	3	305	576	268	468
47309	68107	LEAD	6	154	312	156	273
47311	68107	LEAD	4	171	446	169	372
47312	68107	LEAD	5	284	541	252	443
47313	68107	LEAD	5	324	690	282	553
47314	68107	LEAD	5	293	411	259	346
47315	68107	LEAD	5	201	374	191	319
47316	68107	LEAD	5	186	232	180	214
47317	68107	LEAD	4	171	211	169	198
47319	68107	LEAD	4	118	140	130	146

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47320	68107	LEAD	3	149	240	152	219
47321	68107	LEAD	6	289	623	256	503
47322	68107	LEAD	4	223	258	207	233
47324	68107	LEAD	4	137	156	144	157
47326	68107	LEAD	4	138	204	144	193
47327	68107	LEAD	4	211	350	198	301
47328	68107	LEAD	4	303	437	266	366
47329	68107	LEAD	4	183	294	178	259
47330	68107	LEAD	5	341	817	294	646
47331	68107	LEAD	4	218	409	203	344
47332	68107	LEAD	5	121	223	131	207
47333	68107	LEAD	5	211	349	198	300
47334	68107	LEAD	4	150	211	153	198
47335	68107	LEAD	4	118	170	129	168
47336	68107	LEAD	4	131	220	139	205
47338	68107	LEAD	4	231	355	213	304
47339	68107	LEAD	6	65	104	90	119
47340	68107	LEAD	2	490	612	405	495
47341	68107	LEAD	4	195	328	186	285
47342	68107	LEAD	4	193	484	185	400
47343	68107	LEAD	5	300	805	264	637
47346	68107	LEAD	4	393	660	333	530
47348	68107	LEAD	5	134	251	141	228
47349	68107	LEAD	4	263	307	237	269
47350	68107	LEAD	4	241	302	221	265
47351	68107	LEAD	4	50	66	79	91
47352	68107	LEAD	4	70	101	94	116
47353	68107	LEAD	3	170	193	168	185
47354	68107	LEAD	4	149	236	152	217
47355	68107	LEAD	4	76	127	98	136
47356	68107	LEAD	5	151	207	153	195
47358	68107	LEAD	4	340	415	294	349
47359	68107	LEAD	2	235	387	216	328
47360	68107	LEAD	4	300	502	264	413
47362	68107	LEAD	4	948	1877	743	1431
47363	68107	LEAD	4	287	586	255	476
47364	68107	LEAD	4	221	303	206	266
47365	68107	LEAD	4	432	631	362	509
47366	68107	LEAD	5	147	187	151	180
47368	68107	LEAD	4	573	1033	466	806
47369	68107	LEAD	3	351	600	302	486
47371	68107	LEAD	6	355	889	304	700
47373	68107	LEAD	4	298	407	263	343
47375	68107	LEAD	4	236	429	216	360
47377	68107	LEAD	5	211	399	198	337

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47378	68107	LEAD	4	122	215	132	201
47379	68107	LEAD	4	380	666	323	535
47380	68107	LEAD	4	51	67	80	92
47382	68107	LEAD	4	103	142	118	147
47383	68107	LEAD	5	243	330	222	286
47384	68107	LEAD	4	65	70	90	94
47385	68107	LEAD	4	70	99	94	115
47386	68107	LEAD	4	201	279	191	248
47388	68107	LEAD	5	155	236	156	217
47389	68107	LEAD	4	426	590	357	479
47390	68107	LEAD	5	138	366	144	313
47391	68107	LEAD	5	236	401	217	339
47392	68107	LEAD	4	308	453	270	377
47393	68107	LEAD	6	139	183	145	178
47394	68107	LEAD	4	269	454	241	378
47395	68107	LEAD	5	155	198	156	188
47396	68107	LEAD	4	178	240	174	220
47397	68107	LEAD	4	98	137	114	144
47398	68107	LEAD	5	245	433	223	362
47399	68107	LEAD	5	159	309	159	271
47400	68107	LEAD	4	301	562	264	458
47402	68107	LEAD	4	576	1074	469	837
47404	68107	LEAD	4	480	831	397	657
47405	68107	LEAD	4	283	468	252	388
47406	68107	LEAD	4	188	260	181	234
47407	68107	LEAD	3	345	472	297	391
47408	68107	LEAD	5	292	436	258	364
47410	68107	LEAD	5	197	295	188	260
47412	68107	LEAD	5	131	191	139	183
47413	68107	LEAD	4	577	773	469	614
47414	68107	LEAD	4	45	65	75	90
47415	68107	LEAD	3	109	155	123	156
47416	68107	LEAD	5	211	300	198	264
47417	68107	LEAD	5	157	458	158	381
47418	68107	LEAD	4	172	222	169	206
47419	68107	LEAD	2	689	1107	552	861
47420	68107	LEAD	4	181	351	176	302
47421	68107	LEAD	4	303	350	266	301
47422	68107	LEAD	4	315	424	275	356
47423	68107	LEAD	3	378	682	322	546
47424	68107	LEAD	4	398	775	337	615
47425	68107	LEAD	5	191	392	184	332
47426	68107	LEAD	4	186	259	179	234
47427	68107	LEAD	4	302	535	266	438
47436	68107	LEAD	4	160	262	161	236

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47437	68107	LEAD	4	93	129	111	137
47438	68107	LEAD	5	309	357	271	306
47439	68107	LEAD	5	217	412	203	347
47440	68107	LEAD	4	275	467	245	388
47441	68107	LEAD	4	247	558	225	455
47444	68107	LEAD	4	174	212	171	199
47445	68107	LEAD	5	458	935	381	734
47447	68107	LEAD	5	523	857	429	676
47448	68107	LEAD	4	142	248	147	226
47449	68107	LEAD	4	390	560	330	456
47450	68107	LEAD	4	253	362	229	310
47451	68107	LEAD	4	196	289	187	256
47452	68107	LEAD	4	96	138	113	144
47453	68107	LEAD	4	108	258	122	233
47454	68107	LEAD	4	96	124	113	134
47455	68107	LEAD	4	86	114	106	127
47456	68107	LEAD	4	78	103	99	118
47457	68107	LEAD	4	522	863	428	681
47458	68107	LEAD	4	480	819	397	648
47460	68107	LEAD	4	119	179	130	174
47461	68107	LEAD	3	94	119	111	130
47462	68107	LEAD	4	120	132	131	140
47463	68107	LEAD	4	77	92	99	110
47464	68107	LEAD	3	132	199	140	189
47465	68107	LEAD	4	120	185	131	179
47466	68107	LEAD	5	56	71	83	95
47467	68107	LEAD	4	421	645	354	519
47468	68107	LEAD	4	106	127	120	136
47469	68107	LEAD	4	232	292	213	258
47470	68107	LEAD	5	166	350	165	301
47471	68107	LEAD	4	144	224	149	208
47473	68107	LEAD	5	39	56	71	83
47474	68107	LEAD	3	365	683	312	548
47475	68107	LEAD	4	145	179	149	174
47476	68107	LEAD	5	167	345	165	297
47477	68107	LEAD	2	597	699	484	559
47479	68107	LEAD	4	287	594	254	482
47480	68107	LEAD	4	258	404	233	341
47481	68107	LEAD	3	225	252	209	229
47482	68107	LEAD	4	123	177	133	173
47483	68107	LEAD	4	558	732	455	583
47484	68107	LEAD	4	195	337	186	291
47485	68107	LEAD	4	250	368	227	314
47487	68107	LEAD	4	205	284	194	252
47488	68107	LEAD	4	135	212	142	199

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47489	68107	LEAD	4	173	200	170	190
47491	68107	LEAD	4	178	262	174	236
47492	68107	LEAD	4	74	165	97	164
47493	68107	LEAD	4	542	960	443	752
47494	68107	LEAD	4	215	387	201	328
47496	68107	LEAD	4	65	90	90	108
47497	68107	LEAD	4	55	70	83	94
47498	68107	LEAD	2	384	534	326	437
47499	68107	LEAD	4	98	131	114	139
47502	68107	LEAD	4	269	428	241	358
47503	68107	LEAD	4	527	659	432	530
47505	68107	LEAD	4	211	221	198	205
47507	68107	LEAD	3	162	308	162	270
47508	68107	LEAD	5	177	344	173	297
47511	68107	LEAD	4	293	439	259	367
47512	68107	LEAD	4	119	135	130	142
47513	68107	LEAD	4	178	244	174	222
47514	68107	LEAD	4	124	178	134	174
47515	68107	LEAD	4	162	254	162	230
47516	68107	LEAD	5	179	238	174	218
47518	68107	LEAD	4	162	222	162	206
47519	68107	LEAD	4	221	366	206	312
47520	68107	LEAD	4	161	308	161	270
47521	68107	LEAD	5	229	332	212	288
47522	68107	LEAD	4	97	171	114	169
47523	68107	LEAD	4	221	436	206	365
47524	68107	LEAD	4	224	298	208	262
47525	68107	LEAD	3	200	281	190	250
47526	68107	LEAD	5	192	462	184	384
47529	68107	LEAD	4	599	920	485	723
47530	68107	LEAD	4	278	332	247	288
47531	68107	LEAD	4	251	449	228	374
47532	68107	LEAD	3	1509	4164	1159	3124
47533	68107	LEAD	4	437	552	366	450
47534	68107	LEAD	3	362	541	310	442
47535	68107	LEAD	4	233	404	215	341
47537	68107	LEAD	4	187	242	180	221
47538	68107	LEAD	4	196	240	187	220
47539	68107	LEAD	4	217	329	203	285
47540	68107	LEAD	4	246	303	224	266
47541	68107	LEAD	4	268	416	240	350
47544	68107	LEAD	4	161	315	161	275
47545	68107	LEAD	5	225	409	208	345
47547	68107	LEAD	2	507	535	417	438
47548	68107	LEAD	4	454	598	378	484

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47549	68107	LEAD	4	81	140	102	146
47550	68107	LEAD	4	464	706	385	565
47551	68107	LEAD	4	195	352	186	303
47553	68107	LEAD	4	255	349	231	300
47554	68107	LEAD	3	167	193	165	185
47555	68107	LEAD	4	227	426	210	357
47556	68107	LEAD	5	271	315	243	275
47557	68107	LEAD	3	306	402	269	339
47558	68107	LEAD	4	279	410	249	346
47559	68107	LEAD	4	96	133	113	140
47560	68107	LEAD	3	278	467	248	388
47561	68107	LEAD	4	130	166	138	165
47562	68107	LEAD	2	87	99	107	115
47563	68107	LEAD	5	327	627	284	506
47564	68107	LEAD	3	558	666	455	535
47565	68107	LEAD	5	196	317	187	277
47566	68107	LEAD	4	161	183	161	178
47568	68107	LEAD	3	55	80	83	101
47569	68107	LEAD	4	242	293	221	259
47570	68107	LEAD	6	120	178	130	174
47571	68107	LEAD	4	1420	3324	1093	2501
47572	68107	LEAD	3	578	886	469	698
47573	68107	LEAD	4	255	385	231	327
47574	68107	LEAD	3	106	108	120	122
47576	68107	LEAD	4	242	323	221	281
47577	68107	LEAD	4	331	674	287	541
47578	68107	LEAD	4	167	245	166	223
47579	68107	LEAD	4	204	393	193	333
47580	68107	LEAD	4	208	288	196	255
47581	68107	LEAD	4	408	908	344	714
47582	68107	LEAD	4	100	168	116	166
47583	68107	LEAD	4	171	286	169	254
47585	68107	LEAD	5	148	191	152	183
47586	68107	LEAD	4	145	187	149	181
47588	68107	LEAD	4	343	755	296	601
47589	68107	LEAD	4	98	163	115	162
47591	68107	LEAD	5	348	446	299	372
47592	68107	LEAD	4	134	166	141	165
47593	68107	LEAD	4	483	738	399	588
47594	68107	LEAD	4	91	127	109	136
47595	68107	LEAD	4	285	376	253	320
47596	68107	LEAD	5	479	718	396	573
47597	68107	LEAD	4	64	71	89	95
47598	68107	LEAD	4	182	263	177	237
47600	68107	LEAD	5	252	315	228	275

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47603	68107	LEAD	5	181	231	176	213
47604	68107	LEAD	4	247	334	225	289
47605	68107	LEAD	4	194	260	186	234
47607	68107	LEAD	5	179	357	174	306
47608	68107	LEAD	4	107	146	121	150
47609	68107	LEAD	4	117	171	128	169
47610	68107	LEAD	4	340	482	294	399
47611	68107	LEAD	4	101	125	117	135
47613	68107	LEAD	4	228	483	211	399
47615	68107	LEAD	5	279	381	248	324
47616	68107	LEAD	3	154	231	156	213
47617	68107	LEAD	4	364	470	311	390
47618	68107	LEAD	4	340	516	293	424
47620	68107	LEAD	3	203	299	192	263
47621	68107	LEAD	4	261	316	235	276
47622	68107	LEAD	4	268	347	240	299
47623	68107	LEAD	5	259	349	233	300
47624	68107	LEAD	5	135	198	142	188
47625	68107	LEAD	4	220	408	205	344
47626	68107	LEAD	4	395	521	334	427
47627	68107	LEAD	5	179	264	175	237
47628	68107	LEAD	5	154	303	156	266
47629	68107	LEAD	4	137	213	143	199
47630	68107	LEAD	5	436	674	365	541
47633	68107	LEAD	4	262	379	236	322
47634	68107	LEAD	4	216	500	202	412
47635	68107	LEAD	4	395	457	334	380
47636	68107	LEAD	4	720	1030	575	804
47638	68107	LEAD	3	160	293	160	259
47639	68107	LEAD	4	413	472	348	391
47642	68107	LEAD	4	450	861	375	679
47643	68107	LEAD	4	258	507	233	417
47644	68107	LEAD	3	495	677	408	543
47645	68107	LEAD	5	150	229	153	211
47646	68107	LEAD	4	434	681	363	546
47647	68107	LEAD	4	387	449	328	374
47648	68107	LEAD	4	232	351	213	302
47649	68107	LEAD	4	510	672	420	539
47650	68107	LEAD	4	316	498	276	411
47651	68107	LEAD	4	223	377	207	321
47652	68107	LEAD	4	159	216	160	202
47653	68107	LEAD	2	370	372	316	317
47654	68107	LEAD	4	423	459	355	382
47655	68107	LEAD	4	359	921	308	723
47656	68107	LEAD	4	114	150	127	153

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47659	68107	LEAD	4	308	349	270	300
47660	68107	LEAD	4	239	328	219	284
47661	68107	LEAD	4	214	394	201	334
47662	68107	LEAD	4	442	682	369	547
47663	68107	LEAD	4	103	174	118	171
47664	68107	LEAD	4	166	227	165	210
47665	68107	LEAD	3	137	163	143	162
47669	68107	LEAD	4	149	197	152	188
47670	68107	LEAD	4	640	936	515	735
47672	68107	LEAD	4	227	552	210	451
47673	68107	LEAD	4	452	899	376	707
47674	68107	LEAD	5	222	278	206	248
47676	68107	LEAD	4	170	274	168	244
47677	68107	LEAD	4	514	622	422	503
47679	68107	LEAD	4	183	303	177	267
47680	68107	LEAD	4	416	588	350	477
47681	68107	LEAD	4	280	390	249	330
47682	68107	LEAD	5	173	305	170	268
47683	68107	LEAD	5	437	710	366	567
47684	68107	LEAD	4	162	264	162	238
47685	68107	LEAD	4	206	387	195	329
47686	68107	LEAD	4	67	124	91	134
47687	68107	LEAD	4	294	395	260	335
47689	68107	LEAD	4	419	458	352	381
47690	68107	LEAD	4	296	489	261	404
47691	68107	LEAD	5	357	755	306	600
47692	68107	LEAD	4	448	644	374	519
47693	68107	LEAD	5	81	122	102	133
47694	68107	LEAD	4	135	166	142	165
47695	68107	LEAD	5	196	294	187	260
47696	68107	LEAD	5	311	421	272	354
47697	68107	LEAD	4	137	261	143	235
47699	68107	LEAD	4	119	152	130	155
47703	68107	LEAD	4	47	61	77	87
47704	68107	LEAD	4	157	163	158	163
47705	68107	LEAD	4	78	112	99	125
47706	68107	LEAD	4	136	246	143	224
47707	68107	LEAD	4	322	414	280	349
47708	68107	LEAD	4	125	192	135	184
47710	68107	LEAD	4	360	446	308	372
47711	68107	LEAD	4	120	213	131	200
47712	68107	LEAD	4	169	233	167	214
47713	68107	LEAD	3	84	106	104	121
47714	68107	LEAD	3	170	290	168	257
47715	68107	LEAD	4	247	349	225	300

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47716	68107	LEAD	2	469	603	389	488
47717	68107	LEAD	5	570	650	463	523
47718	68107	LEAD	5	436	763	364	607
47719	68107	LEAD	5	264	468	237	388
47721	68107	LEAD	4	262	302	236	265
47722	68107	LEAD	4	155	328	157	285
47723	68107	LEAD	5	204	260	193	234
47724	68107	LEAD	4	534	747	437	595
47727	68107	LEAD	5	322	467	280	387
47728	68107	LEAD	2	315	434	275	363
47730	68107	LEAD	5	622	960	502	753
47731	68107	LEAD	2	196	246	187	224
47732	68107	LEAD	3	476	494	395	407
47733	68107	LEAD	4	206	361	194	309
47734	68107	LEAD	4	327	501	284	413
47735	68107	LEAD	4	438	635	366	512
47738	68107	LEAD	5	199	304	189	267
47739	68107	LEAD	4	223	329	207	285
47740	68107	LEAD	5	160	226	161	209
47741	68107	LEAD	3	701	787	561	624
47742	68107	LEAD	4	98	157	115	158
47744	68107	LEAD	4	137	168	143	167
47745	68107	LEAD	4	244	492	223	406
47746	68107	LEAD	5	82	115	103	127
47747	68107	LEAD	4	77	95	99	112
47748	68107	LEAD	4	431	892	361	702
47749	68107	LEAD	2	202	316	192	276
47750	68107	LEAD	4	126	201	135	190
47753	68107	LEAD	1	185	185	179	179
47754	68107	LEAD	2	191	215	184	201
47755	68107	LEAD	6	154	260	156	234
47756	68107	LEAD	3	248	408	226	344
47757	68107	LEAD	4	188	318	181	277
47760	68107	LEAD	4	206	298	194	262
47761	68107	LEAD	4	176	237	172	217
47763	68107	LEAD	4	745	1337	593	1031
47765	68107	LEAD	3	445	626	371	505
47766	68107	LEAD	2	152	195	155	186
47767	68107	LEAD	5	508	729	418	581
47768	68107	LEAD	5	443	527	370	432
47770	68107	LEAD	4	138	199	144	189
47771	68107	LEAD	4	294	458	260	381
47772	68107	LEAD	3	217	366	203	313
47775	68107	LEAD	4	412	478	347	396
47776	68107	LEAD	3	546	711	446	568

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47777	68107	LEAD	4	344	722	297	576
47778	68107	LEAD	4	127	247	136	225
47779	68107	LEAD	4	161	187	161	180
47780	68107	LEAD	4	226	353	210	303
47781	68107	LEAD	4	266	370	239	316
47782	68107	LEAD	3	313	327	274	284
47783	68107	LEAD	5	487	587	402	476
47786	68107	LEAD	4	452	700	376	560
47787	68107	LEAD	4	302	475	265	393
47788	68107	LEAD	4	332	416	288	350
47789	68107	LEAD	5	408	705	344	564
47791	68107	LEAD	4	207	267	196	240
47793	68107	LEAD	5	187	274	181	245
47794	68107	LEAD	4	203	309	192	271
47795	68107	LEAD	4	47	68	77	93
47796	68107	LEAD	4	247	359	225	307
47797	68107	LEAD	5	253	439	229	367
47798	68107	LEAD	4	225	328	208	285
47799	68107	LEAD	3	110	145	124	149
47802	68107	LEAD	2	226	272	209	243
47803	68107	LEAD	5	148	189	151	182
47804	68107	LEAD	4	181	208	176	196
47806	68107	LEAD	4	65	110	90	123
47807	68107	LEAD	4	136	146	143	150
47809	68107	LEAD	3	266	319	239	278
47810	68107	LEAD	5	68	129	93	138
47811	68107	LEAD	4	290	366	257	313
47812	68107	LEAD	4	87	133	106	140
47813	68107	LEAD	4	277	385	247	327
47814	68107	LEAD	3	201	276	191	246
47815	68107	LEAD	4	240	546	219	446
47816	68107	LEAD	4	255	353	231	303
47818	68107	LEAD	4	494	899	408	707
47819	68107	LEAD	3	58	65	85	90
47820	68107	LEAD	4	98	122	114	132
47821	68107	LEAD	4	186	306	180	268
47822	68107	LEAD	5	174	247	171	225
47823	68107	LEAD	4	308	381	270	324
47826	68107	LEAD	4	162	278	162	248
47830	68107	LEAD	4	168	240	167	220
47831	68107	LEAD	4	1108	3902	862	2930
47832	68107	LEAD	4	167	240	165	220
47833	68107	LEAD	4	175	427	172	358
47834	68107	LEAD	3	74	100	97	116
47835	68107	LEAD	4	250	420	227	353

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47836	68107	LEAD	3	270	527	242	432
47838	68107	LEAD	4	132	218	140	204
47839	68107	LEAD	4	192	312	184	273
47840	68107	LEAD	4	168	200	166	190
47841	68107	LEAD	4	218	328	203	285
47842	68107	LEAD	4	73	101	96	117
47846	68107	LEAD	5	331	490	287	405
47847	68107	LEAD	4	116	148	128	152
47848	68107	LEAD	5	457	834	380	659
47850	68107	LEAD	5	295	609	260	493
47851	68107	LEAD	4	637	1074	513	837
47852	68107	LEAD	5	176	259	172	233
47856	68107	LEAD	2	117	128	128	137
47858	68107	LEAD	5	516	715	424	571
47859	68107	LEAD	5	224	485	207	401
47860	68107	LEAD	5	240	459	219	381
47861	68107	LEAD	3	544	963	445	754
47862	68107	LEAD	4	144	214	149	200
47863	68107	LEAD	3	538	1054	440	822
47865	68107	LEAD	4	158	212	159	199
47866	68107	LEAD	4	260	409	235	345
47867	68107	LEAD	5	332	678	288	544
47868	68107	LEAD	5	440	673	368	540
47870	68107	LEAD	4	268	449	240	374
47872	68107	LEAD	4	284	360	252	308
47875	68107	LEAD	5	327	413	284	347
47876	68107	LEAD	4	130	169	138	167
47878	68107	LEAD	4	215	315	201	275
47879	68107	LEAD	5	271	419	242	352
47880	68107	LEAD	5	440	719	367	574
47884	68107	LEAD	4	267	438	240	366
47885	68107	LEAD	4	598	1164	485	903
47886	68107	LEAD	4	420	603	353	488
47887	68107	LEAD	4	440	518	367	425
47888	68107	LEAD	4	165	232	164	213
47890	68107	LEAD	4	165	298	164	263
47893	68107	LEAD	5	84	105	104	120
47894	68107	LEAD	4	308	422	270	354
47895	68107	LEAD	5	673	1259	540	974
47896	68107	LEAD	3	590	736	479	586
47898	68107	LEAD	3	350	408	301	344
47899	68107	LEAD	4	258	319	233	278
47900	68107	LEAD	4	261	521	235	427
47902	68107	LEAD	4	394	567	333	462
47904	68107	LEAD	4	194	235	186	216

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47905	68107	LEAD	4	308	487	270	402
47906	68107	LEAD	4	54	67	82	92
47908	68107	LEAD	4	408	764	344	607
47909	68107	LEAD	4	98	138	114	144
47910	68107	LEAD	4	123	308	133	270
47911	68107	LEAD	3	393	433	333	362
47912	68107	LEAD	4	281	538	250	440
47913	68107	LEAD	2	470	566	390	461
47919	68107	LEAD	4	285	423	253	355
47921	68107	LEAD	3	113	137	126	143
47922	68107	LEAD	4	225	324	209	281
47924	68107	LEAD	5	210	262	197	236
47925	68107	LEAD	4	177	256	173	231
47926	68107	LEAD	4	183	220	177	204
47927	68107	LEAD	4	372	554	317	452
47928	68107	LEAD	4	87	116	106	128
47929	68107	LEAD	3	313	452	274	376
47930	68107	LEAD	4	331	446	287	372
47931	68107	LEAD	5	201	649	191	523
47933	68107	LEAD	4	170	313	168	274
47934	68107	LEAD	4	442	936	369	735
47935	68107	LEAD	4	193	388	185	329
47936	68107	LEAD	4	333	396	289	335
47937	68107	LEAD	4	474	657	393	528
47938	68107	LEAD	4	544	852	444	672
47939	68107	LEAD	4	479	805	397	638
47942	68107	LEAD	4	235	258	216	233
47943	68107	LEAD	4	428	906	359	712
47944	68107	LEAD	4	443	706	370	564
47945	68107	LEAD	4	258	505	233	416
47946	68107	LEAD	4	67	110	92	124
47947	68107	LEAD	4	106	244	121	222
47950	68107	LEAD	4	399	519	337	426
47951	68107	LEAD	4	169	420	167	353
47952	68107	LEAD	4	521	862	428	680
47953	68107	LEAD	4	378	587	322	476
47954	68107	LEAD	4	196	368	187	314
47956	68107	LEAD	2	546	598	446	484
47957	68107	LEAD	5	77	95	99	113
47960	68107	LEAD	5	156	245	157	223
47961	68107	LEAD	4	416	829	350	655
47962	68107	LEAD	3	229	305	212	268
47963	68107	LEAD	4	823	1259	651	973
47964	68107	LEAD	4	253	442	229	369
47965	68107	LEAD	4	542	767	443	610

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
47966	68107	LEAD	4	56	78	83	99
47967	68107	LEAD	4	288	383	255	326
47968	68107	LEAD	4	137	219	143	204
47969	68107	LEAD	5	746	2656	594	2007
47971	68107	LEAD	5	220	434	204	363
47972	68107	LEAD	4	228	337	211	291
47975	68107	LEAD	4	166	255	165	231
47977	68107	LEAD	4	575	1562	468	1198
47978	68107	LEAD	4	517	644	424	519
47979	68107	LEAD	5	509	858	418	677
47981	68107	LEAD	4	274	464	245	385
47984	68107	LEAD	4	107	201	121	191
47985	68107	LEAD	5	465	694	386	555
47986	68107	LEAD	4	99	300	115	264
47987	68107	LEAD	4	536	865	439	682
47988	68107	LEAD	4	238	286	218	254
47989	68107	LEAD	4	74	133	97	140
47990	68107	LEAD	4	121	144	132	149
47991	68107	LEAD	4	170	312	168	273
47992	68107	LEAD	3	446	809	372	641
47994	68107	LEAD	4	233	474	215	393
47996	68107	LEAD	3	158	186	159	179
47997	68107	LEAD	4	322	429	280	359
47999	68107	LEAD	5	275	357	245	306
48002	68107	LEAD	4	484	627	400	506
48003	68107	LEAD	4	97	127	113	136
48005	68107	LEAD	3	502	712	413	569
48006	68107	LEAD	5	338	542	292	443
48007	68107	LEAD	4	647	1076	521	838
48009	68107	LEAD	4	248	388	226	329
48014	68107	LEAD	4	168	198	166	188
48015	68107	LEAD	5	480	662	397	532
48016	68107	LEAD	5	537	1217	440	943
48018	68107	LEAD	4	205	320	194	279
48019	68107	LEAD	1	451	451	376	376
48020	68107	LEAD	4	338	463	292	385
48021	68107	LEAD	4	472	664	391	533
48026	68107	LEAD	4	343	500	296	412
48030	68107	LEAD	4	149	356	152	305
48031	68107	LEAD	4	359	556	308	453
48033	68107	LEAD	4	228	281	211	250
48035	68107	LEAD	5	241	459	220	381
48036	68107	LEAD	4	39	54	71	82
48037	68107	LEAD	5	213	415	200	349
48038	68107	LEAD	5	386	626	328	505

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48039	68107	LEAD	4	838	1820	662	1389
48040	68107	LEAD	5	169	266	167	239
48041	68107	LEAD	4	315	579	275	471
48043	68107	LEAD	5	338	458	292	381
48044	68107	LEAD	4	312	423	273	355
48045	68107	LEAD	4	248	313	225	274
48046	68107	LEAD	4	115	141	127	146
48048	68107	LEAD	4	228	349	211	300
48049	68107	LEAD	4	182	258	177	233
48050	68107	LEAD	4	97	141	114	146
48051	68107	LEAD	2	113	132	125	139
48052	68107	LEAD	4	321	557	280	454
48053	68107	LEAD	5	245	404	223	341
48054	68107	LEAD	4	201	227	191	210
48055	68107	LEAD	4	418	830	351	656
48056	68107	LEAD	2	289	513	256	421
48057	68107	LEAD	4	542	1097	443	854
48058	68107	LEAD	3	424	488	355	403
48060	68107	LEAD	5	129	235	137	216
48061	68107	LEAD	4	225	397	208	336
48062	68107	LEAD	4	255	437	231	365
48064	68107	LEAD	4	264	324	238	281
48065	68107	LEAD	4	621	711	502	568
48066	68107	LEAD	4	220	339	205	293
48067	68107	LEAD	4	333	525	288	431
48068	68107	LEAD	5	165	242	164	221
48069	68107	LEAD	4	105	121	120	132
48071	68107	LEAD	5	357	473	306	392
48072	68107	LEAD	4	221	279	206	249
48073	68107	LEAD	1	160	160	160	160
48074	68107	LEAD	5	743	2301	592	1744
48078	68107	LEAD	4	341	470	294	390
48080	68107	LEAD	4	346	512	298	421
48082	68107	LEAD	5	412	657	347	529
48083	68107	LEAD	4	251	380	228	323
48085	68107	LEAD	4	407	541	343	442
48088	68107	LEAD	4	121	269	131	241
48090	68107	LEAD	3	624	930	504	730
48091	68107	LEAD	4	382	579	325	471
48092	68107	LEAD	4	561	1240	457	960
48093	68107	LEAD	4	525	915	431	719
48096	68107	LEAD	4	161	256	161	231
48097	68107	LEAD	4	199	272	190	243
48098	68107	LEAD	3	171	256	169	231
48099	68107	LEAD	4	318	376	277	320

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48100	68107	LEAD	1	47	47	77	77
48101	68107	LEAD	6	128	218	137	204
48102	68107	LEAD	4	235	452	216	377
48107	68107	LEAD	4	307	728	269	580
48108	68107	LEAD	4	222	316	207	276
48109	68107	LEAD	4	89	125	108	135
48110	68107	LEAD	5	222	273	206	244
48113	68107	LEAD	4	918	2488	722	1883
48115	68107	LEAD	4	284	479	252	396
48116	68107	LEAD	4	167	309	165	271
48117	68107	LEAD	5	207	354	195	304
48118	68107	LEAD	4	374	881	319	694
48120	68107	LEAD	4	214	337	201	292
48121	68107	LEAD	4	102	134	117	141
48122	68107	LEAD	4	269	425	241	356
48124	68107	LEAD	5	276	490	246	404
48125	68107	LEAD	2	104	117	119	129
48126	68107	LEAD	2	199	203	189	192
48127	68107	LEAD	4	112	169	125	167
48128	68107	LEAD	4	305	470	268	390
48129	68107	LEAD	4	316	477	276	395
48131	68107	LEAD	4	512	774	421	615
48133	68107	LEAD	4	381	711	324	568
48135	68107	LEAD	4	374	435	318	364
48138	68107	LEAD	4	240	317	220	277
48139	68107	LEAD	4	268	409	240	345
48140	68107	LEAD	4	127	201	136	191
48141	68107	LEAD	4	143	230	148	212
48142	68107	LEAD	4	405	961	341	753
48143	68107	LEAD	4	87	107	106	121
48144	68107	LEAD	6	85	121	105	132
48146	68107	LEAD	3	173	254	170	230
48147	68107	LEAD	5	373	556	318	453
48148	68107	LEAD	5	193	392	185	332
48149	68107	LEAD	3	332	653	288	525
48150	68107	LEAD	4	245	330	223	286
48152	68107	LEAD	3	103	146	118	150
48153	68107	LEAD	5	89	133	108	140
48154	68107	LEAD	4	191	338	183	292
48159	68107	LEAD	4	122	149	132	152
48163	68107	LEAD	4	179	359	174	308
48164	68107	LEAD	4	183	236	177	216
48165	68107	LEAD	4	311	576	272	468
48167	68107	LEAD	4	356	529	305	433
48168	68107	LEAD	5	90	136	108	143

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48170	68107	LEAD	3	126	153	136	155
48171	68107	LEAD	5	208	349	196	300
48174	68107	LEAD	4	369	610	315	493
48175	68107	LEAD	3	470	844	390	667
48176	68107	LEAD	4	250	341	227	294
48179	68107	LEAD	4	156	196	157	187
48180	68107	LEAD	4	174	298	171	262
48181	68107	LEAD	4	196	259	187	233
48182	68107	LEAD	4	201	227	191	210
48183	68107	LEAD	4	318	412	277	347
48184	68107	LEAD	4	362	602	310	487
48185	68107	LEAD	4	142	261	147	235
48187	68107	LEAD	4	264	304	237	267
48189	68107	LEAD	4	146	244	150	222
48191	68107	LEAD	5	207	277	195	247
48193	68107	LEAD	3	274	497	245	410
48194	68107	LEAD	4	140	192	146	184
48195	68107	LEAD	4	223	351	207	302
48196	68107	LEAD	4	323	474	281	393
48199	68107	LEAD	4	36	46	69	76
48200	68107	LEAD	4	211	337	198	291
48202	68107	LEAD	6	87	123	107	133
48205	68107	LEAD	4	437	810	365	642
48206	68107	LEAD	5	279	438	248	366
48208	68107	LEAD	5	155	189	157	182
48210	68107	LEAD	3	192	325	184	282
48211	68107	LEAD	5	233	449	214	374
48214	68107	LEAD	3	188	247	181	225
48215	68107	LEAD	5	221	282	205	251
48216	68107	LEAD	4	189	322	182	280
48219	68107	LEAD	4	84	132	104	140
48221	68107	LEAD	5	512	664	421	533
48222	68107	LEAD	4	73	90	96	109
48223	68107	LEAD	4	447	582	373	473
48224	68107	LEAD	3	247	378	225	322
48225	68107	LEAD	4	426	747	357	595
48226	68107	LEAD	4	156	197	158	188
48227	68107	LEAD	4	131	151	139	154
48230	68107	LEAD	5	317	472	276	391
48232	68107	LEAD	5	226	364	209	311
48233	68107	LEAD	4	198	326	188	283
48234	68107	LEAD	4	166	291	165	257
48235	68107	LEAD	4	312	603	273	489
48236	68107	LEAD	4	247	384	225	326
48237	68107	LEAD	4	265	448	238	374

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48239	68107	LEAD	4	399	919	337	722
48240	68107	LEAD	5	302	719	265	574
48241	68107	LEAD	4	298	496	262	409
48242	68107	LEAD	3	145	202	149	192
48244	68107	LEAD	2	119	137	130	144
48245	68107	LEAD	5	657	1120	528	870
48248	68107	LEAD	4	363	434	311	363
48249	68107	LEAD	4	326	808	283	640
48250	68107	LEAD	4	102	184	117	178
48251	68107	LEAD	5	364	738	311	588
48254	68107	LEAD	2	323	345	281	297
48255	68107	LEAD	3	404	532	341	436
48257	68107	LEAD	5	175	350	172	301
48258	68107	LEAD	5	285	647	253	521
48260	68107	LEAD	4	221	326	205	283
48261	68107	LEAD	4	234	290	215	257
48266	68107	LEAD	5	235	328	216	285
48267	68107	LEAD	4	54	71	82	95
48269	68107	LEAD	4	265	381	238	324
48270	68107	LEAD	4	151	294	154	260
48271	68107	LEAD	4	214	334	201	289
48272	68107	LEAD	4	108	168	122	166
48273	68107	LEAD	4	204	292	193	258
48275	68107	LEAD	4	303	434	267	363
48276	68107	LEAD	4	253	275	229	246
48277	68107	LEAD	4	171	217	168	203
48279	68107	LEAD	4	153	214	155	200
48280	68107	LEAD	3	239	262	219	236
48281	68107	LEAD	4	137	296	144	261
48282	68107	LEAD	5	153	241	155	220
48283	68107	LEAD	4	117	188	129	181
48285	68107	LEAD	4	226	286	209	253
48286	68107	LEAD	5	279	384	248	326
48287	68107	LEAD	5	168	294	166	259
48289	68107	LEAD	4	255	583	231	473
48292	68107	LEAD	4	599	1170	486	908
48293	68107	LEAD	5	126	170	135	168
48295	68107	LEAD	5	186	330	179	286
48296	68107	LEAD	4	210	243	197	222
48297	68107	LEAD	4	251	434	228	363
48299	68107	LEAD	4	573	1766	466	1349
48300	68107	LEAD	5	109	171	123	169
48302	68107	LEAD	4	219	256	204	232
48305	68107	LEAD	4	735	1350	586	1041
48308	68107	LEAD	4	521	679	427	545

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48309	68107	LEAD	4	95	138	112	144
48310	68107	LEAD	6	114	220	126	205
48311	68107	LEAD	4	146	210	150	197
48312	68107	LEAD	4	316	704	276	563
48313	68107	LEAD	4	300	440	264	368
48314	68107	LEAD	4	110	133	123	141
48315	68107	LEAD	4	279	472	248	391
48317	68107	LEAD	5	210	327	197	284
48319	68107	LEAD	4	279	438	248	366
48320	68107	LEAD	4	107	132	121	140
48324	68107	LEAD	4	328	420	284	353
48327	68107	LEAD	4	205	293	194	259
48328	68107	LEAD	4	292	374	258	319
48331	68107	LEAD	4	188	293	181	259
48332	68107	LEAD	4	157	213	158	200
48334	68107	LEAD	4	555	742	452	591
48335	68107	LEAD	4	106	150	120	153
48336	68107	LEAD	3	236	285	217	253
48338	68107	LEAD	4	165	225	164	208
48340	68107	LEAD	5	312	794	273	629
48341	68107	LEAD	5	119	301	130	264
48342	68107	LEAD	3	177	248	173	225
48343	68107	LEAD	4	116	167	128	166
48345	68107	LEAD	3	193	239	185	219
48347	68107	LEAD	4	393	556	333	453
48349	68107	LEAD	4	137	189	143	182
48350	68107	LEAD	5	228	284	211	252
48352	68107	LEAD	4	105	138	120	144
48353	68107	LEAD	5	280	460	249	382
48354	68107	LEAD	4	197	293	188	259
48359	68107	LEAD	4	153	192	155	184
48361	68107	LEAD	4	178	246	174	224
48363	68107	LEAD	4	319	465	278	386
48364	68107	LEAD	4	341	549	294	448
48365	68107	LEAD	3	301	600	265	486
48367	68107	LEAD	2	114	134	126	141
48368	68107	LEAD	4	199	263	189	237
48369	68107	LEAD	5	125	175	134	171
48373	68107	LEAD	4	352	448	303	374
48378	68107	LEAD	4	162	187	162	181
48379	68107	LEAD	4	80	136	101	143
48380	68107	LEAD	5	181	287	176	254
48382	68107	LEAD	4	253	457	229	380
48383	68107	LEAD	4	117	166	129	165
48384	68107	LEAD	4	254	409	230	345

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48385	68107	LEAD	4	114	137	127	143
48386	68107	LEAD	4	166	202	165	191
48387	68107	LEAD	5	250	420	227	352
48389	68107	LEAD	4	123	169	133	167
48390	68107	LEAD	4	441	592	369	480
48391	68107	LEAD	4	132	209	140	197
48392	68107	LEAD	4	54	73	82	96
48393	68107	LEAD	4	257	307	232	269
48395	68107	LEAD	4	59	84	86	104
48397	68107	LEAD	4	141	181	146	176
48400	68107	LEAD	4	182	285	177	253
48402	68107	LEAD	4	142	196	147	187
48403	68107	LEAD	4	202	225	191	208
48404	68107	LEAD	3	93	107	111	121
48405	68107	LEAD	4	243	331	222	287
48406	68107	LEAD	4	207	271	195	243
48407	68107	LEAD	5	109	163	123	162
48408	68107	LEAD	4	206	308	195	270
48409	68107	LEAD	4	102	146	117	150
48410	68107	LEAD	3	159	198	160	189
48411	68107	LEAD	5	298	429	262	359
48413	68107	LEAD	4	199	444	189	371
48416	68107	LEAD	5	350	1050	301	819
48417	68107	LEAD	4	249	306	226	268
48418	68107	LEAD	4	167	232	166	214
48419	68107	LEAD	4	311	945	272	741
48423	68107	LEAD	3	313	423	274	355
48424	68107	LEAD	5	88	95	107	112
48425	68107	LEAD	4	284	609	252	493
48426	68107	LEAD	3	112	164	125	163
48427	68107	LEAD	4	326	492	283	406
48428	68107	LEAD	4	242	442	221	369
48430	68107	LEAD	4	266	365	239	312
48431	68107	LEAD	4	339	585	293	475
48432	68107	LEAD	5	174	323	171	281
48433	68107	LEAD	2	98	110	114	123
48434	68107	LEAD	4	277	459	247	382
48435	68107	LEAD	4	198	338	189	292
48437	68107	LEAD	4	224	286	208	254
48438	68107	LEAD	5	75	91	97	110
48439	68107	LEAD	2	99	125	115	134
48441	68107	LEAD	5	184	210	178	197
48442	68107	LEAD	3	103	209	118	196
48444	68107	LEAD	4	651	797	524	632
48446	68107	LEAD	3	277	315	247	275

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48447	68107	LEAD	4	155	241	157	221
48451	68107	LEAD	4	302	375	266	320
48452	68107	LEAD	4	167	198	165	188
48455	68107	LEAD	4	113	164	126	163
48456	68107	LEAD	4	239	410	219	346
48457	68107	LEAD	4	171	222	169	206
48459	68107	LEAD	3	261	470	235	389
48460	68107	LEAD	5	149	226	152	209
48461	68107	LEAD	4	88	118	107	129
48463	68107	LEAD	4	212	356	199	305
48464	68107	LEAD	4	128	179	137	174
48466	68107	LEAD	4	158	335	159	290
48467	68107	LEAD	4	356	685	306	549
48468	68107	LEAD	4	142	208	147	196
48469	68107	LEAD	6	117	185	129	179
48470	68107	LEAD	4	78	152	99	154
48471	68107	LEAD	4	101	140	117	146
48472	68107	LEAD	4	103	152	118	155
48474	68107	LEAD	4	136	174	143	171
48476	68107	LEAD	5	169	259	167	234
48477	68107	LEAD	4	188	279	181	248
48479	68107	LEAD	4	185	289	179	256
48480	68107	LEAD	3	170	279	168	248
48481	68107	LEAD	4	301	310	265	271
48482	68107	LEAD	4	92	117	110	129
48484	68107	LEAD	2	153	184	155	178
48485	68107	LEAD	4	71	84	94	104
48487	68107	LEAD	5	171	240	168	220
48489	68107	LEAD	4	289	606	256	491
48490	68107	LEAD	5	119	162	130	162
48492	68107	LEAD	3	642	930	517	730
48493	68107	LEAD	4	234	369	215	315
48494	68107	LEAD	5	55	75	82	97
48495	68107	LEAD	4	309	406	271	343
48496	68107	LEAD	4	442	906	369	712
48497	68107	LEAD	4	71	78	95	100
48499	68107	LEAD	6	117	166	129	165
48500	68107	LEAD	4	142	221	147	205
48501	68107	LEAD	5	108	223	122	207
48502	68107	LEAD	4	268	315	241	275
48503	68107	LEAD	4	260	317	235	276
48505	68107	LEAD	4	104	159	119	159
48506	68107	LEAD	4	450	852	375	673
48507	68107	LEAD	4	99	152	115	155
48508	68107	LEAD	5	113	211	126	198

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48510	68107	LEAD	4	93	134	110	141
48511	68107	LEAD	4	103	116	118	128
48512	68107	LEAD	2	485	578	401	470
48513	68107	LEAD	4	134	162	141	162
48514	68107	LEAD	4	105	181	120	176
48515	68107	LEAD	4	198	288	189	255
48517	68107	LEAD	5	72	141	95	147
48519	68107	LEAD	5	174	255	171	231
48523	68107	LEAD	3	354	597	304	483
48525	68107	LEAD	4	660	1006	531	787
48526	68107	LEAD	1	354	354	304	304
48529	68107	LEAD	5	233	299	214	264
48530	68107	LEAD	4	182	285	177	253
48531	68107	LEAD	4	130	192	138	184
48532	68107	LEAD	4	119	124	130	134
48533	68107	LEAD	4	111	321	124	280
48534	68107	LEAD	4	80	155	101	157
48538	68107	LEAD	5	147	258	151	233
48539	68107	LEAD	4	159	209	160	197
48540	68107	LEAD	4	112	139	125	145
48541	68107	LEAD	4	730	794	582	629
48542	68107	LEAD	2	120	148	131	151
48543	68107	LEAD	4	65	76	90	98
48544	68107	LEAD	3	368	502	315	414
48545	68107	LEAD	4	120	156	131	158
48546	68107	LEAD	5	438	804	366	637
48547	68107	LEAD	5	343	868	296	684
48548	68107	LEAD	4	140	193	146	185
48549	68107	LEAD	4	77	120	99	131
48550	68107	LEAD	5	118	242	130	221
48551	68107	LEAD	4	328	606	284	491
48552	68107	LEAD	4	78	141	100	146
48553	68107	LEAD	4	231	310	213	271
48554	68107	LEAD	3	102	117	117	129
48555	68107	LEAD	3	178	226	174	210
48556	68107	LEAD	4	181	261	176	235
48557	68107	LEAD	4	124	154	134	156
48558	68107	LEAD	4	115	168	127	166
48559	68107	LEAD	3	269	343	241	296
48560	68107	LEAD	4	177	241	173	220
48561	68107	LEAD	4	128	317	136	276
48563	68107	LEAD	5	51	90	79	109
48564	68107	LEAD	4	74	129	97	137
48565	68107	LEAD	4	29	43	64	74
48566	68107	LEAD	4	70	85	93	105

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48567	68107	LEAD	4	83	102	104	117
48568	68107	LEAD	4	106	135	120	142
48569	68107	LEAD	5	129	165	137	164
48570	68107	LEAD	4	135	225	142	209
48571	68107	LEAD	4	152	248	154	226
48572	68107	LEAD	3	164	303	163	266
48573	68107	LEAD	5	56	85	83	105
48574	68107	LEAD	4	183	243	178	222
48576	68107	LEAD	4	54	66	82	91
48577	68107	LEAD	4	75	90	98	108
48578	68107	LEAD	4	74	120	97	131
48580	68107	LEAD	5	174	256	171	232
48581	68107	LEAD	5	217	391	203	331
48582	68107	LEAD	4	79	85	100	105
48583	68107	LEAD	3	202	386	191	328
48584	68107	LEAD	5	310	534	271	437
48586	68107	LEAD	4	179	214	175	201
48587	68107	LEAD	4	456	824	380	652
48588	68107	LEAD	4	121	236	132	217
48589	68107	LEAD	4	166	302	165	265
48590	68107	LEAD	4	109	196	122	187
48593	68107	LEAD	4	204	351	193	301
48594	68107	LEAD	4	175	310	171	272
48596	68107	LEAD	4	95	137	113	144
48599	68107	LEAD	2	235	241	216	220
48600	68107	LEAD	4	411	705	346	564
48602	68107	LEAD	4	191	298	183	263
48604	68107	LEAD	4	109	131	123	139
48606	68107	LEAD	4	152	285	155	253
48607	68107	LEAD	4	347	557	299	454
48610	68107	LEAD	4	284	363	252	310
48611	68107	LEAD	4	129	167	138	166
48612	68107	LEAD	3	137	163	143	162
48613	68107	LEAD	6	178	263	173	237
48614	68107	LEAD	5	133	171	140	169
48615	68107	LEAD	4	52	70	80	94
48616	68107	LEAD	4	198	259	189	233
48618	68107	LEAD	5	52	107	80	121
48619	68107	LEAD	4	39	63	71	89
48620	68107	LEAD	4	109	205	123	194
48621	68107	LEAD	4	59	75	86	97
48622	68107	LEAD	5	147	345	151	297
48623	68107	LEAD	4	198	222	188	206
48625	68107	LEAD	4	406	616	342	498
48626	68107	LEAD	5	156	205	157	194

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48627	68107	LEAD	4	441	759	369	604
48628	68107	LEAD	4	175	201	171	190
48632	68107	LEAD	5	177	223	173	207
48633	68107	LEAD	5	303	399	266	337
48634	68107	LEAD	5	305	444	267	371
48635	68107	LEAD	4	407	586	344	475
48636	68107	LEAD	4	187	230	180	212
48637	68107	LEAD	4	107	129	121	137
48638	68107	LEAD	4	85	147	105	151
48639	68107	LEAD	4	31	41	65	72
48640	68107	LEAD	5	324	505	282	416
48641	68107	LEAD	3	37	47	69	77
48642	68107	LEAD	4	75	95	98	113
48643	68107	LEAD	4	194	262	185	236
48647	68107	LEAD	4	385	521	327	427
48649	68107	LEAD	4	206	468	195	388
48651	68107	LEAD	5	71	125	94	134
48652	68107	LEAD	4	194	247	186	225
48654	68107	LEAD	4	361	733	309	585
48655	68107	LEAD	3	76	90	98	109
48656	68107	LEAD	4	81	99	102	115
48659	68107	LEAD	4	95	154	112	156
48661	68107	LEAD	4	191	467	183	387
48662	68107	LEAD	4	251	355	228	305
48663	68107	LEAD	4	301	473	265	392
48667	68107	LEAD	4	217	370	203	316
48668	68107	LEAD	5	149	355	152	304
48670	68107	LEAD	4	96	118	113	129
48671	68107	LEAD	4	124	160	134	160
48672	68107	LEAD	5	99	139	116	145
48674	68107	LEAD	4	126	241	136	220
48675	68107	LEAD	4	84	103	104	118
48676	68107	LEAD	4	101	177	117	173
48677	68107	LEAD	4	272	601	243	486
48679	68107	LEAD	3	421	722	353	577
48680	68107	LEAD	6	308	661	270	531
48681	68107	LEAD	4	208	461	196	383
48682	68107	LEAD	4	125	224	135	208
48684	68107	LEAD	4	126	211	135	198
48685	68107	LEAD	5	61	102	87	118
48687	68107	LEAD	5	142	240	147	219
48689	68107	LEAD	4	65	88	90	107
48691	68107	LEAD	4	120	166	131	165
48693	68107	LEAD	5	252	812	229	643
48694	68107	LEAD	4	267	342	239	295

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48695	68107	LEAD	6	143	185	148	179
48696	68107	LEAD	4	181	237	176	217
48697	68107	LEAD	3	136	212	142	199
48698	68107	LEAD	5	175	545	172	445
48699	68107	LEAD	4	195	271	187	243
48701	68107	LEAD	5	335	808	290	640
48702	68107	LEAD	4	442	943	369	740
48703	68107	LEAD	5	85	121	105	132
48705	68107	LEAD	4	385	538	327	440
48708	68107	LEAD	4	357	656	306	528
48710	68107	LEAD	3	281	485	250	401
48711	68107	LEAD	4	98	102	114	118
48715	68107	LEAD	4	563	611	458	494
48718	68107	LEAD	4	352	545	302	445
48719	68107	LEAD	4	281	338	250	292
48720	68107	LEAD	4	188	432	181	362
48721	68107	LEAD	4	414	838	348	662
48722	68107	LEAD	4	193	325	185	282
48723	68107	LEAD	4	200	288	190	255
48724	68107	LEAD	3	379	662	323	532
48725	68107	LEAD	5	93	149	111	152
48726	68107	LEAD	4	212	432	199	362
48727	68107	LEAD	4	283	464	252	385
48728	68107	LEAD	4	99	207	116	195
48731	68107	LEAD	4	109	114	122	127
48732	68107	LEAD	3	156	206	158	194
48733	68107	LEAD	2	71	76	94	98
48734	68107	LEAD	4	497	636	410	512
48736	68107	LEAD	4	128	176	137	172
48737	68107	LEAD	4	405	696	342	557
48738	68107	LEAD	4	259	347	234	298
48739	68107	LEAD	2	703	763	562	607
48741	68107	LEAD	5	219	282	204	250
48743	68107	LEAD	2	274	374	245	319
48744	68107	LEAD	6	111	128	124	137
48745	68107	LEAD	4	393	602	333	487
48746	68107	LEAD	4	151	235	154	216
48747	68107	LEAD	3	290	417	256	351
48748	68107	LEAD	4	301	840	265	664
48750	68107	LEAD	4	358	799	307	633
48751	68107	LEAD	4	394	630	334	508
48752	68107	LEAD	5	62	94	88	112
48753	68107	LEAD	4	188	319	181	278
48754	68107	LEAD	6	69	156	93	157
48755	68107	LEAD	5	380	953	323	747

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48757	68107	LEAD	4	121	163	132	163
48758	68107	LEAD	4	285	373	253	318
48759	68107	LEAD	4	74	102	97	117
48760	68107	LEAD	5	83	126	103	136
48762	68107	LEAD	5	122	164	132	164
48764	68107	LEAD	4	469	861	389	679
48765	68107	LEAD	4	130	196	139	187
48766	68107	LEAD	3	207	305	195	267
48767	68107	LEAD	4	266	592	239	480
48768	68107	LEAD	4	114	145	126	149
48771	68107	LEAD	4	184	305	178	268
48772	68107	LEAD	5	78	107	100	121
48773	68107	LEAD	4	223	286	207	254
48774	68107	LEAD	4	130	187	138	180
48775	68107	LEAD	4	260	297	234	262
48776	68107	LEAD	4	358	512	307	421
48777	68107	LEAD	5	104	218	119	204
48778	68107	LEAD	1	234	234	215	215
48779	68107	LEAD	3	285	448	253	373
48780	68107	LEAD	4	155	234	157	215
48782	68107	LEAD	2	285	305	253	268
48783	68107	LEAD	5	223	345	207	297
48784	68107	LEAD	4	101	134	117	141
48785	68107	LEAD	4	149	246	152	224
48786	68107	LEAD	4	157	203	158	192
48791	68107	LEAD	3	309	414	270	349
48793	68107	LEAD	6	180	422	175	354
48795	68107	LEAD	2	275	303	245	266
48796	68107	LEAD	4	290	491	256	405
48797	68107	LEAD	4	269	475	241	394
48798	68107	LEAD	5	188	330	181	286
48799	68107	LEAD	4	99	171	115	169
48800	68107	LEAD	4	188	239	181	219
48801	68107	LEAD	4	270	376	242	320
48803	68107	LEAD	4	100	119	116	130
48804	68107	LEAD	5	216	252	202	228
48805	68107	LEAD	4	134	176	141	172
48806	68107	LEAD	4	232	331	214	287
48807	68107	LEAD	4	151	200	154	190
48810	68107	LEAD	4	148	242	151	221
48811	68107	LEAD	4	157	211	158	198
48813	68107	LEAD	4	266	561	239	457
48814	68107	LEAD	5	341	539	294	441
48815	68107	LEAD	5	143	205	148	194
48816	68107	LEAD	4	111	163	124	163

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48817	68107	LEAD	5	138	355	144	304
48818	68107	LEAD	4	254	323	230	281
48819	68107	LEAD	5	233	268	215	240
48820	68107	LEAD	2	91	97	109	113
48821	68107	LEAD	4	1289	5002	996	3744
48822	68107	LEAD	4	212	352	199	303
48823	68107	LEAD	4	210	256	198	232
48824	68107	LEAD	4	89	109	108	123
48825	68107	LEAD	4	264	588	238	477
48826	68107	LEAD	4	140	158	146	159
48827	68107	LEAD	6	142	197	147	188
48830	68107	LEAD	5	149	242	152	221
48831	68107	LEAD	5	226	376	210	320
48832	68107	LEAD	4	155	256	156	231
48833	68107	LEAD	4	124	185	134	179
48835	68107	LEAD	5	142	217	147	203
48836	68107	LEAD	4	150	196	153	187
48837	68107	LEAD	4	109	172	123	170
48838	68107	LEAD	5	133	205	140	193
48839	68107	LEAD	3	170	277	168	247
48840	68107	LEAD	6	76	100	98	116
48841	68107	LEAD	6	134	225	141	208
48844	68107	LEAD	4	174	319	171	278
48846	68107	LEAD	4	149	208	153	196
48847	68107	LEAD	5	190	272	183	243
48848	68107	LEAD	3	107	148	121	151
48850	68107	LEAD	4	161	249	161	226
48851	68107	LEAD	5	288	640	255	515
48852	68107	LEAD	5	52	70	81	94
48853	68107	LEAD	4	181	301	176	265
48854	68107	LEAD	4	103	144	119	148
48855	68107	LEAD	4	352	444	303	371
48856	68107	LEAD	5	770	1306	612	1009
48857	68107	LEAD	3	317	352	276	303
48858	68107	LEAD	4	298	390	263	331
48859	68107	LEAD	5	196	339	187	293
48860	68107	LEAD	2	49	60	79	86
48861	68107	LEAD	4	64	95	89	113
48862	68107	LEAD	4	169	209	167	196
48864	68107	LEAD	4	100	119	116	130
48867	68107	LEAD	4	81	95	102	113
48868	68107	LEAD	4	254	452	230	377
48869	68107	LEAD	4	235	290	216	256
48871	68107	LEAD	4	231	372	213	318
48872	68107	LEAD	4	112	133	125	141

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48873	68107	LEAD	5	222	471	206	391
48874	68107	LEAD	4	138	217	144	202
48875	68107	LEAD	4	86	119	105	130
48876	68107	LEAD	4	154	272	156	244
48878	68107	LEAD	4	199	433	189	362
48879	68107	LEAD	4	149	250	152	227
48881	68107	LEAD	4	212	401	199	339
48883	68107	LEAD	5	125	183	134	178
48884	68107	LEAD	4	180	233	175	214
48885	68107	LEAD	6	162	196	162	187
48886	68107	LEAD	4	319	716	278	571
48887	68107	LEAD	4	288	374	255	318
48888	68107	LEAD	4	217	257	203	232
48889	68107	LEAD	4	294	372	260	317
48892	68107	LEAD	5	126	203	135	192
48893	68107	LEAD	4	462	876	384	690
48897	68107	LEAD	4	108	254	122	230
48898	68107	LEAD	4	78	139	100	145
48899	68107	LEAD	5	411	803	346	636
48900	68107	LEAD	4	120	127	131	136
48901	68107	LEAD	4	161	208	161	196
48902	68107	LEAD	4	112	180	125	175
48903	68107	LEAD	4	263	306	236	269
48904	68107	LEAD	5	265	460	238	382
48905	68107	LEAD	4	173	200	170	190
48906	68107	LEAD	4	51	74	80	97
48907	68107	LEAD	4	202	391	192	332
48908	68107	LEAD	3	164	189	163	182
48910	68107	LEAD	4	297	366	262	313
48911	68107	LEAD	4	255	574	231	467
48914	68107	LEAD	4	124	205	133	194
48916	68107	LEAD	4	201	399	191	338
48917	68107	LEAD	4	255	380	231	323
48920	68107	LEAD	4	153	229	155	211
48921	68107	LEAD	4	101	124	117	133
48923	68107	LEAD	4	199	256	189	231
48925	68107	LEAD	4	159	200	160	190
48926	68107	LEAD	2	411	458	346	381
48927	68107	LEAD	4	491	940	405	737
48929	68107	LEAD	4	132	179	140	175
48931	68107	LEAD	4	285	669	253	537
48932	68107	LEAD	5	120	203	131	192
48935	68107	LEAD	4	181	246	176	224
48936	68107	LEAD	4	45	77	76	99
48937	68107	LEAD	4	210	282	197	251

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
48939	68107	LEAD	4	343	463	296	384
48941	68107	LEAD	4	264	381	237	324
48943	68107	LEAD	4	305	354	268	304
48944	68107	LEAD	5	103	181	118	176
48946	68107	LEAD	5	331	770	287	612
48948	68107	LEAD	4	197	250	188	227
48949	68107	LEAD	4	224	371	207	317
48952	68107	LEAD	4	396	552	335	451
48953	68107	LEAD	4	161	206	161	194
48954	68107	LEAD	5	200	337	190	291
48956	68107	LEAD	3	288	378	255	322
48958	68107	LEAD	4	1161	2081	901	1582
48959	68107	LEAD	4	275	525	246	430
48962	68107	LEAD	4	252	268	228	241
48963	68107	LEAD	4	219	287	204	255
48964	68107	LEAD	4	328	415	285	349
48965	68107	LEAD	4	126	167	135	165
48968	68107	LEAD	4	278	387	248	329
48969	68107	LEAD	4	382	412	325	347
48971	68107	LEAD	4	394	588	334	477
48972	68107	LEAD	4	255	409	231	345
48973	68107	LEAD	5	609	1401	492	1079
48974	68107	LEAD	4	160	224	161	208
48975	68107	LEAD	4	280	498	249	411
48976	68107	LEAD	5	183	316	178	276
48977	68107	LEAD	4	281	298	250	262
48978	68107	LEAD	4	184	279	178	248
48981	68107	LEAD	4	95	152	113	155
48982	68107	LEAD	4	162	208	162	196
48983	68107	LEAD	5	251	355	228	305
48984	68107	LEAD	4	237	329	217	285
48985	68107	LEAD	5	358	738	307	588
48986	68107	LEAD	4	533	603	437	488
48987	68107	LEAD	4	298	603	262	488
48988	68107	LEAD	4	62	67	88	92
48989	68107	LEAD	4	257	328	232	285
48990	68107	LEAD	4	226	444	209	370
48991	68107	LEAD	5	152	250	155	227
48992	68107	LEAD	4	223	318	207	277
48994	68107	LEAD	3	164	188	163	181
48996	68107	LEAD	4	199	300	189	264
48997	68107	LEAD	4	210	278	197	248
48998	68107	LEAD	5	201	312	191	273
48999	68107	LEAD	3	115	235	127	216
49000	68107	LEAD	4	202	366	192	312

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49001	68107	LEAD	4	253	659	229	530
49002	68107	LEAD	4	435	783	364	621
49003	68107	LEAD	4	394	575	334	467
49006	68107	LEAD	4	74	90	96	108
49007	68107	LEAD	5	333	636	289	512
49008	68107	LEAD	5	48	68	77	92
49009	68107	LEAD	5	78	126	100	135
49010	68107	LEAD	4	189	217	182	203
49012	68107	LEAD	5	102	134	117	141
49013	68107	LEAD	4	267	574	239	467
49014	68107	LEAD	2	373	395	318	334
49015	68107	LEAD	4	410	635	346	512
49016	68107	LEAD	5	306	593	268	481
49017	68107	LEAD	5	187	424	180	356
49018	68107	LEAD	4	71	100	95	116
49019	68107	LEAD	5	323	493	281	407
49020	68107	LEAD	4	214	386	201	328
49022	68107	LEAD	5	194	533	185	436
49023	68107	LEAD	2	156	184	158	178
49026	68107	LEAD	4	763	2205	607	1674
49027	68107	LEAD	2	573	942	466	739
49030	68107	LEAD	4	268	424	241	356
49031	68107	LEAD	4	214	294	200	259
49032	68107	LEAD	5	123	216	133	202
49033	68107	LEAD	3	259	423	234	355
49035	68107	LEAD	4	138	184	144	178
49036	68107	LEAD	4	101	129	117	137
49037	68107	LEAD	4	347	563	299	458
49038	68107	LEAD	4	318	533	277	437
49040	68107	LEAD	4	305	345	268	297
49042	68107	LEAD	4	407	533	343	436
49044	68107	LEAD	5	326	488	283	403
49046	68107	LEAD	3	835	1122	660	872
49048	68107	LEAD	4	214	407	200	343
49050	68107	LEAD	4	190	322	182	280
49052	68107	LEAD	4	367	474	313	393
49053	68107	LEAD	4	364	540	311	442
49054	68107	LEAD	4	238	365	218	312
49055	68107	LEAD	4	96	150	113	153
49056	68107	LEAD	5	186	340	180	294
49058	68107	LEAD	4	1032	1912	805	1457
49059	68107	LEAD	6	95	137	112	143
49061	68107	LEAD	4	185	293	179	259
49062	68107	LEAD	4	372	870	317	686
49063	68107	LEAD	4	617	799	499	633

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49066	68107	LEAD	4	194	316	186	275
49067	68107	LEAD	3	73	102	96	117
49068	68107	LEAD	4	212	342	199	295
49070	68107	LEAD	3	138	149	144	152
49071	68107	LEAD	4	289	392	256	332
49072	68107	LEAD	4	289	431	256	361
49074	68107	LEAD	4	337	676	291	542
49075	68107	LEAD	4	149	241	152	221
49076	68107	LEAD	4	170	226	167	209
49077	68107	LEAD	2	166	284	165	252
49078	68107	LEAD	4	109	133	122	140
49079	68107	LEAD	4	379	849	323	670
49081	68107	LEAD	5	316	556	276	453
49082	68107	LEAD	4	350	487	301	402
49083	68107	LEAD	4	366	558	313	455
49085	68107	LEAD	5	201	304	191	267
49087	68107	LEAD	4	205	245	194	223
49088	68107	LEAD	4	287	462	254	384
49091	68107	LEAD	4	305	357	268	306
49092	68107	LEAD	3	457	638	380	514
49093	68107	LEAD	3	189	328	182	285
49095	68107	LEAD	4	361	706	309	564
49096	68107	LEAD	4	122	208	132	196
49098	68107	LEAD	4	170	252	168	229
49099	68107	LEAD	4	331	449	287	375
49100	68107	LEAD	5	157	225	158	209
49104	68107	LEAD	3	184	285	178	253
49105	68107	LEAD	3	573	769	466	611
49106	68107	LEAD	2	362	437	310	365
49107	68107	LEAD	4	520	830	427	656
49109	68107	LEAD	4	435	705	364	563
49111	68107	LEAD	2	208	215	196	201
49112	68107	LEAD	4	295	622	260	502
49113	68107	LEAD	6	299	406	263	343
49114	68107	LEAD	4	272	335	244	290
49115	68107	LEAD	4	455	576	379	468
49116	68107	LEAD	5	365	502	312	414
49117	68107	LEAD	3	328	559	285	455
49118	68107	LEAD	5	237	440	218	368
49119	68107	LEAD	5	144	350	148	301
49120	68107	LEAD	4	605	820	489	649
49121	68107	LEAD	4	374	489	318	404
49122	68107	LEAD	4	191	382	183	325
49123	68107	LEAD	4	491	603	406	488
49124	68107	LEAD	4	341	724	295	577

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49125	68107	LEAD	2	631	920	509	722
49126	68107	LEAD	4	169	211	167	198
49127	68107	LEAD	5	387	703	328	562
49128	68107	LEAD	2	197	220	188	205
49131	68107	LEAD	3	317	521	277	428
49132	68107	LEAD	4	487	528	402	432
49133	68107	LEAD	5	363	500	311	412
49134	68107	LEAD	4	318	423	277	355
49135	68107	LEAD	4	216	372	201	317
49136	68107	LEAD	4	113	144	125	148
49137	68107	LEAD	3	513	822	421	650
49138	68107	LEAD	4	483	780	399	619
49139	68107	LEAD	5	98	133	115	140
49165	68107	LEAD	4	245	623	223	503
49167	68107	LEAD	4	58	74	85	97
49172	68107	LEAD	4	241	431	220	361
49173	68107	LEAD	3	432	516	362	424
49174	68107	LEAD	4	285	510	253	419
49184	68107	LEAD	4	104	127	119	136
49185	68107	LEAD	3	214	406	200	343
49186	68107	LEAD	3	132	165	140	164
49193	68107	LEAD	4	33	44	66	74
49200	68107	LEAD	4	408	687	344	551
49207	68107	LEAD	4	145	159	150	160
49208	68107	LEAD	4	59	82	86	103
49209	68107	LEAD	6	92	157	110	158
49216	68107	LEAD	4	30	33	64	66
49217	68107	LEAD	5	80	257	101	232
49218	68107	LEAD	5	25	39	61	71
49219	68107	LEAD	5	68	121	92	131
49220	68107	LEAD	5	56	88	84	107
49221	68107	LEAD	4	49	71	78	95
49222	68107	LEAD	5	82	223	103	207
49223	68107	LEAD	5	53	80	81	101
49224	68107	LEAD	5	54	87	82	106
49225	68107	LEAD	5	77	118	99	130
49226	68107	LEAD	5	92	271	110	242
49227	68107	LEAD	5	164	418	163	352
49228	68107	LEAD	4	36	40	69	72
49229	68107	LEAD	4	65	101	90	117
49230	68107	LEAD	4	43	63	74	89
49231	68107	LEAD	5	79	178	101	174
49232	68107	LEAD	5	46	135	76	142
49233	68107	LEAD	5	72	135	95	142
49234	68107	LEAD	6	73	162	96	162

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49235	68107	LEAD	5	49	66	78	90
49236	68107	LEAD	5	40	82	71	103
49239	68107	LEAD	4	279	490	248	404
49240	68107	LEAD	3	241	303	220	266
49245	68107	LEAD	4	200	473	190	392
49249	68107	LEAD	4	253	410	229	345
49250	68107	LEAD	4	222	296	206	261
49251	68107	LEAD	4	323	526	281	432
49252	68107	LEAD	5	133	175	141	171
49368	68107	LEAD	4	191	261	184	235
49369	68107	LEAD	4	207	266	195	239
49371	68107	LEAD	4	90	116	108	128
49372	68107	LEAD	4	44	90	75	108
49375	68107	LEAD	4	36	57	69	85
49377	68107	LEAD	3	32	35	65	68
49378	68107	LEAD	3	58	70	85	94
49379	68107	LEAD	4	49	63	79	89
49380	68107	LEAD	4	35	45	68	76
49382	68107	LEAD	3	36	53	69	81
49383	68107	LEAD	5	74	90	97	109
49385	68107	LEAD	3	61	99	87	116
49386	68107	LEAD	4	235	442	216	369
49387	68107	LEAD	4	49	76	78	98
49388	68107	LEAD	4	53	90	81	109
49389	68107	LEAD	4	82	195	103	186
49390	68107	LEAD	4	53	67	81	91
49391	68107	LEAD	5	49	88	78	107
49392	68107	LEAD	4	64	96	89	113
49393	68107	LEAD	4	64	98	89	115
49394	68107	LEAD	4	107	170	121	168
49395	68107	LEAD	3	88	123	107	133
49396	68107	LEAD	3	149	282	152	251
49397	68107	LEAD	3	86	143	105	147
49398	68107	LEAD	4	95	118	112	129
49400	68107	LEAD	4	95	164	112	164
49401	68107	LEAD	4	87	136	106	143
49402	68107	LEAD	3	56	64	84	89
49403	68107	LEAD	3	52	55	81	83
49404	68107	LEAD	5	114	183	126	177
49405	68107	LEAD	4	101	203	117	192
49406	68107	LEAD	4	63	77	88	99
49408	68107	LEAD	2	72	95	95	113
49410	68107	LEAD	4	110	132	123	139
49411	68107	LEAD	4	73	90	96	108
49412	68107	LEAD	3	59	75	85	98

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49413	68107	LEAD	4	306	498	268	410
49414	68107	LEAD	2	99	149	115	152
49416	68107	LEAD	4	247	628	224	507
49417	68107	LEAD	4	95	122	113	132
49418	68107	LEAD	3	74	108	97	122
49419	68107	LEAD	2	54	54	82	82
49420	68107	LEAD	4	123	215	133	201
49421	68107	LEAD	3	88	100	107	116
49425	68107	LEAD	3	51	69	80	93
49428	68107	LEAD	2	151	186	153	179
49429	68107	LEAD	4	202	393	192	332
49430	68107	LEAD	3	142	236	147	217
49432	68107	LEAD	2	28	41	63	72
49433	68107	LEAD	4	37	59	69	85
49434	68107	LEAD	3	35	43	68	74
49435	68107	LEAD	4	31	51	65	80
49436	68107	LEAD	5	81	111	102	124
49437	68107	LEAD	2	59	70	86	94
49438	68107	LEAD	3	67	84	91	104
49439	68107	LEAD	3	45	54	75	82
49441	68107	LEAD	4	45	60	75	86
49442	68107	LEAD	2	156	249	158	226
49443	68107	LEAD	3	41	65	72	90
49444	68107	LEAD	3	46	71	76	94
49445	68107	LEAD	3	48	86	78	106
49446	68107	LEAD	6	78	204	100	193
49447	68107	LEAD	4	76	116	98	128
49448	68107	LEAD	4	71	103	95	118
49449	68107	LEAD	2	52	74	80	97
49450	68107	LEAD	2	34	39	67	71
49452	68107	LEAD	4	89	160	108	160
49453	68107	LEAD	3	43	53	74	82
49455	68107	LEAD	4	172	251	169	228
49456	68107	LEAD	4	301	526	265	431
49457	68107	LEAD	4	133	197	140	188
49460	68107	LEAD	5	99	144	115	149
49461	68107	LEAD	5	69	98	93	114
49462	68107	LEAD	4	77	129	99	137
49463	68107	LEAD	2	156	237	158	217
49465	68107	LEAD	4	68	80	92	101
49466	68107	LEAD	3	145	172	149	169
49467	68107	LEAD	4	154	171	156	169
49468	68107	LEAD	4	343	1011	296	790
49469	68107	LEAD	4	91	166	110	165
49470	68107	LEAD	4	137	209	143	196

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49471	68107	LEAD	4	129	172	137	169
49473	68107	LEAD	4	87	149	107	152
49474	68107	LEAD	5	189	332	182	287
49475	68107	LEAD	4	36	51	69	80
49476	68107	LEAD	3	55	117	82	128
49482	68107	LEAD	4	174	325	171	282
50008	68107	LEAD	4	66	74	91	96
50135	68107	LEAD	4	118	181	129	176
50136	68107	LEAD	4	121	172	132	170
50137	68107	LEAD	4	77	109	99	123
50138	68107	LEAD	4	95	120	113	131
50139	68107	LEAD	4	78	114	100	126
50140	68107	LEAD	4	110	161	123	161
50141	68107	LEAD	4	74	93	97	111
50142	68107	LEAD	4	100	154	116	156
50143	68107	LEAD	4	164	377	163	321
50144	68107	LEAD	4	97	158	114	159
50153	68107	LEAD	4	82	124	103	133
50154	68107	LEAD	4	110	159	123	160
50155	68107	LEAD	4	45	61	75	87
50156	68107	LEAD	4	46	53	76	81
50157	68107	LEAD	4	149	222	152	206
50158	68107	LEAD	4	72	91	96	110
50159	68107	LEAD	4	54	79	82	101
50160	68107	LEAD	4	89	116	108	128
50161	68107	LEAD	4	80	118	101	129
50162	68107	LEAD	4	68	108	92	122
50163	68107	LEAD	4	161	502	161	413
50164	68107	LEAD	4	81	109	102	122
50165	68107	LEAD	4	92	114	110	127
50166	68107	LEAD	4	94	117	111	129
50167	68107	LEAD	4	99	133	115	141
50168	68107	LEAD	4	101	140	117	146
50169	68107	LEAD	4	70	86	94	106
50170	68107	LEAD	4	75	104	98	119
50171	68107	LEAD	4	85	155	105	157
50172	68107	LEAD	4	110	213	124	200
50173	68107	LEAD	4	85	103	105	118
50174	68107	LEAD	4	93	117	111	128
50175	68107	LEAD	4	92	135	110	142
50176	68107	LEAD	4	122	142	132	147
50177	68107	LEAD	4	68	98	93	114
50178	68107	LEAD	4	95	229	112	212
50179	68107	LEAD	4	66	115	91	127
50180	68107	LEAD	4	109	166	123	165

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50181	68107	LEAD	4	49	90	78	108
50182	68107	LEAD	4	62	79	88	101
50183	68107	LEAD	4	82	128	103	136
50184	68107	LEAD	4	80	157	102	158
50185	68107	LEAD	4	56	80	84	101
50186	68107	LEAD	4	35	48	68	77
50187	68107	LEAD	4	66	90	91	108
50188	68107	LEAD	4	68	106	93	120
50189	68107	LEAD	4	75	106	97	121
50190	68107	LEAD	4	51	75	80	98
50191	68107	LEAD	4	54	57	82	84
50192	68107	LEAD	4	57	66	84	91
50193	68107	LEAD	4	70	116	93	128
50194	68107	LEAD	4	96	144	113	149
50195	68107	LEAD	4	87	121	107	132
50196	68107	LEAD	4	39	55	71	83
50197	68107	LEAD	4	65	92	90	110
50198	68107	LEAD	4	56	74	83	97
50199	68107	LEAD	4	89	123	108	133
50200	68107	LEAD	4	64	105	89	120
50201	68107	LEAD	4	87	109	106	122
50202	68107	LEAD	4	59	105	85	120
50203	68107	LEAD	4	83	98	104	115
50204	68107	LEAD	4	80	102	101	118
50205	68107	LEAD	4	63	104	88	119
50206	68107	LEAD	4	65	89	90	108
50207	68107	LEAD	4	109	237	122	217
50208	68107	LEAD	4	55	80	83	101
50209	68107	LEAD	4	68	110	92	124
50210	68107	LEAD	4	114	229	126	211
50211	68107	LEAD	4	81	116	102	128
50212	68107	LEAD	4	85	109	105	123
50213	68107	LEAD	4	63	96	89	113
50214	68107	LEAD	4	61	82	87	102
50215	68107	LEAD	4	109	247	123	225
50216	68107	LEAD	4	108	213	122	199
50217	68107	LEAD	4	68	93	92	111
50218	68107	LEAD	4	68	102	93	118
50219	68107	LEAD	4	55	58	83	85
50220	68107	LEAD	4	55	60	83	87
50221	68107	LEAD	4	56	70	83	94
50222	68107	LEAD	4	71	89	94	108
50223	68107	LEAD	4	60	87	86	106
50224	68107	LEAD	4	65	75	90	98
50225	68107	LEAD	4	67	80	92	101

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50226	68107	LEAD	4	81	115	102	127
50227	68107	LEAD	4	47	53	77	81
50228	68107	LEAD	4	81	108	102	122
50229	68107	LEAD	4	74	87	97	107
50230	68107	LEAD	4	66	85	91	105
50231	68107	LEAD	4	73	104	96	119
50232	68107	LEAD	4	56	77	84	99
50233	68107	LEAD	4	79	98	101	114
50234	68107	LEAD	4	59	75	86	97
50235	68107	LEAD	4	69	81	93	102
50236	68107	LEAD	4	68	97	93	114
50237	68107	LEAD	4	71	140	95	146
50238	68107	LEAD	4	77	92	99	110
50239	68107	LEAD	4	81	127	102	136
50240	68107	LEAD	4	76	126	98	136
50241	68107	LEAD	4	87	169	106	167
50242	68107	LEAD	4	62	78	88	100
50243	68107	LEAD	4	96	111	113	124
50244	68107	LEAD	4	67	84	92	104
50245	68107	LEAD	4	69	90	93	108
50246	68107	LEAD	4	83	93	104	111
50247	68107	LEAD	4	69	96	93	113
50248	68107	LEAD	4	58	69	85	93
50249	68107	LEAD	4	106	146	120	150
50250	68107	LEAD	4	67	77	91	99
50251	68107	LEAD	4	92	124	110	134
50262	68107	LEAD	4	70	77	94	99
50263	68107	LEAD	4	70	90	94	109
50264	68107	LEAD	4	66	83	91	104
50265	68107	LEAD	4	71	87	94	107
50266	68107	LEAD	4	58	67	85	91
50267	68107	LEAD	4	86	96	106	113
50268	68107	LEAD	4	52	61	81	87
50269	68107	LEAD	4	61	96	87	113
50270	68107	LEAD	4	68	81	92	102
50271	68107	LEAD	4	56	73	84	96
50272	68107	LEAD	3	51	75	80	98
50273	68107	LEAD	4	71	80	95	101
50274	68107	LEAD	4	65	94	90	111
50275	68107	LEAD	4	67	76	91	98
50276	68107	LEAD	4	79	102	101	117
50277	68107	LEAD	4	50	61	79	87
50278	68107	LEAD	4	54	73	82	96
50279	68107	LEAD	4	89	133	108	141
50280	68107	LEAD	4	67	86	91	106

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50281	68107	LEAD	4	61	73	87	96
50282	68107	LEAD	4	66	82	91	103
50283	68107	LEAD	4	62	79	88	101
50284	68107	LEAD	4	74	83	97	104
50285	68107	LEAD	4	97	157	113	158
50286	68107	LEAD	4	60	78	86	100
50287	68107	LEAD	4	71	79	95	100
50288	68107	LEAD	4	69	87	93	106
50289	68107	LEAD	4	77	96	99	113
50290	68107	LEAD	4	132	330	140	286
50291	68107	LEAD	4	96	126	113	135
50292	68107	LEAD	4	54	68	82	92
50293	68107	LEAD	4	102	189	117	182
50294	68107	LEAD	4	89	134	108	141
50295	68107	LEAD	4	71	94	94	111
50296	68107	LEAD	4	85	92	105	110
50297	68107	LEAD	4	76	102	98	117
50298	68107	LEAD	4	75	84	97	104
50299	68107	LEAD	4	89	109	108	122
50300	68107	LEAD	4	77	131	99	139
50301	68107	LEAD	3	91	114	109	127
50302	68107	LEAD	4	107	134	121	141
50303	68107	LEAD	4	76	101	98	116
50304	68107	LEAD	4	79	97	101	114
50305	68107	LEAD	4	106	148	120	151
50306	68107	LEAD	4	60	85	86	105
50307	68107	LEAD	4	61	85	87	105
50308	68107	LEAD	4	81	83	102	103
50309	68107	LEAD	4	85	103	105	118
50310	68107	LEAD	4	91	116	110	128
50311	68107	LEAD	4	79	100	100	116
50312	68107	LEAD	4	82	124	103	134
50313	68107	LEAD	4	54	69	82	93
50314	68107	LEAD	4	77	102	99	117
50315	68107	LEAD	4	73	84	96	104
50316	68107	LEAD	4	57	75	84	98
50317	68107	LEAD	4	65	76	90	98
50318	68107	LEAD	4	85	122	105	132
50319	68107	LEAD	4	67	70	91	94
50320	68107	LEAD	4	61	75	87	97
50321	68107	LEAD	4	82	97	102	114
50322	68107	LEAD	4	46	55	76	83
50323	68107	LEAD	4	60	71	86	94
50324	68107	LEAD	4	61	77	87	99
50325	68107	LEAD	4	63	91	89	109

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50326	68107	LEAD	4	81	115	102	127
50327	68107	LEAD	4	66	68	91	93
50328	68107	LEAD	4	60	76	86	98
50329	68107	LEAD	4	82	105	103	119
50330	68107	LEAD	4	61	73	87	96
50331	68107	LEAD	4	68	82	93	103
50332	68107	LEAD	4	65	71	90	95
50333	68107	LEAD	4	53	74	81	97
50334	68107	LEAD	4	57	75	84	98
50335	68107	LEAD	4	64	75	89	98
50336	68107	LEAD	4	69	87	93	107
50337	68107	LEAD	4	96	134	113	141
50338	68107	LEAD	4	71	84	95	104
50339	68107	LEAD	4	108	137	122	143
50340	68107	LEAD	4	77	88	99	107
50341	68107	LEAD	4	117	143	129	148
50342	68107	LEAD	4	138	160	144	161
50343	68107	LEAD	4	114	134	127	141
50344	68107	LEAD	4	107	142	121	147
50345	68107	LEAD	4	100	140	116	146
50346	68107	LEAD	4	132	172	139	169
50347	68107	LEAD	4	87	107	107	121
50348	68107	LEAD	4	111	145	124	149
50349	68107	LEAD	4	93	96	111	113
50350	68107	LEAD	4	155	226	157	210
50351	68107	LEAD	4	88	109	107	123
50352	68107	LEAD	4	125	249	135	226
50353	68107	LEAD	4	91	134	109	141
50354	68107	LEAD	4	66	72	91	96
50357	68107	LEAD	4	111	117	124	129
50358	68107	LEAD	4	56	71	83	94
50359	68107	LEAD	4	76	86	98	106
50360	68107	LEAD	4	76	86	98	106
50361	68107	LEAD	4	95	118	113	129
50362	68107	LEAD	4	93	125	111	134
50365	68107	LEAD	4	51	54	80	82
50373	68107	LEAD	4	84	109	104	123
50374	68107	LEAD	4	65	89	90	108
50385	68107	LEAD	4	57	66	84	91
50386	68107	LEAD	4	68	79	92	101
50387	68107	LEAD	4	64	84	89	104
50388	68107	LEAD	4	72	87	95	106
50389	68107	LEAD	4	76	106	98	120
50420	68107	LEAD	4	84	125	104	134
50535	68107	LEAD	1	375	375	320	320

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50537	68107	LEAD	4	373	459	318	381
50548	68107	LEAD	4	224	297	208	262
50552	68107	LEAD	4	201	330	191	287
50587	68107	LEAD	5	41	79	72	100
50588	68107	LEAD	4	36	42	69	73
50630	68107	LEAD	3	376	679	320	544
50631	68107	LEAD	4	342	433	295	362
52248	68107	LEAD	4	47	55	76	83
52415	68107	LEAD	4	80	95	101	112
52418	68107	LEAD	4	316	431	276	361
57178	68107	LEAD	4	372	566	317	461
62354	68107	LEAD	5	49	59	78	86
64027	68107	LEAD	4	80	136	101	143
64253	68107	LEAD	5	81	111	102	124
70328	68107	LEAD	4	141	236	146	217
73069	68107	LEAD	3	72	117	95	129
75136	68107	LEAD	3	280	357	249	306
75137	68107	LEAD	4	285	485	253	401
76891	68107	LEAD	4	216	358	202	307
78415	68107	LEAD	2	99	130	115	138
82242	68107	LEAD	4	296	454	261	378
82245	68107	LEAD	4	151	199	154	189
87461	68107	LEAD	4	90	123	109	133
87462	68107	LEAD	4	128	323	137	281
87944	68107	LEAD	4	68	113	92	126
88137	68107	LEAD	4	107	163	121	163
88138	68107	LEAD	4	67	88	92	107
89358	68107	LEAD	4	68	87	93	106
89377	68107	LEAD	4	56	92	83	110
89384	68107	LEAD	4	190	358	183	307
89408	68107	LEAD	4	84	150	105	153
89692	68107	LEAD	4	88	106	107	121
90259	68107	LEAD	4	65	98	90	114
90316	68107	LEAD	4	61	84	87	104
90332	68107	LEAD	4	158	340	159	294
90517	68107	LEAD	4	170	210	168	197
90518	68107	LEAD	4	286	357	253	306
90897	68107	LEAD	2	443	717	370	572
91079	68107	LEAD	4	99	154	115	156
91080	68107	LEAD	4	94	157	112	158
93231	68107	LEAD	4	70	91	94	109
93312	68107	LEAD	3	348	446	300	372
93331	68107	LEAD	4	151	271	154	243
93495	68107	LEAD	3	512	814	421	645
93519	68107	LEAD	2	370	501	316	412

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
6	68108	LEAD	4	460	842	382	665
9	68108	LEAD	4	461	824	383	652
11	68108	LEAD	4	511	799	420	633
13	68108	LEAD	4	647	944	521	740
14	68108	LEAD	2	610	758	493	603
17	68108	LEAD	3	602	738	487	588
19	68108	LEAD	3	149	195	152	186
46	68108	LEAD	3	174	243	170	222
48	68108	LEAD	3	364	393	311	332
54	68108	LEAD	4	629	889	507	700
55	68108	LEAD	4	278	380	247	323
65	68108	LEAD	4	106	225	121	208
66	68108	LEAD	2	297	363	262	311
68	68108	LEAD	4	213	424	199	356
86	68108	LEAD	4	461	634	383	511
89	68108	LEAD	4	741	898	590	706
91	68108	LEAD	3	73	103	96	118
96	68108	LEAD	3	475	610	393	494
100	68108	LEAD	4	59	72	86	95
101	68108	LEAD	4	57	73	84	96
102	68108	LEAD	4	284	415	252	349
103	68108	LEAD	4	79	113	101	125
104	68108	LEAD	4	81	97	102	114
105	68108	LEAD	3	90	106	108	120
108	68108	LEAD	4	73	100	96	116
109	68108	LEAD	4	236	462	216	384
110	68108	LEAD	4	292	429	258	359
111	68108	LEAD	3	476	508	394	418
112	68108	LEAD	5	303	474	266	393
119	68108	LEAD	5	854	1869	674	1425
122	68108	LEAD	4	289	337	256	291
124	68108	LEAD	4	293	595	259	482
126	68108	LEAD	3	323	458	281	381
129	68108	LEAD	3	281	333	250	288
130	68108	LEAD	2	197	249	188	227
131	68108	LEAD	4	455	509	379	419
132	68108	LEAD	4	413	554	348	452
133	68108	LEAD	3	374	411	319	346
134	68108	LEAD	4	680	884	546	696
135	68108	LEAD	3	476	587	394	476
136	68108	LEAD	3	665	816	534	645
138	68108	LEAD	3	443	538	369	440
139	68108	LEAD	4	617	871	499	687
140	68108	LEAD	4	386	449	328	374
143	68108	LEAD	3	384	562	326	458

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
145	68108	LEAD	3	386	440	327	367
148	68108	LEAD	4	493	652	407	525
150	68108	LEAD	4	473	980	392	767
151	68108	LEAD	4	453	748	377	595
156	68108	LEAD	3	244	306	222	268
158	68108	LEAD	2	599	600	486	486
162	68108	LEAD	2	478	750	395	597
166	68108	LEAD	3	491	803	405	636
167	68108	LEAD	2	268	308	240	270
172	68108	LEAD	4	626	719	505	574
175	68108	LEAD	3	279	307	249	269
176	68108	LEAD	3	422	592	355	480
177	68108	LEAD	4	230	282	212	251
179	68108	LEAD	2	555	701	453	561
183	68108	LEAD	4	394	487	333	403
185	68108	LEAD	4	530	875	434	689
187	68108	LEAD	4	312	535	273	438
190	68108	LEAD	4	746	860	594	679
205	68108	LEAD	4	377	811	321	642
207	68108	LEAD	4	291	450	257	375
216	68108	LEAD	3	591	644	480	519
229	68108	LEAD	3	588	850	477	671
257	68108	LEAD	4	279	313	248	274
258	68108	LEAD	2	423	500	355	412
260	68108	LEAD	5	234	415	215	349
262	68108	LEAD	3	183	231	177	213
263	68108	LEAD	3	308	570	270	464
264	68108	LEAD	3	225	307	208	269
265	68108	LEAD	4	345	394	298	333
267	68108	LEAD	4	451	968	376	759
269	68108	LEAD	5	200	352	190	302
271	68108	LEAD	5	320	477	279	395
273	68108	LEAD	3	499	880	412	693
274	68108	LEAD	5	323	435	281	364
275	68108	LEAD	2	156	201	157	190
278	68108	LEAD	4	714	878	570	692
279	68108	LEAD	4	342	468	295	388
280	68108	LEAD	4	315	454	275	378
281	68108	LEAD	3	360	623	308	503
284	68108	LEAD	4	275	396	246	335
286	68108	LEAD	4	316	389	276	330
287	68108	LEAD	4	1197	1785	928	1363
288	68108	LEAD	3	248	341	226	294
298	68108	LEAD	3	389	459	330	381
327	68108	LEAD	4	546	686	446	549

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
328	68108	LEAD	4	187	249	180	227
330	68108	LEAD	3	60	98	86	114
331	68108	LEAD	4	493	852	407	672
338	68108	LEAD	5	172	256	169	231
343	68108	LEAD	4	452	829	376	655
344	68108	LEAD	3	89	100	108	116
347	68108	LEAD	4	487	869	402	685
351	68108	LEAD	4	286	385	254	327
355	68108	LEAD	4	287	441	254	368
356	68108	LEAD	4	435	695	364	556
359	68108	LEAD	4	128	151	137	154
362	68108	LEAD	4	236	314	217	274
366	68108	LEAD	4	357	494	306	408
372	68108	LEAD	3	254	332	230	288
375	68108	LEAD	2	112	114	125	126
377	68108	LEAD	5	381	776	324	616
380	68108	LEAD	4	203	340	192	294
381	68108	LEAD	4	259	363	234	310
384	68108	LEAD	2	328	396	284	335
394	68108	LEAD	5	264	461	237	383
455	68108	LEAD	4	536	696	438	557
490	68108	LEAD	4	458	631	381	509
493	68108	LEAD	3	190	278	182	248
501	68108	LEAD	5	384	477	326	395
505	68108	LEAD	4	143	208	148	196
511	68108	LEAD	5	144	258	149	233
513	68108	LEAD	4	399	794	337	629
521	68108	LEAD	4	187	245	180	223
523	68108	LEAD	4	315	515	275	423
524	68108	LEAD	5	281	378	250	322
525	68108	LEAD	5	124	191	134	183
526	68108	LEAD	3	276	353	246	303
531	68108	LEAD	3	399	860	337	679
536	68108	LEAD	4	70	111	94	124
545	68108	LEAD	4	321	591	280	479
549	68108	LEAD	4	262	399	236	337
550	68108	LEAD	4	83	129	104	138
556	68108	LEAD	4	336	379	291	322
557	68108	LEAD	4	68	149	92	152
596	68108	LEAD	3	561	618	457	499
601	68108	LEAD	6	441	663	369	532
634	68108	LEAD	4	75	93	97	111
636	68108	LEAD	3	90	111	109	124
649	68108	LEAD	4	166	249	165	226
656	68108	LEAD	3	55	65	83	90

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
657	68108	LEAD	4	92	229	110	211
700	68108	LEAD	5	441	919	368	722
701	68108	LEAD	4	503	796	415	631
711	68108	LEAD	5	285	458	253	381
723	68108	LEAD	4	238	369	218	315
734	68108	LEAD	4	271	354	243	304
752	68108	LEAD	4	126	221	135	205
759	68108	LEAD	4	427	508	358	418
800	68108	LEAD	3	378	472	322	392
806	68108	LEAD	5	402	636	339	513
812	68108	LEAD	4	247	336	225	291
815	68108	LEAD	3	197	301	188	265
819	68108	LEAD	4	278	521	248	428
870	68108	LEAD	3	120	175	131	172
897	68108	LEAD	4	386	557	328	454
933	68108	LEAD	2	438	493	366	407
989	68108	LEAD	5	785	1858	623	1417
995	68108	LEAD	5	332	679	287	545
1004	68108	LEAD	5	23	29	59	63
1171	68108	LEAD	5	721	1075	576	838
1250	68108	LEAD	2	411	467	346	388
1387	68108	LEAD	3	405	573	342	466
1391	68108	LEAD	6	377	488	321	403
1395	68108	LEAD	4	468	855	388	675
1398	68108	LEAD	5	457	665	380	534
1508	68108	LEAD	3	393	534	333	437
1513	68108	LEAD	5	322	567	280	462
1514	68108	LEAD	4	338	517	292	425
1522	68108	LEAD	3	675	798	541	633
1523	68108	LEAD	4	641	771	517	612
1525	68108	LEAD	3	357	545	306	446
1526	68108	LEAD	4	335	565	290	460
1527	68108	LEAD	3	339	566	293	461
1529	68108	LEAD	4	640	946	516	742
1556	68108	LEAD	4	415	596	349	483
1557	68108	LEAD	5	422	726	354	579
1558	68108	LEAD	3	141	181	147	176
1559	68108	LEAD	3	510	548	419	447
1561	68108	LEAD	3	180	280	175	249
1567	68108	LEAD	2	171	190	168	183
1568	68108	LEAD	4	651	802	524	636
1569	68108	LEAD	4	468	803	388	636
1579	68108	LEAD	5	176	467	172	388
1581	68108	LEAD	3	323	520	281	427
1582	68108	LEAD	4	462	831	384	657

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1585	68108	LEAD	4	222	312	207	273
1586	68108	LEAD	4	447	802	373	635
1588	68108	LEAD	2	279	368	248	315
1589	68108	LEAD	5	489	851	404	672
1591	68108	LEAD	3	748	1000	596	782
1601	68108	LEAD	4	516	904	424	711
1613	68108	LEAD	2	297	321	262	280
1620	68108	LEAD	2	863	1568	681	1203
2042	68108	LEAD	3	476	591	394	479
2044	68108	LEAD	4	496	901	409	709
2048	68108	LEAD	4	624	881	504	694
2049	68108	LEAD	2	262	414	236	348
2170	68108	LEAD	4	221	343	206	296
2210	68108	LEAD	1	157	157	158	158
2228	68108	LEAD	2	389	395	330	334
2257	68108	LEAD	5	154	238	156	218
2295	68108	LEAD	4	153	214	155	200
2388	68108	LEAD	2	184	229	178	211
2471	68108	LEAD	1	836	836	661	661
2518	68108	LEAD	4	448	845	374	668
2519	68108	LEAD	3	585	623	475	503
2521	68108	LEAD	5	136	267	142	239
2522	68108	LEAD	4	270	333	242	288
2527	68108	LEAD	5	401	688	339	551
2530	68108	LEAD	4	202	290	192	256
2531	68108	LEAD	4	264	356	237	306
2532	68108	LEAD	4	253	353	229	304
3005	68108	LEAD	3	201	368	191	314
3100	68108	LEAD	5	207	239	195	219
5024	68108	LEAD	5	165	228	164	211
5048	68108	LEAD	6	278	401	247	338
5062	68108	LEAD	5	296	470	261	390
5075	68108	LEAD	4	279	687	248	551
5078	68108	LEAD	4	205	287	194	254
5080	68108	LEAD	4	293	397	259	336
5081	68108	LEAD	4	314	526	275	432
5084	68108	LEAD	4	158	233	159	215
5087	68108	LEAD	2	446	691	372	553
5088	68108	LEAD	4	344	506	296	417
5093	68108	LEAD	2	261	298	235	263
5225	68108	LEAD	4	685	1266	549	979
5226	68108	LEAD	4	274	361	244	309
5227	68108	LEAD	4	195	242	186	221
5229	68108	LEAD	4	128	344	137	296
5284	68108	LEAD	4	638	778	514	618

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5300	68108	LEAD	4	101	188	117	181
5301	68108	LEAD	4	101	165	117	164
5302	68108	LEAD	2	278	416	248	350
5303	68108	LEAD	4	521	952	428	747
5304	68108	LEAD	4	203	449	192	374
5305	68108	LEAD	4	252	496	229	409
5306	68108	LEAD	4	493	733	407	585
5307	68108	LEAD	4	303	464	266	386
5321	68108	LEAD	4	693	1006	555	787
5323	68108	LEAD	3	320	414	279	348
5324	68108	LEAD	5	417	474	351	393
5332	68108	LEAD	4	715	761	571	605
5385	68108	LEAD	3	412	516	347	424
5386	68108	LEAD	4	405	440	342	367
5387	68108	LEAD	4	281	318	250	277
5390	68108	LEAD	5	297	357	262	306
5391	68108	LEAD	4	252	425	229	357
5392	68108	LEAD	4	311	487	272	402
5393	68108	LEAD	5	298	444	262	371
5394	68108	LEAD	4	639	791	515	627
5395	68108	LEAD	3	487	700	402	560
5396	68108	LEAD	3	280	424	249	356
5397	68108	LEAD	3	204	221	193	205
5398	68108	LEAD	4	272	480	243	398
5399	68108	LEAD	5	276	423	246	355
5400	68108	LEAD	4	457	730	380	582
5401	68108	LEAD	4	613	859	496	678
5402	68108	LEAD	3	239	251	218	228
5403	68108	LEAD	4	268	346	240	298
5404	68108	LEAD	4	459	595	382	482
5405	68108	LEAD	4	257	378	232	322
5407	68108	LEAD	3	637	1165	514	904
5408	68108	LEAD	2	588	779	477	618
5409	68108	LEAD	5	239	419	219	352
5410	68108	LEAD	3	593	766	481	609
5411	68108	LEAD	4	283	370	252	316
5412	68108	LEAD	4	400	461	338	383
5413	68108	LEAD	4	514	783	423	621
5415	68108	LEAD	4	286	322	254	280
5416	68108	LEAD	4	312	387	273	328
5417	68108	LEAD	4	245	337	223	291
5418	68108	LEAD	5	184	414	178	348
5422	68108	LEAD	4	530	700	434	560
5423	68108	LEAD	4	381	703	324	562
5425	68108	LEAD	3	610	700	493	560

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5426	68108	LEAD	4	65	67	90	91
5427	68108	LEAD	5	435	544	364	445
5428	68108	LEAD	5	218	343	204	296
5429	68108	LEAD	4	114	134	127	141
5430	68108	LEAD	4	322	373	280	318
5431	68108	LEAD	4	358	421	307	354
5432	68108	LEAD	4	610	732	493	583
5433	68108	LEAD	2	592	600	480	486
5434	68108	LEAD	4	416	516	350	424
5435	68108	LEAD	5	183	236	177	217
5436	68108	LEAD	5	455	529	379	434
5437	68108	LEAD	2	416	450	350	375
5438	68108	LEAD	5	428	572	359	466
5439	68108	LEAD	5	309	408	271	344
5440	68108	LEAD	2	552	671	451	538
5443	68108	LEAD	4	238	303	218	266
5444	68108	LEAD	2	432	486	362	401
5445	68108	LEAD	4	375	560	319	457
5446	68108	LEAD	3	294	471	260	390
5447	68108	LEAD	3	567	910	462	715
5449	68108	LEAD	4	443	633	370	511
5450	68108	LEAD	3	464	561	385	457
5451	68108	LEAD	4	324	390	282	331
5452	68108	LEAD	5	475	766	394	609
5454	68108	LEAD	2	618	960	500	752
5455	68108	LEAD	5	364	467	311	388
5457	68108	LEAD	4	129	149	137	152
5458	68108	LEAD	3	259	372	234	317
5459	68108	LEAD	4	235	432	216	362
5460	68108	LEAD	5	103	140	118	145
5461	68108	LEAD	5	306	463	269	384
5462	68108	LEAD	4	235	694	216	556
5463	68108	LEAD	3	141	219	146	204
5466	68108	LEAD	4	355	545	305	445
5467	68108	LEAD	5	201	293	191	259
5468	68108	LEAD	4	428	657	359	528
5469	68108	LEAD	3	308	422	270	354
5470	68108	LEAD	2	456	551	379	449
5471	68108	LEAD	3	506	770	417	612
5472	68108	LEAD	4	158	297	159	262
5473	68108	LEAD	4	272	733	243	584
5474	68108	LEAD	4	479	631	396	509
5476	68108	LEAD	4	105	134	120	141
5477	68108	LEAD	4	91	98	109	115
5480	68108	LEAD	4	364	755	311	601

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5481	68108	LEAD	3	405	717	342	573
5482	68108	LEAD	3	414	429	348	359
5483	68108	LEAD	4	245	437	223	366
5484	68108	LEAD	4	342	469	295	389
5485	68108	LEAD	3	613	787	496	624
5491	68108	LEAD	5	378	628	321	507
5492	68108	LEAD	3	450	618	375	499
5500	68108	LEAD	4	518	768	425	610
5502	68108	LEAD	4	575	825	467	653
5504	68108	LEAD	4	595	1153	483	895
5505	68108	LEAD	4	377	451	321	376
5510	68108	LEAD	5	245	528	224	433
5511	68108	LEAD	4	37	40	69	71
5512	68108	LEAD	4	138	163	144	163
5571	68108	LEAD	4	615	831	497	657
5572	68108	LEAD	4	229	293	211	259
5573	68108	LEAD	3	326	394	284	334
5574	68108	LEAD	3	348	417	300	351
5583	68108	LEAD	4	451	797	376	632
5587	68108	LEAD	4	490	832	405	658
5588	68108	LEAD	3	630	867	508	684
5589	68108	LEAD	4	269	552	241	450
5591	68108	LEAD	4	469	586	389	476
5603	68108	LEAD	4	411	548	346	448
5605	68108	LEAD	2	62	77	88	99
5606	68108	LEAD	5	310	553	271	451
5607	68108	LEAD	4	252	491	229	405
5608	68108	LEAD	2	315	414	275	348
5609	68108	LEAD	4	494	611	408	494
5623	68108	LEAD	4	249	297	227	262
5628	68108	LEAD	5	211	318	198	278
5630	68108	LEAD	3	448	547	373	447
5633	68108	LEAD	3	422	616	354	498
5634	68108	LEAD	1	759	759	604	604
5636	68108	LEAD	4	571	779	465	618
5637	68108	LEAD	4	288	390	255	331
5638	68108	LEAD	4	331	374	287	319
5652	68108	LEAD	3	542	626	443	505
5653	68108	LEAD	4	280	411	249	346
5656	68108	LEAD	2	163	176	163	172
5657	68108	LEAD	4	502	581	413	472
5658	68108	LEAD	4	109	146	122	150
5659	68108	LEAD	4	253	320	230	279
5660	68108	LEAD	3	537	716	439	572
5663	68108	LEAD	4	322	567	280	461

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5664	68108	LEAD	4	671	947	539	743
5672	68108	LEAD	4	454	726	378	580
5673	68108	LEAD	1	404	404	341	341
5674	68108	LEAD	2	443	455	369	379
5682	68108	LEAD	4	992	1292	776	998
5683	68108	LEAD	4	269	482	241	399
5693	68108	LEAD	4	395	527	334	432
5694	68108	LEAD	2	480	621	397	502
5695	68108	LEAD	5	344	411	297	346
12734	68108	LEAD	5	264	325	237	283
12745	68108	LEAD	3	513	690	421	553
12758	68108	LEAD	5	406	659	342	530
12773	68108	LEAD	5	254	408	230	344
12782	68108	LEAD	4	228	289	211	256
12795	68108	LEAD	4	228	329	211	285
12806	68108	LEAD	4	594	713	482	570
12808	68108	LEAD	5	398	619	336	500
12816	68108	LEAD	2	460	555	382	453
12822	68108	LEAD	6	349	418	301	351
12824	68108	LEAD	4	87	96	107	113
12828	68108	LEAD	5	511	1150	420	893
12832	68108	LEAD	4	218	310	203	271
12842	68108	LEAD	5	246	588	224	477
12859	68108	LEAD	4	266	356	239	305
12880	68108	LEAD	3	267	397	240	336
12882	68108	LEAD	4	116	141	128	147
12887	68108	LEAD	3	275	426	245	357
12889	68108	LEAD	4	24	40	60	72
12892	68108	LEAD	3	449	771	375	612
12895	68108	LEAD	4	350	502	301	413
12896	68108	LEAD	4	598	1050	484	819
12899	68108	LEAD	4	511	1095	420	853
12904	68108	LEAD	4	146	274	150	245
12917	68108	LEAD	4	597	780	484	620
12918	68108	LEAD	5	201	286	191	254
12919	68108	LEAD	4	193	329	185	285
12922	68108	LEAD	4	350	657	301	529
12924	68108	LEAD	4	171	391	169	332
12925	68108	LEAD	4	251	299	228	263
12926	68108	LEAD	5	216	417	202	351
12931	68108	LEAD	4	1183	2362	918	1790
12933	68108	LEAD	4	343	509	295	418
12937	68108	LEAD	4	225	253	208	229
12938	68108	LEAD	4	207	322	195	280
12939	68108	LEAD	4	323	465	281	386

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
12940	68108	LEAD	5	176	262	173	236
12942	68108	LEAD	4	293	429	259	360
12947	68108	LEAD	5	227	446	210	372
12953	68108	LEAD	4	345	465	297	386
12956	68108	LEAD	4	386	614	328	497
12957	68108	LEAD	3	136	195	143	186
12960	68108	LEAD	2	113	117	125	128
12977	68108	LEAD	4	382	524	325	430
12980	68108	LEAD	4	289	399	256	337
12986	68108	LEAD	4	425	777	357	617
13000	68108	LEAD	5	150	339	153	293
13002	68108	LEAD	4	570	740	464	590
13003	68108	LEAD	4	171	252	168	229
13007	68108	LEAD	2	199	227	189	210
13008	68108	LEAD	5	214	278	200	248
13011	68108	LEAD	4	306	650	268	523
13014	68108	LEAD	3	223	316	207	276
13019	68108	LEAD	4	443	638	370	514
13020	68108	LEAD	5	179	283	174	252
13029	68108	LEAD	4	367	692	314	554
13031	68108	LEAD	5	363	555	310	453
13041	68108	LEAD	4	142	162	147	162
13046	68108	LEAD	4	208	258	196	233
13047	68108	LEAD	4	320	485	279	401
13049	68108	LEAD	4	223	426	207	357
13058	68108	LEAD	4	223	309	207	271
13061	68108	LEAD	4	227	399	210	338
13067	68108	LEAD	2	230	233	212	215
13071	68108	LEAD	2	169	175	167	172
13075	68108	LEAD	4	213	226	199	209
13079	68108	LEAD	3	617	785	499	623
13082	68108	LEAD	3	175	259	172	234
13090	68108	LEAD	4	163	245	163	223
13094	68108	LEAD	4	141	181	146	176
13097	68108	LEAD	4	287	549	255	448
13099	68108	LEAD	5	328	463	285	384
13101	68108	LEAD	2	257	326	232	283
13102	68108	LEAD	4	332	563	288	459
13103	68108	LEAD	2	762	938	606	736
13105	68108	LEAD	3	367	468	314	389
13108	68108	LEAD	4	493	766	407	609
13109	68108	LEAD	4	664	1162	533	902
13113	68108	LEAD	4	508	596	418	483
13115	68108	LEAD	5	277	433	247	362
13116	68108	LEAD	4	290	531	256	435

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13117	68108	LEAD	4	310	418	271	351
13118	68108	LEAD	4	204	264	193	238
13119	68108	LEAD	4	309	688	271	551
13120	68108	LEAD	4	328	611	285	494
13123	68108	LEAD	4	245	414	223	348
13126	68108	LEAD	4	524	648	430	522
13127	68108	LEAD	4	292	323	258	281
13130	68108	LEAD	4	204	332	193	288
13131	68108	LEAD	5	257	539	232	441
13132	68108	LEAD	4	257	348	232	300
13133	68108	LEAD	4	278	444	248	371
13134	68108	LEAD	4	133	167	140	165
13135	68108	LEAD	4	364	531	312	435
13136	68108	LEAD	4	130	151	138	154
13137	68108	LEAD	4	120	222	131	206
13138	68108	LEAD	4	190	310	183	271
13139	68108	LEAD	4	203	413	192	348
13140	68108	LEAD	4	164	205	163	194
13141	68108	LEAD	4	120	228	131	211
13142	68108	LEAD	5	339	612	293	495
13143	68108	LEAD	4	356	592	305	480
13144	68108	LEAD	4	515	793	423	629
13145	68108	LEAD	3	480	609	397	492
13146	68108	LEAD	4	252	390	229	330
13148	68108	LEAD	4	237	371	218	316
13149	68108	LEAD	5	158	244	159	222
13150	68108	LEAD	4	338	439	292	367
13152	68108	LEAD	3	118	208	130	196
13153	68108	LEAD	4	346	708	298	566
13154	68108	LEAD	4	256	344	231	297
13155	68108	LEAD	4	126	154	135	156
13156	68108	LEAD	4	1041	1537	812	1180
13157	68108	LEAD	4	346	615	298	497
13159	68108	LEAD	4	283	374	251	319
13164	68108	LEAD	4	552	924	450	726
13169	68108	LEAD	4	174	230	170	212
13171	68108	LEAD	3	319	533	278	436
13174	68108	LEAD	4	237	319	217	278
13184	68108	LEAD	4	431	774	361	615
13186	68108	LEAD	4	371	530	317	434
13188	68108	LEAD	4	320	423	279	355
13189	68108	LEAD	4	487	881	403	694
13195	68108	LEAD	4	204	354	193	304
13196	68108	LEAD	4	157	259	158	234
13199	68108	LEAD	4	362	451	310	376

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13203	68108	LEAD	4	411	706	346	564
13205	68108	LEAD	4	303	431	266	361
13206	68108	LEAD	4	452	935	377	734
13210	68108	LEAD	4	187	261	180	235
13213	68108	LEAD	4	153	243	155	222
13214	68108	LEAD	4	256	510	231	419
13217	68108	LEAD	4	220	341	205	294
13218	68108	LEAD	3	107	121	121	132
13220	68108	LEAD	5	226	328	209	285
13222	68108	LEAD	4	703	930	562	730
13224	68108	LEAD	5	202	554	191	452
13225	68108	LEAD	4	413	546	348	446
13227	68108	LEAD	2	279	364	248	311
13232	68108	LEAD	4	370	461	316	383
13233	68108	LEAD	2	184	222	178	207
13239	68108	LEAD	4	165	299	164	264
13241	68108	LEAD	5	664	890	533	701
13242	68108	LEAD	4	192	242	184	221
13246	68108	LEAD	2	117	127	128	136
13247	68108	LEAD	4	93	122	111	132
13253	68108	LEAD	4	141	219	146	204
13254	68108	LEAD	4	145	294	149	260
13256	68108	LEAD	5	276	454	246	378
13258	68108	LEAD	5	312	410	273	345
13260	68108	LEAD	2	227	236	210	217
13267	68108	LEAD	4	440	677	368	543
13275	68108	LEAD	4	138	249	144	226
13276	68108	LEAD	4	84	91	104	110
13277	68108	LEAD	4	293	417	259	351
13278	68108	LEAD	4	206	256	194	232
13286	68108	LEAD	4	446	888	372	699
13289	68108	LEAD	5	613	834	496	659
13291	68108	LEAD	2	433	470	362	390
13292	68108	LEAD	4	172	260	169	234
13293	68108	LEAD	5	228	317	211	277
13296	68108	LEAD	4	293	690	259	553
13300	68108	LEAD	5	142	219	147	204
13304	68108	LEAD	4	177	212	173	199
13308	68108	LEAD	4	254	482	230	399
13311	68108	LEAD	4	291	413	257	348
13314	68108	LEAD	4	321	601	279	487
13316	68108	LEAD	4	218	315	204	275
13328	68108	LEAD	4	100	118	116	129
13329	68108	LEAD	6	100	112	116	125
13330	68108	LEAD	4	321	556	280	453

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13333	68108	LEAD	4	366	485	313	401
13335	68108	LEAD	4	256	446	231	372
13337	68108	LEAD	4	312	690	273	553
13339	68108	LEAD	4	250	296	227	261
13341	68108	LEAD	4	229	335	212	290
13346	68108	LEAD	5	226	300	210	264
13349	68108	LEAD	3	412	675	347	541
13353	68108	LEAD	4	335	527	290	432
13362	68108	LEAD	5	302	706	265	565
13368	68108	LEAD	5	307	524	269	430
13371	68108	LEAD	4	207	287	195	255
13378	68108	LEAD	4	424	502	355	414
13380	68108	LEAD	5	188	212	181	199
13385	68108	LEAD	4	230	295	212	260
13390	68108	LEAD	4	337	566	292	461
13393	68108	LEAD	4	236	305	217	268
13396	68108	LEAD	5	223	277	207	247
13406	68108	LEAD	4	367	709	313	566
13408	68108	LEAD	4	275	456	245	380
13411	68108	LEAD	4	350	532	301	436
13412	68108	LEAD	4	157	253	159	229
13413	68108	LEAD	4	443	652	370	524
13414	68108	LEAD	5	768	2781	610	2100
13415	68108	LEAD	4	513	980	422	767
13416	68108	LEAD	4	502	756	414	601
13418	68108	LEAD	4	240	273	220	244
13419	68108	LEAD	4	534	937	437	736
13422	68108	LEAD	5	309	725	271	578
13424	68108	LEAD	4	292	521	258	428
13427	68108	LEAD	4	548	701	448	561
13428	68108	LEAD	5	292	649	258	522
13431	68108	LEAD	4	515	703	423	562
13434	68108	LEAD	4	338	464	292	386
13436	68108	LEAD	4	194	226	186	210
13440	68108	LEAD	4	498	650	411	523
13445	68108	LEAD	4	422	790	354	627
13449	68108	LEAD	4	139	276	145	246
13451	68108	LEAD	3	365	908	312	714
13454	68108	LEAD	5	391	556	331	453
13466	68108	LEAD	5	178	339	174	293
13473	68108	LEAD	4	263	402	236	339
13478	68108	LEAD	4	435	665	364	534
13481	68108	LEAD	4	380	577	323	469
13485	68108	LEAD	4	172	300	170	264
13486	68108	LEAD	5	542	935	443	734

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13488	68108	LEAD	4	445	566	371	461
13499	68108	LEAD	4	252	483	229	399
13502	68108	LEAD	4	357	662	306	532
13503	68108	LEAD	5	228	340	210	294
13510	68108	LEAD	2	390	443	331	370
13518	68108	LEAD	3	103	133	118	140
13519	68108	LEAD	5	491	777	405	617
13520	68108	LEAD	4	691	1437	553	1105
13521	68108	LEAD	4	268	715	241	571
13527	68108	LEAD	4	259	500	234	412
13529	68108	LEAD	5	376	662	320	532
13530	68108	LEAD	5	116	235	127	216
13536	68108	LEAD	4	490	832	404	658
13539	68108	LEAD	2	258	276	233	246
13546	68108	LEAD	4	428	787	359	624
13550	68108	LEAD	4	400	694	338	555
13553	68108	LEAD	4	317	403	276	340
13556	68108	LEAD	4	305	386	268	328
13557	68108	LEAD	3	419	519	352	426
13560	68108	LEAD	5	435	683	364	547
13565	68108	LEAD	1	108	108	122	122
13569	68108	LEAD	4	341	511	295	420
13570	68108	LEAD	5	220	267	205	240
13574	68108	LEAD	4	196	271	187	242
13575	68108	LEAD	4	281	404	250	341
13582	68108	LEAD	3	453	530	378	435
13589	68108	LEAD	3	463	582	385	473
13591	68108	LEAD	4	53	64	81	89
13595	68108	LEAD	4	204	265	193	238
13596	68108	LEAD	4	317	373	277	318
13608	68108	LEAD	5	432	811	362	642
13610	68108	LEAD	4	327	447	284	373
13615	68108	LEAD	3	325	430	282	361
13618	68108	LEAD	2	353	558	303	455
13622	68108	LEAD	3	60	100	86	116
13631	68108	LEAD	4	97	122	113	132
13640	68108	LEAD	3	258	304	233	267
13641	68108	LEAD	4	241	388	220	329
13644	68108	LEAD	4	442	843	369	666
13645	68108	LEAD	4	312	487	273	403
13651	68108	LEAD	4	513	658	422	529
13652	68108	LEAD	3	1476	1688	1134	1291
13653	68108	LEAD	2	312	314	273	274
13661	68108	LEAD	4	136	202	142	192
13662	68108	LEAD	4	544	892	445	702

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13666	68108	LEAD	4	493	841	407	665
13672	68108	LEAD	5	229	326	212	284
13674	68108	LEAD	5	247	481	225	398
13675	68108	LEAD	4	166	214	165	201
13676	68108	LEAD	4	364	584	312	474
13677	68108	LEAD	3	173	212	170	199
13679	68108	LEAD	4	372	850	317	671
13681	68108	LEAD	4	306	374	268	319
13682	68108	LEAD	2	385	669	327	537
13685	68108	LEAD	3	312	393	273	333
13691	68108	LEAD	4	329	528	285	433
13698	68108	LEAD	4	126	177	135	173
13699	68108	LEAD	3	207	238	195	218
13709	68108	LEAD	3	610	734	493	585
13710	68108	LEAD	4	211	370	198	316
13760	68108	LEAD	4	143	174	148	171
13764	68108	LEAD	4	148	189	152	182
13766	68108	LEAD	4	187	229	181	212
13767	68108	LEAD	4	357	490	306	404
13770	68108	LEAD	5	298	584	262	474
13771	68108	LEAD	4	172	279	169	249
13773	68108	LEAD	4	215	288	201	255
13774	68108	LEAD	2	1075	1466	837	1127
13775	68108	LEAD	5	321	580	280	471
13776	68108	LEAD	4	314	611	274	494
13786	68108	LEAD	3	109	135	122	142
13787	68108	LEAD	3	356	654	305	526
13795	68108	LEAD	4	504	823	415	651
13798	68108	LEAD	4	430	663	361	532
13809	68108	LEAD	5	579	908	470	714
13810	68108	LEAD	4	180	246	175	224
13827	68108	LEAD	3	472	542	391	443
13829	68108	LEAD	4	315	437	275	366
13832	68108	LEAD	4	96	123	113	133
13836	68108	LEAD	4	493	977	407	765
13841	68108	LEAD	3	161	172	161	169
13847	68108	LEAD	1	455	455	379	379
13848	68108	LEAD	4	708	1232	566	953
13854	68108	LEAD	4	89	111	108	124
13860	68108	LEAD	4	437	569	366	463
13868	68108	LEAD	5	658	815	529	645
13870	68108	LEAD	4	391	852	331	672
13873	68108	LEAD	5	306	720	268	575
13876	68108	LEAD	3	247	279	225	248
13878	68108	LEAD	4	387	437	328	366

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
13885	68108	LEAD	4	284	616	252	498
13887	68108	LEAD	4	277	637	247	513
13888	68108	LEAD	3	299	517	264	424
13892	68108	LEAD	4	264	356	238	305
13894	68108	LEAD	4	128	170	137	168
13895	68108	LEAD	5	151	259	154	234
13903	68108	LEAD	3	388	737	329	587
13920	68108	LEAD	4	265	363	238	310
13923	68108	LEAD	4	80	173	101	170
13924	68108	LEAD	4	251	361	227	309
13926	68108	LEAD	4	388	621	329	501
13931	68108	LEAD	4	182	310	176	272
13933	68108	LEAD	2	100	143	116	148
13936	68108	LEAD	4	106	143	121	148
13938	68108	LEAD	3	188	338	181	292
13939	68108	LEAD	4	275	382	245	325
13941	68108	LEAD	4	523	1082	429	843
13950	68108	LEAD	4	399	556	337	454
13953	68108	LEAD	4	147	383	151	325
13954	68108	LEAD	2	259	312	234	273
13958	68108	LEAD	4	405	566	342	461
13960	68108	LEAD	4	166	236	165	217
13962	68108	LEAD	4	297	364	262	311
13963	68108	LEAD	4	2302	7584	1745	5654
13965	68108	LEAD	3	171	230	169	212
13969	68108	LEAD	5	224	264	208	238
13983	68108	LEAD	4	68	141	92	147
13990	68108	LEAD	4	125	180	135	175
13992	68108	LEAD	4	660	866	530	683
13996	68108	LEAD	4	186	285	180	253
13998	68108	LEAD	4	434	794	363	629
14008	68108	LEAD	2	26	28	62	63
14011	68108	LEAD	4	351	439	302	367
14020	68108	LEAD	4	282	415	250	349
14022	68108	LEAD	4	349	551	300	450
14028	68108	LEAD	2	239	268	219	240
14037	68108	LEAD	4	348	606	299	490
14038	68108	LEAD	4	120	233	131	214
14043	68108	LEAD	4	131	161	139	161
14048	68108	LEAD	3	84	119	104	130
14051	68108	LEAD	3	54	56	82	83
14056	68108	LEAD	4	159	305	159	268
14057	68108	LEAD	4	301	361	264	309
14065	68108	LEAD	5	401	936	338	735
14072	68108	LEAD	4	328	478	285	396

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14076	68108	LEAD	5	170	414	168	348
14079	68108	LEAD	4	136	233	143	215
14081	68108	LEAD	3	197	215	188	201
14083	68108	LEAD	4	54	62	82	88
14084	68108	LEAD	4	166	217	165	202
14086	68108	LEAD	4	383	512	325	421
14087	68108	LEAD	4	33	45	67	75
14089	68108	LEAD	4	243	303	222	266
14095	68108	LEAD	4	169	271	167	243
14096	68108	LEAD	4	206	313	194	274
14106	68108	LEAD	4	343	591	296	479
14110	68108	LEAD	4	409	559	345	456
14111	68108	LEAD	3	281	470	250	390
14112	68108	LEAD	4	266	606	239	490
14113	68108	LEAD	5	275	635	245	512
14123	68108	LEAD	5	384	436	326	365
14128	68108	LEAD	3	401	557	339	454
14130	68108	LEAD	4	344	455	296	379
14134	68108	LEAD	3	696	1288	557	995
14135	68108	LEAD	5	343	743	296	592
14140	68108	LEAD	4	161	222	161	206
14141	68108	LEAD	4	363	843	311	666
14147	68108	LEAD	4	233	342	214	295
14151	68108	LEAD	2	373	393	318	333
14153	68108	LEAD	3	411	657	346	528
14173	68108	LEAD	4	577	734	469	585
14174	68108	LEAD	4	521	775	427	615
14186	68108	LEAD	3	564	1466	460	1127
14192	68108	LEAD	4	142	163	147	162
14202	68108	LEAD	2	554	793	452	629
14203	68108	LEAD	4	275	504	246	415
14204	68108	LEAD	5	221	283	205	252
14205	68108	LEAD	4	354	525	304	431
14209	68108	LEAD	4	243	313	222	274
14210	68108	LEAD	5	268	434	240	363
14217	68108	LEAD	4	72	112	96	125
14218	68108	LEAD	5	424	782	355	621
14220	68108	LEAD	2	725	786	579	624
14230	68108	LEAD	4	295	355	261	305
14231	68108	LEAD	4	93	257	111	232
14232	68108	LEAD	5	424	628	356	507
14246	68108	LEAD	4	442	807	369	639
14251	68108	LEAD	3	326	847	283	669
14258	68108	LEAD	4	227	264	210	238
14269	68108	LEAD	4	313	475	274	394

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14270	68108	LEAD	4	125	264	135	238
14272	68108	LEAD	5	190	285	182	253
14274	68108	LEAD	4	72	95	96	112
14279	68108	LEAD	4	29	42	63	73
14284	68108	LEAD	4	311	815	272	645
14285	68108	LEAD	4	192	327	184	284
14286	68108	LEAD	4	375	460	319	382
14287	68108	LEAD	4	108	131	122	139
14290	68108	LEAD	6	263	385	237	327
14300	68108	LEAD	3	440	522	368	428
14306	68108	LEAD	4	155	220	157	205
14309	68108	LEAD	5	267	481	239	398
14313	68108	LEAD	4	176	305	172	268
14315	68108	LEAD	4	198	311	188	272
14316	68108	LEAD	5	425	505	357	416
14321	68108	LEAD	4	249	307	226	269
14327	68108	LEAD	5	171	222	168	206
14328	68108	LEAD	4	588	745	477	593
14331	68108	LEAD	4	162	191	162	183
14333	68108	LEAD	3	526	701	431	561
14335	68108	LEAD	4	65	120	90	131
14343	68108	LEAD	3	270	302	242	265
14345	68108	LEAD	4	148	216	152	202
14349	68108	LEAD	4	342	837	295	661
14351	68108	LEAD	4	289	556	256	454
14354	68108	LEAD	4	121	203	132	192
14357	68108	LEAD	4	227	282	210	251
14358	68108	LEAD	3	418	847	351	669
14360	68108	LEAD	5	289	481	256	398
14366	68108	LEAD	4	186	255	179	231
14369	68108	LEAD	4	356	498	306	411
14370	68108	LEAD	4	85	125	105	134
14372	68108	LEAD	5	158	222	159	206
14379	68108	LEAD	5	407	535	343	438
14389	68108	LEAD	3	284	394	252	334
14391	68108	LEAD	4	124	193	133	185
14392	68108	LEAD	4	356	717	305	573
14401	68108	LEAD	4	296	460	261	383
14414	68108	LEAD	4	121	166	131	165
14418	68108	LEAD	4	378	443	321	370
14421	68108	LEAD	4	77	124	99	134
14433	68108	LEAD	4	123	143	133	148
14438	68108	LEAD	5	247	345	225	298
14440	68108	LEAD	4	197	255	188	230
14442	68108	LEAD	5	131	182	139	177

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14444	68108	LEAD	4	369	453	315	377
14445	68108	LEAD	4	169	205	167	194
14449	68108	LEAD	4	277	437	247	365
14455	68108	LEAD	3	319	434	278	363
14458	68108	LEAD	4	125	156	135	157
14461	68108	LEAD	4	339	851	293	672
14466	68108	LEAD	5	176	416	172	350
14468	68108	LEAD	3	774	1317	615	1017
14474	68108	LEAD	4	302	435	266	364
14476	68108	LEAD	4	177	212	173	199
14480	68108	LEAD	4	217	336	202	291
14481	68108	LEAD	4	219	499	204	411
14486	68108	LEAD	4	82	95	103	113
14488	68108	LEAD	4	147	215	151	201
14490	68108	LEAD	4	318	376	277	320
14491	68108	LEAD	4	144	179	149	175
14493	68108	LEAD	5	145	232	149	214
14494	68108	LEAD	5	148	247	151	225
14496	68108	LEAD	4	105	118	119	129
14497	68108	LEAD	3	222	325	206	282
14501	68108	LEAD	5	161	207	161	195
14503	68108	LEAD	4	122	164	132	164
14518	68108	LEAD	4	513	717	422	572
14519	68108	LEAD	3	115	137	127	144
14521	68108	LEAD	5	196	290	187	256
14527	68108	LEAD	4	226	304	209	267
14529	68108	LEAD	2	227	302	210	266
14530	68108	LEAD	4	166	371	165	317
14537	68108	LEAD	4	300	778	264	618
14540	68108	LEAD	4	392	556	332	453
14545	68108	LEAD	1	378	378	321	321
14547	68108	LEAD	4	352	683	303	547
14555	68108	LEAD	3	433	532	363	436
14558	68108	LEAD	4	201	396	191	335
14562	68108	LEAD	4	50	71	79	95
14563	68108	LEAD	4	308	390	270	331
14569	68108	LEAD	4	341	700	294	560
14570	68108	LEAD	4	368	585	315	475
14571	68108	LEAD	4	86	99	106	115
14573	68108	LEAD	4	215	261	201	235
14574	68108	LEAD	3	258	320	233	279
14575	68108	LEAD	4	262	425	236	357
14576	68108	LEAD	5	487	905	402	712
14578	68108	LEAD	5	206	324	195	282
14579	68108	LEAD	4	73	148	96	152

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14580	68108	LEAD	5	222	316	207	276
14582	68108	LEAD	4	293	410	259	346
14585	68108	LEAD	4	429	682	359	546
14586	68108	LEAD	4	178	289	174	256
14600	68108	LEAD	5	214	252	201	228
14607	68108	LEAD	4	511	744	420	592
14610	68108	LEAD	4	308	574	270	467
14613	68108	LEAD	4	174	253	171	229
14616	68108	LEAD	3	365	473	312	392
14617	68108	LEAD	4	96	170	113	167
14621	68108	LEAD	3	407	639	343	515
14622	68108	LEAD	4	228	278	211	248
14623	68108	LEAD	4	101	158	117	159
14630	68108	LEAD	4	179	247	175	225
14637	68108	LEAD	4	426	759	357	604
14638	68108	LEAD	4	441	617	369	498
14639	68108	LEAD	4	95	157	112	158
14642	68108	LEAD	4	90	155	109	157
14643	68108	LEAD	4	557	790	454	627
14660	68108	LEAD	4	303	333	266	288
14663	68108	LEAD	3	541	874	442	689
14665	68108	LEAD	4	220	369	205	315
14669	68108	LEAD	5	589	873	478	688
14670	68108	LEAD	4	498	870	411	686
14671	68108	LEAD	5	260	672	235	539
14673	68108	LEAD	4	301	390	264	330
14674	68108	LEAD	4	447	782	373	620
14675	68108	LEAD	4	235	298	216	262
14676	68108	LEAD	5	352	587	303	476
14677	68108	LEAD	5	366	492	313	406
14683	68108	LEAD	4	425	695	357	556
14684	68108	LEAD	3	311	548	272	447
14685	68108	LEAD	4	139	174	145	171
14692	68108	LEAD	4	389	725	330	578
14697	68108	LEAD	1	140	140	145	145
14700	68108	LEAD	4	666	912	535	717
14701	68108	LEAD	4	161	231	161	213
14710	68108	LEAD	4	368	402	314	340
14713	68108	LEAD	3	193	294	185	260
14715	68108	LEAD	4	174	208	171	196
14716	68108	LEAD	2	171	193	168	185
14720	68108	LEAD	4	123	154	133	156
14728	68108	LEAD	5	270	722	242	576
14729	68108	LEAD	4	52	66	81	91
14732	68108	LEAD	5	304	412	267	347

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14736	68108	LEAD	4	181	229	176	212
14738	68108	LEAD	5	132	193	140	185
14742	68108	LEAD	3	365	588	312	477
14745	68108	LEAD	5	138	206	144	194
14747	68108	LEAD	2	440	453	368	377
14748	68108	LEAD	4	380	424	323	356
14754	68108	LEAD	4	551	1016	450	793
14770	68108	LEAD	4	303	476	267	394
14771	68108	LEAD	3	220	251	205	227
14773	68108	LEAD	4	118	142	129	147
14782	68108	LEAD	4	66	85	91	105
14785	68108	LEAD	5	264	615	238	497
14786	68108	LEAD	4	137	228	143	211
14789	68108	LEAD	4	187	333	180	289
14795	68108	LEAD	4	210	276	197	246
14796	68108	LEAD	4	47	56	77	84
14800	68108	LEAD	4	263	568	237	463
14803	68108	LEAD	4	127	177	136	173
14804	68108	LEAD	5	57	76	84	98
14807	68108	LEAD	4	293	458	259	381
14808	68108	LEAD	3	352	688	302	551
14815	68108	LEAD	4	381	604	324	489
14816	68108	LEAD	4	345	420	298	353
14818	68108	LEAD	4	355	674	304	541
14825	68108	LEAD	4	586	757	476	602
14827	68108	LEAD	4	213	256	200	231
14830	68108	LEAD	4	318	375	277	319
14831	68108	LEAD	2	492	500	406	412
14832	68108	LEAD	5	339	589	293	478
14835	68108	LEAD	4	462	603	384	488
14839	68108	LEAD	4	231	382	213	325
14841	68108	LEAD	4	449	855	374	675
14847	68108	LEAD	4	208	243	196	222
14848	68108	LEAD	3	275	293	245	259
14849	68108	LEAD	4	262	312	236	273
14850	68108	LEAD	6	246	429	224	359
14851	68108	LEAD	3	525	913	430	717
14853	68108	LEAD	4	238	385	218	327
14855	68108	LEAD	4	275	386	246	327
14856	68108	LEAD	2	450	480	375	397
14859	68108	LEAD	4	492	718	406	573
14862	68108	LEAD	2	242	257	221	232
14867	68108	LEAD	4	597	761	484	605
14868	68108	LEAD	3	388	466	329	387
14870	68108	LEAD	4	625	706	505	565

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
14871	68108	LEAD	4	224	294	208	260
14878	68108	LEAD	4	155	302	157	265
14879	68108	LEAD	4	354	504	304	415
14888	68108	LEAD	4	226	405	209	342
14890	68108	LEAD	4	181	194	176	185
14891	68108	LEAD	5	152	250	154	227
14894	68108	LEAD	5	326	626	283	505
14895	68108	LEAD	5	126	410	135	346
14901	68108	LEAD	5	229	330	211	286
14902	68108	LEAD	4	117	158	129	159
14903	68108	LEAD	5	264	440	238	368
14904	68108	LEAD	4	173	447	170	373
14907	68108	LEAD	3	328	457	285	380
14911	68108	LEAD	4	196	299	187	263
14912	68108	LEAD	4	119	182	130	177
14914	68108	LEAD	4	790	1118	627	869
14925	68108	LEAD	4	217	265	203	238
14931	68108	LEAD	5	385	466	327	387
14932	68108	LEAD	4	220	291	205	258
14933	68108	LEAD	4	236	285	217	253
14935	68108	LEAD	3	639	882	515	694
14940	68108	LEAD	4	276	361	246	309
14941	68108	LEAD	4	264	397	237	336
14944	68108	LEAD	3	413	745	347	593
14946	68108	LEAD	3	353	492	303	406
14947	68108	LEAD	4	435	574	364	466
14953	68108	LEAD	4	112	142	125	147
14954	68108	LEAD	4	451	680	376	546
14960	68108	LEAD	3	126	131	135	139
14961	68108	LEAD	2	692	694	554	556
14963	68108	LEAD	3	186	285	180	253
14968	68108	LEAD	4	216	280	202	249
14973	68108	LEAD	3	125	148	135	151
14977	68108	LEAD	4	241	295	220	260
14983	68108	LEAD	4	241	362	221	310
14987	68108	LEAD	4	553	655	451	527
14989	68108	LEAD	2	212	310	199	272
14996	68108	LEAD	4	328	458	285	381
14997	68108	LEAD	4	581	927	472	728
14998	68108	LEAD	4	599	1701	486	1300
15001	68108	LEAD	4	344	470	296	390
15002	68108	LEAD	4	306	411	268	346
15005	68108	LEAD	4	208	252	196	229
15007	68108	LEAD	3	167	251	166	228
15018	68108	LEAD	4	159	224	160	208

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15021	68108	LEAD	4	280	558	250	455
15023	68108	LEAD	4	124	179	134	175
15026	68108	LEAD	2	647	654	521	526
15030	68108	LEAD	4	179	250	175	227
15034	68108	LEAD	4	188	258	181	233
15039	68108	LEAD	4	141	202	147	192
15046	68108	LEAD	4	400	554	338	452
15049	68108	LEAD	3	231	314	213	274
15051	68108	LEAD	4	396	501	335	413
15053	68108	LEAD	5	297	480	262	397
15055	68108	LEAD	4	304	376	267	321
15061	68108	LEAD	5	340	585	294	475
15062	68108	LEAD	4	109	165	123	164
15067	68108	LEAD	3	463	564	385	460
15069	68108	LEAD	4	607	865	491	682
15070	68108	LEAD	5	439	653	367	525
15073	68108	LEAD	5	113	176	126	172
15075	68108	LEAD	5	184	347	178	299
15081	68108	LEAD	5	413	681	348	546
15085	68108	LEAD	4	236	515	216	423
15087	68108	LEAD	4	185	242	179	221
15093	68108	LEAD	4	507	742	417	591
15096	68108	LEAD	2	178	191	173	183
15098	68108	LEAD	4	130	172	138	169
15103	68108	LEAD	3	413	676	348	542
15107	68108	LEAD	2	424	635	356	512
15112	68108	LEAD	4	209	322	197	280
15115	68108	LEAD	4	489	734	404	585
15116	68108	LEAD	2	493	496	407	409
15117	68108	LEAD	4	620	750	501	597
15118	68108	LEAD	4	360	494	308	407
15120	68108	LEAD	4	310	381	272	324
15127	68108	LEAD	2	328	340	285	294
15129	68108	LEAD	4	421	639	353	515
15135	68108	LEAD	4	487	648	402	521
15137	68108	LEAD	4	358	368	307	314
15138	68108	LEAD	4	285	413	253	348
15140	68108	LEAD	4	465	711	386	568
15143	68108	LEAD	5	195	252	186	228
15146	68108	LEAD	4	488	806	403	638
15147	68108	LEAD	4	289	455	256	379
15148	68108	LEAD	4	148	189	152	182
15151	68108	LEAD	4	176	254	172	230
15152	68108	LEAD	4	416	593	350	481
15156	68108	LEAD	4	206	281	194	250

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15165	68108	LEAD	4	212	250	199	227
15173	68108	LEAD	2	347	412	298	347
15174	68108	LEAD	4	372	586	318	476
15176	68108	LEAD	4	31	40	65	72
15185	68108	LEAD	4	391	759	331	604
15186	68108	LEAD	3	166	252	165	229
15187	68108	LEAD	2	633	766	510	609
15188	68108	LEAD	5	490	574	405	467
15195	68108	LEAD	4	177	314	173	274
15196	68108	LEAD	3	328	388	285	329
15201	68108	LEAD	4	468	765	388	608
15204	68108	LEAD	4	203	232	192	214
15205	68108	LEAD	4	323	525	281	431
15207	68108	LEAD	4	325	461	282	383
15209	68108	LEAD	4	415	531	349	435
15212	68108	LEAD	4	322	393	280	332
15214	68108	LEAD	4	73	86	96	106
15222	68108	LEAD	3	299	347	263	299
15224	68108	LEAD	4	193	299	185	263
15226	68108	LEAD	4	759	1587	604	1216
15228	68108	LEAD	4	161	260	161	234
15235	68108	LEAD	5	377	536	321	439
15242	68108	LEAD	4	51	63	80	88
15243	68108	LEAD	2	287	318	254	277
15248	68108	LEAD	5	23	27	59	62
15251	68108	LEAD	3	214	338	200	292
15254	68108	LEAD	4	224	283	207	251
15256	68108	LEAD	4	495	796	409	631
15259	68108	LEAD	5	375	638	320	514
15266	68108	LEAD	5	333	499	289	411
15270	68108	LEAD	5	45	64	75	89
15272	68108	LEAD	4	487	649	402	522
15273	68108	LEAD	5	55	114	83	126
15276	68108	LEAD	5	646	842	520	665
15281	68108	LEAD	3	431	846	361	668
15289	68108	LEAD	5	246	361	224	309
15290	68108	LEAD	2	359	364	307	311
15296	68108	LEAD	4	140	166	145	165
15304	68108	LEAD	3	551	1097	450	854
15312	68108	LEAD	4	197	260	187	234
15322	68108	LEAD	4	160	243	161	222
15324	68108	LEAD	3	437	632	366	510
15326	68108	LEAD	4	667	844	536	667
15327	68108	LEAD	3	398	428	336	358
15328	68108	LEAD	4	146	218	150	204

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15330	68108	LEAD	5	260	644	234	518
15337	68108	LEAD	5	753	1021	599	797
15339	68108	LEAD	4	343	437	296	365
15353	68108	LEAD	4	319	365	278	312
15356	68108	LEAD	4	251	356	228	305
15359	68108	LEAD	4	729	964	582	756
15364	68108	LEAD	4	501	935	413	734
15368	68108	LEAD	3	690	809	553	641
15381	68108	LEAD	5	268	328	241	285
15383	68108	LEAD	5	244	465	223	386
15387	68108	LEAD	4	213	323	200	281
15391	68108	LEAD	5	397	458	336	381
15396	68108	LEAD	3	152	161	154	161
15401	68108	LEAD	5	60	105	86	119
15403	68108	LEAD	4	375	1112	320	865
15404	68108	LEAD	4	298	492	263	406
15405	68108	LEAD	3	168	391	167	331
15408	68108	LEAD	5	289	534	256	437
15411	68108	LEAD	4	465	689	386	552
15412	68108	LEAD	4	295	420	260	353
15413	68108	LEAD	4	152	217	154	203
15414	68108	LEAD	3	178	245	173	223
15415	68108	LEAD	3	402	494	340	407
15418	68108	LEAD	4	421	681	354	546
15419	68108	LEAD	4	384	601	326	487
15420	68108	LEAD	4	492	576	406	469
15422	68108	LEAD	5	58	94	85	112
15423	68108	LEAD	4	62	88	88	107
15424	68108	LEAD	6	308	495	270	408
15425	68108	LEAD	3	286	368	254	315
15428	68108	LEAD	4	206	274	194	245
15429	68108	LEAD	5	70	116	93	128
15431	68108	LEAD	4	304	467	267	388
15432	68108	LEAD	4	40	68	72	93
15435	68108	LEAD	5	57	98	84	115
15437	68108	LEAD	4	249	279	226	248
15439	68108	LEAD	3	293	312	259	273
15441	68108	LEAD	4	64	84	90	104
15443	68108	LEAD	5	256	533	232	437
15446	68108	LEAD	3	756	810	601	641
15448	68108	LEAD	2	539	608	441	492
15451	68108	LEAD	4	224	520	207	427
15457	68108	LEAD	4	129	221	137	205
15458	68108	LEAD	4	373	452	318	377
15459	68108	LEAD	3	90	113	109	125

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15465	68108	LEAD	4	244	408	222	344
15468	68108	LEAD	4	227	317	210	277
15469	68108	LEAD	4	72	103	96	118
15471	68108	LEAD	2	337	338	291	292
15472	68108	LEAD	2	237	242	217	221
15475	68108	LEAD	4	284	393	252	333
15478	68108	LEAD	4	215	497	201	410
15479	68108	LEAD	5	144	438	148	366
15481	68108	LEAD	3	561	881	457	694
15482	68108	LEAD	4	38	49	70	79
15483	68108	LEAD	4	460	787	383	625
15486	68108	LEAD	4	35	75	68	98
15488	68108	LEAD	5	288	454	255	378
15490	68108	LEAD	4	567	915	462	719
15491	68108	LEAD	4	82	124	102	134
15502	68108	LEAD	4	111	132	124	139
15505	68108	LEAD	4	885	1637	697	1253
15506	68108	LEAD	4	125	239	135	219
15530	68108	LEAD	5	119	213	130	200
15533	68108	LEAD	3	253	361	229	309
15535	68108	LEAD	4	38	52	70	81
15538	68108	LEAD	4	105	158	119	159
15539	68108	LEAD	4	297	450	262	375
15542	68108	LEAD	5	286	424	254	356
15546	68108	LEAD	4	572	730	465	582
15549	68108	LEAD	5	225	323	208	281
15552	68108	LEAD	5	353	512	303	421
15553	68108	LEAD	3	471	719	390	574
15555	68108	LEAD	3	323	425	281	356
15558	68108	LEAD	4	32	48	66	77
15559	68108	LEAD	4	357	563	306	459
15563	68108	LEAD	3	148	182	151	177
15567	68108	LEAD	4	86	141	106	146
15570	68108	LEAD	4	251	396	228	335
15572	68108	LEAD	3	558	738	455	588
15579	68108	LEAD	3	502	911	414	716
15580	68108	LEAD	4	334	556	289	453
15582	68108	LEAD	4	339	425	293	356
15583	68108	LEAD	4	285	567	253	462
15584	68108	LEAD	4	201	332	190	288
15585	68108	LEAD	4	150	215	153	201
15588	68108	LEAD	2	309	429	271	359
15589	68108	LEAD	4	396	811	335	642
15592	68108	LEAD	4	237	258	217	233
15593	68108	LEAD	5	95	134	112	141

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15594	68108	LEAD	4	44	52	74	80
15595	68108	LEAD	6	388	955	329	748
15596	68108	LEAD	4	529	762	434	606
15597	68108	LEAD	4	378	572	322	465
15598	68108	LEAD	3	336	531	290	435
15599	68108	LEAD	2	415	431	349	361
15600	68108	LEAD	5	317	452	277	376
15601	68108	LEAD	4	269	333	241	288
15603	68108	LEAD	4	107	146	121	150
15606	68108	LEAD	4	87	121	106	132
15610	68108	LEAD	4	80	119	101	130
15614	68108	LEAD	4	197	352	188	302
15615	68108	LEAD	4	389	529	330	434
15616	68108	LEAD	5	415	697	349	558
15617	68108	LEAD	4	275	541	246	443
15618	68108	LEAD	4	91	137	110	143
15619	68108	LEAD	5	100	146	116	150
15624	68108	LEAD	4	101	127	117	136
15625	68108	LEAD	4	378	511	321	420
15628	68108	LEAD	3	252	290	229	256
15630	68108	LEAD	5	72	134	95	141
15632	68108	LEAD	4	706	824	564	652
15635	68108	LEAD	4	402	652	339	525
15639	68108	LEAD	4	161	255	161	230
15643	68108	LEAD	4	191	369	183	315
15646	68108	LEAD	4	570	713	464	570
15649	68108	LEAD	5	668	860	536	678
15650	68108	LEAD	4	522	826	428	653
15652	68108	LEAD	5	398	445	336	371
15656	68108	LEAD	4	40	63	72	89
15658	68108	LEAD	4	305	377	267	321
15662	68108	LEAD	4	224	274	208	245
15672	68108	LEAD	4	45	86	75	105
15674	68108	LEAD	3	745	818	593	647
15675	68108	LEAD	4	241	466	220	387
15679	68108	LEAD	4	286	470	254	390
15680	68108	LEAD	4	170	300	168	264
15683	68108	LEAD	5	280	417	249	350
15687	68108	LEAD	4	570	957	464	750
15688	68108	LEAD	4	180	254	175	230
15689	68108	LEAD	4	69	79	93	101
15692	68108	LEAD	3	221	388	206	329
15699	68108	LEAD	4	142	253	147	229
15703	68108	LEAD	1	298	298	262	262
15704	68108	LEAD	4	75	106	97	120

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15706	68108	LEAD	4	294	485	259	401
15707	68108	LEAD	4	213	332	200	288
15710	68108	LEAD	4	350	455	301	379
15711	68108	LEAD	4	82	97	102	114
15714	68108	LEAD	4	304	372	267	317
15719	68108	LEAD	5	199	378	189	322
15720	68108	LEAD	4	152	243	155	222
15725	68108	LEAD	4	366	380	313	323
15726	68108	LEAD	5	44	76	74	99
15727	68108	LEAD	4	309	399	270	337
15730	68108	LEAD	4	457	869	380	685
15734	68108	LEAD	4	474	957	392	750
15739	68108	LEAD	5	59	96	86	113
15740	68108	LEAD	6	50	77	79	99
15742	68108	LEAD	3	971	1281	760	990
15743	68108	LEAD	4	300	384	264	326
15747	68108	LEAD	2	228	233	211	214
15748	68108	LEAD	4	326	398	283	337
15750	68108	LEAD	5	390	747	331	594
15759	68108	LEAD	4	157	186	158	180
15760	68108	LEAD	4	560	832	457	657
15762	68108	LEAD	4	381	816	324	646
15763	68108	LEAD	4	33	47	67	76
15764	68108	LEAD	2	267	296	239	261
15766	68108	LEAD	3	581	679	472	544
15768	68108	LEAD	4	79	121	101	131
15772	68108	LEAD	3	403	784	340	622
15773	68108	LEAD	4	209	358	197	307
15775	68108	LEAD	4	381	476	324	394
15777	68108	LEAD	4	293	415	259	349
15785	68108	LEAD	4	470	811	390	642
15787	68108	LEAD	4	465	526	386	432
15788	68108	LEAD	4	36	41	69	73
15790	68108	LEAD	4	70	81	94	102
15791	68108	LEAD	5	303	411	266	346
15793	68108	LEAD	3	387	662	329	532
15794	68108	LEAD	3	197	250	188	227
15795	68108	LEAD	5	103	227	118	210
15796	68108	LEAD	4	104	120	119	131
15799	68108	LEAD	2	542	704	443	563
15800	68108	LEAD	4	397	756	336	602
15807	68108	LEAD	4	54	81	82	102
15809	68108	LEAD	4	103	148	118	152
15813	68108	LEAD	5	161	242	161	221
15814	68108	LEAD	4	427	742	358	591

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15817	68108	LEAD	5	337	450	291	375
15819	68108	LEAD	3	622	709	502	566
15822	68108	LEAD	5	266	344	239	296
15823	68108	LEAD	2	184	257	178	232
15826	68108	LEAD	4	170	280	168	249
15827	68108	LEAD	5	223	441	207	369
15828	68108	LEAD	4	401	561	339	457
15830	68108	LEAD	3	288	381	255	324
15831	68108	LEAD	5	335	580	290	471
15833	68108	LEAD	4	218	310	204	271
15837	68108	LEAD	5	29	34	63	67
15841	68108	LEAD	3	440	832	368	658
15844	68108	LEAD	4	294	385	260	327
15845	68108	LEAD	4	84	210	104	197
15847	68108	LEAD	3	205	265	194	238
15850	68108	LEAD	5	258	547	233	447
15851	68108	LEAD	4	471	744	390	593
15852	68108	LEAD	4	308	494	270	407
15853	68108	LEAD	4	341	567	294	462
15854	68108	LEAD	4	230	281	212	250
15855	68108	LEAD	3	240	330	219	286
15857	68108	LEAD	2	467	570	387	464
15859	68108	LEAD	4	316	485	276	401
15861	68108	LEAD	4	337	446	292	372
15865	68108	LEAD	4	321	407	280	343
15866	68108	LEAD	5	260	363	234	311
15869	68108	LEAD	4	378	568	322	462
15874	68108	LEAD	4	340	707	293	565
15876	68108	LEAD	4	62	70	88	94
15877	68108	LEAD	4	527	830	432	657
15878	68108	LEAD	4	443	598	370	485
15881	68108	LEAD	5	258	680	233	545
15883	68108	LEAD	4	281	391	250	332
15885	68108	LEAD	5	66	76	91	98
15887	68108	LEAD	4	441	756	368	601
15888	68108	LEAD	2	593	682	481	547
15892	68108	LEAD	3	289	321	256	279
15893	68108	LEAD	4	388	422	329	354
15895	68108	LEAD	4	267	329	240	285
15902	68108	LEAD	4	134	195	141	186
15903	68108	LEAD	4	97	158	114	159
15906	68108	LEAD	4	298	434	262	363
15913	68108	LEAD	4	224	312	208	273
15915	68108	LEAD	5	448	777	374	617
15917	68108	LEAD	6	215	381	201	324

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
15919	68108	LEAD	3	43	51	74	80
15920	68108	LEAD	4	50	90	79	108
15923	68108	LEAD	5	277	367	247	313
15927	68108	LEAD	4	275	412	246	347
15929	68108	LEAD	4	747	1188	595	921
15930	68108	LEAD	4	210	301	197	265
15931	68108	LEAD	4	101	145	117	150
15934	68108	LEAD	4	456	652	379	524
15939	68108	LEAD	2	378	589	322	478
15941	68108	LEAD	5	211	396	198	335
15942	68108	LEAD	4	286	528	254	433
15946	68108	LEAD	4	184	300	178	264
15947	68108	LEAD	5	847	2045	669	1556
15948	68108	LEAD	5	104	248	119	225
15954	68108	LEAD	5	294	390	260	331
15955	68108	LEAD	5	271	385	243	327
15961	68108	LEAD	5	129	204	137	193
15963	68108	LEAD	4	326	417	283	350
15965	68108	LEAD	3	501	524	412	430
15966	68108	LEAD	3	383	423	325	355
15971	68108	LEAD	3	402	494	340	407
15972	68108	LEAD	5	214	290	200	256
15973	68108	LEAD	4	406	482	343	399
15974	68108	LEAD	4	399	728	337	580
15977	68108	LEAD	4	240	281	219	250
15980	68108	LEAD	4	506	601	417	486
15982	68108	LEAD	4	540	822	442	650
15983	68108	LEAD	3	694	815	556	645
15984	68108	LEAD	4	134	186	141	180
15987	68108	LEAD	4	476	865	394	682
15989	68108	LEAD	3	732	962	584	754
15990	68108	LEAD	4	335	469	290	389
15993	68108	LEAD	4	172	343	170	296
15995	68108	LEAD	4	53	68	82	92
15998	68108	LEAD	4	393	583	333	474
16001	68108	LEAD	2	957	962	750	754
16003	68108	LEAD	4	37	46	70	76
16005	68108	LEAD	5	112	185	125	179
16006	68108	LEAD	4	297	538	262	440
16011	68108	LEAD	2	654	890	526	701
16012	68108	LEAD	4	218	294	204	259
16013	68108	LEAD	3	876	1150	690	893
16021	68108	LEAD	2	621	637	501	514
16024	68108	LEAD	5	458	715	381	571
16025	68108	LEAD	4	60	68	87	92

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16028	68108	LEAD	2	219	302	204	265
16029	68108	LEAD	1	706	706	565	565
16030	68108	LEAD	3	312	413	273	348
16032	68108	LEAD	4	600	727	486	580
16033	68108	LEAD	5	118	217	129	202
16036	68108	LEAD	4	454	576	378	468
16038	68108	LEAD	2	446	583	372	473
16039	68108	LEAD	4	416	725	350	579
16040	68108	LEAD	4	435	544	364	445
16041	68108	LEAD	3	479	540	396	441
16042	68108	LEAD	4	164	184	164	178
16043	68108	LEAD	3	283	329	251	285
16046	68108	LEAD	5	214	442	200	369
16050	68108	LEAD	4	102	117	118	129
16051	68108	LEAD	4	362	483	310	400
16075	68108	LEAD	5	38	58	70	85
16077	68108	LEAD	5	437	639	365	515
16079	68108	LEAD	4	400	494	338	407
16080	68108	LEAD	4	455	815	379	645
16086	68108	LEAD	4	72	89	95	108
16089	68108	LEAD	4	463	545	384	446
16097	68108	LEAD	4	492	819	406	648
16100	68108	LEAD	3	495	571	408	464
16101	68108	LEAD	3	191	236	184	217
16104	68108	LEAD	3	480	565	397	460
16105	68108	LEAD	5	133	189	140	182
16106	68108	LEAD	4	62	76	88	98
16107	68108	LEAD	4	273	321	244	279
16117	68108	LEAD	4	159	232	159	213
16120	68108	LEAD	4	270	407	242	343
16126	68108	LEAD	5	226	352	209	302
16128	68108	LEAD	5	525	876	430	690
16133	68108	LEAD	4	392	577	332	469
16135	68108	LEAD	4	261	663	235	532
16137	68108	LEAD	4	325	521	282	428
16138	68108	LEAD	4	358	430	307	360
16143	68108	LEAD	4	61	101	87	117
16145	68108	LEAD	4	86	134	106	141
16153	68108	LEAD	4	283	329	251	285
16156	68108	LEAD	3	779	979	619	766
16157	68108	LEAD	2	474	687	393	550
16162	68108	LEAD	4	106	140	120	146
16163	68108	LEAD	3	465	848	386	670
16164	68108	LEAD	5	348	428	299	359
16165	68108	LEAD	4	597	717	484	573

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16167	68108	LEAD	3	412	530	347	434
16170	68108	LEAD	4	165	190	164	183
16175	68108	LEAD	4	166	244	165	222
16177	68108	LEAD	4	341	456	294	379
16180	68108	LEAD	4	143	181	148	176
16187	68108	LEAD	4	257	429	232	360
16190	68108	LEAD	5	444	683	370	548
16192	68108	LEAD	4	514	964	422	755
16194	68108	LEAD	5	369	760	315	605
16197	68108	LEAD	3	364	492	312	406
16200	68108	LEAD	4	379	881	322	694
16201	68108	LEAD	3	330	626	286	505
16203	68108	LEAD	2	815	956	645	749
16204	68108	LEAD	4	257	345	232	298
16205	68108	LEAD	4	550	700	449	560
16207	68108	LEAD	4	38	70	70	94
16208	68108	LEAD	5	348	599	300	485
16214	68108	LEAD	4	394	530	334	434
16215	68108	LEAD	3	405	706	342	564
16217	68108	LEAD	5	423	736	355	587
16218	68108	LEAD	3	696	938	557	736
16222	68108	LEAD	3	1019	1377	796	1061
16225	68108	LEAD	4	75	144	97	149
16226	68108	LEAD	3	573	759	466	604
16239	68108	LEAD	3	496	807	409	639
16245	68108	LEAD	4	384	489	326	404
16251	68108	LEAD	4	488	722	403	576
16252	68108	LEAD	2	581	602	472	487
16253	68108	LEAD	4	577	921	469	723
16254	68108	LEAD	3	499	552	411	450
16256	68108	LEAD	4	273	537	244	439
16258	68108	LEAD	5	363	462	311	384
16259	68108	LEAD	4	264	414	237	349
16260	68108	LEAD	4	444	604	371	489
16261	68108	LEAD	5	132	182	140	177
16262	68108	LEAD	4	210	251	198	228
16266	68108	LEAD	4	89	129	108	137
16267	68108	LEAD	4	269	516	241	424
16273	68108	LEAD	4	562	857	458	676
16277	68108	LEAD	3	211	304	198	267
16279	68108	LEAD	6	202	263	191	237
16280	68108	LEAD	2	238	263	218	237
16282	68108	LEAD	4	195	291	187	257
16284	68108	LEAD	3	520	640	426	515
16285	68108	LEAD	4	530	691	434	554

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16288	68108	LEAD	5	210	382	198	325
16291	68108	LEAD	3	360	591	308	479
16294	68108	LEAD	4	272	649	243	522
16299	68108	LEAD	5	93	120	111	131
16300	68108	LEAD	4	262	351	236	302
16305	68108	LEAD	5	130	232	138	214
16307	68108	LEAD	4	553	812	451	643
16310	68108	LEAD	3	146	172	150	169
16311	68108	LEAD	4	228	345	210	298
16313	68108	LEAD	4	467	648	388	521
16316	68108	LEAD	4	152	205	154	193
16319	68108	LEAD	4	644	760	518	604
16320	68108	LEAD	5	285	418	253	351
16322	68108	LEAD	3	1023	1836	799	1401
16323	68108	LEAD	4	519	850	426	671
16328	68108	LEAD	3	606	702	491	561
16330	68108	LEAD	5	182	343	177	296
16338	68108	LEAD	4	67	115	92	127
16339	68108	LEAD	4	205	275	194	246
16340	68108	LEAD	4	404	573	341	466
16341	68108	LEAD	3	359	390	308	330
16344	68108	LEAD	5	62	87	88	106
16348	68108	LEAD	4	88	184	107	178
16349	68108	LEAD	5	252	537	228	439
16353	68108	LEAD	5	244	462	223	384
16354	68108	LEAD	4	402	501	339	413
16360	68108	LEAD	4	232	348	214	300
16361	68108	LEAD	3	263	317	237	276
16362	68108	LEAD	4	106	138	121	144
16366	68108	LEAD	4	95	105	112	120
16367	68108	LEAD	4	489	846	404	668
16369	68108	LEAD	4	232	339	213	293
16373	68108	LEAD	4	348	523	299	429
16374	68108	LEAD	2	214	272	200	243
16376	68108	LEAD	4	375	619	320	500
16377	68108	LEAD	3	334	341	289	295
16379	68108	LEAD	3	530	742	434	591
16383	68108	LEAD	4	284	310	252	271
16386	68108	LEAD	2	375	399	320	338
16388	68108	LEAD	4	271	519	242	426
16401	68108	LEAD	4	303	464	266	385
16402	68108	LEAD	2	438	676	366	542
16403	68108	LEAD	5	138	215	144	201
16404	68108	LEAD	4	635	865	512	682
16405	68108	LEAD	4	272	336	243	291

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16407	68108	LEAD	2	660	932	531	732
16409	68108	LEAD	2	141	172	146	169
16410	68108	LEAD	4	188	237	181	217
16414	68108	LEAD	4	191	248	183	226
16416	68108	LEAD	5	370	584	316	474
16419	68108	LEAD	4	374	433	319	363
16423	68108	LEAD	4	577	1054	469	822
16425	68108	LEAD	4	128	188	136	181
16431	68108	LEAD	5	414	632	348	510
16433	68108	LEAD	3	182	226	177	209
16435	68108	LEAD	2	634	771	511	612
16441	68108	LEAD	2	181	199	176	189
16442	68108	LEAD	4	242	578	221	470
16446	68108	LEAD	4	494	685	407	549
16448	68108	LEAD	2	262	267	236	240
16452	68108	LEAD	4	390	580	330	471
16455	68108	LEAD	4	214	290	200	256
16457	68108	LEAD	5	164	274	163	245
16460	68108	LEAD	4	289	318	256	278
16468	68108	LEAD	3	246	450	224	375
16470	68108	LEAD	4	372	587	317	476
16474	68108	LEAD	4	222	262	206	236
16476	68108	LEAD	5	103	146	118	150
16482	68108	LEAD	4	432	592	362	480
16483	68108	LEAD	4	800	1206	634	935
16489	68108	LEAD	4	143	176	148	172
16497	68108	LEAD	2	48	65	77	90
16498	68108	LEAD	4	260	415	235	349
16502	68108	LEAD	5	151	256	154	231
16504	68108	LEAD	4	420	579	353	470
16508	68108	LEAD	5	272	320	243	279
16510	68108	LEAD	3	566	640	461	516
16512	68108	LEAD	4	434	694	363	556
16514	68108	LEAD	4	117	204	129	193
16515	68108	LEAD	4	333	422	288	355
16517	68108	LEAD	2	263	317	237	276
16520	68108	LEAD	1	326	326	283	283
16521	68108	LEAD	4	307	478	269	396
16522	68108	LEAD	4	560	656	457	527
16525	68108	LEAD	4	713	1991	569	1515
16526	68108	LEAD	4	491	733	405	584
16527	68108	LEAD	5	208	308	196	270
16529	68108	LEAD	4	218	320	203	279
16530	68108	LEAD	4	422	625	354	505
16531	68108	LEAD	5	428	598	358	485

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16532	68108	LEAD	4	356	633	305	511
16536	68108	LEAD	4	224	299	207	264
16538	68108	LEAD	3	256	343	231	296
16539	68108	LEAD	4	204	401	193	339
16542	68108	LEAD	3	112	158	125	159
16547	68108	LEAD	5	192	261	184	235
16548	68108	LEAD	5	588	881	477	694
16549	68108	LEAD	4	301	451	265	376
16551	68108	LEAD	5	362	630	310	508
16552	68108	LEAD	4	798	904	633	711
16554	68108	LEAD	5	406	609	342	493
16556	68108	LEAD	4	251	470	228	390
16558	68108	LEAD	1	464	464	386	386
16560	68108	LEAD	3	217	286	203	254
16561	68108	LEAD	4	266	362	239	310
16567	68108	LEAD	4	78	108	100	122
16577	68108	LEAD	3	386	580	327	471
16579	68108	LEAD	5	134	235	141	216
16581	68108	LEAD	4	700	744	560	593
16582	68108	LEAD	4	161	213	161	199
16583	68108	LEAD	4	212	267	199	239
16584	68108	LEAD	4	304	450	267	375
16586	68108	LEAD	4	300	423	264	355
16588	68108	LEAD	4	115	140	127	146
16590	68108	LEAD	4	331	653	287	525
16592	68108	LEAD	4	144	158	148	159
16593	68108	LEAD	5	183	240	177	219
16594	68108	LEAD	5	278	627	248	506
16595	68108	LEAD	5	165	180	164	176
16596	68108	LEAD	4	399	608	338	492
16599	68108	LEAD	4	111	163	124	163
16603	68108	LEAD	4	301	480	265	397
16604	68108	LEAD	4	437	659	366	530
16606	68108	LEAD	4	281	363	250	311
16608	68108	LEAD	4	193	256	185	231
16610	68108	LEAD	4	202	317	192	276
16612	68108	LEAD	4	481	592	398	480
16616	68108	LEAD	4	375	500	319	412
16617	68108	LEAD	2	261	292	235	258
16620	68108	LEAD	3	359	658	307	529
16625	68108	LEAD	4	231	341	213	294
16626	68108	LEAD	4	355	426	305	358
16627	68108	LEAD	4	500	659	412	529
16629	68108	LEAD	4	328	347	285	298
16632	68108	LEAD	4	239	371	219	317

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16633	68108	LEAD	4	286	408	253	344
16635	68108	LEAD	2	326	369	283	315
16636	68108	LEAD	4	615	808	497	640
16637	68108	LEAD	3	168	229	167	212
16640	68108	LEAD	4	467	554	388	452
16644	68108	LEAD	4	226	290	209	257
16645	68108	LEAD	4	148	169	152	167
16648	68108	LEAD	3	568	890	462	701
16652	68108	LEAD	3	620	891	501	701
16653	68108	LEAD	4	280	353	249	303
16655	68108	LEAD	4	106	131	121	139
16663	68108	LEAD	2	215	223	201	207
16664	68108	LEAD	4	601	801	486	635
16665	68108	LEAD	3	373	487	318	402
16666	68108	LEAD	4	470	700	390	560
16667	68108	LEAD	5	195	263	186	237
16670	68108	LEAD	3	736	1152	587	894
16672	68108	LEAD	5	252	357	229	306
16673	68108	LEAD	4	477	877	395	691
16674	68108	LEAD	4	312	415	273	349
16676	68108	LEAD	2	220	248	205	225
16677	68108	LEAD	4	207	268	195	240
16682	68108	LEAD	5	61	94	87	111
16683	68108	LEAD	4	283	376	252	320
16685	68108	LEAD	4	483	552	400	451
16686	68108	LEAD	4	320	403	279	340
16687	68108	LEAD	4	449	895	374	704
16693	68108	LEAD	3	303	555	266	453
16695	68108	LEAD	5	287	393	255	333
16701	68108	LEAD	4	214	274	200	245
16702	68108	LEAD	4	343	604	296	489
16705	68108	LEAD	4	321	376	280	320
16711	68108	LEAD	3	616	790	498	626
16712	68108	LEAD	4	285	420	253	353
16718	68108	LEAD	4	687	963	550	755
16720	68108	LEAD	4	276	602	246	487
16724	68108	LEAD	4	267	560	239	456
16730	68108	LEAD	5	151	228	154	211
16733	68108	LEAD	4	475	541	394	443
16735	68108	LEAD	4	446	547	372	447
16746	68108	LEAD	4	361	510	309	420
16756	68108	LEAD	5	129	257	137	232
16767	68108	LEAD	5	162	313	162	274
16768	68108	LEAD	5	80	122	101	132
16769	68108	LEAD	5	270	391	242	332

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16770	68108	LEAD	4	94	129	112	137
16771	68108	LEAD	3	589	842	478	665
16774	68108	LEAD	4	491	656	405	528
16776	68108	LEAD	4	199	274	189	244
16778	68108	LEAD	3	820	932	649	732
16780	68108	LEAD	4	331	472	287	391
16782	68108	LEAD	4	276	344	247	297
16786	68108	LEAD	4	184	302	178	266
16787	68108	LEAD	4	342	740	295	589
16789	68108	LEAD	4	253	336	229	291
16790	68108	LEAD	4	429	938	359	736
16795	68108	LEAD	4	249	340	226	294
16796	68108	LEAD	5	180	276	175	246
16797	68108	LEAD	4	230	398	212	336
16804	68108	LEAD	4	104	134	119	141
16805	68108	LEAD	5	398	649	336	522
16809	68108	LEAD	4	238	266	218	239
16813	68108	LEAD	3	390	479	331	397
16819	68108	LEAD	4	115	151	127	154
16822	68108	LEAD	4	600	782	486	621
16823	68108	LEAD	6	382	528	325	433
16833	68108	LEAD	4	318	454	278	378
16834	68108	LEAD	4	438	718	366	573
16837	68108	LEAD	4	351	712	302	569
16845	68108	LEAD	4	236	267	216	239
16846	68108	LEAD	4	591	823	480	651
16847	68108	LEAD	4	372	501	318	413
16848	68108	LEAD	5	141	184	146	178
16850	68108	LEAD	4	334	431	289	361
16852	68108	LEAD	5	263	403	236	340
16853	68108	LEAD	3	378	532	322	436
16854	68108	LEAD	4	726	954	580	748
16855	68108	LEAD	4	329	496	286	409
16856	68108	LEAD	4	223	286	207	254
16857	68108	LEAD	4	790	1690	627	1293
16863	68108	LEAD	3	88	111	107	124
16864	68108	LEAD	3	452	610	377	493
16868	68108	LEAD	4	315	459	275	382
16870	68108	LEAD	5	81	92	102	110
16872	68108	LEAD	4	250	351	227	302
16873	68108	LEAD	4	318	525	277	431
16878	68108	LEAD	3	182	320	177	278
16879	68108	LEAD	4	128	214	137	201
16883	68108	LEAD	5	257	370	232	316
16886	68108	LEAD	3	386	466	328	387

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
16894	68108	LEAD	3	565	847	460	669
16897	68108	LEAD	4	528	875	433	689
16898	68108	LEAD	4	280	390	249	331
16899	68108	LEAD	2	539	836	441	660
16902	68108	LEAD	4	234	434	215	364
16905	68108	LEAD	3	876	950	690	745
16908	68108	LEAD	4	220	294	205	260
16909	68108	LEAD	5	477	688	395	551
16910	68108	LEAD	4	405	700	342	560
16912	68108	LEAD	4	378	515	322	423
16914	68108	LEAD	4	474	623	393	503
16915	68108	LEAD	5	285	415	253	349
16927	68108	LEAD	4	305	377	268	321
16935	68108	LEAD	5	318	487	278	403
16948	68108	LEAD	4	524	691	430	553
16951	68108	LEAD	4	288	449	255	374
16952	68108	LEAD	4	593	635	481	512
16955	68108	LEAD	5	274	440	245	368
16964	68108	LEAD	5	280	617	249	498
16966	68108	LEAD	4	590	1366	478	1053
16968	68108	LEAD	4	98	143	115	148
16969	68108	LEAD	4	97	124	114	134
16972	68108	LEAD	4	382	738	324	588
16973	68108	LEAD	4	444	699	370	559
16979	68108	LEAD	4	324	435	282	364
16981	68108	LEAD	4	305	398	268	336
16987	68108	LEAD	4	265	390	238	330
16988	68108	LEAD	4	510	800	420	634
16989	68108	LEAD	4	447	944	373	740
16991	68108	LEAD	4	341	484	294	400
16993	68108	LEAD	4	229	360	212	308
16999	68108	LEAD	4	104	127	119	136
17003	68108	LEAD	5	104	181	119	176
17004	68108	LEAD	4	665	1248	534	966
17005	68108	LEAD	4	286	402	254	340
17008	68108	LEAD	4	148	189	152	182
17009	68108	LEAD	4	121	190	132	183
17013	68108	LEAD	5	334	410	289	345
17017	68108	LEAD	4	350	489	301	404
17018	68108	LEAD	4	70	113	93	125
17022	68108	LEAD	4	430	729	360	581
17024	68108	LEAD	4	121	194	131	186
17026	68108	LEAD	5	174	279	171	249
17027	68108	LEAD	4	101	151	117	153
17028	68108	LEAD	4	396	761	335	605

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17029	68108	LEAD	4	402	502	339	413
17031	68108	LEAD	4	503	697	414	557
17033	68108	LEAD	4	62	82	88	103
17035	68108	LEAD	4	588	687	477	550
17036	68108	LEAD	2	1682	2737	1286	2068
17037	68108	LEAD	4	101	160	117	160
17038	68108	LEAD	4	288	528	255	433
17045	68108	LEAD	5	307	404	269	341
17046	68108	LEAD	6	391	640	331	516
17047	68108	LEAD	4	450	699	375	559
17048	68108	LEAD	4	305	427	267	358
17049	68108	LEAD	4	158	199	159	189
17050	68108	LEAD	4	234	320	215	279
17054	68108	LEAD	4	276	370	246	316
17056	68108	LEAD	4	80	139	101	145
17060	68108	LEAD	4	113	156	126	157
17062	68108	LEAD	4	72	178	96	174
17066	68108	LEAD	5	288	436	255	364
17068	68108	LEAD	4	148	223	152	207
17070	68108	LEAD	5	250	369	227	315
17073	68108	LEAD	4	229	339	211	293
17075	68108	LEAD	4	200	425	190	356
17078	68108	LEAD	5	532	709	435	567
17079	68108	LEAD	4	371	428	317	359
17080	68108	LEAD	4	107	184	121	178
17083	68108	LEAD	4	517	931	424	731
17087	68108	LEAD	4	64	93	89	111
17092	68108	LEAD	3	555	648	453	521
17093	68108	LEAD	2	458	579	381	471
17094	68108	LEAD	4	567	671	462	538
17098	68108	LEAD	5	143	276	148	247
17101	68108	LEAD	5	329	905	286	712
17103	68108	LEAD	4	1019	2807	796	2119
17104	68108	LEAD	4	360	443	308	370
17106	68108	LEAD	4	476	686	394	550
17111	68108	LEAD	4	151	167	153	165
17112	68108	LEAD	4	426	627	357	506
17120	68108	LEAD	3	474	674	393	541
17121	68108	LEAD	2	571	906	465	713
17125	68108	LEAD	5	324	588	282	477
17126	68108	LEAD	3	360	428	309	359
17131	68108	LEAD	4	410	483	345	399
17137	68108	LEAD	4	426	753	357	599
17139	68108	LEAD	4	399	647	337	521
17141	68108	LEAD	4	287	464	255	385

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17146	68108	LEAD	4	364	632	312	510
17147	68108	LEAD	2	183	235	177	216
17148	68108	LEAD	4	490	714	405	570
17152	68108	LEAD	4	268	352	240	302
17156	68108	LEAD	2	89	93	108	111
17157	68108	LEAD	5	73	126	96	135
17159	68108	LEAD	5	248	354	225	304
17164	68108	LEAD	4	484	736	400	587
17170	68108	LEAD	2	443	509	370	419
17173	68108	LEAD	5	60	83	86	103
17180	68108	LEAD	4	274	508	244	418
17188	68108	LEAD	4	271	511	243	420
17194	68108	LEAD	3	233	272	214	244
17197	68108	LEAD	4	414	575	348	467
17200	68108	LEAD	4	352	442	303	369
17204	68108	LEAD	5	92	150	110	153
17205	68108	LEAD	4	305	380	268	323
17206	68108	LEAD	1	299	299	263	263
17210	68108	LEAD	4	339	674	293	541
17212	68108	LEAD	2	208	285	196	253
17218	68108	LEAD	4	109	130	123	138
17225	68108	LEAD	5	811	1498	642	1151
17230	68108	LEAD	4	246	443	224	370
17232	68108	LEAD	4	122	154	132	156
17233	68108	LEAD	2	283	312	251	273
17239	68108	LEAD	4	657	1332	528	1028
17242	68108	LEAD	4	2252	3149	1709	2372
17245	68108	LEAD	4	128	180	137	175
17246	68108	LEAD	4	236	396	217	335
17247	68108	LEAD	6	394	547	333	447
17251	68108	LEAD	4	335	556	290	454
17252	68108	LEAD	4	479	753	396	599
17253	68108	LEAD	4	102	146	117	150
17260	68108	LEAD	4	391	642	331	517
17263	68108	LEAD	4	346	488	298	403
17264	68108	LEAD	5	153	186	155	179
17265	68108	LEAD	2	137	180	144	175
17268	68108	LEAD	4	226	371	209	316
17273	68108	LEAD	4	225	387	209	329
17280	68108	LEAD	3	222	244	207	223
17282	68108	LEAD	4	152	190	155	183
17289	68108	LEAD	5	224	485	208	401
17291	68108	LEAD	5	478	832	396	658
17297	68108	LEAD	4	67	91	92	110
17299	68108	LEAD	1	702	702	561	561

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17301	68108	LEAD	4	115	143	127	148
17304	68108	LEAD	4	352	458	302	381
17308	68108	LEAD	4	85	103	105	118
17311	68108	LEAD	3	364	664	311	533
17316	68108	LEAD	3	309	362	271	310
17320	68108	LEAD	2	216	243	202	222
17321	68108	LEAD	4	387	678	329	544
17323	68108	LEAD	4	156	285	157	253
17324	68108	LEAD	4	377	527	321	432
17333	68108	LEAD	4	147	217	150	202
17335	68108	LEAD	4	187	313	180	274
17338	68108	LEAD	4	571	931	465	731
17339	68108	LEAD	3	386	428	327	359
17343	68108	LEAD	4	319	458	278	381
17347	68108	LEAD	3	258	324	233	282
17349	68108	LEAD	5	86	137	105	143
17353	68108	LEAD	1	402	402	340	340
17356	68108	LEAD	4	127	167	136	165
17360	68108	LEAD	4	301	633	264	510
17361	68108	LEAD	4	383	844	325	667
17365	68108	LEAD	2	301	363	264	310
17369	68108	LEAD	4	249	333	226	289
17372	68108	LEAD	4	82	135	103	142
17373	68108	LEAD	4	465	542	386	443
17377	68108	LEAD	4	399	650	337	523
17378	68108	LEAD	4	198	247	189	225
17381	68108	LEAD	5	90	147	109	151
17383	68108	LEAD	5	296	411	261	346
17385	68108	LEAD	4	668	935	536	734
17388	68108	LEAD	3	467	526	388	431
17389	68108	LEAD	5	320	500	279	412
17395	68108	LEAD	5	838	1887	662	1438
17397	68108	LEAD	5	419	525	352	430
17400	68108	LEAD	4	486	945	401	741
17401	68108	LEAD	3	369	395	315	334
17402	68108	LEAD	4	211	356	198	305
17403	68108	LEAD	4	442	491	369	405
17405	68108	LEAD	5	188	340	181	293
17408	68108	LEAD	4	98	134	115	141
17410	68108	LEAD	5	373	621	318	501
17411	68108	LEAD	4	234	253	215	229
17412	68108	LEAD	4	320	793	279	629
17414	68108	LEAD	5	332	573	287	466
17416	68108	LEAD	4	374	560	319	456
17417	68108	LEAD	3	453	744	377	593

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17418	68108	LEAD	5	369	785	315	623
17420	68108	LEAD	4	417	720	351	575
17422	68108	LEAD	4	490	871	404	687
17424	68108	LEAD	4	186	316	179	276
17431	68108	LEAD	4	181	247	176	225
17435	68108	LEAD	4	326	525	283	431
17439	68108	LEAD	4	373	540	318	441
17440	68108	LEAD	4	147	215	151	201
17444	68108	LEAD	4	895	1310	704	1011
17446	68108	LEAD	4	378	531	321	435
17447	68108	LEAD	4	186	260	180	234
17450	68108	LEAD	4	552	646	450	520
17451	68108	LEAD	4	240	322	219	280
17455	68108	LEAD	4	610	1387	494	1069
17460	68108	LEAD	5	530	798	434	632
17461	68108	LEAD	5	582	941	473	738
17465	68108	LEAD	4	266	418	239	351
17467	68108	LEAD	3	156	180	158	175
17470	68108	LEAD	3	129	185	137	179
17474	68108	LEAD	4	595	819	483	648
17478	68108	LEAD	4	341	555	294	453
17479	68108	LEAD	4	353	489	303	404
17481	68108	LEAD	4	159	296	159	261
17483	68108	LEAD	4	540	566	442	461
17488	68108	LEAD	3	283	372	252	317
17490	68108	LEAD	3	801	840	635	664
17492	68108	LEAD	2	183	184	178	178
17494	68108	LEAD	4	145	175	149	172
17496	68108	LEAD	4	646	769	520	611
17498	68108	LEAD	4	373	535	318	438
17507	68108	LEAD	4	301	383	265	326
17508	68108	LEAD	4	177	273	173	244
17509	68108	LEAD	5	218	252	203	228
17510	68108	LEAD	6	142	343	147	296
17512	68108	LEAD	4	362	491	310	405
17514	68108	LEAD	3	506	911	417	716
17515	68108	LEAD	4	208	233	196	214
17517	68108	LEAD	4	131	146	139	150
17524	68108	LEAD	3	85	127	105	136
17527	68108	LEAD	4	160	236	161	216
17528	68108	LEAD	5	115	221	127	206
17529	68108	LEAD	4	392	477	332	395
17531	68108	LEAD	4	388	441	329	368
17536	68108	LEAD	4	74	107	97	121
17538	68108	LEAD	5	121	198	132	189

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17539	68108	LEAD	4	895	2195	704	1666
17545	68108	LEAD	4	243	355	222	304
17547	68108	LEAD	4	310	448	271	373
17548	68108	LEAD	4	353	452	303	376
17549	68108	LEAD	4	146	183	150	177
17550	68108	LEAD	4	98	127	114	136
17553	68108	LEAD	4	369	382	315	325
17554	68108	LEAD	4	573	1147	466	891
17555	68108	LEAD	4	267	375	239	319
17556	68108	LEAD	5	248	484	226	400
17558	68108	LEAD	4	230	335	212	290
17563	68108	LEAD	2	174	181	171	176
17564	68108	LEAD	4	148	276	152	246
17565	68108	LEAD	4	170	248	168	225
17567	68108	LEAD	4	416	582	350	472
17577	68108	LEAD	3	395	629	334	508
17579	68108	LEAD	3	225	382	209	324
17580	68108	LEAD	1	253	253	229	229
17581	68108	LEAD	4	378	587	322	477
17582	68108	LEAD	4	550	974	449	762
17585	68108	LEAD	3	584	896	475	705
17586	68108	LEAD	3	552	898	451	706
17593	68108	LEAD	4	651	776	524	616
17595	68108	LEAD	5	687	881	551	694
17596	68108	LEAD	4	76	94	98	111
17599	68108	LEAD	5	202	251	191	228
17603	68108	LEAD	4	347	467	299	388
17607	68108	LEAD	4	279	383	249	326
17617	68108	LEAD	4	331	503	287	414
17620	68108	LEAD	3	380	513	323	422
17622	68108	LEAD	2	231	246	213	224
17623	68108	LEAD	3	459	643	382	518
17626	68108	LEAD	4	328	375	284	319
17630	68108	LEAD	3	272	370	243	316
17631	68108	LEAD	4	131	168	139	166
17635	68108	LEAD	4	237	325	217	283
17637	68108	LEAD	4	167	226	165	209
17639	68108	LEAD	4	116	169	128	167
17641	68108	LEAD	2	677	689	543	552
17643	68108	LEAD	3	320	549	279	448
17646	68108	LEAD	5	186	345	180	297
17650	68108	LEAD	4	152	316	154	276
17652	68108	LEAD	2	272	380	243	323
17657	68108	LEAD	5	193	229	184	212
17658	68108	LEAD	4	539	620	441	500

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17659	68108	LEAD	2	370	412	316	347
17663	68108	LEAD	4	218	423	203	355
17664	68108	LEAD	4	449	716	375	572
17665	68108	LEAD	4	284	464	252	385
17666	68108	LEAD	3	566	633	461	511
17670	68108	LEAD	3	487	596	402	483
17671	68108	LEAD	5	476	727	394	580
17674	68108	LEAD	3	515	587	423	476
17679	68108	LEAD	4	589	942	478	739
17689	68108	LEAD	4	507	849	417	670
17693	68108	LEAD	4	471	1167	390	905
17698	68108	LEAD	3	428	789	359	626
17699	68108	LEAD	4	218	518	204	425
17700	68108	LEAD	4	323	882	281	695
17701	68108	LEAD	4	209	353	197	303
17703	68108	LEAD	5	511	720	420	575
17705	68108	LEAD	4	75	109	97	122
17707	68108	LEAD	4	346	417	298	350
17708	68108	LEAD	4	622	758	502	603
17710	68108	LEAD	4	376	463	321	385
17711	68108	LEAD	4	474	613	393	495
17714	68108	LEAD	4	304	458	267	381
17715	68108	LEAD	4	146	274	150	245
17716	68108	LEAD	4	147	171	151	169
17721	68108	LEAD	4	401	624	338	504
17726	68108	LEAD	5	207	288	195	255
17730	68108	LEAD	4	239	321	219	279
17732	68108	LEAD	5	57	73	84	96
17740	68108	LEAD	4	343	679	296	544
17742	68108	LEAD	4	178	309	174	270
17744	68108	LEAD	5	232	325	214	282
17751	68108	LEAD	4	515	722	423	577
17754	68108	LEAD	5	451	763	376	607
17755	68108	LEAD	4	318	375	278	320
17759	68108	LEAD	3	147	219	151	204
17760	68108	LEAD	3	544	637	444	513
17761	68108	LEAD	4	374	589	318	478
17766	68108	LEAD	4	285	480	253	397
17771	68108	LEAD	4	202	427	191	358
17772	68108	LEAD	4	465	769	386	611
17774	68108	LEAD	4	207	254	195	230
17775	68108	LEAD	3	169	216	167	202
17776	68108	LEAD	2	69	109	93	123
17778	68108	LEAD	5	257	441	232	368
17782	68108	LEAD	4	537	732	440	584

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17784	68108	LEAD	4	394	595	334	482
17787	68108	LEAD	4	351	521	301	427
17792	68108	LEAD	2	335	349	290	300
17793	68108	LEAD	4	1191	2015	923	1533
17797	68108	LEAD	2	443	485	370	401
17799	68108	LEAD	4	226	409	209	345
17801	68108	LEAD	4	315	548	275	448
17804	68108	LEAD	4	111	222	124	206
17810	68108	LEAD	3	417	474	351	393
17811	68108	LEAD	2	418	508	351	418
17813	68108	LEAD	4	361	382	309	325
17815	68108	LEAD	4	340	686	294	550
17818	68108	LEAD	4	284	765	252	608
17819	68108	LEAD	5	331	470	287	390
17823	68108	LEAD	3	809	963	641	755
17828	68108	LEAD	4	574	863	467	681
17829	68108	LEAD	2	144	169	148	167
17830	68108	LEAD	3	834	1177	659	913
17832	68108	LEAD	5	323	403	281	340
17834	68108	LEAD	3	298	407	262	343
17835	68108	LEAD	5	467	1125	388	875
17836	68108	LEAD	4	390	830	330	657
17840	68108	LEAD	4	550	740	449	590
17843	68108	LEAD	5	434	644	363	518
17849	68108	LEAD	4	254	521	230	428
17851	68108	LEAD	4	358	436	307	364
17852	68108	LEAD	4	424	531	355	435
17857	68108	LEAD	5	299	434	263	363
17858	68108	LEAD	4	179	340	174	293
17859	68108	LEAD	4	238	311	218	272
17861	68108	LEAD	4	147	156	151	158
17862	68108	LEAD	4	116	137	128	144
17864	68108	LEAD	4	258	523	233	429
17865	68108	LEAD	5	255	321	231	279
17868	68108	LEAD	2	361	403	309	340
17872	68108	LEAD	4	266	477	239	395
17874	68108	LEAD	5	367	433	313	363
17879	68108	LEAD	4	334	473	289	392
17881	68108	LEAD	2	303	378	267	321
17882	68108	LEAD	4	444	613	370	496
17884	68108	LEAD	4	400	881	338	694
17886	68108	LEAD	3	249	373	226	318
17891	68108	LEAD	2	82	82	102	103
17895	68108	LEAD	4	449	739	374	589
17896	68108	LEAD	4	405	657	341	528

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
17904	68108	LEAD	4	381	610	324	493
17908	68108	LEAD	6	326	389	283	330
17911	68108	LEAD	4	426	452	357	376
17912	68108	LEAD	5	83	153	103	155
17914	68108	LEAD	3	476	602	394	487
17915	68108	LEAD	3	230	340	212	294
17916	68108	LEAD	4	210	291	197	257
17919	68108	LEAD	4	213	354	200	304
17922	68108	LEAD	4	395	599	334	485
17924	68108	LEAD	4	250	371	227	317
17925	68108	LEAD	4	502	623	414	503
17931	68108	LEAD	4	433	668	362	536
17936	68108	LEAD	3	402	462	339	384
17940	68108	LEAD	2	300	353	264	303
17941	68108	LEAD	4	360	515	309	423
17945	68108	LEAD	4	173	303	170	266
17947	68108	LEAD	4	409	482	344	398
17949	68108	LEAD	4	279	363	249	311
17953	68108	LEAD	4	362	655	310	527
17956	68108	LEAD	4	161	315	161	275
17958	68108	LEAD	4	445	814	371	645
17963	68108	LEAD	4	719	1258	574	973
17965	68108	LEAD	5	291	484	258	400
17968	68108	LEAD	4	503	768	414	610
17971	68108	LEAD	4	304	455	267	379
17972	68108	LEAD	3	218	291	204	257
17980	68108	LEAD	4	700	819	560	648
17981	68108	LEAD	2	332	394	288	333
17985	68108	LEAD	6	356	711	305	568
17987	68108	LEAD	3	310	350	271	301
17989	68108	LEAD	4	205	217	194	202
18010	68108	LEAD	5	479	801	397	635
18016	68108	LEAD	4	410	462	345	384
18022	68108	LEAD	4	343	517	296	424
18032	68108	LEAD	4	751	1099	598	855
18037	68108	LEAD	3	205	270	194	242
18038	68108	LEAD	4	303	645	266	519
18050	68108	LEAD	4	352	906	302	712
18061	68108	LEAD	2	503	846	415	668
18063	68108	LEAD	4	375	554	319	452
18066	68108	LEAD	4	604	867	489	683
18069	68108	LEAD	4	140	263	145	237
18070	68108	LEAD	4	302	454	265	378
18075	68108	LEAD	4	209	234	197	215
18077	68108	LEAD	4	255	419	231	352

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18079	68108	LEAD	3	786	1135	624	882
18082	68108	LEAD	4	180	201	175	191
18084	68108	LEAD	4	356	550	306	449
18087	68108	LEAD	4	363	700	311	560
18089	68108	LEAD	4	236	324	217	282
18090	68108	LEAD	4	417	595	350	482
18091	68108	LEAD	4	472	705	392	563
18093	68108	LEAD	3	317	329	276	286
18096	68108	LEAD	3	750	840	597	664
18098	68108	LEAD	3	426	895	357	705
18100	68108	LEAD	4	111	189	124	182
18103	68108	LEAD	4	496	679	409	545
18106	68108	LEAD	4	285	404	253	341
18108	68108	LEAD	4	282	475	250	394
18109	68108	LEAD	4	248	388	226	329
18111	68108	LEAD	3	549	621	448	501
18112	68108	LEAD	5	240	316	220	276
18113	68108	LEAD	4	507	903	417	710
18115	68108	LEAD	4	334	476	289	394
18116	68108	LEAD	4	581	874	472	689
18119	68108	LEAD	3	478	710	395	567
18123	68108	LEAD	4	372	537	317	440
18126	68108	LEAD	5	506	872	417	687
18127	68108	LEAD	3	453	549	378	448
18129	68108	LEAD	4	548	909	447	715
18130	68108	LEAD	4	633	859	511	678
18131	68108	LEAD	4	686	1015	550	793
18135	68108	LEAD	3	552	635	451	512
18136	68108	LEAD	4	632	775	510	616
18139	68108	LEAD	4	361	701	309	561
18140	68108	LEAD	2	185	211	179	198
18141	68108	LEAD	4	788	1083	625	844
18142	68108	LEAD	3	469	603	389	488
18146	68108	LEAD	4	482	892	398	702
18148	68108	LEAD	4	228	311	211	272
18149	68108	LEAD	4	918	1094	722	852
18150	68108	LEAD	2	160	165	161	164
18154	68108	LEAD	4	509	757	419	602
18159	68108	LEAD	3	267	323	240	281
18160	68108	LEAD	4	380	424	323	356
18163	68108	LEAD	5	709	1156	567	897
18166	68108	LEAD	4	436	916	365	720
18168	68108	LEAD	4	366	581	313	472
18176	68108	LEAD	2	437	440	365	368
18179	68108	LEAD	4	373	520	318	427

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18185	68108	LEAD	3	396	532	335	436
18188	68108	LEAD	3	414	459	349	382
18191	68108	LEAD	4	368	429	314	360
18194	68108	LEAD	3	344	507	297	417
18195	68108	LEAD	3	181	254	176	230
18196	68108	LEAD	2	730	870	582	686
18198	68108	LEAD	4	229	271	212	243
18199	68108	LEAD	4	569	676	463	542
18201	68108	LEAD	4	239	346	219	298
18202	68108	LEAD	3	440	580	368	471
18205	68108	LEAD	4	348	542	299	443
18209	68108	LEAD	4	360	429	308	360
18211	68108	LEAD	4	258	302	233	266
18212	68108	LEAD	4	337	500	291	412
18213	68108	LEAD	5	285	313	253	273
18215	68108	LEAD	4	512	685	421	549
18217	68108	LEAD	2	317	390	276	331
18218	68108	LEAD	4	598	943	484	740
18219	68108	LEAD	4	412	548	347	447
18221	68108	LEAD	4	557	617	454	498
18222	68108	LEAD	4	701	917	561	721
18228	68108	LEAD	4	292	347	258	299
18231	68108	LEAD	4	111	200	124	190
18234	68108	LEAD	5	269	469	241	389
18235	68108	LEAD	5	286	546	253	446
18238	68108	LEAD	3	634	901	511	709
18241	68108	LEAD	3	520	766	427	609
18242	68108	LEAD	4	538	871	440	687
18244	68108	LEAD	3	381	687	324	551
18245	68108	LEAD	4	323	363	281	310
18246	68108	LEAD	5	577	625	469	504
18249	68108	LEAD	3	305	423	268	355
18253	68108	LEAD	4	420	516	353	424
18254	68108	LEAD	4	139	186	145	179
18255	68108	LEAD	4	186	265	179	238
18256	68108	LEAD	3	339	398	293	337
18257	68108	LEAD	5	342	794	295	629
18259	68108	LEAD	4	286	507	254	417
18263	68108	LEAD	3	480	546	397	446
18264	68108	LEAD	4	591	726	480	579
18271	68108	LEAD	4	302	438	266	366
18272	68108	LEAD	4	362	442	310	369
18275	68108	LEAD	4	245	307	223	269
18276	68108	LEAD	3	338	421	292	354
18277	68108	LEAD	4	339	439	293	367

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18278	68108	LEAD	4	553	736	451	587
18280	68108	LEAD	3	477	653	395	525
18282	68108	LEAD	4	518	1138	425	884
18283	68108	LEAD	3	307	471	269	390
18286	68108	LEAD	5	464	731	386	583
18288	68108	LEAD	2	463	468	385	388
18289	68108	LEAD	4	437	564	365	459
18296	68108	LEAD	4	466	519	387	426
18305	68108	LEAD	4	251	319	227	278
18307	68108	LEAD	1	269	269	241	241
18308	68108	LEAD	4	310	412	272	347
18309	68108	LEAD	5	360	679	308	544
18310	68108	LEAD	4	323	469	281	389
18314	68108	LEAD	3	293	347	259	299
18315	68108	LEAD	4	355	442	305	369
18316	68108	LEAD	4	369	644	315	518
18317	68108	LEAD	4	515	617	423	499
18318	68108	LEAD	4	946	1524	742	1170
18319	68108	LEAD	4	350	531	301	435
18322	68108	LEAD	2	721	1007	575	787
18325	68108	LEAD	4	545	862	446	680
18326	68108	LEAD	4	549	749	448	597
18327	68108	LEAD	3	243	404	222	341
18328	68108	LEAD	3	336	629	291	508
18330	68108	LEAD	3	615	720	497	575
18331	68108	LEAD	4	357	408	306	344
18339	68108	LEAD	4	365	531	312	435
18340	68108	LEAD	2	298	376	263	321
18341	68108	LEAD	4	299	468	263	388
18343	68108	LEAD	4	1389	3136	1070	2362
18345	68108	LEAD	4	683	951	548	745
18348	68108	LEAD	4	356	607	305	491
18350	68108	LEAD	4	438	556	366	454
18357	68108	LEAD	4	405	412	342	347
18361	68108	LEAD	5	472	666	391	535
18366	68108	LEAD	4	718	807	574	639
18367	68108	LEAD	5	537	797	440	632
18373	68108	LEAD	4	280	457	249	380
18375	68108	LEAD	4	345	501	297	413
18377	68108	LEAD	4	321	439	280	367
18379	68108	LEAD	4	699	834	559	659
18380	68108	LEAD	4	471	567	391	462
18384	68108	LEAD	4	331	603	287	489
18385	68108	LEAD	4	1041	1768	812	1350
18386	68108	LEAD	4	211	349	198	300

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18388	68108	LEAD	3	164	224	164	208
18390	68108	LEAD	1	64	64	90	90
18391	68108	LEAD	4	349	584	300	474
18392	68108	LEAD	4	122	203	133	192
18394	68108	LEAD	4	173	298	170	262
18397	68108	LEAD	4	359	551	308	450
18399	68108	LEAD	4	440	592	368	480
18400	68108	LEAD	5	107	134	121	141
18404	68108	LEAD	4	141	201	146	191
18414	68108	LEAD	1	543	543	444	444
18416	68108	LEAD	1	701	701	561	561
18420	68108	LEAD	5	176	266	172	239
18422	68108	LEAD	5	510	703	420	562
18423	68108	LEAD	3	567	751	461	598
18424	68108	LEAD	4	541	794	442	630
18428	68108	LEAD	2	429	690	360	553
18430	68108	LEAD	3	358	532	307	436
18433	68108	LEAD	4	401	556	339	454
18435	68108	LEAD	4	272	339	243	293
18436	68108	LEAD	4	435	630	364	508
18437	68108	LEAD	4	412	559	347	456
18438	68108	LEAD	3	1118	2396	869	1815
18439	68108	LEAD	2	474	539	392	441
18440	68108	LEAD	4	488	721	403	576
18441	68108	LEAD	3	448	752	374	599
18446	68108	LEAD	4	576	749	468	596
18447	68108	LEAD	3	538	705	440	564
18448	68108	LEAD	4	579	918	471	722
18449	68108	LEAD	3	365	477	312	395
18450	68108	LEAD	2	501	545	413	446
18451	68108	LEAD	4	277	359	247	308
18456	68108	LEAD	5	142	164	147	163
18461	68108	LEAD	3	229	319	212	278
18467	68108	LEAD	2	451	537	376	439
18468	68108	LEAD	4	298	395	262	335
18471	68108	LEAD	1	456	456	379	379
18475	68108	LEAD	4	536	872	438	687
18476	68108	LEAD	4	1177	2376	913	1800
18477	68108	LEAD	4	461	631	383	509
18483	68108	LEAD	4	424	506	356	416
18484	68108	LEAD	5	262	598	236	484
18486	68108	LEAD	3	391	925	331	727
18487	68108	LEAD	4	361	519	309	426
18488	68108	LEAD	4	473	864	392	681
18492	68108	LEAD	4	454	793	378	629

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18494	68108	LEAD	5	266	361	239	309
18497	68108	LEAD	4	454	705	378	564
18498	68108	LEAD	5	434	562	363	458
18501	68108	LEAD	4	275	309	245	271
18502	68108	LEAD	4	440	574	368	467
18504	68108	LEAD	4	456	861	380	679
18506	68108	LEAD	4	625	1120	504	870
18509	68108	LEAD	4	240	318	220	277
18510	68108	LEAD	3	728	1027	581	802
18512	68108	LEAD	4	115	177	127	173
18515	68108	LEAD	4	577	806	469	639
18518	68108	LEAD	4	431	804	361	637
18519	68108	LEAD	5	255	357	231	306
18521	68108	LEAD	4	244	533	223	437
18522	68108	LEAD	2	541	570	442	464
18526	68108	LEAD	4	236	304	217	267
18530	68108	LEAD	4	219	291	204	257
18532	68108	LEAD	4	277	357	247	306
18533	68108	LEAD	2	233	308	215	270
18535	68108	LEAD	5	477	766	395	608
18536	68108	LEAD	3	584	767	474	609
18537	68108	LEAD	4	172	198	170	188
18539	68108	LEAD	4	279	390	249	331
18540	68108	LEAD	4	262	402	236	339
18541	68108	LEAD	4	454	709	378	567
18542	68108	LEAD	4	247	281	225	250
18543	68108	LEAD	4	417	499	351	412
18547	68108	LEAD	5	245	512	223	421
18549	68108	LEAD	3	218	401	203	339
18551	68108	LEAD	5	462	645	384	519
18552	68108	LEAD	3	303	508	266	418
18554	68108	LEAD	2	463	536	385	438
18556	68108	LEAD	4	528	694	433	556
18566	68108	LEAD	4	291	326	257	283
18567	68108	LEAD	4	653	787	525	624
18568	68108	LEAD	4	495	656	408	527
18569	68108	LEAD	4	349	554	300	452
18571	68108	LEAD	4	350	643	301	518
18572	68108	LEAD	4	811	1068	643	832
18576	68108	LEAD	4	320	395	279	334
18579	68108	LEAD	2	184	226	178	210
18582	68108	LEAD	4	159	211	160	198
18585	68108	LEAD	4	376	423	320	355
18594	68108	LEAD	4	245	329	224	286
18595	68108	LEAD	3	370	553	315	451

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18597	68108	LEAD	4	495	615	408	497
18599	68108	LEAD	3	668	834	536	659
18603	68108	LEAD	5	183	262	177	236
18605	68108	LEAD	5	298	396	262	335
18609	68108	LEAD	4	460	954	382	748
18611	68108	LEAD	2	791	878	627	691
18614	68108	LEAD	3	255	390	231	330
18619	68108	LEAD	4	629	936	508	735
18622	68108	LEAD	5	538	958	440	751
18627	68108	LEAD	5	172	319	170	278
18629	68108	LEAD	4	453	749	378	596
18630	68108	LEAD	4	277	365	247	312
18631	68108	LEAD	4	264	394	237	334
18632	68108	LEAD	4	315	404	275	341
18634	68108	LEAD	4	736	1014	587	793
18636	68108	LEAD	4	369	505	315	415
18637	68108	LEAD	3	378	535	322	438
18638	68108	LEAD	4	471	655	390	527
18642	68108	LEAD	4	239	468	219	389
18651	68108	LEAD	4	304	433	267	362
18653	68108	LEAD	4	210	292	198	258
18658	68108	LEAD	5	445	589	371	478
18662	68108	LEAD	4	191	280	183	249
18664	68108	LEAD	3	247	345	225	297
18670	68108	LEAD	3	185	301	179	265
18674	68108	LEAD	4	383	570	325	464
18675	68108	LEAD	4	226	319	209	278
18678	68108	LEAD	4	457	631	380	509
18681	68108	LEAD	4	406	701	342	561
18682	68108	LEAD	4	389	648	330	521
18687	68108	LEAD	4	392	750	332	597
18691	68108	LEAD	4	185	227	179	210
18692	68108	LEAD	5	440	559	367	456
18694	68108	LEAD	4	373	457	318	380
18696	68108	LEAD	4	219	486	204	401
18697	68108	LEAD	4	585	1255	475	970
18698	68108	LEAD	4	438	675	366	542
18699	68108	LEAD	4	387	540	328	441
18700	68108	LEAD	4	622	1298	502	1003
18701	68108	LEAD	4	278	525	248	430
18702	68108	LEAD	3	406	575	343	467
18703	68108	LEAD	4	504	899	415	708
18704	68108	LEAD	4	443	560	370	457
18706	68108	LEAD	4	394	529	334	434
18707	68108	LEAD	3	396	671	335	539

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18709	68108	LEAD	4	379	573	323	466
18710	68108	LEAD	4	141	243	147	222
18711	68108	LEAD	4	491	814	406	644
18712	68108	LEAD	4	170	238	168	218
18713	68108	LEAD	3	407	530	343	434
18716	68108	LEAD	3	248	587	226	476
18718	68108	LEAD	4	175	183	172	177
18720	68108	LEAD	4	374	570	319	464
18721	68108	LEAD	4	344	506	297	416
18724	68108	LEAD	5	384	566	326	461
18725	68108	LEAD	4	613	913	495	718
18726	68108	LEAD	4	206	282	195	251
18731	68108	LEAD	2	590	647	478	521
18732	68108	LEAD	2	342	427	295	358
18742	68108	LEAD	4	442	784	369	622
18748	68108	LEAD	5	364	630	311	508
18749	68108	LEAD	4	244	409	223	344
18751	68108	LEAD	3	363	444	311	371
18756	68108	LEAD	4	502	613	413	495
18758	68108	LEAD	5	341	618	295	499
18760	68108	LEAD	2	285	406	253	343
18761	68108	LEAD	4	270	356	242	305
18766	68108	LEAD	2	175	267	171	239
18768	68108	LEAD	1	743	743	592	592
18771	68108	LEAD	5	504	778	415	618
18772	68108	LEAD	2	363	381	310	324
18774	68108	LEAD	6	307	466	269	387
18779	68108	LEAD	5	457	592	381	480
18780	68108	LEAD	4	478	817	396	646
18781	68108	LEAD	4	290	465	257	386
18784	68108	LEAD	4	338	550	292	449
18788	68108	LEAD	4	549	637	448	513
18793	68108	LEAD	3	681	709	546	567
18794	68108	LEAD	2	430	472	360	392
18799	68108	LEAD	4	304	390	267	330
18800	68108	LEAD	3	535	772	438	613
18802	68108	LEAD	4	382	488	324	403
18803	68108	LEAD	4	494	648	407	521
18805	68108	LEAD	4	618	1544	500	1185
18808	68108	LEAD	2	494	549	408	449
18809	68108	LEAD	4	80	118	101	130
18811	68108	LEAD	4	317	349	277	300
18814	68108	LEAD	2	142	165	147	164
18816	68108	LEAD	4	77	193	99	185
18818	68108	LEAD	4	499	684	412	548

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18819	68108	LEAD	4	480	613	397	495
18821	68108	LEAD	4	836	2231	661	1693
18822	68108	LEAD	3	214	299	200	263
18826	68108	LEAD	5	426	708	357	566
18832	68108	LEAD	2	654	781	526	620
18833	68108	LEAD	4	513	759	422	604
18836	68108	LEAD	4	417	619	351	500
18837	68108	LEAD	6	308	485	270	401
18838	68108	LEAD	4	333	445	289	371
18843	68108	LEAD	4	401	552	339	451
18844	68108	LEAD	3	358	523	307	429
18845	68108	LEAD	3	510	954	419	748
18849	68108	LEAD	4	838	1779	662	1359
18851	68108	LEAD	2	565	739	460	589
18852	68108	LEAD	2	239	262	219	236
18854	68108	LEAD	4	309	445	271	371
18855	68108	LEAD	4	320	494	279	408
18860	68108	LEAD	2	550	603	449	488
18862	68108	LEAD	3	618	709	499	567
18864	68108	LEAD	4	341	618	295	499
18867	68108	LEAD	3	467	536	388	438
18872	68108	LEAD	4	128	178	137	174
18875	68108	LEAD	4	64	83	90	103
18879	68108	LEAD	2	332	381	288	324
18885	68108	LEAD	5	272	382	243	325
18890	68108	LEAD	4	509	862	418	680
18892	68108	LEAD	4	1059	2741	826	2070
18893	68108	LEAD	4	380	838	323	662
18896	68108	LEAD	4	267	307	240	269
18899	68108	LEAD	4	643	667	518	536
18903	68108	LEAD	1	354	354	304	304
18914	68108	LEAD	4	311	461	272	383
18922	68108	LEAD	4	191	247	183	225
18924	68108	LEAD	3	354	436	304	365
18933	68108	LEAD	4	297	396	262	335
18936	68108	LEAD	5	678	1514	543	1162
18939	68108	LEAD	2	325	390	282	330
18940	68108	LEAD	4	112	141	125	146
18941	68108	LEAD	4	487	704	402	563
18943	68108	LEAD	4	311	361	272	309
18944	68108	LEAD	2	515	633	423	511
18945	68108	LEAD	4	188	289	181	256
18946	68108	LEAD	4	534	851	437	671
18947	68108	LEAD	3	174	212	171	199
18950	68108	LEAD	4	375	492	319	406

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
18951	68108	LEAD	4	199	384	189	326
18953	68108	LEAD	3	226	384	209	326
18956	68108	LEAD	5	502	866	414	683
18960	68108	LEAD	5	492	785	406	623
18962	68108	LEAD	4	495	693	408	554
18965	68108	LEAD	4	117	164	129	163
18968	68108	LEAD	4	381	576	324	468
18972	68108	LEAD	5	163	248	163	226
18974	68108	LEAD	4	146	212	150	199
18975	68108	LEAD	4	364	700	312	560
18976	68108	LEAD	4	478	767	396	610
18977	68108	LEAD	5	286	807	253	639
18978	68108	LEAD	4	251	431	228	361
18981	68108	LEAD	3	214	325	200	283
18982	68108	LEAD	4	210	371	198	317
18984	68108	LEAD	4	94	141	112	146
18985	68108	LEAD	4	133	173	140	170
18988	68108	LEAD	5	329	448	285	373
18990	68108	LEAD	2	756	827	601	654
18991	68108	LEAD	2	507	576	417	468
18992	68108	LEAD	4	572	705	465	563
18994	68108	LEAD	4	304	363	267	311
18995	68108	LEAD	4	566	715	461	571
18998	68108	LEAD	3	279	403	249	340
19002	68108	LEAD	4	641	1334	516	1029
19005	68108	LEAD	4	171	228	169	211
19007	68108	LEAD	4	63	107	89	121
19008	68108	LEAD	3	578	802	470	635
19010	68108	LEAD	4	440	488	368	403
19011	68108	LEAD	2	154	186	156	180
19012	68108	LEAD	4	471	755	391	600
19018	68108	LEAD	4	359	548	308	448
19019	68108	LEAD	5	337	650	291	523
19021	68108	LEAD	4	556	694	454	555
19029	68108	LEAD	4	194	245	186	223
19030	68108	LEAD	2	783	948	621	744
19033	68108	LEAD	4	444	769	370	611
19038	68108	LEAD	5	261	398	235	337
19041	68108	LEAD	4	606	942	490	739
19044	68108	LEAD	5	386	642	328	517
19045	68108	LEAD	2	430	488	360	403
19048	68108	LEAD	4	315	395	275	334
19054	68108	LEAD	3	181	280	176	249
19058	68108	LEAD	4	477	512	395	421
19059	68108	LEAD	4	507	652	417	524

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19063	68108	LEAD	3	281	370	250	316
19064	68108	LEAD	4	291	545	257	445
19069	68108	LEAD	2	92	103	110	119
19071	68108	LEAD	5	105	194	120	186
19072	68108	LEAD	4	180	311	175	272
19073	68108	LEAD	4	847	1423	669	1095
19074	68108	LEAD	4	201	424	191	356
19076	68108	LEAD	4	575	659	468	530
19078	68108	LEAD	3	477	697	395	558
19079	68108	LEAD	3	568	647	462	521
19082	68108	LEAD	3	424	549	356	448
19084	68108	LEAD	4	472	777	391	617
19085	68108	LEAD	5	202	520	191	427
19086	68108	LEAD	3	442	474	369	393
19088	68108	LEAD	4	282	392	251	332
19090	68108	LEAD	4	255	392	230	332
19091	68108	LEAD	3	397	525	336	430
19093	68108	LEAD	4	592	842	480	665
19094	68108	LEAD	2	382	457	325	380
19095	68108	LEAD	4	409	617	344	498
19096	68108	LEAD	4	183	235	177	216
19097	68108	LEAD	4	261	378	235	322
19098	68108	LEAD	4	222	265	206	238
19099	68108	LEAD	4	380	627	323	506
19103	68108	LEAD	4	774	827	615	654
19111	68108	LEAD	2	292	399	258	337
19115	68108	LEAD	4	159	199	159	189
19116	68108	LEAD	3	377	605	321	489
19117	68108	LEAD	4	136	202	143	191
19119	68108	LEAD	5	399	656	337	528
19122	68108	LEAD	4	478	821	395	649
19125	68108	LEAD	4	245	297	223	262
19126	68108	LEAD	2	243	257	222	232
19130	68108	LEAD	2	170	172	168	169
19136	68108	LEAD	5	116	161	128	161
19138	68108	LEAD	4	142	296	147	261
19140	68108	LEAD	2	263	265	237	238
19144	68108	LEAD	4	210	264	197	238
19151	68108	LEAD	6	248	416	225	350
19153	68108	LEAD	4	293	499	259	411
19157	68108	LEAD	4	374	885	319	697
19159	68108	LEAD	4	326	428	283	358
19161	68108	LEAD	4	283	387	251	328
19164	68108	LEAD	4	577	825	469	653
19170	68108	LEAD	5	496	986	409	772

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19173	68108	LEAD	4	536	646	439	520
19175	68108	LEAD	1	568	568	462	462
19179	68108	LEAD	5	88	160	107	161
19182	68108	LEAD	3	296	438	261	366
19183	68108	LEAD	2	797	1139	632	885
19187	68108	LEAD	4	980	1336	767	1031
19188	68108	LEAD	4	333	416	289	350
19190	68108	LEAD	4	790	1339	626	1033
19191	68108	LEAD	5	421	661	354	531
19193	68108	LEAD	4	557	835	454	660
19194	68108	LEAD	5	184	194	178	186
19195	68108	LEAD	4	493	811	407	642
19197	68108	LEAD	3	226	233	209	214
19198	68108	LEAD	4	629	917	508	721
19199	68108	LEAD	3	300	355	264	305
19201	68108	LEAD	4	381	589	324	478
19203	68108	LEAD	4	424	603	356	488
19205	68108	LEAD	2	196	256	187	232
19206	68108	LEAD	3	116	149	128	152
19207	68108	LEAD	2	248	267	225	239
19209	68108	LEAD	4	235	357	216	306
19210	68108	LEAD	2	411	477	346	395
19211	68108	LEAD	3	294	436	260	364
19212	68108	LEAD	4	326	506	283	417
19214	68108	LEAD	4	311	477	272	395
19224	68108	LEAD	4	374	405	319	342
19243	68108	LEAD	3	180	255	176	231
19244	68108	LEAD	4	488	710	403	567
19247	68108	LEAD	3	407	557	343	454
19251	68108	LEAD	4	330	749	286	596
19254	68108	LEAD	4	463	584	384	474
19255	68108	LEAD	3	248	306	226	269
19256	68108	LEAD	4	482	583	398	473
19258	68108	LEAD	3	332	518	287	426
19262	68108	LEAD	3	683	810	547	641
19264	68108	LEAD	5	571	895	465	704
19268	68108	LEAD	4	408	522	344	428
19269	68108	LEAD	4	559	763	455	607
19276	68108	LEAD	5	369	523	315	429
19277	68108	LEAD	4	402	689	340	552
19279	68108	LEAD	2	410	456	346	380
19280	68108	LEAD	5	273	341	244	295
19281	68108	LEAD	5	518	708	425	566
19289	68108	LEAD	4	279	350	249	301
19290	68108	LEAD	1	413	413	348	348

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19292	68108	LEAD	4	452	676	377	542
19294	68108	LEAD	5	257	409	232	345
19299	68108	LEAD	4	238	245	218	223
19301	68108	LEAD	4	186	233	180	214
19312	68108	LEAD	4	378	700	321	560
19313	68108	LEAD	4	765	1115	608	867
19315	68108	LEAD	4	640	780	516	619
19330	68108	LEAD	2	583	663	474	533
19341	68108	LEAD	4	416	736	350	587
19343	68108	LEAD	3	499	597	412	484
19347	68108	LEAD	4	440	626	367	505
19349	68108	LEAD	4	401	576	339	468
19351	68108	LEAD	5	382	487	324	402
19355	68108	LEAD	5	504	734	415	585
19357	68108	LEAD	1	352	352	302	302
19362	68108	LEAD	2	375	472	319	391
19367	68108	LEAD	4	360	444	309	371
19369	68108	LEAD	4	605	777	490	617
19371	68108	LEAD	4	100	186	116	180
19373	68108	LEAD	4	490	732	405	584
19374	68108	LEAD	4	453	810	378	641
19375	68108	LEAD	2	354	439	304	367
19376	68108	LEAD	5	544	797	445	631
19379	68108	LEAD	4	502	636	414	513
19381	68108	LEAD	4	277	356	247	305
19383	68108	LEAD	5	240	285	220	253
19385	68108	LEAD	3	308	472	270	391
19388	68108	LEAD	3	664	838	534	662
19389	68108	LEAD	6	321	517	280	425
19390	68108	LEAD	3	257	505	232	415
19391	68108	LEAD	4	477	632	395	509
19394	68108	LEAD	4	1284	2905	992	2192
19395	68108	LEAD	4	630	720	508	574
19396	68108	LEAD	4	528	839	433	663
19399	68108	LEAD	4	589	622	478	502
19402	68108	LEAD	4	297	363	261	311
19404	68108	LEAD	4	348	651	299	524
19406	68108	LEAD	3	533	622	436	502
19407	68108	LEAD	2	330	409	286	345
19411	68108	LEAD	4	583	768	473	610
19414	68108	LEAD	3	358	440	307	367
19416	68108	LEAD	4	304	542	267	443
19417	68108	LEAD	4	601	731	487	583
19419	68108	LEAD	4	174	323	171	281
19426	68108	LEAD	4	715	1563	571	1199

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19429	68108	LEAD	4	411	554	346	452
19430	68108	LEAD	3	732	851	584	672
19440	68108	LEAD	4	277	384	247	326
19444	68108	LEAD	5	199	287	189	255
19449	68108	LEAD	3	903	958	710	751
19450	68108	LEAD	4	124	191	133	183
19455	68108	LEAD	3	209	333	197	288
19460	68108	LEAD	4	490	787	405	624
19464	68108	LEAD	3	236	302	217	266
19465	68108	LEAD	5	301	389	265	330
19466	68108	LEAD	6	457	858	380	677
19467	68108	LEAD	5	258	354	233	304
19468	68108	LEAD	4	411	543	346	444
19470	68108	LEAD	5	261	491	235	405
19472	68108	LEAD	4	223	250	207	227
19473	68108	LEAD	3	415	491	349	405
19474	68108	LEAD	4	388	584	329	474
19475	68108	LEAD	2	304	350	267	301
19493	68108	LEAD	4	132	176	140	172
19498	68108	LEAD	4	1364	1833	1051	1398
19503	68108	LEAD	4	200	274	190	245
19506	68108	LEAD	5	302	486	265	402
19509	68108	LEAD	4	338	460	292	383
19512	68108	LEAD	3	395	516	334	424
19513	68108	LEAD	4	570	674	464	541
19514	68108	LEAD	4	201	328	191	285
19515	68108	LEAD	4	259	302	233	266
19519	68108	LEAD	4	616	727	498	580
19521	68108	LEAD	4	158	242	159	221
19522	68108	LEAD	3	322	410	280	345
19526	68108	LEAD	5	228	485	211	401
19533	68108	LEAD	4	233	393	215	333
19535	68108	LEAD	3	416	548	349	447
19545	68108	LEAD	2	62	92	88	110
19546	68108	LEAD	4	54	88	82	107
19549	68108	LEAD	4	239	505	219	416
19553	68108	LEAD	4	442	631	369	509
19554	68108	LEAD	3	646	829	520	656
19557	68108	LEAD	4	595	711	482	568
19563	68108	LEAD	2	1641	2680	1256	2025
19564	68108	LEAD	2	372	454	317	378
19565	68108	LEAD	5	510	682	419	547
19566	68108	LEAD	2	722	822	577	650
19570	68108	LEAD	4	278	457	248	380
19571	68108	LEAD	5	494	679	407	545

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19573	68108	LEAD	4	173	208	170	196
19574	68108	LEAD	3	590	613	478	496
19579	68108	LEAD	4	451	601	376	487
19581	68108	LEAD	4	347	388	299	329
19584	68108	LEAD	4	573	1363	466	1050
19586	68108	LEAD	4	362	814	310	645
19590	68108	LEAD	4	525	582	431	473
19595	68108	LEAD	4	439	687	367	551
19597	68108	LEAD	4	300	460	264	382
19600	68108	LEAD	4	272	389	243	330
19603	68108	LEAD	2	727	817	580	647
19617	68108	LEAD	2	243	251	222	228
19622	68108	LEAD	4	245	342	223	295
19623	68108	LEAD	4	363	539	311	441
19624	68108	LEAD	4	163	329	162	285
19627	68108	LEAD	2	122	155	132	157
19628	68108	LEAD	4	484	572	400	465
19630	68108	LEAD	4	239	466	219	387
19632	68108	LEAD	4	419	738	352	588
19633	68108	LEAD	4	284	373	252	318
19634	68108	LEAD	4	317	621	277	501
19637	68108	LEAD	4	409	648	345	521
19639	68108	LEAD	5	199	562	189	458
19640	68108	LEAD	4	133	175	140	171
19643	68108	LEAD	4	85	153	105	155
19644	68108	LEAD	3	268	326	241	283
19650	68108	LEAD	4	347	772	299	613
19651	68108	LEAD	4	222	322	206	280
19652	68108	LEAD	4	285	355	253	304
19653	68108	LEAD	3	379	696	322	557
19654	68108	LEAD	4	415	537	349	439
19656	68108	LEAD	4	141	198	146	189
19660	68108	LEAD	4	277	466	247	386
19661	68108	LEAD	4	659	908	529	714
19662	68108	LEAD	4	335	445	290	371
19665	68108	LEAD	3	326	383	283	325
19674	68108	LEAD	3	497	557	410	454
19680	68108	LEAD	4	87	126	106	135
19684	68108	LEAD	4	362	505	310	416
19687	68108	LEAD	4	441	721	368	576
19689	68108	LEAD	2	260	324	234	282
19694	68108	LEAD	5	95	120	112	131
19698	68108	LEAD	5	389	577	330	469
19699	68108	LEAD	4	291	361	257	309
19701	68108	LEAD	4	491	782	405	620

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19703	68108	LEAD	4	383	456	325	379
19704	68108	LEAD	4	508	732	418	584
19707	68108	LEAD	3	325	441	282	369
19709	68108	LEAD	3	280	398	249	336
19712	68108	LEAD	5	136	163	143	163
19713	68108	LEAD	4	134	162	141	162
19714	68108	LEAD	5	279	395	248	334
19723	68108	LEAD	4	597	1015	484	793
19731	68108	LEAD	2	639	696	515	557
19732	68108	LEAD	4	498	918	411	721
19736	68108	LEAD	4	590	809	479	641
19748	68108	LEAD	4	282	418	250	351
19750	68108	LEAD	4	461	741	383	590
19752	68108	LEAD	4	115	158	127	159
19754	68108	LEAD	6	369	481	315	398
19769	68108	LEAD	4	347	592	299	480
19770	68108	LEAD	2	443	588	370	477
19774	68108	LEAD	4	136	176	143	173
19777	68108	LEAD	4	325	562	282	458
19778	68108	LEAD	4	595	1392	483	1072
19782	68108	LEAD	4	475	684	394	548
19783	68108	LEAD	5	233	344	214	296
19788	68108	LEAD	4	476	610	394	494
19789	68108	LEAD	4	274	450	245	375
19792	68108	LEAD	4	656	1082	528	842
19793	68108	LEAD	4	469	621	389	502
19794	68108	LEAD	4	251	283	228	251
19798	68108	LEAD	3	645	831	519	657
19799	68108	LEAD	4	703	927	562	728
19803	68108	LEAD	2	1149	1227	892	950
19808	68108	LEAD	4	344	449	297	374
19811	68108	LEAD	3	1499	2583	1151	1953
19820	68108	LEAD	3	402	523	340	429
19826	68108	LEAD	6	290	442	257	369
19828	68108	LEAD	4	140	344	146	297
19838	68108	LEAD	4	358	508	307	418
19850	68108	LEAD	4	701	811	561	642
19853	68108	LEAD	5	512	707	421	565
19856	68108	LEAD	4	666	875	535	690
19862	68108	LEAD	4	491	881	406	694
19870	68108	LEAD	4	345	484	297	400
19872	68108	LEAD	4	669	819	537	648
19874	68108	LEAD	4	480	683	397	547
19875	68108	LEAD	4	810	1421	641	1093
19880	68108	LEAD	4	219	356	204	305

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
19882	68108	LEAD	4	197	334	188	289
19883	68108	LEAD	4	131	271	139	243
19884	68108	LEAD	4	167	330	165	287
19894	68108	LEAD	2	167	210	166	197
19898	68108	LEAD	4	49	73	78	96
19902	68108	LEAD	4	162	333	162	288
19904	68108	LEAD	4	182	202	177	192
19905	68108	LEAD	4	359	503	308	414
19906	68108	LEAD	4	471	702	391	561
19909	68108	LEAD	4	323	486	281	402
19917	68108	LEAD	5	108	187	122	181
19920	68108	LEAD	4	353	462	303	384
19930	68108	LEAD	3	216	295	202	260
19933	68108	LEAD	4	443	606	370	490
19937	68108	LEAD	4	188	235	181	216
19939	68108	LEAD	4	351	484	302	400
19948	68108	LEAD	4	317	446	277	372
19949	68108	LEAD	2	197	279	188	248
19956	68108	LEAD	3	96	102	113	118
19964	68108	LEAD	3	352	535	303	438
19969	68108	LEAD	5	363	705	311	564
19980	68108	LEAD	4	506	678	417	544
19985	68108	LEAD	4	424	669	356	537
19988	68108	LEAD	5	470	910	390	715
19991	68108	LEAD	4	383	799	326	633
19996	68108	LEAD	2	153	210	155	197
19998	68108	LEAD	3	406	463	342	384
20003	68108	LEAD	2	266	267	239	239
20004	68108	LEAD	4	475	771	394	613
20006	68108	LEAD	2	584	653	474	525
20011	68108	LEAD	4	478	593	395	481
20013	68108	LEAD	4	96	125	113	134
20021	68108	LEAD	4	369	565	315	460
20037	68108	LEAD	4	762	1164	606	903
20039	68108	LEAD	4	376	556	320	453
20040	68108	LEAD	4	479	628	397	507
20043	68108	LEAD	2	418	643	352	518
20044	68108	LEAD	5	543	771	444	612
20046	68108	LEAD	2	416	507	350	417
20047	68108	LEAD	2	408	454	344	378
20051	68108	LEAD	4	254	363	230	311
20053	68108	LEAD	4	702	886	562	697
20055	68108	LEAD	4	422	608	355	492
20060	68108	LEAD	4	442	637	369	513
20061	68108	LEAD	4	632	884	510	696

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20063	68108	LEAD	2	40	56	72	83
20068	68108	LEAD	4	529	783	434	621
20078	68108	LEAD	4	467	517	387	425
20081	68108	LEAD	4	625	800	504	634
20083	68108	LEAD	4	428	695	359	556
20084	68108	LEAD	5	236	338	216	292
20086	68108	LEAD	3	253	495	229	408
20087	68108	LEAD	3	548	719	448	574
20090	68108	LEAD	4	739	961	589	753
20091	68108	LEAD	4	328	489	284	404
20100	68108	LEAD	4	938	1328	736	1024
20103	68108	LEAD	4	582	882	472	695
20104	68108	LEAD	2	583	657	473	528
20109	68108	LEAD	5	648	800	522	634
20115	68108	LEAD	4	456	670	380	537
20117	68108	LEAD	4	342	616	295	498
20122	68108	LEAD	5	579	901	470	708
20127	68108	LEAD	4	217	349	202	300
20136	68108	LEAD	4	1386	2576	1067	1948
20137	68108	LEAD	2	353	452	304	377
20142	68108	LEAD	4	557	830	454	656
20144	68108	LEAD	2	396	473	335	392
20145	68108	LEAD	4	463	717	385	573
20149	68108	LEAD	4	572	664	465	533
20151	68108	LEAD	4	405	537	342	439
20154	68108	LEAD	3	824	1646	652	1260
20158	68108	LEAD	2	284	399	252	338
20160	68108	LEAD	3	969	1952	759	1486
20165	68108	LEAD	4	507	718	417	573
20167	68108	LEAD	4	770	934	612	733
20168	68108	LEAD	5	401	592	338	480
20169	68108	LEAD	4	154	246	156	224
20172	68108	LEAD	2	411	567	346	461
20180	68108	LEAD	4	225	296	208	261
20182	68108	LEAD	4	955	1714	748	1310
20187	68108	LEAD	4	360	576	308	468
20188	68108	LEAD	2	175	233	171	215
20189	68108	LEAD	4	353	455	303	379
20193	68108	LEAD	4	650	1098	523	855
20194	68108	LEAD	3	845	1374	667	1059
20195	68108	LEAD	4	865	1446	682	1112
20198	68108	LEAD	4	508	576	418	468
20200	68108	LEAD	3	466	551	387	450
20201	68108	LEAD	4	122	159	133	160
20202	68108	LEAD	3	522	566	428	461

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20205	68108	LEAD	5	651	954	524	748
20210	68108	LEAD	4	304	442	267	369
20222	68108	LEAD	4	93	138	111	144
20225	68108	LEAD	4	254	330	230	286
20229	68108	LEAD	2	473	555	392	452
20230	68108	LEAD	5	507	677	417	543
20231	68108	LEAD	3	447	594	373	482
20237	68108	LEAD	4	567	758	462	603
20240	68108	LEAD	4	267	471	240	391
20242	68108	LEAD	4	430	536	360	439
20244	68108	LEAD	4	334	614	289	496
20252	68108	LEAD	4	278	520	248	427
20256	68108	LEAD	4	511	853	420	673
20258	68108	LEAD	4	446	691	372	554
20264	68108	LEAD	3	569	661	463	532
20266	68108	LEAD	4	554	790	452	626
20269	68108	LEAD	5	397	558	335	455
20274	68108	LEAD	4	408	629	344	507
20279	68108	LEAD	5	505	848	416	669
20282	68108	LEAD	3	501	628	412	507
20283	68108	LEAD	4	559	665	455	534
20284	68108	LEAD	4	335	688	290	551
20285	68108	LEAD	4	281	383	250	325
20287	68108	LEAD	5	372	790	317	627
20289	68108	LEAD	4	486	867	401	683
20292	68108	LEAD	2	174	188	171	181
20294	68108	LEAD	4	314	391	275	331
20302	68108	LEAD	4	335	454	290	378
20304	68108	LEAD	2	323	360	281	308
20308	68108	LEAD	4	413	556	348	453
20311	68108	LEAD	2	361	553	309	452
20314	68108	LEAD	4	161	290	161	257
20318	68108	LEAD	4	199	248	189	225
20320	68108	LEAD	2	554	655	452	527
20337	68108	LEAD	3	113	153	125	156
20341	68108	LEAD	4	574	851	467	672
20344	68108	LEAD	4	172	320	169	279
20345	68108	LEAD	4	732	1041	583	812
20356	68108	LEAD	4	413	727	348	580
20357	68108	LEAD	4	269	390	241	331
20358	68108	LEAD	4	398	668	337	536
20363	68108	LEAD	3	619	899	500	707
20367	68108	LEAD	2	433	619	362	500
20369	68108	LEAD	3	567	633	462	511
20370	68108	LEAD	4	377	531	321	435

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20372	68108	LEAD	3	331	451	287	376
20373	68108	LEAD	3	569	689	463	552
20381	68108	LEAD	4	207	451	195	375
20382	68108	LEAD	5	211	330	198	286
20390	68108	LEAD	4	194	300	186	264
20395	68108	LEAD	4	322	470	280	390
20396	68108	LEAD	4	182	306	177	269
20402	68108	LEAD	4	239	318	219	277
20412	68108	LEAD	2	370	373	316	318
20425	68108	LEAD	4	319	459	278	382
20431	68108	LEAD	1	443	443	370	370
20432	68108	LEAD	4	256	393	231	333
20437	68108	LEAD	4	266	298	239	263
20438	68108	LEAD	5	329	498	286	411
20439	68108	LEAD	2	276	373	246	318
20444	68108	LEAD	5	400	654	338	526
20445	68108	LEAD	4	368	680	314	545
20451	68108	LEAD	4	319	334	278	289
20459	68108	LEAD	4	398	583	337	474
20464	68108	LEAD	4	176	241	173	221
20467	68108	LEAD	4	375	649	320	522
20468	68108	LEAD	2	671	924	538	725
20476	68108	LEAD	4	161	301	161	265
20484	68108	LEAD	4	368	590	314	478
20487	68108	LEAD	4	375	537	320	439
20489	68108	LEAD	5	645	883	520	695
20491	68108	LEAD	5	429	498	360	411
20501	68108	LEAD	4	227	343	210	296
20502	68108	LEAD	4	521	784	427	622
20511	68108	LEAD	4	477	754	395	600
20515	68108	LEAD	3	532	681	436	546
20516	68108	LEAD	3	454	612	378	495
20517	68108	LEAD	2	712	970	569	760
20518	68108	LEAD	4	193	301	185	265
20524	68108	LEAD	4	818	1820	647	1389
20529	68108	LEAD	5	433	992	363	776
20530	68108	LEAD	4	411	506	346	417
20538	68108	LEAD	4	174	227	170	210
20541	68108	LEAD	4	255	378	231	322
20542	68108	LEAD	4	262	444	236	370
20543	68108	LEAD	4	347	842	299	665
20548	68108	LEAD	4	357	599	306	486
20552	68108	LEAD	3	221	453	205	377
20558	68108	LEAD	4	528	773	433	614
20564	68108	LEAD	4	202	403	192	340

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20567	68108	LEAD	4	200	265	190	238
20569	68108	LEAD	3	363	536	311	438
20570	68108	LEAD	4	425	703	357	562
20571	68108	LEAD	4	390	574	330	467
20573	68108	LEAD	5	245	500	223	412
20574	68108	LEAD	4	194	349	186	300
20575	68108	LEAD	2	633	665	511	534
20581	68108	LEAD	4	823	1029	651	804
20582	68108	LEAD	4	612	824	495	652
20588	68108	LEAD	4	326	525	284	430
20589	68108	LEAD	4	443	769	370	611
20592	68108	LEAD	4	259	277	234	247
20596	68108	LEAD	4	223	381	207	324
20608	68108	LEAD	5	1083	1449	843	1114
20617	68108	LEAD	4	524	782	430	621
20620	68108	LEAD	4	342	547	295	447
20623	68108	LEAD	2	727	744	580	593
20627	68108	LEAD	4	501	562	413	458
20629	68108	LEAD	4	523	718	429	573
20632	68108	LEAD	3	170	271	168	243
20633	68108	LEAD	4	264	348	237	300
20635	68108	LEAD	4	483	941	400	738
20638	68108	LEAD	4	210	353	198	303
20639	68108	LEAD	2	322	406	280	342
20654	68108	LEAD	4	740	855	590	675
20658	68108	LEAD	2	50	64	79	89
20660	68108	LEAD	4	102	162	117	162
20664	68108	LEAD	5	670	893	538	702
20671	68108	LEAD	5	429	609	359	493
20676	68108	LEAD	4	674	762	541	606
20677	68108	LEAD	4	563	872	459	687
20689	68108	LEAD	4	476	741	394	590
20695	68108	LEAD	4	400	621	338	502
20699	68108	LEAD	4	563	909	459	715
20719	68108	LEAD	4	269	615	241	497
20724	68108	LEAD	3	617	835	499	660
20729	68108	LEAD	4	373	508	318	418
20731	68108	LEAD	3	303	441	266	369
20732	68108	LEAD	4	469	583	389	474
20734	68108	LEAD	3	393	476	333	394
20736	68108	LEAD	3	208	251	196	228
20738	68108	LEAD	5	403	650	340	523
20740	68108	LEAD	4	259	401	234	338
20741	68108	LEAD	4	1226	1912	949	1457
20742	68108	LEAD	3	531	754	435	600

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20744	68108	LEAD	3	543	616	444	498
20745	68108	LEAD	4	390	504	330	415
20746	68108	LEAD	4	274	377	244	321
20749	68108	LEAD	4	281	338	250	292
20750	68108	LEAD	5	198	272	189	244
20752	68108	LEAD	5	395	544	335	445
20755	68108	LEAD	3	320	456	279	379
20758	68108	LEAD	5	352	591	303	479
20766	68108	LEAD	4	489	781	404	620
20771	68108	LEAD	2	643	676	518	542
20778	68108	LEAD	4	586	674	476	541
20780	68108	LEAD	4	462	610	384	493
20782	68108	LEAD	4	305	452	268	377
20784	68108	LEAD	4	554	964	452	755
20785	68108	LEAD	5	202	322	192	280
20786	68108	LEAD	4	557	893	454	703
20793	68108	LEAD	4	518	585	425	475
20795	68108	LEAD	4	356	538	305	440
20799	68108	LEAD	4	435	790	364	627
20802	68108	LEAD	4	347	434	299	363
20806	68108	LEAD	5	502	718	414	573
20808	68108	LEAD	6	446	797	372	632
20811	68108	LEAD	3	766	803	608	637
20816	68108	LEAD	5	412	734	347	585
20818	68108	LEAD	4	575	890	468	701
20822	68108	LEAD	4	409	517	345	424
20827	68108	LEAD	4	256	425	232	356
20831	68108	LEAD	4	610	828	494	655
20832	68108	LEAD	3	441	556	368	453
20835	68108	LEAD	4	259	444	234	371
20846	68108	LEAD	5	430	678	360	543
20864	68108	LEAD	3	1433	2579	1102	1950
20865	68108	LEAD	3	720	918	575	721
20866	68108	LEAD	4	663	748	532	595
20870	68108	LEAD	4	425	542	357	443
20875	68108	LEAD	5	253	491	229	405
20880	68108	LEAD	4	771	1368	612	1054
20881	68108	LEAD	5	571	1061	464	827
20891	68108	LEAD	3	182	254	176	230
20904	68108	LEAD	2	561	597	457	484
20912	68108	LEAD	4	707	1360	565	1048
20918	68108	LEAD	4	298	384	263	326
20922	68108	LEAD	4	565	732	460	584
20926	68108	LEAD	3	685	873	549	688
20929	68108	LEAD	5	385	548	327	448

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
20938	68108	LEAD	4	739	1003	589	785
20939	68108	LEAD	5	436	628	365	507
20940	68108	LEAD	2	445	725	371	579
20941	68108	LEAD	4	422	688	354	551
20968	68108	LEAD	5	383	483	325	399
20972	68108	LEAD	5	374	512	319	421
20974	68108	LEAD	4	269	770	241	612
20978	68108	LEAD	4	190	335	183	290
20979	68108	LEAD	3	524	631	430	509
20981	68108	LEAD	4	224	389	208	330
20982	68108	LEAD	4	914	1777	719	1357
20988	68108	LEAD	4	259	348	234	299
20989	68108	LEAD	3	260	547	235	447
20991	68108	LEAD	5	199	473	189	392
20992	68108	LEAD	5	968	2870	758	2166
20996	68108	LEAD	4	75	87	98	106
20998	68108	LEAD	4	497	814	410	644
21003	68108	LEAD	4	125	206	134	195
21004	68108	LEAD	4	312	386	273	327
21006	68108	LEAD	2	487	489	402	404
21017	68108	LEAD	4	1186	1680	920	1285
21026	68108	LEAD	4	373	391	318	331
21030	68108	LEAD	2	218	275	203	245
21039	68108	LEAD	4	87	105	107	120
21044	68108	LEAD	4	47	84	77	104
21063	68108	LEAD	4	502	741	414	590
21084	68108	LEAD	5	36	66	69	91
21091	68108	LEAD	2	609	661	492	531
21103	68108	LEAD	4	77	116	99	128
21118	68108	LEAD	2	536	676	438	542
21121	68108	LEAD	4	67	74	91	97
21123	68108	LEAD	4	61	84	87	104
21126	68108	LEAD	4	68	116	92	128
21127	68108	LEAD	4	323	566	281	461
21128	68108	LEAD	4	435	617	364	498
21131	68108	LEAD	4	339	439	293	367
21134	68108	LEAD	4	437	596	365	483
21135	68108	LEAD	1	808	808	640	640
21142	68108	LEAD	4	538	721	440	576
21145	68108	LEAD	4	529	785	433	623
21146	68108	LEAD	4	469	623	389	503
21154	68108	LEAD	3	294	500	259	412
21155	68108	LEAD	2	759	823	604	651
21156	68108	LEAD	4	752	976	598	764
21157	68108	LEAD	2	723	856	577	676

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21161	68108	LEAD	4	583	766	474	609
21168	68108	LEAD	4	575	852	467	673
21172	68108	LEAD	3	723	876	577	690
21175	68108	LEAD	4	453	725	377	578
21181	68108	LEAD	4	391	728	332	581
21184	68108	LEAD	4	172	534	169	437
21188	68108	LEAD	4	706	770	565	612
21190	68108	LEAD	4	361	528	309	433
21197	68108	LEAD	3	643	777	517	617
21199	68108	LEAD	4	538	837	440	661
21217	68108	LEAD	4	235	321	216	279
21224	68108	LEAD	2	420	472	353	391
21227	68108	LEAD	4	300	643	264	518
21234	68108	LEAD	4	481	542	398	443
21235	68108	LEAD	4	686	791	550	627
21236	68108	LEAD	4	400	554	338	452
21238	68108	LEAD	2	412	477	347	395
21240	68108	LEAD	4	368	502	314	413
21242	68108	LEAD	2	473	551	392	450
21245	68108	LEAD	4	65	183	90	177
21246	68108	LEAD	3	348	435	300	364
21250	68108	LEAD	2	525	757	431	602
21253	68108	LEAD	2	815	823	645	651
21255	68108	LEAD	4	26	41	61	73
21256	68108	LEAD	2	30	44	65	75
21284	68108	LEAD	4	475	579	393	470
21291	68108	LEAD	4	27	28	62	63
21292	68108	LEAD	3	41	44	73	75
21353	68108	LEAD	4	39	69	71	93
21357	68108	LEAD	4	31	35	65	68
21359	68108	LEAD	3	88	122	107	132
21363	68108	LEAD	4	86	99	106	115
21370	68108	LEAD	4	58	99	85	115
21383	68108	LEAD	4	82	121	103	131
21389	68108	LEAD	4	701	1513	561	1161
21392	68108	LEAD	4	28	38	63	70
21395	68108	LEAD	4	430	674	360	541
21398	68108	LEAD	4	184	403	178	340
21400	68108	LEAD	3	289	363	256	310
21401	68108	LEAD	3	226	322	209	280
21406	68108	LEAD	4	475	924	394	725
21407	68108	LEAD	4	42	63	73	89
21413	68108	LEAD	4	515	714	423	570
21416	68108	LEAD	2	88	95	107	113
21422	68108	LEAD	4	33	51	66	79

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21428	68108	LEAD	4	416	527	350	432
21432	68108	LEAD	4	634	943	511	740
21437	68108	LEAD	3	321	410	279	345
21441	68108	LEAD	2	278	359	248	308
21442	68108	LEAD	4	354	584	304	474
21452	68108	LEAD	4	27	32	62	66
21456	68108	LEAD	3	489	823	404	651
21461	68108	LEAD	4	446	646	372	520
21463	68108	LEAD	4	576	721	468	576
21502	68108	LEAD	4	340	421	293	354
21506	68108	LEAD	3	481	578	398	469
21508	68108	LEAD	3	70	136	93	143
21510	68108	LEAD	3	698	771	558	612
21512	68108	LEAD	4	440	520	368	426
21514	68108	LEAD	4	59	81	86	102
21518	68108	LEAD	4	442	577	369	469
21522	68108	LEAD	2	685	785	549	623
21526	68108	LEAD	4	471	690	391	552
21534	68108	LEAD	3	291	310	257	271
21554	68108	LEAD	5	417	690	350	553
21556	68108	LEAD	4	470	649	390	522
21569	68108	LEAD	2	668	788	536	625
21572	68108	LEAD	4	187	314	181	275
21573	68108	LEAD	4	433	585	362	475
21575	68108	LEAD	4	662	958	532	751
21582	68108	LEAD	4	309	387	271	329
21599	68108	LEAD	4	436	583	364	474
21620	68108	LEAD	3	1042	1673	813	1280
21627	68108	LEAD	4	630	807	508	639
21635	68108	LEAD	4	233	307	214	270
21642	68108	LEAD	2	494	570	408	464
21659	68108	LEAD	4	521	605	427	490
21664	68108	LEAD	5	152	399	154	338
21668	68108	LEAD	4	365	440	312	368
21671	68108	LEAD	4	278	538	248	440
21717	68108	LEAD	4	396	459	335	382
21729	68108	LEAD	4	262	340	236	294
21732	68108	LEAD	4	411	687	346	551
21741	68108	LEAD	4	319	438	278	366
21756	68108	LEAD	4	466	526	387	431
21765	68108	LEAD	4	706	879	565	692
21767	68108	LEAD	4	655	843	527	666
21771	68108	LEAD	1	110	110	123	123
21785	68108	LEAD	3	541	580	442	471
21791	68108	LEAD	4	598	786	484	623

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
21792	68108	LEAD	4	409	595	344	482
21798	68108	LEAD	5	455	628	379	507
21805	68108	LEAD	4	271	354	242	304
21830	68108	LEAD	4	434	704	363	563
21839	68108	LEAD	4	392	438	332	366
21846	68108	LEAD	4	1278	2641	987	1996
21848	68108	LEAD	1	296	296	261	261
21856	68108	LEAD	3	688	959	551	752
21863	68108	LEAD	5	400	643	338	518
21876	68108	LEAD	4	297	496	262	409
21886	68108	LEAD	3	552	629	451	508
21897	68108	LEAD	3	475	678	393	544
21905	68108	LEAD	2	203	301	192	265
21917	68108	LEAD	4	350	499	301	412
21920	68108	LEAD	3	292	411	258	346
21940	68108	LEAD	3	450	755	375	601
21945	68108	LEAD	3	750	955	597	749
21947	68108	LEAD	3	284	505	252	416
21955	68108	LEAD	3	428	684	358	548
21959	68108	LEAD	4	338	431	292	361
21972	68108	LEAD	4	647	740	521	590
21992	68108	LEAD	5	272	404	243	341
22003	68108	LEAD	4	213	303	200	266
22059	68108	LEAD	4	476	540	394	442
22063	68108	LEAD	3	767	913	610	718
22066	68108	LEAD	1	616	616	498	498
22068	68108	LEAD	4	665	748	534	596
22082	68108	LEAD	4	369	673	315	540
22086	68108	LEAD	4	616	907	498	713
22095	68108	LEAD	4	369	464	315	386
22108	68108	LEAD	4	552	734	451	585
22111	68108	LEAD	4	819	1474	648	1133
22116	68108	LEAD	2	412	489	347	404
22118	68108	LEAD	2	457	469	380	389
22126	68108	LEAD	4	575	681	468	546
22136	68108	LEAD	4	486	792	402	628
22166	68108	LEAD	2	170	196	168	187
22176	68108	LEAD	4	455	579	379	471
22201	68108	LEAD	4	190	236	183	217
22203	68108	LEAD	4	259	615	234	497
22236	68108	LEAD	2	282	288	250	255
22256	68108	LEAD	2	129	133	137	140
22263	68108	LEAD	4	293	494	259	408
22265	68108	LEAD	4	184	297	178	262
22282	68108	LEAD	4	562	812	458	643

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22283	68108	LEAD	4	460	1047	382	816
22294	68108	LEAD	4	400	496	338	409
22296	68108	LEAD	4	1824	2480	1392	1877
22304	68108	LEAD	4	352	500	302	412
22306	68108	LEAD	3	438	829	366	655
22308	68108	LEAD	4	95	151	113	153
34290	68108	LEAD	2	260	296	235	261
49149	68108	LEAD	5	526	868	431	684
49254	68108	LEAD	4	419	687	352	550
49256	68108	LEAD	5	139	191	145	183
49264	68108	LEAD	4	75	80	98	101
49265	68108	LEAD	4	68	94	92	112
49268	68108	LEAD	4	71	119	95	130
49269	68108	LEAD	4	69	95	93	113
49270	68108	LEAD	4	100	110	116	123
49277	68108	LEAD	2	672	846	539	668
50449	68108	LEAD	5	109	177	123	173
50450	68108	LEAD	4	81	138	102	144
50451	68108	LEAD	4	123	175	133	171
50452	68108	LEAD	4	98	108	115	122
50453	68108	LEAD	4	155	287	157	255
50454	68108	LEAD	4	114	141	126	146
50455	68108	LEAD	4	135	167	142	166
50456	68108	LEAD	4	130	186	138	179
50457	68108	LEAD	4	195	429	186	360
50458	68108	LEAD	4	132	269	140	241
50459	68108	LEAD	4	128	171	136	168
50460	68108	LEAD	4	81	96	102	113
50461	68108	LEAD	4	101	139	117	145
50462	68108	LEAD	4	80	86	101	106
50463	68108	LEAD	4	81	114	102	126
50464	68108	LEAD	4	72	76	95	99
50465	68108	LEAD	4	80	99	101	115
50466	68108	LEAD	4	93	123	111	133
50467	68108	LEAD	5	108	187	122	181
50468	68108	LEAD	5	93	123	111	133
50469	68108	LEAD	4	86	116	105	128
50470	68108	LEAD	5	65	80	90	101
50472	68108	LEAD	4	67	95	91	113
50486	68108	LEAD	3	248	318	226	278
50518	68108	LEAD	3	435	645	364	519
50523	68108	LEAD	1	488	488	403	403
50524	68108	LEAD	3	1080	1646	841	1260
50525	68108	LEAD	3	2198	5542	1669	4143
50526	68108	LEAD	4	987	1533	772	1177

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50529	68108	LEAD	3	445	632	371	510
50530	68108	LEAD	3	346	410	298	346
50532	68108	LEAD	2	484	653	401	525
50562	68108	LEAD	3	760	782	605	620
50568	68108	LEAD	2	597	706	484	565
50577	68108	LEAD	4	420	554	353	452
50596	68108	LEAD	4	345	529	297	433
50623	68108	LEAD	2	487	581	402	472
50624	68108	LEAD	2	473	492	392	406
50651	68108	LEAD	3	571	899	464	707
50652	68108	LEAD	2	387	436	329	365
50674	68108	LEAD	2	562	647	458	521
52419	68108	LEAD	4	320	533	279	436
52420	68108	LEAD	2	558	781	455	620
62914	68108	LEAD	4	271	426	242	357
62915	68108	LEAD	4	1907	2632	1453	1990
64162	68108	LEAD	4	302	666	265	535
64395	68108	LEAD	2	89	104	108	119
74005	68108	LEAD	4	152	230	154	213
74047	68108	LEAD	4	356	754	306	600
74643	68108	LEAD	2	230	306	212	269
75056	68108	LEAD	4	218	496	203	409
75057	68108	LEAD	4	122	151	132	154
79306	68108	LEAD	4	275	390	246	331
84762	68108	LEAD	2	469	491	389	405
87492	68108	LEAD	2	220	385	205	327
87917	68108	LEAD	2	231	282	213	251
87919	68108	LEAD	2	352	402	303	339
87989	68108	LEAD	4	580	915	471	719
87990	68108	LEAD	3	577	824	469	652
87999	68108	LEAD	3	312	331	273	287
88000	68108	LEAD	2	438	594	366	481
88001	68108	LEAD	2	653	814	525	645
88002	68108	LEAD	4	760	1315	604	1015
88003	68108	LEAD	3	335	422	290	354
88004	68108	LEAD	2	479	554	396	452
88005	68108	LEAD	2	914	1468	719	1128
88015	68108	LEAD	4	355	486	305	402
88031	68108	LEAD	3	704	947	563	743
88078	68108	LEAD	2	521	642	427	517
88959	68108	LEAD	4	83	109	104	122
89283	68108	LEAD	5	1016	2241	794	1701
89842	68108	LEAD	3	478	533	396	437
90091	68108	LEAD	4	221	314	205	274
90092	68108	LEAD	2	180	234	175	215

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
90093	68108	LEAD	4	122	142	132	147
90094	68108	LEAD	4	106	117	121	129
90096	68108	LEAD	4	58	77	85	99
90097	68108	LEAD	4	310	495	271	408
90529	68108	LEAD	3	101	122	116	132
90599	68108	LEAD	4	152	199	154	189
90600	68108	LEAD	4	116	148	128	152
90601	68108	LEAD	4	108	128	122	137
90602	68108	LEAD	4	106	154	120	156
91071	68108	LEAD	2	899	1567	707	1202
91096	68108	LEAD	1	479	479	396	396
91300	68108	LEAD	2	280	390	250	330
91313	68108	LEAD	2	574	598	467	485
91531	68108	LEAD	2	294	374	259	319
92372	68108	LEAD	4	299	435	263	364
92680	68108	LEAD	4	716	835	572	660
93003	68108	LEAD	4	938	2669	736	2017
93004	68108	LEAD	3	560	948	457	744
93005	68108	LEAD	2	431	477	361	395
93006	68108	LEAD	3	596	1188	483	921
93007	68108	LEAD	3	555	929	452	729
93008	68108	LEAD	4	550	741	449	590
93009	68108	LEAD	3	559	679	456	545
93010	68108	LEAD	2	387	644	329	519
93031	68108	LEAD	3	710	1447	568	1113
93094	68108	LEAD	2	486	503	401	414
93133	68108	LEAD	4	85	118	105	130
93152	68108	LEAD	3	689	1100	552	856
93214	68108	LEAD	1	562	562	458	458
93455	68108	LEAD	4	294	393	260	333
93474	68108	LEAD	2	243	256	222	231
93475	68108	LEAD	3	412	721	347	576
93494	68108	LEAD	2	715	775	571	615
93496	68108	LEAD	2	349	401	300	338
93497	68108	LEAD	4	448	787	374	624
93520	68108	LEAD	2	537	571	439	464
93521	68108	LEAD	2	481	525	398	430
93522	68108	LEAD	2	587	651	477	524
93579	68108	LEAD	2	1310	1342	1012	1035
152	68110	LEAD	4	691	944	554	741
155	68110	LEAD	3	570	898	464	707
165	68110	LEAD	3	633	797	511	632
186	68110	LEAD	4	317	421	277	353
191	68110	LEAD	2	485	703	401	562
192	68110	LEAD	4	514	705	423	563

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
193	68110	LEAD	3	648	932	521	732
196	68110	LEAD	3	448	903	374	710
198	68110	LEAD	4	626	898	505	707
203	68110	LEAD	2	587	611	477	494
204	68110	LEAD	4	657	756	528	602
206	68110	LEAD	4	400	719	338	574
209	68110	LEAD	4	369	465	315	386
210	68110	LEAD	4	331	412	287	347
211	68110	LEAD	4	382	505	325	416
212	68110	LEAD	4	586	916	476	720
217	68110	LEAD	2	529	550	434	449
226	68110	LEAD	3	830	1218	656	943
232	68110	LEAD	4	430	609	360	493
233	68110	LEAD	4	280	504	249	415
234	68110	LEAD	2	445	453	371	377
235	68110	LEAD	4	504	596	415	483
236	68110	LEAD	4	569	880	463	693
238	68110	LEAD	4	536	770	439	612
239	68110	LEAD	4	305	484	268	400
241	68110	LEAD	4	467	721	387	576
242	68110	LEAD	4	393	693	333	555
244	68110	LEAD	4	518	671	425	539
246	68110	LEAD	4	238	368	218	314
248	68110	LEAD	4	460	611	383	494
252	68110	LEAD	4	272	331	243	287
253	68110	LEAD	4	343	555	296	453
289	68110	LEAD	5	263	354	237	304
290	68110	LEAD	5	332	437	288	366
292	68110	LEAD	4	366	765	313	608
294	68110	LEAD	4	419	571	352	464
299	68110	LEAD	3	251	312	228	273
301	68110	LEAD	4	827	1155	654	897
302	68110	LEAD	4	437	503	366	414
303	68110	LEAD	4	315	350	275	301
304	68110	LEAD	4	656	1009	527	788
306	68110	LEAD	4	301	453	265	377
309	68110	LEAD	4	569	826	463	653
312	68110	LEAD	4	414	899	348	707
313	68110	LEAD	4	487	681	402	546
314	68110	LEAD	4	746	1375	594	1060
316	68110	LEAD	2	710	837	567	661
317	68110	LEAD	4	337	425	292	356
320	68110	LEAD	3	486	616	401	498
321	68110	LEAD	4	522	762	428	606
322	68110	LEAD	4	322	479	280	397

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
324	68110	LEAD	4	304	500	267	412
325	68110	LEAD	4	525	905	430	712
326	68110	LEAD	4	704	891	563	701
329	68110	LEAD	3	293	310	259	271
333	68110	LEAD	3	1076	1966	838	1497
334	68110	LEAD	4	324	423	282	355
335	68110	LEAD	4	311	404	272	341
342	68110	LEAD	4	407	640	343	516
345	68110	LEAD	2	384	443	326	369
348	68110	LEAD	3	591	792	479	628
352	68110	LEAD	5	256	361	231	309
358	68110	LEAD	4	344	391	297	331
361	68110	LEAD	3	574	997	467	780
364	68110	LEAD	5	541	1198	442	928
365	68110	LEAD	3	196	308	187	270
368	68110	LEAD	3	181	221	176	206
369	68110	LEAD	4	175	213	171	199
370	68110	LEAD	5	66	105	91	119
373	68110	LEAD	4	161	343	161	296
374	68110	LEAD	5	830	1115	656	867
376	68110	LEAD	3	360	400	308	338
378	68110	LEAD	4	254	336	230	291
379	68110	LEAD	4	154	275	156	246
382	68110	LEAD	4	519	668	426	537
383	68110	LEAD	4	730	1290	582	997
387	68110	LEAD	4	326	420	283	352
390	68110	LEAD	4	407	522	344	428
392	68110	LEAD	3	230	439	213	367
395	68110	LEAD	3	505	884	416	696
396	68110	LEAD	3	466	737	387	588
398	68110	LEAD	4	238	297	218	261
400	68110	LEAD	4	201	312	191	273
403	68110	LEAD	3	138	176	144	172
404	68110	LEAD	3	340	414	293	349
405	68110	LEAD	4	215	306	201	268
407	68110	LEAD	3	261	450	235	375
412	68110	LEAD	4	444	859	370	678
416	68110	LEAD	4	830	1142	656	887
419	68110	LEAD	4	266	465	238	386
422	68110	LEAD	4	856	1954	675	1488
423	68110	LEAD	5	197	278	188	248
424	68110	LEAD	3	296	310	261	271
425	68110	LEAD	4	382	429	325	359
426	68110	LEAD	3	309	376	271	320
430	68110	LEAD	3	503	720	414	575

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
431	68110	LEAD	2	379	397	322	336
432	68110	LEAD	4	952	2075	747	1578
433	68110	LEAD	4	360	588	309	477
435	68110	LEAD	3	206	238	195	218
436	68110	LEAD	3	435	545	364	445
437	68110	LEAD	2	488	552	403	450
439	68110	LEAD	4	337	785	292	623
445	68110	LEAD	4	228	264	211	238
446	68110	LEAD	4	107	170	121	168
447	68110	LEAD	4	103	125	118	134
448	68110	LEAD	5	145	187	149	180
450	68110	LEAD	4	577	775	469	615
451	68110	LEAD	4	657	1048	528	818
454	68110	LEAD	2	739	843	589	666
456	68110	LEAD	4	176	307	172	269
457	68110	LEAD	2	242	271	221	243
459	68110	LEAD	4	272	371	243	317
461	68110	LEAD	4	315	424	275	356
463	68110	LEAD	1	706	706	564	564
464	68110	LEAD	4	735	1604	586	1229
466	68110	LEAD	4	529	756	434	602
471	68110	LEAD	5	244	436	222	365
472	68110	LEAD	3	191	214	183	200
475	68110	LEAD	4	390	412	331	347
480	68110	LEAD	3	543	909	443	715
481	68110	LEAD	4	544	795	444	630
482	68110	LEAD	4	574	653	466	525
486	68110	LEAD	4	301	437	264	365
488	68110	LEAD	3	717	911	572	716
489	68110	LEAD	4	349	561	300	457
491	68110	LEAD	5	657	782	528	621
497	68110	LEAD	4	208	293	196	259
499	68110	LEAD	3	245	454	223	378
504	68110	LEAD	5	361	516	309	424
508	68110	LEAD	4	194	259	186	233
509	68110	LEAD	2	550	558	449	455
510	68110	LEAD	3	349	390	300	331
516	68110	LEAD	4	273	451	244	376
517	68110	LEAD	3	241	325	220	283
520	68110	LEAD	4	397	697	336	558
529	68110	LEAD	3	340	474	293	392
538	68110	LEAD	4	562	763	458	607
608	68110	LEAD	3	400	505	338	416
611	68110	LEAD	4	318	418	277	352
619	68110	LEAD	1	104	104	119	119

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
621	68110	LEAD	3	323	339	281	293
650	68110	LEAD	4	382	451	324	376
721	68110	LEAD	1	1067	1067	832	832
879	68110	LEAD	3	366	415	313	349
954	68110	LEAD	4	355	498	305	410
969	68110	LEAD	4	235	298	216	263
1001	68110	LEAD	4	369	411	315	346
1005	68110	LEAD	3	399	455	337	379
1027	68110	LEAD	1	336	336	291	291
1034	68110	LEAD	4	341	497	294	410
1047	68110	LEAD	3	267	364	239	312
1050	68110	LEAD	4	267	508	240	418
1053	68110	LEAD	4	464	660	386	531
1064	68110	LEAD	4	155	179	157	174
1070	68110	LEAD	4	658	1088	529	847
1071	68110	LEAD	4	316	532	276	436
1077	68110	LEAD	4	562	764	458	608
1089	68110	LEAD	4	319	469	278	389
1092	68110	LEAD	4	337	377	291	321
1094	68110	LEAD	4	195	230	187	212
1097	68110	LEAD	4	219	254	204	230
1103	68110	LEAD	4	288	360	255	309
1107	68110	LEAD	4	654	1483	526	1140
1114	68110	LEAD	4	300	377	264	321
1118	68110	LEAD	4	196	299	187	264
1121	68110	LEAD	2	543	846	444	668
1124	68110	LEAD	5	380	477	323	395
1126	68110	LEAD	4	270	669	242	537
1128	68110	LEAD	5	157	224	158	208
1129	68110	LEAD	4	368	609	314	492
1130	68110	LEAD	4	427	651	358	524
1131	68110	LEAD	3	273	370	244	316
1132	68110	LEAD	4	235	298	216	263
1199	68110	LEAD	4	207	343	196	296
1200	68110	LEAD	4	593	1448	481	1113
1205	68110	LEAD	4	357	457	306	380
1207	68110	LEAD	4	425	678	356	544
1209	68110	LEAD	4	312	375	273	320
1233	68110	LEAD	4	285	467	253	387
1313	68110	LEAD	3	341	608	294	492
1319	68110	LEAD	4	720	1092	575	850
1342	68110	LEAD	3	130	193	139	185
1352	68110	LEAD	4	681	1117	546	868
1369	68110	LEAD	4	210	351	197	302
1378	68110	LEAD	4	357	516	306	424

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1379	68110	LEAD	4	228	276	211	246
1449	68110	LEAD	4	210	375	197	319
1494	68110	LEAD	4	129	188	137	181
1509	68110	LEAD	5	493	1279	407	988
1511	68110	LEAD	3	215	347	201	299
2018	68110	LEAD	3	762	1110	606	864
2069	68110	LEAD	4	234	442	215	369
2265	68110	LEAD	4	357	403	306	340
2280	68110	LEAD	4	468	649	388	522
2354	68110	LEAD	4	302	409	265	344
2355	68110	LEAD	4	419	650	352	523
2533	68110	LEAD	2	469	473	389	392
2534	68110	LEAD	4	791	1049	628	818
2539	68110	LEAD	5	288	409	255	344
2541	68110	LEAD	4	240	372	219	317
2543	68110	LEAD	4	330	488	286	403
2546	68110	LEAD	4	298	430	262	360
2547	68110	LEAD	4	474	514	392	422
3033	68110	LEAD	5	310	433	272	362
3108	68110	LEAD	4	92	141	110	146
3117	68110	LEAD	3	359	680	308	545
3136	68110	LEAD	4	239	287	219	254
5202	68110	LEAD	4	85	109	105	123
5203	68110	LEAD	4	207	229	195	211
5257	68110	LEAD	4	228	245	210	223
5258	68110	LEAD	4	258	590	233	478
5388	68110	LEAD	4	114	132	126	140
5497	68110	LEAD	2	290	358	256	307
5507	68110	LEAD	4	407	479	343	396
5520	68110	LEAD	4	497	704	410	563
5521	68110	LEAD	4	259	385	234	327
5522	68110	LEAD	4	401	492	339	406
5523	68110	LEAD	4	294	350	259	301
5525	68110	LEAD	3	398	661	337	531
5526	68110	LEAD	4	571	815	465	645
5527	68110	LEAD	4	269	323	241	281
5528	68110	LEAD	4	383	570	325	464
5530	68110	LEAD	4	355	516	304	424
5531	68110	LEAD	4	502	771	413	612
5532	68110	LEAD	3	883	1152	695	895
5533	68110	LEAD	4	289	464	256	385
5535	68110	LEAD	4	358	457	307	380
5536	68110	LEAD	4	292	379	258	322
5539	68110	LEAD	2	425	484	356	400
5540	68110	LEAD	2	315	319	275	278

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5541	68110	LEAD	4	392	577	332	469
5543	68110	LEAD	4	132	242	140	221
5544	68110	LEAD	4	114	179	127	175
5545	68110	LEAD	4	467	706	388	564
5546	68110	LEAD	4	263	449	237	374
5549	68110	LEAD	2	759	950	603	745
5551	68110	LEAD	4	516	994	424	778
5552	68110	LEAD	2	548	728	448	580
5553	68110	LEAD	4	360	406	308	343
5554	68110	LEAD	2	401	425	339	357
5556	68110	LEAD	4	372	465	317	386
5557	68110	LEAD	4	511	796	420	631
5558	68110	LEAD	4	503	748	414	595
5559	68110	LEAD	4	376	478	320	396
5560	68110	LEAD	3	574	712	467	569
5561	68110	LEAD	4	601	775	487	615
5562	68110	LEAD	4	575	825	467	652
5563	68110	LEAD	4	122	301	133	264
5564	68110	LEAD	3	465	489	386	404
5565	68110	LEAD	5	224	305	207	268
5566	68110	LEAD	4	346	520	298	427
5568	68110	LEAD	4	77	100	99	116
5569	68110	LEAD	4	82	108	103	122
5570	68110	LEAD	4	329	400	285	338
5577	68110	LEAD	4	427	548	358	447
5579	68110	LEAD	4	545	1218	445	943
5581	68110	LEAD	4	146	234	150	215
5612	68110	LEAD	4	648	789	522	625
5614	68110	LEAD	5	494	638	408	514
5615	68110	LEAD	3	692	921	554	724
5616	68110	LEAD	3	382	505	324	416
5617	68110	LEAD	3	277	392	247	332
5620	68110	LEAD	3	256	304	232	267
5621	68110	LEAD	4	380	422	323	355
5640	68110	LEAD	4	130	183	138	177
5641	68110	LEAD	3	333	456	289	379
5642	68110	LEAD	3	239	297	219	261
5643	68110	LEAD	3	524	890	430	700
5646	68110	LEAD	4	341	411	294	346
5647	68110	LEAD	2	461	479	383	396
5648	68110	LEAD	4	138	196	144	187
5649	68110	LEAD	2	1029	1375	804	1060
5650	68110	LEAD	4	182	256	176	231
5651	68110	LEAD	4	295	408	261	344
5661	68110	LEAD	2	272	368	244	314

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5662	68110	LEAD	4	193	276	185	246
5668	68110	LEAD	4	129	200	138	190
5669	68110	LEAD	4	95	121	112	131
5671	68110	LEAD	4	328	518	284	426
5676	68110	LEAD	4	494	732	408	584
5677	68110	LEAD	4	213	338	199	292
5678	68110	LEAD	4	267	454	239	378
5680	68110	LEAD	4	450	596	375	483
5689	68110	LEAD	4	435	614	364	496
5692	68110	LEAD	4	503	545	414	446
26047	68110	LEAD	4	281	364	250	312
26085	68110	LEAD	4	235	267	216	240
26096	68110	LEAD	4	140	265	146	238
26099	68110	LEAD	4	57	78	84	100
26104	68110	LEAD	4	157	186	158	180
26122	68110	LEAD	4	393	440	333	368
26133	68110	LEAD	4	350	941	301	739
26169	68110	LEAD	4	469	558	389	455
26175	68110	LEAD	4	290	333	257	289
26180	68110	LEAD	4	116	157	128	158
26182	68110	LEAD	3	429	621	359	501
26186	68110	LEAD	4	141	270	146	242
26198	68110	LEAD	2	521	526	427	431
26201	68110	LEAD	4	301	496	264	409
26218	68110	LEAD	4	235	353	216	303
26234	68110	LEAD	4	101	139	117	145
26238	68110	LEAD	4	142	192	147	184
26239	68110	LEAD	4	438	891	366	701
26243	68110	LEAD	4	322	612	281	495
26252	68110	LEAD	4	264	506	237	417
26253	68110	LEAD	4	351	417	301	351
26259	68110	LEAD	2	402	607	340	491
26260	68110	LEAD	4	252	388	229	329
26267	68110	LEAD	4	128	130	137	138
26298	68110	LEAD	4	394	517	333	424
26339	68110	LEAD	4	130	150	138	153
26341	68110	LEAD	4	227	333	210	288
26365	68110	LEAD	4	455	506	379	417
26367	68110	LEAD	4	274	422	245	354
26369	68110	LEAD	4	1385	2401	1067	1819
26384	68110	LEAD	4	131	173	139	170
26386	68110	LEAD	4	95	114	112	127
26389	68110	LEAD	4	98	122	115	133
26393	68110	LEAD	4	85	111	105	124
26398	68110	LEAD	4	118	132	129	140

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26402	68110	LEAD	4	274	507	244	417
26410	68110	LEAD	4	267	419	240	352
26411	68110	LEAD	4	169	234	167	215
26447	68110	LEAD	4	345	629	297	507
26452	68110	LEAD	4	145	200	150	190
26454	68110	LEAD	4	126	156	135	157
26460	68110	LEAD	4	699	1056	559	823
26462	68110	LEAD	4	141	162	146	162
26465	68110	LEAD	2	474	602	393	488
26502	68110	LEAD	4	426	666	357	535
26508	68110	LEAD	2	289	362	256	310
26511	68110	LEAD	4	615	947	497	743
26527	68110	LEAD	4	461	676	383	543
26533	68110	LEAD	4	90	105	109	120
26540	68110	LEAD	4	71	76	94	98
26544	68110	LEAD	4	284	482	252	398
26546	68110	LEAD	4	135	158	142	159
26548	68110	LEAD	4	100	170	116	168
26550	68110	LEAD	4	370	652	316	525
26551	68110	LEAD	4	65	90	90	109
26557	68110	LEAD	4	670	808	538	640
26559	68110	LEAD	4	214	352	200	303
26563	68110	LEAD	4	228	309	211	271
26568	68110	LEAD	4	119	148	130	151
26572	68110	LEAD	4	181	229	176	212
26584	68110	LEAD	4	356	674	305	541
26608	68110	LEAD	4	270	500	242	412
26622	68110	LEAD	4	260	388	234	329
26623	68110	LEAD	4	539	637	441	513
26627	68110	LEAD	4	163	195	162	187
26639	68110	LEAD	4	352	699	302	560
26697	68110	LEAD	4	112	176	125	172
26701	68110	LEAD	4	163	221	163	205
26703	68110	LEAD	4	199	299	189	263
26704	68110	LEAD	4	220	247	205	225
26706	68110	LEAD	4	113	159	126	160
26707	68110	LEAD	4	208	249	196	226
26708	68110	LEAD	4	164	285	163	253
26709	68110	LEAD	4	243	401	222	339
26731	68110	LEAD	4	258	403	233	340
26762	68110	LEAD	4	82	124	103	134
26809	68110	LEAD	2	236	255	217	230
26823	68110	LEAD	4	133	209	141	196
26835	68110	LEAD	4	339	481	293	398
26838	68110	LEAD	4	240	352	220	303

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26841	68110	LEAD	4	88	124	107	133
26843	68110	LEAD	4	176	182	173	176
26846	68110	LEAD	4	153	202	155	191
26862	68110	LEAD	4	142	183	147	178
26873	68110	LEAD	4	179	276	175	246
26895	68110	LEAD	5	189	248	182	226
26917	68110	LEAD	4	250	362	227	310
26919	68110	LEAD	4	183	225	178	209
26921	68110	LEAD	4	396	467	335	388
26924	68110	LEAD	4	96	140	113	146
26929	68110	LEAD	4	62	66	88	91
26946	68110	LEAD	4	89	127	108	136
26969	68110	LEAD	4	222	263	206	237
26974	68110	LEAD	4	219	327	204	284
26975	68110	LEAD	4	411	931	346	731
26979	68110	LEAD	4	153	306	155	269
27023	68110	LEAD	4	375	522	320	428
27030	68110	LEAD	4	150	168	153	167
27034	68110	LEAD	4	81	115	102	127
27044	68110	LEAD	4	108	130	122	138
27049	68110	LEAD	4	147	174	151	171
27057	68110	LEAD	4	136	242	143	221
27059	68110	LEAD	4	128	202	137	192
27065	68110	LEAD	4	151	178	153	174
27069	68110	LEAD	4	87	137	106	143
27076	68110	LEAD	4	115	140	127	146
27088	68110	LEAD	4	122	151	133	153
27089	68110	LEAD	4	426	787	357	624
27098	68110	LEAD	4	81	143	102	148
27126	68110	LEAD	4	306	538	269	440
27181	68110	LEAD	4	124	163	133	163
27187	68110	LEAD	4	126	201	136	191
27232	68110	LEAD	4	91	125	109	134
27233	68110	LEAD	4	451	721	376	576
27235	68110	LEAD	4	215	479	201	396
27261	68110	LEAD	4	428	566	358	461
27284	68110	LEAD	4	152	225	155	209
27287	68110	LEAD	4	52	61	81	87
27291	68110	LEAD	4	281	353	250	303
27296	68110	LEAD	4	387	511	328	420
27327	68110	LEAD	3	797	1132	632	880
27332	68110	LEAD	4	999	2060	781	1566
27339	68110	LEAD	4	171	278	168	248
27343	68110	LEAD	4	300	422	264	354
27352	68110	LEAD	4	160	228	161	210

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27378	68110	LEAD	4	410	629	345	507
27386	68110	LEAD	4	80	132	101	140
27389	68110	LEAD	4	445	575	371	468
27400	68110	LEAD	4	655	1011	527	790
27406	68110	LEAD	4	166	283	165	251
27407	68110	LEAD	4	411	663	346	533
27417	68110	LEAD	4	1109	1369	863	1055
27435	68110	LEAD	2	840	909	664	715
27436	68110	LEAD	4	466	505	387	416
27501	68110	LEAD	3	253	298	229	263
27527	68110	LEAD	2	608	651	492	524
27541	68110	LEAD	4	246	376	224	320
27554	68110	LEAD	4	717	852	573	672
27589	68110	LEAD	4	496	843	409	666
27592	68110	LEAD	4	587	993	477	777
27628	68110	LEAD	4	444	821	371	650
27643	68110	LEAD	4	803	1023	637	799
27649	68110	LEAD	4	490	860	404	678
27667	68110	LEAD	4	301	431	265	361
27680	68110	LEAD	4	360	479	309	396
27683	68110	LEAD	4	123	385	133	327
27690	68110	LEAD	4	371	444	317	370
27693	68110	LEAD	4	429	620	360	501
27704	68110	LEAD	4	300	337	264	292
27730	68110	LEAD	4	1407	3641	1083	2736
27735	68110	LEAD	4	310	464	272	385
27749	68110	LEAD	4	487	603	402	488
27753	68110	LEAD	4	448	682	373	546
27756	68110	LEAD	4	376	475	320	394
27771	68110	LEAD	4	337	371	291	316
27781	68110	LEAD	4	221	532	205	436
27796	68110	LEAD	3	306	671	268	538
27815	68110	LEAD	4	156	220	158	205
27816	68110	LEAD	4	214	297	200	262
27818	68110	LEAD	4	487	975	402	764
27820	68110	LEAD	4	188	333	181	288
27821	68110	LEAD	4	224	427	208	358
27822	68110	LEAD	4	196	212	187	199
27826	68110	LEAD	3	389	442	330	369
27828	68110	LEAD	4	514	789	423	626
27835	68110	LEAD	4	228	323	211	281
27838	68110	LEAD	4	392	414	332	349
27839	68110	LEAD	4	538	646	440	520
27840	68110	LEAD	3	124	226	134	209
27841	68110	LEAD	4	452	632	377	510

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27844	68110	LEAD	4	87	135	106	142
27847	68110	LEAD	4	72	77	95	99
27849	68110	LEAD	4	475	672	394	539
27852	68110	LEAD	4	493	740	407	590
27855	68110	LEAD	4	304	401	267	338
27881	68110	LEAD	4	471	958	391	751
27884	68110	LEAD	4	584	1156	474	898
27889	68110	LEAD	4	155	199	157	189
27907	68110	LEAD	4	81	117	102	129
27927	68110	LEAD	4	220	375	205	320
27928	68110	LEAD	4	527	756	432	602
27944	68110	LEAD	4	567	699	462	559
27955	68110	LEAD	4	253	316	229	276
27956	68110	LEAD	4	457	546	380	446
27958	68110	LEAD	4	272	409	244	344
27959	68110	LEAD	4	748	882	596	695
27961	68110	LEAD	4	196	257	187	232
27963	68110	LEAD	4	247	366	225	313
27964	68110	LEAD	4	547	794	447	629
27966	68110	LEAD	4	344	572	297	465
27967	68110	LEAD	4	469	1029	389	803
27968	68110	LEAD	4	630	783	508	621
27971	68110	LEAD	5	37	54	69	82
27973	68110	LEAD	4	373	408	318	344
27984	68110	LEAD	4	720	1050	575	819
28012	68110	LEAD	4	216	347	201	299
28021	68110	LEAD	4	300	450	264	375
28053	68110	LEAD	4	72	164	95	163
28061	68110	LEAD	4	578	676	470	543
28068	68110	LEAD	4	80	89	101	108
28070	68110	LEAD	4	215	240	201	220
28071	68110	LEAD	4	358	501	307	413
28073	68110	LEAD	4	312	346	273	298
28074	68110	LEAD	4	920	1517	723	1164
28075	68110	LEAD	4	237	318	217	277
28077	68110	LEAD	2	462	559	384	456
28080	68110	LEAD	4	106	215	120	201
28081	68110	LEAD	4	447	717	373	573
28086	68110	LEAD	2	153	181	155	176
28092	68110	LEAD	4	426	564	357	459
28098	68110	LEAD	4	180	236	175	217
28113	68110	LEAD	3	429	570	359	464
28116	68110	LEAD	4	390	489	330	404
28120	68110	LEAD	4	251	282	228	251
28152	68110	LEAD	4	418	694	351	556

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28155	68110	LEAD	4	527	835	432	660
28158	68110	LEAD	4	27	31	62	65
28163	68110	LEAD	3	206	396	194	335
28164	68110	LEAD	4	294	466	259	387
28166	68110	LEAD	4	340	551	293	450
28167	68110	LEAD	4	222	305	207	268
28175	68110	LEAD	3	190	227	183	210
28184	68110	LEAD	4	600	761	486	605
28189	68110	LEAD	4	201	291	191	258
28194	68110	LEAD	4	362	566	310	461
28198	68110	LEAD	4	496	770	409	612
28200	68110	LEAD	4	533	884	436	696
28203	68110	LEAD	4	203	315	192	275
28205	68110	LEAD	2	693	762	555	606
28207	68110	LEAD	2	288	404	255	341
28208	68110	LEAD	4	627	721	506	576
28211	68110	LEAD	4	464	642	385	517
28215	68110	LEAD	4	317	456	277	379
28221	68110	LEAD	1	225	225	208	208
28226	68110	LEAD	4	216	361	202	309
28233	68110	LEAD	4	544	769	445	611
28234	68110	LEAD	4	150	178	153	174
28235	68110	LEAD	4	289	442	256	369
28240	68110	LEAD	4	486	704	402	563
28242	68110	LEAD	4	442	797	369	632
28243	68110	LEAD	4	149	189	152	182
28244	68110	LEAD	4	518	694	425	555
28249	68110	LEAD	4	166	230	165	212
28250	68110	LEAD	4	245	450	223	375
28251	68110	LEAD	4	552	733	450	584
28256	68110	LEAD	2	729	994	582	778
28257	68110	LEAD	4	361	423	309	355
28258	68110	LEAD	4	271	319	242	278
28259	68110	LEAD	4	318	429	277	360
28261	68110	LEAD	4	346	448	298	373
28262	68110	LEAD	4	571	727	464	580
28264	68110	LEAD	4	386	464	328	386
28265	68110	LEAD	4	267	350	240	301
28268	68110	LEAD	4	570	648	464	521
28271	68110	LEAD	4	232	287	213	254
28278	68110	LEAD	4	401	582	339	473
28298	68110	LEAD	3	367	559	313	455
28309	68110	LEAD	4	356	562	306	458
28323	68110	LEAD	4	430	734	360	585
28334	68110	LEAD	4	185	451	179	376

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28335	68110	LEAD	4	494	542	408	443
28336	68110	LEAD	3	369	460	315	383
28339	68110	LEAD	4	4063	15081	3049	11202
28340	68110	LEAD	4	178	255	174	231
28341	68110	LEAD	4	139	219	145	204
28342	68110	LEAD	4	270	368	242	314
28343	68110	LEAD	3	365	648	312	521
28354	68110	LEAD	4	505	1148	416	892
28355	68110	LEAD	4	439	518	367	425
28357	68110	LEAD	4	299	434	264	363
28358	68110	LEAD	4	402	553	340	451
28360	68110	LEAD	4	453	517	378	425
28363	68110	LEAD	2	620	751	501	598
28376	68110	LEAD	4	466	609	387	492
28392	68110	LEAD	4	547	602	447	488
28393	68110	LEAD	4	309	533	271	436
28401	68110	LEAD	4	509	524	418	430
28403	68110	LEAD	4	545	965	445	756
28404	68110	LEAD	2	360	475	309	393
28414	68110	LEAD	4	436	711	365	568
28418	68110	LEAD	4	233	250	214	227
28421	68110	LEAD	4	260	410	235	345
28425	68110	LEAD	4	220	246	205	224
28440	68110	LEAD	4	449	507	374	417
28455	68110	LEAD	4	324	381	282	324
28456	68110	LEAD	4	444	806	371	638
28460	68110	LEAD	4	181	280	176	249
28463	68110	LEAD	4	452	769	376	611
28486	68110	LEAD	4	704	870	563	686
28491	68110	LEAD	3	722	834	576	659
28501	68110	LEAD	4	444	560	371	456
28511	68110	LEAD	4	523	728	429	581
28516	68110	LEAD	4	301	431	264	361
28522	68110	LEAD	4	485	607	401	491
28525	68110	LEAD	4	458	668	381	537
28526	68110	LEAD	4	687	804	550	637
28527	68110	LEAD	4	383	506	326	417
28545	68110	LEAD	3	252	376	228	320
28550	68110	LEAD	4	170	203	168	192
28567	68110	LEAD	4	219	241	204	221
28577	68110	LEAD	4	212	481	199	398
28578	68110	LEAD	4	342	833	295	658
28579	68110	LEAD	4	379	474	323	393
28582	68110	LEAD	4	527	831	432	657
28584	68110	LEAD	4	467	662	387	532

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28585	68110	LEAD	4	218	311	203	272
28588	68110	LEAD	4	212	421	199	353
28591	68110	LEAD	4	256	358	232	307
28593	68110	LEAD	4	394	619	334	500
28595	68110	LEAD	4	522	640	429	516
28624	68110	LEAD	4	1165	2292	904	1738
28647	68110	LEAD	4	514	732	422	583
28654	68110	LEAD	4	635	733	512	584
28658	68110	LEAD	4	605	709	489	566
28662	68110	LEAD	4	331	495	287	409
28666	68110	LEAD	4	623	867	503	683
28667	68110	LEAD	3	452	552	376	450
28670	68110	LEAD	4	304	505	267	416
28672	68110	LEAD	4	335	454	290	378
28673	68110	LEAD	4	101	121	116	131
28681	68110	LEAD	4	601	899	486	707
28686	68110	LEAD	4	366	473	313	392
28687	68110	LEAD	4	579	777	470	617
28689	68110	LEAD	4	145	188	149	181
28698	68110	LEAD	4	182	379	177	322
28699	68110	LEAD	4	295	443	260	370
28702	68110	LEAD	3	317	366	277	313
28704	68110	LEAD	4	227	319	210	278
28707	68110	LEAD	4	563	737	459	587
28708	68110	LEAD	4	673	895	540	704
28710	68110	LEAD	4	929	2454	730	1858
28711	68110	LEAD	5	532	767	436	610
28715	68110	LEAD	4	419	708	352	566
28717	68110	LEAD	4	563	951	459	745
28719	68110	LEAD	4	649	916	522	720
28726	68110	LEAD	4	421	557	354	454
28742	68110	LEAD	4	447	650	373	523
28756	68110	LEAD	4	174	464	171	386
28761	68110	LEAD	4	304	425	267	357
28765	68110	LEAD	4	243	326	222	283
28769	68110	LEAD	4	72	93	95	111
28774	68110	LEAD	4	975	1151	763	894
28795	68110	LEAD	4	294	408	260	344
28797	68110	LEAD	3	342	557	295	454
28801	68110	LEAD	4	375	540	320	441
28802	68110	LEAD	3	419	575	352	467
28807	68110	LEAD	5	619	853	500	674
28808	68110	LEAD	4	327	527	284	432
28813	68110	LEAD	4	656	1191	527	923
28817	68110	LEAD	4	285	402	253	339

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28820	68110	LEAD	4	588	874	477	689
28823	68110	LEAD	4	481	948	398	744
28824	68110	LEAD	5	1677	3880	1283	2913
28827	68110	LEAD	4	353	675	303	542
28839	68110	LEAD	4	200	302	190	266
28848	68110	LEAD	3	425	684	356	548
28857	68110	LEAD	4	393	572	333	466
28859	68110	LEAD	4	733	804	584	637
28860	68110	LEAD	4	214	318	201	278
28862	68110	LEAD	4	211	279	198	249
28863	68110	LEAD	4	347	426	299	357
28867	68110	LEAD	1	449	449	374	374
28891	68110	LEAD	4	614	790	496	627
28902	68110	LEAD	4	414	533	348	436
28903	68110	LEAD	4	347	475	299	394
28905	68110	LEAD	4	255	386	230	328
28910	68110	LEAD	4	955	1122	749	872
28912	68110	LEAD	4	436	727	365	580
28916	68110	LEAD	4	290	407	257	343
28918	68110	LEAD	4	650	888	523	699
28919	68110	LEAD	4	479	799	397	633
28923	68110	LEAD	4	344	635	297	512
28924	68110	LEAD	4	575	766	468	609
28926	68110	LEAD	4	408	496	344	409
28929	68110	LEAD	4	388	418	329	351
28938	68110	LEAD	4	349	375	300	320
28944	68110	LEAD	4	363	517	311	424
28948	68110	LEAD	2	379	437	323	365
28953	68110	LEAD	4	367	476	314	394
28974	68110	LEAD	4	554	690	452	553
28977	68110	LEAD	4	339	406	293	342
28986	68110	LEAD	4	730	1392	582	1072
28995	68110	LEAD	4	282	623	251	503
28999	68110	LEAD	4	130	185	138	179
29000	68110	LEAD	4	398	619	337	500
29005	68110	LEAD	2	859	956	678	749
29011	68110	LEAD	4	581	769	472	611
29014	68110	LEAD	2	203	269	192	241
29018	68110	LEAD	2	564	803	459	636
29020	68110	LEAD	2	297	345	262	297
29024	68110	LEAD	4	581	842	472	665
29026	68110	LEAD	4	726	959	580	751
29027	68110	LEAD	4	304	396	267	335
29029	68110	LEAD	4	670	1194	538	925
29042	68110	LEAD	3	788	838	625	662

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29044	68110	LEAD	4	423	596	355	483
29055	68110	LEAD	2	416	485	350	401
29058	68110	LEAD	4	519	885	426	697
29059	68110	LEAD	4	408	458	344	381
29063	68110	LEAD	4	436	612	365	495
29084	68110	LEAD	4	523	869	429	685
29087	68110	LEAD	4	420	598	352	485
29091	68110	LEAD	4	607	890	491	700
29092	68110	LEAD	4	576	691	468	553
29093	68110	LEAD	4	214	273	201	244
29095	68110	LEAD	4	432	543	362	444
29096	68110	LEAD	4	651	947	524	743
29104	68110	LEAD	4	549	849	449	671
29107	68110	LEAD	4	304	424	267	356
29110	68110	LEAD	5	446	781	372	620
29113	68110	LEAD	3	581	710	472	567
29117	68110	LEAD	4	431	796	361	631
29120	68110	LEAD	4	348	827	300	654
29121	68110	LEAD	4	259	579	233	471
29124	68110	LEAD	4	168	319	166	278
29135	68110	LEAD	4	401	677	338	543
29151	68110	LEAD	4	252	345	228	297
29154	68110	LEAD	4	299	571	263	465
29156	68110	LEAD	4	259	304	234	267
29159	68110	LEAD	4	390	534	331	437
29164	68110	LEAD	4	264	325	237	282
29194	68110	LEAD	3	464	497	386	410
29197	68110	LEAD	4	747	1139	595	885
29199	68110	LEAD	4	550	746	449	594
29202	68110	LEAD	4	325	443	283	370
29207	68110	LEAD	4	340	540	293	441
29212	68110	LEAD	4	636	1206	513	935
29215	68110	LEAD	4	308	414	270	349
29218	68110	LEAD	4	182	463	177	384
29226	68110	LEAD	4	218	382	203	325
29230	68110	LEAD	4	479	558	396	455
29231	68110	LEAD	4	499	789	411	626
29233	68110	LEAD	4	346	571	298	465
29236	68110	LEAD	4	275	377	246	321
29238	68110	LEAD	4	446	613	372	496
29249	68110	LEAD	4	577	625	469	505
29257	68110	LEAD	4	276	367	246	314
29267	68110	LEAD	4	459	833	382	658
29269	68110	LEAD	4	306	365	268	312
29271	68110	LEAD	3	175	215	172	201

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29273	68110	LEAD	1	527	527	432	432
29275	68110	LEAD	4	324	641	282	517
29277	68110	LEAD	4	347	396	299	335
29282	68110	LEAD	4	256	401	232	338
29283	68110	LEAD	4	388	588	329	477
29284	68110	LEAD	4	568	717	462	572
29287	68110	LEAD	4	503	737	415	587
29288	68110	LEAD	4	884	1461	696	1123
29289	68110	LEAD	2	490	558	404	455
29290	68110	LEAD	5	438	495	366	408
29292	68110	LEAD	4	507	849	417	670
29295	68110	LEAD	4	376	481	320	398
29298	68110	LEAD	4	210	385	198	327
29312	68110	LEAD	4	475	738	394	588
29315	68110	LEAD	4	365	511	312	420
29319	68110	LEAD	4	320	448	279	374
29323	68110	LEAD	4	716	837	572	662
29324	68110	LEAD	4	323	474	281	392
29329	68110	LEAD	4	720	852	575	673
29332	68110	LEAD	5	556	790	453	626
29338	68110	LEAD	4	661	797	531	632
29345	68110	LEAD	4	434	654	363	526
29346	68110	LEAD	4	281	323	250	281
29350	68110	LEAD	2	253	400	229	338
29353	68110	LEAD	4	143	223	148	207
29359	68110	LEAD	4	671	929	539	730
29360	68110	LEAD	4	255	492	230	406
29361	68110	LEAD	4	285	425	253	357
29363	68110	LEAD	4	743	904	592	711
29365	68110	LEAD	4	318	513	277	421
29367	68110	LEAD	4	504	591	415	479
29371	68110	LEAD	4	666	1141	535	886
29374	68110	LEAD	4	478	632	396	510
29376	68110	LEAD	4	382	579	325	471
29382	68110	LEAD	4	488	974	403	763
29387	68110	LEAD	4	349	467	300	388
29389	68110	LEAD	4	298	522	262	429
29393	68110	LEAD	4	241	378	220	322
29412	68110	LEAD	4	582	898	473	706
29421	68110	LEAD	4	353	453	303	378
29423	68110	LEAD	4	341	478	295	395
29424	68110	LEAD	4	428	749	359	596
29435	68110	LEAD	4	202	265	192	238
29437	68110	LEAD	5	94	191	112	183
29447	68110	LEAD	4	213	400	200	338

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29452	68110	LEAD	4	251	357	228	306
29453	68110	LEAD	4	161	277	161	247
29458	68110	LEAD	5	566	771	461	613
29478	68110	LEAD	4	552	1115	450	867
29482	68110	LEAD	4	292	400	258	338
29485	68110	LEAD	3	1328	1482	1025	1139
29493	68110	LEAD	4	527	661	432	531
29494	68110	LEAD	4	269	447	241	373
29500	68110	LEAD	4	370	408	316	344
29503	68110	LEAD	4	474	670	393	537
29505	68110	LEAD	4	434	540	363	441
29506	68110	LEAD	4	254	350	230	301
29510	68110	LEAD	2	274	387	245	328
29513	68110	LEAD	4	218	399	203	337
29515	68110	LEAD	4	498	825	410	652
29524	68110	LEAD	4	386	453	327	377
29530	68110	LEAD	4	457	633	380	510
29533	68110	LEAD	4	422	697	354	558
29542	68110	LEAD	4	227	326	210	283
29545	68110	LEAD	4	496	857	409	676
29549	68110	LEAD	4	502	713	414	570
29550	68110	LEAD	4	518	700	425	560
29554	68110	LEAD	4	221	251	206	227
29587	68110	LEAD	4	309	484	271	400
29590	68110	LEAD	2	315	402	275	339
29591	68110	LEAD	3	445	742	372	591
29593	68110	LEAD	4	573	1361	466	1049
29609	68110	LEAD	4	740	807	589	639
29610	68110	LEAD	4	296	410	261	345
29634	68110	LEAD	4	433	578	363	470
29637	68110	LEAD	2	279	298	249	263
29640	68110	LEAD	4	339	535	293	438
29645	68110	LEAD	4	329	507	285	418
29647	68110	LEAD	4	416	602	350	487
29651	68110	LEAD	4	531	736	435	587
29653	68110	LEAD	4	540	879	441	693
29657	68110	LEAD	4	324	445	282	371
29663	68110	LEAD	4	667	867	535	684
29665	68110	LEAD	4	468	691	388	553
29674	68110	LEAD	4	583	805	473	637
29679	68110	LEAD	4	514	790	422	627
29685	68110	LEAD	2	199	261	189	235
29686	68110	LEAD	4	313	380	274	323
29687	68110	LEAD	4	279	399	248	337
29692	68110	LEAD	4	3664	12416	2753	9230

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29693	68110	LEAD	4	370	512	316	421
29696	68110	LEAD	4	411	566	346	461
29698	68110	LEAD	2	187	238	180	218
29701	68110	LEAD	4	422	771	355	613
29708	68110	LEAD	4	558	782	455	620
29719	68110	LEAD	4	458	732	381	584
29723	68110	LEAD	2	386	518	327	425
29726	68110	LEAD	4	512	710	421	568
29728	68110	LEAD	4	844	1462	667	1124
29730	68110	LEAD	4	127	208	136	196
29732	68110	LEAD	3	584	720	474	575
29734	68110	LEAD	2	456	705	379	564
29738	68110	LEAD	4	82	146	103	150
29740	68110	LEAD	4	286	343	254	296
29742	68110	LEAD	3	347	384	299	326
29744	68110	LEAD	3	327	467	284	387
29745	68110	LEAD	5	339	653	293	525
29746	68110	LEAD	4	652	1038	524	810
29750	68110	LEAD	4	885	1164	697	903
29752	68110	LEAD	4	469	629	389	507
29753	68110	LEAD	4	745	2169	594	1647
29754	68110	LEAD	4	157	334	158	289
29756	68110	LEAD	4	158	236	159	217
29757	68110	LEAD	4	124	244	134	222
29758	68110	LEAD	4	116	152	127	154
29759	68110	LEAD	4	120	151	131	154
29762	68110	LEAD	4	644	743	519	592
29766	68110	LEAD	4	279	559	249	455
29773	68110	LEAD	5	318	478	277	396
29774	68110	LEAD	3	166	222	165	206
29776	68110	LEAD	4	414	500	349	412
29782	68110	LEAD	4	66	117	91	129
29786	68110	LEAD	2	451	459	376	381
29795	68110	LEAD	4	309	385	271	327
29812	68110	LEAD	4	390	438	331	366
29813	68110	LEAD	4	794	965	630	756
29822	68110	LEAD	4	489	790	404	626
29834	68110	LEAD	4	306	384	269	326
29836	68110	LEAD	4	293	384	259	326
29844	68110	LEAD	4	230	253	212	229
29850	68110	LEAD	4	225	366	209	313
29853	68110	LEAD	4	28	49	63	78
29856	68110	LEAD	4	38	72	70	95
29858	68110	LEAD	4	42	108	73	122
29862	68110	LEAD	4	90	236	108	217

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29866	68110	LEAD	4	306	660	269	530
29869	68110	LEAD	4	91	120	109	131
29870	68110	LEAD	4	126	183	135	178
29872	68110	LEAD	4	258	355	233	304
29873	68110	LEAD	4	90	122	109	132
29874	68110	LEAD	4	466	654	387	526
29875	68110	LEAD	4	122	140	132	146
29877	68110	LEAD	3	342	416	295	350
29878	68110	LEAD	4	685	1284	549	992
29879	68110	LEAD	4	249	378	226	322
29880	68110	LEAD	4	587	947	476	743
29882	68110	LEAD	4	550	738	449	588
29883	68110	LEAD	4	626	889	505	699
29884	68110	LEAD	4	513	697	421	558
29885	68110	LEAD	4	572	855	465	675
29886	68110	LEAD	4	400	510	338	420
29887	68110	LEAD	4	428	551	359	450
29892	68110	LEAD	4	432	528	361	432
29906	68110	LEAD	4	254	371	230	316
29908	68110	LEAD	4	294	519	260	426
29909	68110	LEAD	4	301	350	265	301
29911	68110	LEAD	4	598	1237	485	958
29913	68110	LEAD	5	408	633	344	511
29914	68110	LEAD	4	149	286	152	254
29916	68110	LEAD	3	224	307	208	269
29920	68110	LEAD	4	236	298	217	263
29921	68110	LEAD	4	309	455	271	378
29925	68110	LEAD	4	294	399	260	337
29931	68110	LEAD	4	258	312	233	273
29934	68110	LEAD	4	668	2362	537	1790
29936	68110	LEAD	4	176	371	173	317
29939	68110	LEAD	4	182	273	176	244
29941	68110	LEAD	4	1205	1584	934	1215
29942	68110	LEAD	4	521	603	428	488
29943	68110	LEAD	1	434	434	363	363
29947	68110	LEAD	4	544	671	445	538
29952	68110	LEAD	4	267	397	240	336
29989	68110	LEAD	4	397	609	336	493
30009	68110	LEAD	4	62	83	88	103
30011	68110	LEAD	4	128	209	136	197
30013	68110	LEAD	4	337	504	291	415
30015	68110	LEAD	4	103	174	118	171
30017	68110	LEAD	4	120	224	131	208
30020	68110	LEAD	4	294	594	259	481
30022	68110	LEAD	4	459	640	382	516

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30023	68110	LEAD	4	742	1423	591	1095
30025	68110	LEAD	4	138	183	144	177
30026	68110	LEAD	4	147	162	151	162
30028	68110	LEAD	4	195	278	186	248
30030	68110	LEAD	4	184	334	178	289
30031	68110	LEAD	4	194	280	186	249
30033	68110	LEAD	4	192	244	184	223
30035	68110	LEAD	4	454	615	378	497
30038	68110	LEAD	4	110	158	123	159
30043	68110	LEAD	4	366	641	313	516
30046	68110	LEAD	4	633	777	510	617
30053	68110	LEAD	4	226	381	209	324
30056	68110	LEAD	4	392	466	332	387
30057	68110	LEAD	4	592	1231	480	953
30059	68110	LEAD	4	250	301	227	264
30061	68110	LEAD	4	343	466	296	387
30064	68110	LEAD	4	881	1330	694	1026
30096	68110	LEAD	4	626	858	505	677
30108	68110	LEAD	4	172	276	169	246
30113	68110	LEAD	4	295	392	260	332
30118	68110	LEAD	4	208	318	196	277
30127	68110	LEAD	4	87	112	107	125
30134	68110	LEAD	4	126	200	135	190
30138	68110	LEAD	4	144	235	149	216
30142	68110	LEAD	4	141	249	146	226
30149	68110	LEAD	4	116	183	128	177
30151	68110	LEAD	4	612	911	495	716
30152	68110	LEAD	4	365	551	312	449
30172	68110	LEAD	4	423	593	355	481
30181	68110	LEAD	4	278	423	248	355
30186	68110	LEAD	4	515	735	423	586
30189	68110	LEAD	4	222	262	206	236
30193	68110	LEAD	3	333	503	288	414
30210	68110	LEAD	1	1227	1227	950	950
30247	68110	LEAD	4	799	1701	633	1300
30250	68110	LEAD	4	179	428	175	359
30266	68110	LEAD	3	874	1214	688	940
30271	68110	LEAD	4	323	542	281	443
30277	68110	LEAD	4	211	557	198	454
30279	68110	LEAD	2	185	214	179	200
30281	68110	LEAD	4	106	178	120	174
30284	68110	LEAD	4	91	193	109	185
30287	68110	LEAD	4	93	137	111	144
30291	68110	LEAD	4	367	464	314	385
30305	68110	LEAD	4	606	818	490	647

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30323	68110	LEAD	4	448	741	373	590
30331	68110	LEAD	4	296	370	261	316
30336	68110	LEAD	4	315	431	275	361
30342	68110	LEAD	4	129	160	138	161
30344	68110	LEAD	4	120	175	130	172
30348	68110	LEAD	4	166	273	165	244
30351	68110	LEAD	5	85	123	105	133
30356	68110	LEAD	4	480	828	397	655
30357	68110	LEAD	4	380	439	323	367
30359	68110	LEAD	4	128	201	137	190
30370	68110	LEAD	4	107	233	121	215
30372	68110	LEAD	4	197	330	188	286
30376	68110	LEAD	4	655	900	527	708
30381	68110	LEAD	4	1017	1520	794	1167
30389	68110	LEAD	4	190	272	183	244
30394	68110	LEAD	5	774	1204	615	933
30397	68110	LEAD	4	184	472	178	392
30403	68110	LEAD	4	300	415	264	349
30405	68110	LEAD	4	733	1207	584	935
30407	68110	LEAD	4	341	707	295	565
30409	68110	LEAD	4	605	683	490	547
30410	68110	LEAD	3	424	529	356	433
30414	68110	LEAD	5	464	863	385	680
30422	68110	LEAD	4	421	508	353	418
30436	68110	LEAD	4	381	440	324	368
30438	68110	LEAD	4	210	340	197	294
30443	68110	LEAD	4	642	846	517	668
30446	68110	LEAD	3	500	661	412	531
30459	68110	LEAD	5	292	404	258	341
30469	68110	LEAD	4	334	510	289	419
30470	68110	LEAD	4	247	404	225	341
30472	68110	LEAD	4	250	645	227	519
30478	68110	LEAD	4	147	253	151	229
30481	68110	LEAD	4	137	176	143	172
30487	68110	LEAD	4	216	482	202	399
30492	68110	LEAD	4	222	432	206	362
30493	68110	LEAD	4	895	2046	704	1556
30495	68110	LEAD	5	183	210	178	198
30500	68110	LEAD	4	208	360	196	308
30510	68110	LEAD	4	115	220	127	204
30516	68110	LEAD	4	713	1142	570	887
30519	68110	LEAD	4	442	817	369	646
30524	68110	LEAD	4	440	649	368	522
30527	68110	LEAD	4	490	700	405	560
30541	68110	LEAD	5	594	976	482	764

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30542	68110	LEAD	4	453	579	377	471
30543	68110	LEAD	4	441	626	368	505
30546	68110	LEAD	4	470	501	390	413
30551	68110	LEAD	4	648	1460	521	1122
30553	68110	LEAD	4	347	396	299	335
30556	68110	LEAD	4	271	324	243	282
30565	68110	LEAD	4	267	367	239	313
30566	68110	LEAD	4	534	647	437	521
30568	68110	LEAD	4	479	652	396	525
30575	68110	LEAD	4	746	1324	594	1022
30579	68110	LEAD	4	486	1162	402	902
30582	68110	LEAD	4	503	881	414	694
30590	68110	LEAD	4	142	229	147	211
30593	68110	LEAD	4	267	378	239	322
30594	68110	LEAD	4	198	268	188	240
30598	68110	LEAD	4	315	434	275	363
30599	68110	LEAD	4	137	186	143	179
30604	68110	LEAD	4	304	334	267	289
30607	68110	LEAD	4	285	384	253	326
30611	68110	LEAD	4	258	746	233	594
30615	68110	LEAD	3	543	855	444	675
30631	68110	LEAD	4	329	464	285	385
30632	68110	LEAD	4	422	741	355	591
30633	68110	LEAD	4	458	674	381	541
30636	68110	LEAD	4	608	745	492	593
30637	68110	LEAD	4	291	322	257	280
30651	68110	LEAD	4	374	538	319	440
30655	68110	LEAD	5	454	627	378	506
30657	68110	LEAD	3	347	454	299	378
30665	68110	LEAD	4	504	829	415	656
30668	68110	LEAD	4	512	812	421	643
30680	68110	LEAD	4	385	584	327	474
30681	68110	LEAD	4	181	240	176	220
30682	68110	LEAD	4	400	565	338	460
30688	68110	LEAD	4	192	317	184	277
30689	68110	LEAD	4	389	469	330	389
30698	68110	LEAD	4	386	432	328	362
30705	68110	LEAD	4	409	629	345	507
30710	68110	LEAD	4	172	385	170	327
30715	68110	LEAD	4	161	337	161	292
30719	68110	LEAD	4	264	369	237	315
30720	68110	LEAD	4	150	308	153	270
30724	68110	LEAD	4	101	130	117	138
30727	68110	LEAD	4	364	920	311	723
30730	68110	LEAD	3	459	613	382	496

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30734	68110	LEAD	4	369	473	315	392
30736	68110	LEAD	1	123	123	133	133
30738	68110	LEAD	4	539	872	441	687
30739	68110	LEAD	2	75	76	98	98
30740	68110	LEAD	3	375	437	319	365
30741	68110	LEAD	2	91	108	109	122
30748	68110	LEAD	1	75	75	98	98
30771	68110	LEAD	4	420	695	353	557
30774	68110	LEAD	4	435	559	364	456
30778	68110	LEAD	4	663	940	533	737
30784	68110	LEAD	4	250	338	227	292
30786	68110	LEAD	4	634	712	511	569
30788	68110	LEAD	4	123	325	133	282
30789	68110	LEAD	4	880	1180	693	915
30797	68110	LEAD	4	453	569	377	463
30803	68110	LEAD	3	501	578	413	470
30811	68110	LEAD	3	87	136	106	143
30815	68110	LEAD	4	356	627	305	506
30827	68110	LEAD	3	431	475	361	394
30840	68110	LEAD	4	551	779	450	619
30842	68110	LEAD	4	727	1206	580	934
30845	68110	LEAD	2	142	189	147	182
30851	68110	LEAD	2	57	78	85	100
30852	68110	LEAD	4	46	79	76	101
30853	68110	LEAD	4	346	582	298	472
30854	68110	LEAD	2	109	149	123	152
30865	68110	LEAD	4	326	378	283	322
30867	68110	LEAD	2	67	92	92	110
30869	68110	LEAD	4	271	381	243	324
30870	68110	LEAD	4	405	485	342	401
30872	68110	LEAD	4	303	350	266	301
30875	68110	LEAD	4	387	475	328	394
30878	68110	LEAD	4	294	448	260	374
30883	68110	LEAD	4	456	650	379	523
30890	68110	LEAD	4	406	620	343	501
30892	68110	LEAD	2	133	142	140	147
30896	68110	LEAD	5	239	314	219	274
30900	68110	LEAD	4	377	483	321	400
30924	68110	LEAD	4	338	483	292	399
30938	68110	LEAD	4	328	478	285	395
30940	68110	LEAD	4	118	174	129	171
30944	68110	LEAD	3	60	73	86	96
30950	68110	LEAD	2	60	60	87	87
30954	68110	LEAD	4	579	931	470	731
30961	68110	LEAD	4	408	514	344	422

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30963	68110	LEAD	4	223	256	207	231
30980	68110	LEAD	3	259	341	234	294
30982	68110	LEAD	4	553	851	451	671
30986	68110	LEAD	4	208	286	196	254
30987	68110	LEAD	4	1492	2243	1146	1702
30992	68110	LEAD	4	427	561	358	457
30994	68110	LEAD	5	288	450	255	375
30998	68110	LEAD	4	276	349	246	300
31002	68110	LEAD	4	311	499	272	411
31021	68110	LEAD	4	104	122	119	133
31025	68110	LEAD	4	134	287	141	254
31028	68110	LEAD	5	330	600	286	486
31033	68110	LEAD	4	506	627	416	506
31038	68110	LEAD	4	205	306	194	269
31039	68110	LEAD	4	137	168	143	166
31043	68110	LEAD	3	349	419	300	352
31048	68110	LEAD	2	675	680	541	545
31068	68110	LEAD	4	481	751	398	598
31084	68110	LEAD	3	136	190	142	182
31085	68110	LEAD	2	86	92	106	110
31094	68110	LEAD	4	481	795	398	630
31097	68110	LEAD	4	462	668	384	537
31098	68110	LEAD	4	435	576	364	468
31105	68110	LEAD	2	73	83	96	104
31111	68110	LEAD	4	196	243	187	222
31150	68110	LEAD	3	494	612	407	495
31153	68110	LEAD	4	339	429	293	359
31155	68110	LEAD	4	568	951	462	746
31157	68110	LEAD	4	350	424	301	356
31158	68110	LEAD	4	355	467	304	388
31160	68110	LEAD	4	397	643	336	518
31165	68110	LEAD	2	209	217	197	203
31166	68110	LEAD	4	521	631	427	509
31170	68110	LEAD	4	377	505	321	416
31174	68110	LEAD	2	67	75	92	98
31177	68110	LEAD	3	611	798	494	633
31187	68110	LEAD	4	355	466	305	387
31195	68110	LEAD	1	39	39	71	71
31197	68110	LEAD	2	73	80	96	101
31201	68110	LEAD	1	73	73	96	96
31204	68110	LEAD	3	72	132	96	140
31216	68110	LEAD	4	439	524	367	430
31223	68110	LEAD	4	529	846	434	668
31224	68110	LEAD	2	115	139	127	145
31228	68110	LEAD	4	248	496	225	409

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31231	68110	LEAD	4	369	647	315	521
31235	68110	LEAD	4	554	875	452	689
31250	68110	LEAD	4	555	846	452	668
31260	68110	LEAD	3	155	241	157	220
31263	68110	LEAD	4	537	849	439	670
31278	68110	LEAD	4	622	1151	502	894
31289	68110	LEAD	4	363	408	311	344
31290	68110	LEAD	4	521	632	427	509
31293	68110	LEAD	4	239	303	219	266
31314	68110	LEAD	2	57	60	84	86
31326	68110	LEAD	4	116	195	128	187
31327	68110	LEAD	3	172	226	169	209
31329	68110	LEAD	4	354	560	304	456
31332	68110	LEAD	4	389	546	330	446
31335	68110	LEAD	4	356	489	305	404
31343	68110	LEAD	4	332	700	288	560
31347	68110	LEAD	4	471	695	390	557
31350	68110	LEAD	5	193	245	185	223
31354	68110	LEAD	4	582	727	473	580
31359	68110	LEAD	4	389	656	330	528
31369	68110	LEAD	4	338	517	292	425
31394	68110	LEAD	5	332	576	288	468
31399	68110	LEAD	4	369	519	315	426
31401	68110	LEAD	4	1248	1810	966	1381
31410	68110	LEAD	4	184	301	178	265
31422	68110	LEAD	4	325	362	282	310
31448	68110	LEAD	3	286	363	253	311
31459	68110	LEAD	4	463	573	385	466
31462	68110	LEAD	4	178	353	174	303
31466	68110	LEAD	4	316	466	276	387
31486	68110	LEAD	4	227	231	210	213
31493	68110	LEAD	4	329	681	285	546
31496	68110	LEAD	4	127	191	136	183
31504	68110	LEAD	4	140	337	146	291
31536	68110	LEAD	4	287	367	254	313
31537	68110	LEAD	4	145	228	149	211
31539	68110	LEAD	4	151	250	154	227
31543	68110	LEAD	4	221	303	206	266
31552	68110	LEAD	4	89	131	108	139
31568	68110	LEAD	4	748	2356	595	1786
31594	68110	LEAD	4	250	522	227	428
31596	68110	LEAD	4	369	660	315	530
31605	68110	LEAD	4	451	650	376	523
31614	68110	LEAD	4	698	1725	558	1318
31623	68110	LEAD	4	288	347	255	299

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31630	68110	LEAD	4	385	746	327	594
31632	68110	LEAD	5	427	612	358	495
31633	68110	LEAD	5	647	788	521	625
31639	68110	LEAD	4	464	691	385	554
31645	68110	LEAD	5	373	477	318	395
31648	68110	LEAD	4	187	239	180	219
31652	68110	LEAD	3	262	291	236	257
31665	68110	LEAD	4	169	256	167	231
31675	68110	LEAD	4	323	433	281	362
31690	68110	LEAD	4	416	701	350	561
31709	68110	LEAD	4	418	633	352	511
31720	68110	LEAD	3	345	408	297	344
31738	68110	LEAD	4	532	850	435	671
31743	68110	LEAD	4	474	660	393	530
31749	68110	LEAD	4	854	1169	674	907
31753	68110	LEAD	4	342	427	295	358
31757	68110	LEAD	4	508	892	418	702
31760	68110	LEAD	4	66	144	91	149
31767	68110	LEAD	4	418	619	352	500
31781	68110	LEAD	4	226	522	209	429
31807	68110	LEAD	4	467	624	388	504
31814	68110	LEAD	2	197	283	188	251
31818	68110	LEAD	4	302	675	265	541
31820	68110	LEAD	4	269	324	241	281
31830	68110	LEAD	4	287	378	254	322
31832	68110	LEAD	4	536	756	439	602
31842	68110	LEAD	4	215	365	201	312
31867	68110	LEAD	4	518	728	425	580
31893	68110	LEAD	3	431	537	361	439
31898	68110	LEAD	4	489	708	404	566
31912	68110	LEAD	2	238	283	218	252
31920	68110	LEAD	4	194	251	185	228
31931	68110	LEAD	4	427	600	358	486
31942	68110	LEAD	4	311	361	272	309
31951	68110	LEAD	4	772	1474	614	1133
31953	68110	LEAD	4	170	208	168	196
31956	68110	LEAD	4	332	407	288	344
31957	68110	LEAD	2	372	404	317	341
31959	68110	LEAD	4	246	429	224	360
31962	68110	LEAD	4	587	888	476	699
31966	68110	LEAD	4	497	725	410	579
31982	68110	LEAD	4	581	1218	472	943
31990	68110	LEAD	4	99	142	115	147
32019	68110	LEAD	4	620	948	501	744
32029	68110	LEAD	4	659	1051	530	820

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32039	68110	LEAD	2	171	251	169	228
32043	68110	LEAD	4	281	371	250	317
32044	68110	LEAD	4	458	732	381	583
32056	68110	LEAD	4	387	667	328	535
32060	68110	LEAD	4	275	298	246	262
32063	68110	LEAD	4	679	931	545	731
32068	68110	LEAD	4	214	288	201	255
32069	68110	LEAD	4	530	1211	434	938
32078	68110	LEAD	4	363	545	311	446
32080	68110	LEAD	4	303	549	266	449
32086	68110	LEAD	3	170	235	168	216
32088	68110	LEAD	5	208	286	196	254
32122	68110	LEAD	3	485	668	401	536
32127	68110	LEAD	4	684	1139	548	885
32130	68110	LEAD	4	353	442	303	369
32135	68110	LEAD	4	670	867	538	684
32141	68110	LEAD	2	455	541	379	442
32165	68110	LEAD	4	396	612	335	495
32173	68110	LEAD	4	1598	2641	1225	1996
32211	68110	LEAD	4	538	842	440	665
32214	68110	LEAD	4	342	574	295	467
32216	68110	LEAD	4	95	113	112	126
32220	68110	LEAD	4	320	402	279	339
32223	68110	LEAD	4	487	623	403	503
32229	68110	LEAD	4	238	403	218	340
32238	68110	LEAD	4	379	580	322	471
32242	68110	LEAD	4	474	609	393	493
32245	68110	LEAD	4	302	404	266	341
32247	68110	LEAD	4	238	294	218	259
32254	68110	LEAD	4	143	203	148	192
32258	68110	LEAD	4	454	699	378	559
32271	68110	LEAD	3	388	541	329	442
32290	68110	LEAD	3	419	606	352	490
32292	68110	LEAD	4	348	489	299	404
32295	68110	LEAD	4	698	1015	558	793
32299	68110	LEAD	4	115	193	127	184
32312	68110	LEAD	5	206	304	195	267
32329	68110	LEAD	4	199	349	189	301
32343	68110	LEAD	4	66	79	91	101
32354	68110	LEAD	3	362	410	310	345
32356	68110	LEAD	3	268	339	241	293
32357	68110	LEAD	4	188	240	181	220
32363	68110	LEAD	4	297	417	262	351
32373	68110	LEAD	4	584	995	474	778
32392	68110	LEAD	4	303	447	266	372

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32394	68110	LEAD	4	301	525	265	430
32401	68110	LEAD	4	388	619	329	500
32402	68110	LEAD	4	180	218	175	204
32404	68110	LEAD	4	303	396	266	335
32422	68110	LEAD	4	464	696	386	557
32448	68110	LEAD	4	530	864	434	681
32468	68110	LEAD	4	409	560	345	456
32469	68110	LEAD	4	578	1028	469	803
32471	68110	LEAD	4	337	491	291	405
32484	68110	LEAD	5	346	441	298	368
32493	68110	LEAD	4	353	516	303	424
32495	68110	LEAD	4	590	799	478	633
32500	68110	LEAD	3	255	293	231	259
32508	68110	LEAD	4	271	370	243	315
32516	68110	LEAD	4	919	1232	722	953
32520	68110	LEAD	4	649	966	522	757
32525	68110	LEAD	2	613	694	496	556
32526	68110	LEAD	4	375	423	320	355
32529	68110	LEAD	4	285	417	253	350
32536	68110	LEAD	4	501	828	413	655
32540	68110	LEAD	4	566	902	461	709
32564	68110	LEAD	4	379	623	323	503
32570	68110	LEAD	4	313	558	274	455
32584	68110	LEAD	4	382	514	325	423
32588	68110	LEAD	4	328	523	285	429
32601	68110	LEAD	4	366	515	313	423
32610	68110	LEAD	4	230	296	212	261
32621	68110	LEAD	4	418	634	351	511
32627	68110	LEAD	4	472	691	391	553
32628	68110	LEAD	2	577	701	469	561
32635	68110	LEAD	4	311	510	272	420
32637	68110	LEAD	4	355	473	305	392
32641	68110	LEAD	4	323	474	281	392
32645	68110	LEAD	4	361	527	309	432
32650	68110	LEAD	4	546	1221	446	945
32657	68110	LEAD	4	304	373	267	318
32660	68110	LEAD	4	179	218	175	203
32666	68110	LEAD	3	1056	1325	823	1022
32683	68110	LEAD	4	319	494	278	407
32700	68110	LEAD	4	481	761	398	605
32707	68110	LEAD	4	376	464	320	385
32712	68110	LEAD	4	377	539	321	441
32716	68110	LEAD	4	338	422	292	355
32719	68110	LEAD	4	227	290	210	257
32721	68110	LEAD	4	286	389	254	330

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32723	68110	LEAD	4	258	389	233	330
32727	68110	LEAD	4	219	388	204	329
32728	68110	LEAD	4	441	701	369	561
32729	68110	LEAD	4	356	472	305	391
32732	68110	LEAD	2	696	927	557	728
32733	68110	LEAD	4	657	1042	528	813
32734	68110	LEAD	4	388	808	329	640
32744	68110	LEAD	4	247	349	225	300
32752	68110	LEAD	4	278	311	247	272
32769	68110	LEAD	3	693	804	555	637
32786	68110	LEAD	4	279	441	249	368
32788	68110	LEAD	4	486	673	401	540
32801	68110	LEAD	3	310	361	271	309
32822	68110	LEAD	3	508	765	418	608
32826	68110	LEAD	4	325	506	283	416
32828	68110	LEAD	4	297	603	262	488
32839	68110	LEAD	4	738	950	588	745
32849	68110	LEAD	4	537	802	440	636
32850	68110	LEAD	4	441	927	369	728
32867	68110	LEAD	4	703	944	562	741
32869	68110	LEAD	4	381	546	324	446
32872	68110	LEAD	3	439	497	367	410
32875	68110	LEAD	4	394	423	334	355
32883	68110	LEAD	4	395	612	334	495
32887	68110	LEAD	4	391	512	331	421
32895	68110	LEAD	4	144	217	148	202
32899	68110	LEAD	4	287	416	254	350
32903	68110	LEAD	4	458	626	381	505
32908	68110	LEAD	4	703	1031	562	805
32915	68110	LEAD	4	494	902	407	709
32919	68110	LEAD	4	584	782	474	620
32920	68110	LEAD	4	343	422	296	355
32927	68110	LEAD	4	445	630	371	508
32937	68110	LEAD	4	1109	2278	862	1727
32939	68110	LEAD	4	718	1513	573	1162
32945	68110	LEAD	2	234	250	215	227
32947	68110	LEAD	4	593	723	481	577
32950	68110	LEAD	4	648	1207	522	935
32951	68110	LEAD	4	228	348	211	299
32952	68110	LEAD	5	867	2156	684	1637
32954	68110	LEAD	4	202	221	191	205
32955	68110	LEAD	4	557	946	454	742
32959	68110	LEAD	3	164	185	164	179
32961	68110	LEAD	4	696	906	557	712
32962	68110	LEAD	4	608	879	492	692

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32981	68110	LEAD	5	431	611	361	494
32986	68110	LEAD	4	365	514	312	422
32995	68110	LEAD	2	502	558	414	455
32996	68110	LEAD	4	149	234	153	215
33020	68110	LEAD	4	229	249	211	227
33029	68110	LEAD	4	380	478	323	396
33038	68110	LEAD	4	339	426	293	357
33057	68110	LEAD	4	276	421	246	353
33078	68110	LEAD	4	373	509	318	419
33083	68110	LEAD	4	542	637	443	513
33084	68110	LEAD	4	384	815	326	645
33119	68110	LEAD	4	198	259	188	234
33122	68110	LEAD	4	333	419	288	352
33127	68110	LEAD	4	430	636	360	512
33128	68110	LEAD	4	403	612	340	495
33136	68110	LEAD	4	210	301	197	264
33138	68110	LEAD	4	481	526	398	432
33147	68110	LEAD	4	391	515	331	423
33161	68110	LEAD	4	235	305	216	268
33174	68110	LEAD	4	348	491	300	405
33176	68110	LEAD	3	310	341	272	294
33183	68110	LEAD	4	851	2528	672	1913
33209	68110	LEAD	4	198	365	189	312
33215	68110	LEAD	3	417	477	350	395
33219	68110	LEAD	4	559	824	456	651
33229	68110	LEAD	4	450	553	375	451
33234	68110	LEAD	4	1266	3843	979	2886
33254	68110	LEAD	2	223	249	207	226
33257	68110	LEAD	4	301	387	265	328
33258	68110	LEAD	4	295	366	260	313
33267	68110	LEAD	4	273	495	244	408
33269	68110	LEAD	4	465	621	386	502
33273	68110	LEAD	4	284	373	252	318
33276	68110	LEAD	3	125	177	134	173
33278	68110	LEAD	4	478	709	396	567
33280	68110	LEAD	4	279	347	248	299
33282	68110	LEAD	3	429	580	360	471
33287	68110	LEAD	4	271	565	243	460
33289	68110	LEAD	3	276	431	246	361
33290	68110	LEAD	4	224	335	208	290
33294	68110	LEAD	5	465	1132	386	879
33295	68110	LEAD	4	163	239	163	219
33297	68110	LEAD	4	236	272	217	243
33298	68110	LEAD	4	246	343	224	296
33304	68110	LEAD	4	194	299	186	263

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33318	68110	LEAD	5	250	357	227	306
33323	68110	LEAD	4	299	359	263	308
33326	68110	LEAD	4	367	507	314	417
33330	68110	LEAD	4	418	746	351	594
33353	68110	LEAD	4	313	365	274	312
33359	68110	LEAD	4	203	345	192	297
33364	68110	LEAD	2	253	284	229	252
33367	68110	LEAD	4	547	632	447	509
33370	68110	LEAD	3	765	1201	608	931
33396	68110	LEAD	4	898	1535	707	1178
33403	68110	LEAD	4	179	205	175	194
33404	68110	LEAD	4	287	390	255	331
33409	68110	LEAD	4	325	359	283	307
33413	68110	LEAD	4	437	885	365	697
33417	68110	LEAD	4	661	838	531	662
33418	68110	LEAD	3	380	469	323	389
33421	68110	LEAD	3	838	1368	662	1054
33422	68110	LEAD	4	419	561	352	457
33423	68110	LEAD	4	392	493	332	407
33427	68110	LEAD	3	501	538	413	440
33434	68110	LEAD	2	226	237	209	217
33435	68110	LEAD	4	518	728	426	581
33443	68110	LEAD	3	374	612	319	495
33444	68110	LEAD	4	270	375	242	320
33445	68110	LEAD	4	333	468	288	388
33446	68110	LEAD	3	806	1018	639	795
33448	68110	LEAD	4	336	459	290	382
33452	68110	LEAD	4	157	229	158	212
33455	68110	LEAD	4	546	755	446	600
33457	68110	LEAD	4	311	327	272	284
33459	68110	LEAD	4	269	385	241	327
33468	68110	LEAD	4	144	186	148	179
33472	68110	LEAD	4	242	324	221	282
33476	68110	LEAD	4	431	540	361	441
33477	68110	LEAD	4	323	753	281	599
33481	68110	LEAD	3	595	817	482	646
33483	68110	LEAD	5	483	639	399	515
33486	68110	LEAD	4	471	912	390	717
33491	68110	LEAD	5	307	385	269	327
33498	68110	LEAD	5	477	746	395	594
33502	68110	LEAD	4	327	508	284	418
33507	68110	LEAD	4	469	660	389	531
33508	68110	LEAD	3	233	306	214	268
33510	68110	LEAD	4	296	372	261	317
33512	68110	LEAD	4	225	353	208	304

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33513	68110	LEAD	3	456	527	379	432
33516	68110	LEAD	4	346	661	298	531
33518	68110	LEAD	4	422	542	354	443
33519	68110	LEAD	4	666	822	535	650
33529	68110	LEAD	4	338	559	292	456
33539	68110	LEAD	2	492	599	406	485
33540	68110	LEAD	5	276	368	246	314
33543	68110	LEAD	4	194	406	186	342
33547	68110	LEAD	4	238	408	218	344
33548	68110	LEAD	4	273	409	244	345
33555	68110	LEAD	4	229	399	212	338
33557	68110	LEAD	4	406	741	343	590
33560	68110	LEAD	4	417	758	350	603
33576	68110	LEAD	4	682	1545	547	1185
33582	68110	LEAD	3	329	470	285	390
33585	68110	LEAD	2	309	475	270	393
33586	68110	LEAD	4	444	835	371	660
33592	68110	LEAD	4	348	533	299	437
33594	68110	LEAD	5	573	1227	466	950
33595	68110	LEAD	4	330	358	286	307
33596	68110	LEAD	4	409	613	344	496
33602	68110	LEAD	4	461	714	383	570
33606	68110	LEAD	2	215	231	201	213
33613	68110	LEAD	4	422	911	354	716
33616	68110	LEAD	4	366	679	313	545
33626	68110	LEAD	4	233	340	214	294
33629	68110	LEAD	4	388	489	329	404
33635	68110	LEAD	4	376	539	320	441
33638	68110	LEAD	4	185	210	179	197
33642	68110	LEAD	4	278	442	248	369
33643	68110	LEAD	4	514	862	422	680
33646	68110	LEAD	4	558	667	455	535
33649	68110	LEAD	4	321	430	280	361
33659	68110	LEAD	4	147	281	151	250
33660	68110	LEAD	4	149	314	152	274
33663	68110	LEAD	3	232	311	213	272
33687	68110	LEAD	4	70	88	94	107
33692	68110	LEAD	4	216	245	202	223
33693	68110	LEAD	4	292	486	258	402
33697	68110	LEAD	3	563	736	459	587
33706	68110	LEAD	4	153	235	155	216
33714	68110	LEAD	4	827	1612	654	1235
33725	68110	LEAD	4	283	359	251	308
33731	68110	LEAD	4	102	133	118	141
33735	68110	LEAD	4	209	279	197	248

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33739	68110	LEAD	4	303	378	266	322
33747	68110	LEAD	4	1127	2110	876	1603
33765	68110	LEAD	4	387	614	328	496
33770	68110	LEAD	4	386	492	328	406
33771	68110	LEAD	2	296	319	261	278
33776	68110	LEAD	3	499	585	411	475
33778	68110	LEAD	4	374	615	319	497
33779	68110	LEAD	4	216	315	202	275
33791	68110	LEAD	2	205	212	194	199
33793	68110	LEAD	2	552	601	451	487
33801	68110	LEAD	4	310	598	271	484
33808	68110	LEAD	3	674	1292	541	998
33811	68110	LEAD	4	469	706	389	564
33814	68110	LEAD	4	697	1503	558	1154
33816	68110	LEAD	4	809	1531	641	1175
33820	68110	LEAD	4	507	902	418	709
33824	68110	LEAD	4	236	477	217	395
33828	68110	LEAD	4	338	505	292	416
33829	68110	LEAD	4	296	443	261	369
33834	68110	LEAD	3	309	350	270	301
33836	68110	LEAD	3	411	448	346	374
33840	68110	LEAD	4	343	501	295	413
33846	68110	LEAD	4	452	511	376	420
33847	68110	LEAD	4	650	856	523	675
33849	68110	LEAD	4	356	426	306	357
33852	68110	LEAD	3	161	260	161	234
33853	68110	LEAD	3	629	828	508	654
33857	68110	LEAD	4	287	359	254	308
33860	68110	LEAD	4	287	444	254	371
33862	68110	LEAD	4	696	887	557	698
33864	68110	LEAD	4	438	827	366	654
33866	68110	LEAD	4	576	717	468	573
33872	68110	LEAD	4	390	540	330	442
33874	68110	LEAD	4	257	305	232	268
33876	68110	LEAD	4	400	567	338	461
33877	68110	LEAD	2	238	287	218	255
33879	68110	LEAD	4	537	793	439	629
33880	68110	LEAD	4	282	422	250	354
33881	68110	LEAD	4	319	484	278	400
33882	68110	LEAD	3	402	758	339	603
33883	68110	LEAD	4	487	676	402	542
33884	68110	LEAD	4	352	563	303	458
33887	68110	LEAD	4	1141	1580	887	1211
33892	68110	LEAD	4	231	267	213	239
33897	68110	LEAD	4	189	299	182	263

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33898	68110	LEAD	4	190	257	182	232
33902	68110	LEAD	4	192	203	184	192
33905	68110	LEAD	3	213	247	199	225
33907	68110	LEAD	4	299	351	263	302
33909	68110	LEAD	4	106	154	120	156
33912	68110	LEAD	4	539	708	441	566
33914	68110	LEAD	3	180	215	175	201
33916	68110	LEAD	4	87	105	107	120
33917	68110	LEAD	4	281	365	250	312
33918	68110	LEAD	4	486	916	402	720
33920	68110	LEAD	4	783	1864	622	1421
33921	68110	LEAD	4	446	666	372	535
33927	68110	LEAD	4	120	133	131	141
33929	68110	LEAD	4	558	881	455	694
33934	68110	LEAD	4	387	883	328	695
33936	68110	LEAD	4	252	400	229	338
33940	68110	LEAD	4	336	476	291	394
33952	68110	LEAD	4	499	636	411	513
33958	68110	LEAD	4	199	261	189	235
33961	68110	LEAD	4	252	301	229	264
33962	68110	LEAD	4	490	564	405	459
33963	68110	LEAD	4	312	405	273	342
33965	68110	LEAD	3	202	235	192	216
33973	68110	LEAD	4	338	485	292	401
33975	68110	LEAD	4	220	323	205	281
33990	68110	LEAD	4	281	308	250	270
33991	68110	LEAD	4	167	197	165	188
33994	68110	LEAD	4	326	521	283	427
34000	68110	LEAD	5	300	438	264	366
34002	68110	LEAD	4	383	757	325	602
34007	68110	LEAD	4	305	425	267	357
34009	68110	LEAD	4	292	372	258	317
34022	68110	LEAD	4	1095	1779	852	1359
34023	68110	LEAD	4	393	616	333	498
34024	68110	LEAD	4	425	502	356	414
34029	68110	LEAD	4	293	358	259	307
34030	68110	LEAD	4	291	418	257	351
34033	68110	LEAD	4	262	409	236	345
34035	68110	LEAD	4	498	858	410	677
34038	68110	LEAD	4	1141	1810	886	1381
34039	68110	LEAD	4	336	418	290	352
34046	68110	LEAD	4	254	305	230	268
34047	68110	LEAD	5	328	458	285	381
34050	68110	LEAD	4	395	621	334	502
34054	68110	LEAD	4	261	320	235	279

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34055	68110	LEAD	4	275	308	246	270
34081	68110	LEAD	4	133	169	141	167
34098	68110	LEAD	4	1245	2209	964	1677
34100	68110	LEAD	4	341	478	294	396
34102	68110	LEAD	4	518	683	426	547
34104	68110	LEAD	4	478	602	396	487
34108	68110	LEAD	4	479	865	397	682
34109	68110	LEAD	4	530	794	435	629
34110	68110	LEAD	5	446	704	372	563
34114	68110	LEAD	4	296	330	261	286
34116	68110	LEAD	4	771	947	613	743
34121	68110	LEAD	4	560	678	457	544
34123	68110	LEAD	3	299	513	263	422
34133	68110	LEAD	2	617	695	499	556
34152	68110	LEAD	3	322	567	280	462
34159	68110	LEAD	4	389	426	330	357
34168	68110	LEAD	4	367	483	314	399
34188	68110	LEAD	4	353	505	303	416
34195	68110	LEAD	3	250	291	227	257
34205	68110	LEAD	4	751	902	598	710
34218	68110	LEAD	4	432	700	362	560
34227	68110	LEAD	4	432	641	362	516
34230	68110	LEAD	4	372	712	318	569
34232	68110	LEAD	4	635	1735	512	1326
34235	68110	LEAD	4	312	415	273	349
34237	68110	LEAD	4	291	452	257	377
34242	68110	LEAD	4	184	270	178	242
34260	68110	LEAD	4	124	137	134	144
34261	68110	LEAD	4	166	207	165	195
34262	68110	LEAD	4	349	691	300	554
34265	68110	LEAD	4	843	1302	666	1005
34266	68110	LEAD	4	121	190	132	183
34267	68110	LEAD	3	311	421	272	354
34269	68110	LEAD	4	411	911	346	716
34270	68110	LEAD	4	238	644	218	518
34271	68110	LEAD	2	115	149	127	152
34272	68110	LEAD	4	323	497	281	410
34273	68110	LEAD	4	223	268	207	240
34274	68110	LEAD	4	262	391	236	332
34275	68110	LEAD	4	365	574	312	467
34276	68110	LEAD	4	348	486	299	402
34277	68110	LEAD	4	244	349	222	300
34278	68110	LEAD	4	274	450	245	375
34279	68110	LEAD	4	209	249	197	226
34281	68110	LEAD	4	377	565	321	460

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34283	68110	LEAD	4	178	264	174	237
34284	68110	LEAD	4	240	350	220	301
34285	68110	LEAD	3	209	273	197	244
34286	68110	LEAD	4	417	577	351	469
34287	68110	LEAD	4	31	41	65	72
34288	68110	LEAD	4	382	524	325	429
34289	68110	LEAD	4	276	387	247	328
34524	68110	LEAD	4	246	448	224	373
34526	68110	LEAD	2	470	530	390	434
34546	68110	LEAD	2	382	399	325	337
34551	68110	LEAD	5	452	630	376	508
34590	68110	LEAD	2	299	379	263	323
34592	68110	LEAD	4	58	87	85	106
34601	68110	LEAD	4	215	356	201	305
34608	68110	LEAD	4	160	271	161	243
34611	68110	LEAD	4	70	109	94	123
34613	68110	LEAD	4	401	543	339	444
34619	68110	LEAD	4	334	403	289	340
34620	68110	LEAD	4	484	647	400	521
34625	68110	LEAD	2	296	329	261	285
34631	68110	LEAD	4	189	249	182	227
34636	68110	LEAD	4	176	216	172	202
34638	68110	LEAD	4	555	854	453	674
34640	68110	LEAD	4	661	1014	531	793
34642	68110	LEAD	4	262	315	236	275
34646	68110	LEAD	4	111	142	124	147
34650	68110	LEAD	4	70	123	94	133
34658	68110	LEAD	4	382	832	325	658
34660	68110	LEAD	4	264	296	238	261
34662	68110	LEAD	3	452	620	377	501
34666	68110	LEAD	4	82	138	103	144
34673	68110	LEAD	4	1427	2167	1098	1645
34674	68110	LEAD	5	279	549	249	449
34677	68110	LEAD	4	88	126	107	135
34678	68110	LEAD	4	181	204	176	193
34680	68110	LEAD	4	370	612	316	495
34683	68110	LEAD	4	472	825	391	653
34696	68110	LEAD	2	203	267	193	240
34697	68110	LEAD	5	245	407	223	343
34702	68110	LEAD	4	36	44	68	75
34708	68110	LEAD	4	121	193	131	185
34710	68110	LEAD	4	69	88	93	107
34712	68110	LEAD	4	245	331	223	287
34715	68110	LEAD	4	819	998	648	780
34719	68110	LEAD	4	291	520	258	427

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34726	68110	LEAD	3	167	193	166	185
34731	68110	LEAD	4	278	335	248	290
34733	68110	LEAD	4	508	698	418	559
34738	68110	LEAD	4	60	112	87	125
34742	68110	LEAD	4	292	452	258	377
34763	68110	LEAD	4	298	320	263	279
34768	68110	LEAD	4	482	783	399	621
34770	68110	LEAD	4	83	105	103	120
34772	68110	LEAD	4	214	352	200	303
34773	68110	LEAD	4	254	292	230	258
34775	68110	LEAD	5	85	189	105	182
34779	68110	LEAD	4	815	1279	645	988
34787	68110	LEAD	5	458	928	381	729
34795	68110	LEAD	4	216	301	202	265
34803	68110	LEAD	4	77	114	99	127
34804	68110	LEAD	4	649	830	522	656
34807	68110	LEAD	3	164	368	164	314
34811	68110	LEAD	4	406	619	343	500
34815	68110	LEAD	5	370	605	316	489
34816	68110	LEAD	4	195	278	186	247
34818	68110	LEAD	4	95	134	113	141
34821	68110	LEAD	4	109	145	123	149
34824	68110	LEAD	4	226	365	209	312
34828	68110	LEAD	4	210	252	197	228
34834	68110	LEAD	4	286	321	254	280
34837	68110	LEAD	4	210	350	197	301
34847	68110	LEAD	4	308	501	270	412
34848	68110	LEAD	4	227	277	210	247
34854	68110	LEAD	4	155	238	157	218
34861	68110	LEAD	3	247	289	225	256
34866	68110	LEAD	4	178	211	173	198
34878	68110	LEAD	4	152	233	155	214
34879	68110	LEAD	5	70	81	94	102
34886	68110	LEAD	4	81	115	102	127
34895	68110	LEAD	4	213	316	199	276
34899	68110	LEAD	4	364	655	311	526
34902	68110	LEAD	4	350	633	301	510
34905	68110	LEAD	4	437	590	365	478
34909	68110	LEAD	4	222	303	206	266
34913	68110	LEAD	4	138	161	144	161
34915	68110	LEAD	4	213	249	199	226
34933	68110	LEAD	4	386	599	328	485
34952	68110	LEAD	4	268	439	240	367
34955	68110	LEAD	5	507	947	417	743
34961	68110	LEAD	4	175	231	171	213

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34965	68110	LEAD	5	384	794	326	629
34969	68110	LEAD	4	180	364	175	311
34972	68110	LEAD	4	101	185	116	179
34973	68110	LEAD	4	189	256	182	231
34989	68110	LEAD	4	113	139	125	145
34991	68110	LEAD	4	572	1099	465	855
34997	68110	LEAD	4	37	64	69	89
34998	68110	LEAD	4	100	116	116	128
35004	68110	LEAD	4	147	198	151	189
35008	68110	LEAD	4	154	282	156	250
35009	68110	LEAD	4	223	244	207	223
35012	68110	LEAD	4	324	497	282	410
35013	68110	LEAD	4	60	75	86	97
35015	68110	LEAD	4	313	361	273	309
35016	68110	LEAD	4	303	402	266	339
35020	68110	LEAD	4	163	271	163	243
35022	68110	LEAD	4	112	315	125	275
35025	68110	LEAD	5	415	1201	349	931
35036	68110	LEAD	4	237	436	217	365
35038	68110	LEAD	3	142	155	147	157
35047	68110	LEAD	4	263	390	236	331
35048	68110	LEAD	4	73	129	96	138
35065	68110	LEAD	4	326	551	283	450
35070	68110	LEAD	4	363	474	311	393
35071	68110	LEAD	4	260	397	234	335
35085	68110	LEAD	4	246	456	224	379
35086	68110	LEAD	5	86	100	106	116
35088	68110	LEAD	5	190	363	183	310
35105	68110	LEAD	4	152	159	155	160
35114	68110	LEAD	4	364	784	312	622
35116	68110	LEAD	6	60	75	86	98
35131	68110	LEAD	5	179	255	174	231
35132	68110	LEAD	5	239	355	219	305
35140	68110	LEAD	4	477	729	395	581
35148	68110	LEAD	4	310	568	271	462
35158	68110	LEAD	4	233	461	214	383
35171	68110	LEAD	4	405	819	342	648
35174	68110	LEAD	4	467	651	387	524
35176	68110	LEAD	4	473	596	392	483
35178	68110	LEAD	4	334	738	289	588
35180	68110	LEAD	5	205	389	194	330
35182	68110	LEAD	4	409	729	345	582
35183	68110	LEAD	4	439	724	367	578
35185	68110	LEAD	4	163	214	163	200
35188	68110	LEAD	4	108	140	122	146

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35191	68110	LEAD	4	156	313	157	273
35192	68110	LEAD	4	282	350	250	301
35196	68110	LEAD	4	204	278	193	248
35200	68110	LEAD	4	205	260	194	235
35202	68110	LEAD	4	486	898	402	706
35207	68110	LEAD	4	354	496	304	409
35209	68110	LEAD	5	382	656	324	528
35212	68110	LEAD	5	229	443	212	370
35215	68110	LEAD	4	581	834	472	659
35235	68110	LEAD	4	91	152	109	155
35237	68110	LEAD	4	96	112	113	125
35245	68110	LEAD	4	187	320	180	279
35249	68110	LEAD	4	300	392	264	332
35256	68110	LEAD	4	150	248	153	226
35259	68110	LEAD	4	59	76	85	98
35261	68110	LEAD	4	129	182	137	177
35265	68110	LEAD	4	127	160	136	160
35278	68110	LEAD	4	129	165	138	164
35286	68110	LEAD	4	237	269	217	241
35292	68110	LEAD	4	120	130	131	138
35298	68110	LEAD	4	165	181	164	176
35300	68110	LEAD	4	467	634	388	511
35303	68110	LEAD	5	391	622	332	502
35304	68110	LEAD	4	330	674	286	541
35307	68110	LEAD	4	326	509	283	419
35308	68110	LEAD	4	71	108	95	122
35313	68110	LEAD	4	203	289	192	256
35315	68110	LEAD	3	353	608	304	492
35318	68110	LEAD	4	112	161	125	161
35319	68110	LEAD	4	222	484	206	400
35320	68110	LEAD	4	114	175	126	171
35321	68110	LEAD	4	760	1124	605	874
35325	68110	LEAD	4	306	486	268	402
35326	68110	LEAD	3	209	330	197	286
35327	68110	LEAD	5	286	365	254	312
35330	68110	LEAD	4	72	108	95	122
35331	68110	LEAD	4	132	208	140	196
35333	68110	LEAD	4	323	625	281	504
35338	68110	LEAD	4	317	574	277	467
35339	68110	LEAD	4	310	502	271	413
35340	68110	LEAD	4	173	320	170	279
35341	68110	LEAD	4	200	238	190	218
35342	68110	LEAD	4	201	321	190	280
35343	68110	LEAD	3	125	162	134	162
35344	68110	LEAD	4	147	237	151	217

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35346	68110	LEAD	4	50	61	79	87
35347	68110	LEAD	4	184	242	178	221
35348	68110	LEAD	2	311	371	272	316
35349	68110	LEAD	4	144	166	148	165
35353	68110	LEAD	4	175	343	172	296
35364	68110	LEAD	4	113	197	126	188
35365	68110	LEAD	4	167	222	165	206
35366	68110	LEAD	4	313	674	274	540
35372	68110	LEAD	5	184	369	178	315
35381	68110	LEAD	3	174	266	171	239
35384	68110	LEAD	4	190	393	183	333
35390	68110	LEAD	5	82	140	102	146
35391	68110	LEAD	4	148	232	151	214
35396	68110	LEAD	4	312	433	273	363
35400	68110	LEAD	3	171	192	168	184
35402	68110	LEAD	4	98	125	114	134
35410	68110	LEAD	4	120	141	131	146
35413	68110	LEAD	4	326	492	283	406
35419	68110	LEAD	5	369	677	315	543
35421	68110	LEAD	4	238	440	218	367
35431	68110	LEAD	4	351	801	302	635
35432	68110	LEAD	4	67	105	92	120
35438	68110	LEAD	4	290	388	257	329
35446	68110	LEAD	3	186	266	180	239
35450	68110	LEAD	4	163	260	163	234
35452	68110	LEAD	4	114	183	126	178
35454	68110	LEAD	4	99	160	115	160
35455	68110	LEAD	4	224	259	208	234
35457	68110	LEAD	5	201	303	191	266
35459	68110	LEAD	5	198	386	188	327
35461	68110	LEAD	5	156	261	158	235
35463	68110	LEAD	5	289	564	256	459
35464	68110	LEAD	3	260	317	234	277
35465	68110	LEAD	4	119	135	130	142
35467	68110	LEAD	4	202	469	191	389
35472	68110	LEAD	4	82	125	103	134
35476	68110	LEAD	4	366	503	313	414
35477	68110	LEAD	3	256	317	231	277
35479	68110	LEAD	4	424	695	356	557
35480	68110	LEAD	4	58	100	85	116
35482	68110	LEAD	4	204	318	193	277
35485	68110	LEAD	4	49	66	78	91
35486	68110	LEAD	4	399	707	337	565
35487	68110	LEAD	5	39	87	71	106
35490	68110	LEAD	4	262	360	236	308

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35491	68110	LEAD	4	712	1660	569	1270
35494	68110	LEAD	4	661	782	531	620
35497	68110	LEAD	4	212	292	199	258
35501	68110	LEAD	6	475	866	394	683
35502	68110	LEAD	1	207	207	195	195
35520	68110	LEAD	4	203	250	192	227
35522	68110	LEAD	4	224	400	208	338
35525	68110	LEAD	2	317	411	277	346
35526	68110	LEAD	4	360	545	309	445
35528	68110	LEAD	4	326	544	283	444
35530	68110	LEAD	4	63	118	88	129
35533	68110	LEAD	4	219	281	204	250
35539	68110	LEAD	4	143	173	148	170
35546	68110	LEAD	5	176	275	173	246
35551	68110	LEAD	4	298	343	262	296
35555	68110	LEAD	4	310	471	272	391
35558	68110	LEAD	4	272	402	243	340
35569	68110	LEAD	4	214	322	200	280
35578	68110	LEAD	4	107	145	121	149
35582	68110	LEAD	4	217	300	203	264
35583	68110	LEAD	4	150	170	153	168
35589	68110	LEAD	4	84	176	104	172
35606	68110	LEAD	4	586	1170	475	907
35609	68110	LEAD	4	201	569	191	463
35616	68110	LEAD	4	314	378	274	322
35617	68110	LEAD	5	121	164	131	164
35625	68110	LEAD	4	95	127	112	136
35627	68110	LEAD	5	73	111	96	125
35628	68110	LEAD	3	318	403	278	340
35629	68110	LEAD	4	391	521	332	427
35631	68110	LEAD	4	313	369	274	315
35634	68110	LEAD	4	275	334	245	289
35635	68110	LEAD	5	398	914	337	719
35637	68110	LEAD	5	145	288	149	255
35639	68110	LEAD	4	233	257	214	232
35640	68110	LEAD	5	189	251	182	227
35656	68110	LEAD	4	496	662	409	532
35659	68110	LEAD	4	199	320	189	278
35661	68110	LEAD	4	228	477	211	395
35662	68110	LEAD	4	163	277	162	247
35663	68110	LEAD	4	171	380	168	323
35665	68110	LEAD	4	203	243	192	222
35669	68110	LEAD	4	668	896	536	705
35680	68110	LEAD	4	141	195	146	186
35681	68110	LEAD	4	504	807	415	639

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35682	68110	LEAD	2	61	61	87	87
35686	68110	LEAD	4	121	248	132	226
35694	68110	LEAD	4	186	214	180	200
35695	68110	LEAD	4	158	197	159	188
35696	68110	LEAD	4	328	452	285	376
35703	68110	LEAD	3	223	249	207	226
35710	68110	LEAD	4	408	758	344	603
35719	68110	LEAD	3	271	357	243	306
35720	68110	LEAD	3	211	314	198	274
35732	68110	LEAD	4	136	167	143	166
35737	68110	LEAD	4	254	440	230	367
35739	68110	LEAD	4	294	589	260	478
35742	68110	LEAD	4	363	564	311	460
35746	68110	LEAD	5	380	469	323	389
35747	68110	LEAD	4	195	290	186	257
35754	68110	LEAD	5	417	634	351	511
35757	68110	LEAD	4	572	1051	466	820
35759	68110	LEAD	4	190	337	183	292
35764	68110	LEAD	4	388	662	329	532
35766	68110	LEAD	4	394	729	333	582
35767	68110	LEAD	4	403	684	341	548
35770	68110	LEAD	4	283	375	251	320
35774	68110	LEAD	4	275	336	246	291
35779	68110	LEAD	4	268	334	241	289
35784	68110	LEAD	4	401	573	339	466
35787	68110	LEAD	4	420	553	353	451
35792	68110	LEAD	4	267	443	239	370
35793	68110	LEAD	4	166	240	165	220
35797	68110	LEAD	4	113	142	126	147
35808	68110	LEAD	5	224	325	208	283
35834	68110	LEAD	3	615	872	497	687
35847	68110	LEAD	3	977	2349	765	1780
35855	68110	LEAD	4	224	296	208	261
35870	68110	LEAD	4	342	502	295	413
35897	68110	LEAD	3	181	229	176	211
35905	68110	LEAD	4	25	34	60	67
35913	68110	LEAD	4	275	341	246	295
35914	68110	LEAD	4	222	259	206	234
35916	68110	LEAD	4	398	492	336	406
35923	68110	LEAD	5	637	1107	513	861
35942	68110	LEAD	4	546	914	446	719
35952	68110	LEAD	4	434	705	363	564
35953	68110	LEAD	4	297	407	262	343
35957	68110	LEAD	4	308	439	270	367
35972	68110	LEAD	4	197	285	188	253

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35996	68110	LEAD	4	575	710	467	567
36037	68110	LEAD	4	227	349	210	300
36060	68110	LEAD	4	360	435	308	364
36061	68110	LEAD	4	171	281	168	250
36064	68110	LEAD	4	165	205	164	194
36068	68110	LEAD	4	475	792	393	628
36076	68110	LEAD	4	304	783	267	622
36152	68110	LEAD	4	747	901	595	708
36189	68110	LEAD	4	180	409	175	345
36611	68110	LEAD	4	188	230	181	213
36750	68110	LEAD	4	184	365	178	312
36758	68110	LEAD	4	286	366	253	313
36879	68110	LEAD	4	249	355	226	305
36886	68110	LEAD	4	702	1361	562	1049
36893	68110	LEAD	4	469	797	389	632
36900	68110	LEAD	5	300	633	264	511
36905	68110	LEAD	6	163	223	163	207
37069	68110	LEAD	4	751	1351	598	1042
37075	68110	LEAD	4	248	316	225	276
37077	68110	LEAD	4	271	398	242	337
37079	68110	LEAD	4	418	906	351	713
37081	68110	LEAD	4	377	409	321	345
37083	68110	LEAD	4	482	1011	399	790
37086	68110	LEAD	4	245	414	223	349
37091	68110	LEAD	4	438	951	366	746
37092	68110	LEAD	5	445	775	371	615
37096	68110	LEAD	4	225	261	208	235
37137	68110	LEAD	5	252	322	229	281
37188	68110	LEAD	4	270	469	242	389
37258	68110	LEAD	4	160	261	160	235
37305	68110	LEAD	4	301	524	265	430
37332	68110	LEAD	4	330	555	286	453
37362	68110	LEAD	4	174	216	171	202
37398	68110	LEAD	5	136	177	143	173
37401	68110	LEAD	4	318	371	277	317
37434	68110	LEAD	4	348	419	299	352
37456	68110	LEAD	4	517	701	424	561
37522	68110	LEAD	4	279	521	249	428
37523	68110	LEAD	4	842	2009	665	1529
37525	68110	LEAD	4	911	2603	716	1969
37528	68110	LEAD	5	179	290	175	257
37532	68110	LEAD	4	195	239	186	219
37534	68110	LEAD	3	204	245	193	223
37562	68110	LEAD	3	458	1121	381	871
37615	68110	LEAD	4	232	287	214	254

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
37652	68110	LEAD	4	349	540	300	442
37656	68110	LEAD	5	115	243	127	222
37667	68110	LEAD	4	153	438	155	366
37673	68110	LEAD	4	361	688	309	551
37674	68110	LEAD	4	202	317	191	277
37707	68110	LEAD	3	242	303	221	266
37810	68110	LEAD	4	305	478	268	396
37821	68110	LEAD	4	278	376	248	320
37865	68110	LEAD	5	164	208	164	196
37909	68110	LEAD	4	251	299	228	263
37915	68110	LEAD	4	242	345	221	297
37977	68110	LEAD	4	158	201	159	191
37985	68110	LEAD	4	130	165	138	164
38063	68110	LEAD	4	156	172	157	169
38086	68110	LEAD	4	127	144	136	148
38089	68110	LEAD	4	99	131	115	139
38092	68110	LEAD	4	72	108	95	122
38120	68110	LEAD	4	120	200	131	190
38205	68110	LEAD	3	292	352	258	303
38211	68110	LEAD	4	242	297	221	262
38239	68110	LEAD	4	328	424	285	356
38263	68110	LEAD	4	193	524	185	430
38273	68110	LEAD	4	435	827	364	654
38451	68110	LEAD	4	194	246	185	224
38458	68110	LEAD	4	148	208	151	196
38471	68110	LEAD	4	256	472	231	391
38518	68110	LEAD	4	169	249	167	226
38570	68110	LEAD	4	207	333	195	288
38571	68110	LEAD	5	167	227	166	210
38602	68110	LEAD	6	264	463	237	385
38609	68110	LEAD	4	303	549	266	448
38697	68110	LEAD	4	293	527	259	432
38699	68110	LEAD	5	251	413	228	347
38719	68110	LEAD	4	222	253	206	229
38725	68110	LEAD	3	344	595	296	483
38757	68110	LEAD	4	234	334	215	289
38774	68110	LEAD	4	224	354	208	304
38791	68110	LEAD	5	296	413	261	347
38829	68110	LEAD	5	160	251	161	228
38832	68110	LEAD	4	300	665	264	534
38863	68110	LEAD	3	391	692	331	554
38878	68110	LEAD	4	190	264	182	237
38916	68110	LEAD	5	172	268	169	240
38921	68110	LEAD	3	237	338	218	292
38950	68110	LEAD	3	140	180	145	175

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
38954	68110	LEAD	4	217	353	203	303
38955	68110	LEAD	4	181	228	176	210
38959	68110	LEAD	4	190	252	183	228
39000	68110	LEAD	4	170	178	167	174
39006	68110	LEAD	4	295	519	260	426
39015	68110	LEAD	4	217	508	203	418
39037	68110	LEAD	4	206	375	195	319
39124	68110	LEAD	4	253	429	229	359
39142	68110	LEAD	4	219	350	204	301
39174	68110	LEAD	4	499	727	412	580
39189	68110	LEAD	4	192	239	184	219
39209	68110	LEAD	4	312	460	273	383
39226	68110	LEAD	4	518	775	425	615
39271	68110	LEAD	4	230	357	212	306
39272	68110	LEAD	4	177	268	173	240
39274	68110	LEAD	3	165	260	164	235
39277	68110	LEAD	3	215	381	201	324
39279	68110	LEAD	4	363	625	311	504
39281	68110	LEAD	3	355	670	305	537
39434	68110	LEAD	4	241	354	220	304
39437	68110	LEAD	5	158	292	159	258
39441	68110	LEAD	3	324	387	282	328
39445	68110	LEAD	3	238	343	218	296
39448	68110	LEAD	2	362	387	310	328
39493	68110	LEAD	4	373	546	318	446
39500	68110	LEAD	4	242	352	221	303
39523	68110	LEAD	5	441	924	369	726
39559	68110	LEAD	4	188	255	181	231
39572	68110	LEAD	4	358	498	307	410
39583	68110	LEAD	3	191	282	183	251
39594	68110	LEAD	4	282	525	251	430
39598	68110	LEAD	5	168	219	166	204
39605	68110	LEAD	3	360	446	308	372
39619	68110	LEAD	5	186	436	179	364
39635	68110	LEAD	4	206	261	194	235
39650	68110	LEAD	5	338	922	292	724
39654	68110	LEAD	4	252	297	228	262
39657	68110	LEAD	3	300	311	264	272
39683	68110	LEAD	3	163	239	162	219
49164	68110	LEAD	6	305	695	268	556
49181	68110	LEAD	1	365	365	312	312
49336	68110	LEAD	4	191	388	183	329
49343	68110	LEAD	4	442	512	369	421
50034	68110	LEAD	4	87	106	106	121
50037	68110	LEAD	4	96	118	113	129

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50039	68110	LEAD	4	228	310	211	272
50252	68110	LEAD	4	249	356	226	306
50253	68110	LEAD	4	248	281	225	250
50254	68110	LEAD	4	302	370	266	316
50255	68110	LEAD	4	299	386	263	327
50256	68110	LEAD	4	288	303	255	266
50257	68110	LEAD	2	427	431	358	361
50258	68110	LEAD	2	289	304	256	267
50259	68110	LEAD	4	298	440	263	368
50260	68110	LEAD	3	385	619	327	500
50261	68110	LEAD	2	285	301	253	265
50401	68110	LEAD	4	305	738	268	588
50440	68110	LEAD	4	492	619	406	500
50481	68110	LEAD	4	276	302	246	266
50482	68110	LEAD	4	320	469	279	389
50483	68110	LEAD	2	376	397	320	336
50572	68110	LEAD	4	453	595	377	482
50590	68110	LEAD	4	406	665	343	534
50602	68110	LEAD	4	408	494	344	408
50617	68110	LEAD	4	451	567	376	462
55636	68110	LEAD	4	236	286	217	254
55642	68110	LEAD	4	451	655	376	527
55643	68110	LEAD	4	303	540	267	442
55644	68110	LEAD	4	456	848	380	670
55645	68110	LEAD	4	547	782	447	620
55649	68110	LEAD	4	217	373	202	318
63316	68110	LEAD	4	50	64	79	89
63319	68110	LEAD	4	86	154	106	156
66088	68110	LEAD	4	177	410	173	346
73891	68110	LEAD	4	347	470	299	390
73892	68110	LEAD	4	273	340	244	294
74149	68110	LEAD	4	604	1367	489	1053
74155	68110	LEAD	4	42	52	73	81
75834	68110	LEAD	4	251	363	228	311
77563	68110	LEAD	4	119	170	130	168
79377	68110	LEAD	4	299	402	263	339
79566	68110	LEAD	4	248	355	225	304
81395	68110	LEAD	4	41	72	73	95
81396	68110	LEAD	4	79	153	100	155
81397	68110	LEAD	4	93	150	111	153
81398	68110	LEAD	4	49	61	78	87
81399	68110	LEAD	4	56	66	83	91
81400	68110	LEAD	4	46	55	76	83
81401	68110	LEAD	4	33	40	67	72
81402	68110	LEAD	4	56	81	84	102

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
81403	68110	LEAD	4	105	174	119	171
81404	68110	LEAD	4	96	229	113	211
87991	68110	LEAD	4	80	93	101	111
87996	68110	LEAD	4	62	92	88	110
88030	68110	LEAD	4	92	125	110	135
88049	68110	LEAD	4	174	295	171	260
88194	68110	LEAD	4	381	491	324	405
88205	68110	LEAD	4	89	140	108	146
88318	68110	LEAD	4	324	432	282	362
90100	68110	LEAD	4	85	200	105	190
90165	68110	LEAD	4	283	329	251	286
90539	68110	LEAD	4	146	208	150	196
90706	68110	LEAD	4	100	113	116	126
90707	68110	LEAD	4	83	103	104	118
90857	68110	LEAD	4	504	905	415	712
90907	68110	LEAD	4	821	1781	649	1360
90908	68110	LEAD	4	703	987	562	772
91240	68110	LEAD	4	86	106	105	121
91449	68110	LEAD	4	384	456	326	379
91602	68110	LEAD	4	264	327	237	284
91603	68110	LEAD	4	243	341	222	295
91604	68110	LEAD	4	398	522	337	429
91608	68110	LEAD	4	641	957	516	750
91732	68110	LEAD	4	185	204	179	193
92499	68110	LEAD	4	97	139	114	145
92500	68110	LEAD	4	117	153	129	155
92501	68110	LEAD	4	101	131	117	139
92505	68110	LEAD	4	122	170	132	168
92511	68110	LEAD	4	132	186	140	179
92674	68110	LEAD	4	62	69	88	93
92675	68110	LEAD	4	59	66	85	91
92843	68110	LEAD	4	217	372	202	317
92845	68110	LEAD	4	177	271	173	243
92849	68110	LEAD	4	333	668	289	536
92851	68110	LEAD	4	210	263	198	237
92883	68110	LEAD	4	168	422	166	354
93337	68110	LEAD	4	116	129	128	138
93338	68110	LEAD	4	107	129	121	138
93339	68110	LEAD	4	119	138	130	144
93340	68110	LEAD	4	228	347	211	299
93341	68110	LEAD	4	145	165	149	164
93342	68110	LEAD	4	178	236	174	217
93343	68110	LEAD	4	111	214	124	200
93344	68110	LEAD	4	98	119	115	130
93345	68110	LEAD	4	141	169	146	167

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
93374	68110	LEAD	4	102	118	117	129
93375	68110	LEAD	4	81	113	102	126
93376	68110	LEAD	4	76	87	98	106
93377	68110	LEAD	4	92	186	110	179
223	68111	LEAD	4	399	668	338	536
227	68111	LEAD	2	478	769	396	611
249	68111	LEAD	2	437	490	365	404
250	68111	LEAD	3	396	633	335	510
255	68111	LEAD	4	81	109	102	123
276	68111	LEAD	4	524	886	430	698
305	68111	LEAD	3	499	908	411	714
310	68111	LEAD	1	325	325	282	282
318	68111	LEAD	4	214	323	200	281
336	68111	LEAD	1	581	581	472	472
339	68111	LEAD	4	629	841	507	664
363	68111	LEAD	4	556	1038	454	810
465	68111	LEAD	4	281	347	250	299
470	68111	LEAD	3	463	567	384	461
476	68111	LEAD	4	333	570	289	464
500	68111	LEAD	5	144	227	148	210
537	68111	LEAD	2	308	396	270	335
540	68111	LEAD	4	168	296	166	261
542	68111	LEAD	4	261	502	235	413
546	68111	LEAD	4	354	476	304	394
553	68111	LEAD	3	324	600	282	486
554	68111	LEAD	5	242	350	221	301
559	68111	LEAD	3	388	652	329	524
560	68111	LEAD	5	285	460	253	382
561	68111	LEAD	4	479	647	397	521
563	68111	LEAD	5	201	314	191	274
564	68111	LEAD	4	463	844	384	667
565	68111	LEAD	4	572	1064	466	829
566	68111	LEAD	4	274	323	245	281
568	68111	LEAD	3	392	759	332	603
571	68111	LEAD	4	367	556	314	453
573	68111	LEAD	5	346	717	298	572
574	68111	LEAD	4	279	396	249	335
576	68111	LEAD	4	264	343	237	296
579	68111	LEAD	4	362	625	310	504
580	68111	LEAD	4	357	776	306	616
581	68111	LEAD	4	399	564	337	459
582	68111	LEAD	4	510	744	420	592
587	68111	LEAD	4	417	650	351	523
589	68111	LEAD	4	217	257	203	232
591	68111	LEAD	4	376	498	320	411

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
592	68111	LEAD	4	193	375	185	320
594	68111	LEAD	4	458	736	381	587
595	68111	LEAD	4	266	471	239	390
600	68111	LEAD	4	487	631	402	509
603	68111	LEAD	4	515	730	423	582
604	68111	LEAD	4	543	804	444	637
614	68111	LEAD	4	512	756	421	602
617	68111	LEAD	4	210	279	197	248
618	68111	LEAD	4	462	841	384	664
620	68111	LEAD	1	405	405	342	342
625	68111	LEAD	3	403	502	340	413
627	68111	LEAD	4	338	523	292	429
628	68111	LEAD	3	148	184	151	178
630	68111	LEAD	4	525	750	431	597
631	68111	LEAD	4	801	1196	635	927
637	68111	LEAD	4	415	503	349	414
643	68111	LEAD	2	201	294	190	259
646	68111	LEAD	4	657	1676	528	1283
648	68111	LEAD	4	234	320	215	279
651	68111	LEAD	3	317	697	277	558
653	68111	LEAD	4	338	621	292	502
665	68111	LEAD	4	353	768	303	610
666	68111	LEAD	5	364	480	311	397
667	68111	LEAD	4	222	264	206	237
668	68111	LEAD	4	257	360	232	309
669	68111	LEAD	4	300	362	264	310
670	68111	LEAD	5	505	549	415	448
671	68111	LEAD	3	696	1152	557	895
672	68111	LEAD	2	324	348	282	300
673	68111	LEAD	4	316	407	276	343
675	68111	LEAD	3	256	411	231	346
676	68111	LEAD	4	272	412	243	347
677	68111	LEAD	4	285	309	253	271
678	68111	LEAD	5	268	316	240	276
679	68111	LEAD	4	386	655	327	527
680	68111	LEAD	3	150	232	153	214
681	68111	LEAD	4	90	207	109	195
682	68111	LEAD	2	301	329	265	286
683	68111	LEAD	4	92	146	110	150
684	68111	LEAD	4	145	235	150	216
685	68111	LEAD	3	132	167	140	166
687	68111	LEAD	5	112	173	125	170
688	68111	LEAD	3	267	394	239	333
689	68111	LEAD	4	98	135	115	142
691	68111	LEAD	3	221	289	205	256

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
692	68111	LEAD	3	112	135	125	142
693	68111	LEAD	3	151	239	154	219
694	68111	LEAD	4	184	374	178	319
695	68111	LEAD	4	276	428	246	359
696	68111	LEAD	4	87	169	106	167
697	68111	LEAD	4	158	334	159	289
698	68111	LEAD	2	350	386	301	328
699	68111	LEAD	2	254	331	230	287
703	68111	LEAD	4	297	661	262	531
705	68111	LEAD	4	245	386	223	328
706	68111	LEAD	4	396	558	335	455
712	68111	LEAD	4	330	512	286	421
713	68111	LEAD	4	383	464	326	385
714	68111	LEAD	4	164	228	163	210
715	68111	LEAD	4	187	330	180	286
716	68111	LEAD	4	260	374	235	319
717	68111	LEAD	4	580	730	471	582
719	68111	LEAD	4	107	143	121	148
722	68111	LEAD	4	354	446	304	372
725	68111	LEAD	4	332	487	288	403
727	68111	LEAD	4	272	520	243	427
728	68111	LEAD	4	424	533	356	436
729	68111	LEAD	3	599	803	485	637
730	68111	LEAD	4	217	427	202	358
735	68111	LEAD	3	428	549	359	448
738	68111	LEAD	5	288	398	255	337
741	68111	LEAD	5	663	1363	532	1050
742	68111	LEAD	4	250	448	227	374
743	68111	LEAD	4	262	432	236	362
744	68111	LEAD	4	528	1130	433	878
745	68111	LEAD	3	269	519	241	426
746	68111	LEAD	3	242	388	221	329
748	68111	LEAD	4	387	805	328	638
749	68111	LEAD	2	1701	1918	1300	1461
750	68111	LEAD	2	339	526	293	431
753	68111	LEAD	2	412	486	347	402
758	68111	LEAD	3	24	28	60	62
760	68111	LEAD	4	164	278	163	248
761	68111	LEAD	4	124	238	134	218
763	68111	LEAD	4	110	140	124	146
764	68111	LEAD	4	127	171	136	168
765	68111	LEAD	5	175	219	172	204
767	68111	LEAD	4	323	605	281	489
770	68111	LEAD	4	146	187	150	181
771	68111	LEAD	4	354	671	304	539

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
774	68111	LEAD	5	233	305	214	268
775	68111	LEAD	3	126	168	135	167
778	68111	LEAD	5	338	574	292	467
779	68111	LEAD	4	238	254	218	230
780	68111	LEAD	4	324	678	282	544
781	68111	LEAD	3	523	809	429	641
784	68111	LEAD	4	575	715	467	571
787	68111	LEAD	3	238	356	218	306
788	68111	LEAD	4	214	336	201	291
790	68111	LEAD	4	176	319	173	278
793	68111	LEAD	4	298	325	263	283
794	68111	LEAD	3	198	246	189	224
795	68111	LEAD	4	459	1182	381	917
797	68111	LEAD	3	195	316	186	276
799	68111	LEAD	4	183	225	177	208
801	68111	LEAD	5	317	419	277	352
802	68111	LEAD	5	195	269	186	241
803	68111	LEAD	4	164	210	164	198
804	68111	LEAD	5	74	127	97	136
808	68111	LEAD	2	236	257	217	232
809	68111	LEAD	5	157	256	158	231
810	68111	LEAD	4	104	132	119	139
811	68111	LEAD	3	215	242	201	221
813	68111	LEAD	2	131	178	139	174
814	68111	LEAD	4	181	282	176	251
816	68111	LEAD	3	113	134	126	141
817	68111	LEAD	4	145	208	149	196
820	68111	LEAD	4	231	286	213	254
821	68111	LEAD	5	224	336	208	291
822	68111	LEAD	4	341	628	294	507
828	68111	LEAD	5	210	347	197	299
829	68111	LEAD	4	303	467	266	388
831	68111	LEAD	3	149	156	152	158
832	68111	LEAD	4	130	146	138	150
839	68111	LEAD	4	168	260	167	235
840	68111	LEAD	4	134	169	141	167
841	68111	LEAD	4	339	373	293	318
842	68111	LEAD	4	218	317	203	276
843	68111	LEAD	4	297	468	262	388
844	68111	LEAD	4	249	410	226	346
845	68111	LEAD	4	241	286	220	254
846	68111	LEAD	2	113	120	126	131
847	68111	LEAD	4	378	618	322	499
848	68111	LEAD	5	257	387	232	328
849	68111	LEAD	4	181	307	176	269

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
850	68111	LEAD	4	704	1918	563	1461
851	68111	LEAD	5	294	457	260	380
852	68111	LEAD	3	310	364	272	312
853	68111	LEAD	3	135	203	142	192
854	68111	LEAD	3	179	228	175	211
856	68111	LEAD	4	182	203	177	192
858	68111	LEAD	5	394	789	333	626
859	68111	LEAD	5	359	567	308	461
860	68111	LEAD	4	234	312	215	273
861	68111	LEAD	4	433	849	362	670
863	68111	LEAD	4	220	417	205	351
864	68111	LEAD	5	176	270	172	242
865	68111	LEAD	3	178	217	174	203
866	68111	LEAD	5	118	272	130	243
867	68111	LEAD	3	640	1176	516	913
871	68111	LEAD	3	458	791	381	628
873	68111	LEAD	4	175	223	171	207
876	68111	LEAD	4	230	351	213	302
877	68111	LEAD	4	341	375	294	319
884	68111	LEAD	4	497	855	410	675
909	68111	LEAD	5	546	872	446	688
942	68111	LEAD	4	421	1042	354	813
944	68111	LEAD	4	491	1034	405	807
945	68111	LEAD	4	265	345	238	297
946	68111	LEAD	4	253	421	230	354
948	68111	LEAD	4	166	367	165	314
956	68111	LEAD	4	220	372	205	317
962	68111	LEAD	3	98	127	115	136
965	68111	LEAD	5	113	131	125	139
967	68111	LEAD	4	291	355	257	305
977	68111	LEAD	4	139	201	145	191
978	68111	LEAD	3	467	529	387	433
980	68111	LEAD	4	136	199	143	189
982	68111	LEAD	5	366	675	313	541
983	68111	LEAD	4	242	426	221	357
984	68111	LEAD	5	166	300	165	264
988	68111	LEAD	4	180	290	175	257
990	68111	LEAD	4	418	639	351	515
993	68111	LEAD	3	356	657	306	528
1008	68111	LEAD	5	149	311	152	272
1021	68111	LEAD	4	183	228	177	211
1022	68111	LEAD	4	160	241	160	220
1024	68111	LEAD	5	521	1158	428	899
1030	68111	LEAD	4	77	129	99	138
1032	68111	LEAD	4	217	266	202	239

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1061	68111	LEAD	4	357	649	306	522
1062	68111	LEAD	4	233	441	215	368
1063	68111	LEAD	3	128	190	137	183
1066	68111	LEAD	4	121	189	131	182
1075	68111	LEAD	4	825	2255	653	1710
1078	68111	LEAD	3	573	1054	466	822
1081	68111	LEAD	4	245	336	223	291
1082	68111	LEAD	5	60	87	86	106
1085	68111	LEAD	4	398	815	337	645
1090	68111	LEAD	5	63	85	89	105
1091	68111	LEAD	5	284	346	252	298
1096	68111	LEAD	5	232	598	213	485
1101	68111	LEAD	4	84	91	104	110
1108	68111	LEAD	4	1046	1713	816	1310
1110	68111	LEAD	5	177	255	173	231
1125	68111	LEAD	5	323	432	281	362
1127	68111	LEAD	4	156	228	157	211
1134	68111	LEAD	3	114	133	126	140
1143	68111	LEAD	4	598	844	484	667
1145	68111	LEAD	4	211	270	198	242
1147	68111	LEAD	3	153	167	155	166
1149	68111	LEAD	4	64	118	89	130
1153	68111	LEAD	5	438	511	366	420
1154	68111	LEAD	4	106	169	120	167
1157	68111	LEAD	4	97	120	114	131
1158	68111	LEAD	5	137	220	144	205
1159	68111	LEAD	3	87	115	106	127
1194	68111	LEAD	4	83	114	103	126
1202	68111	LEAD	4	313	425	273	356
1204	68111	LEAD	4	392	441	332	369
1206	68111	LEAD	4	218	443	203	370
1208	68111	LEAD	5	88	97	107	114
1211	68111	LEAD	5	76	176	98	173
1213	68111	LEAD	4	624	1387	504	1068
1221	68111	LEAD	4	217	272	203	243
1225	68111	LEAD	4	139	210	145	198
1238	68111	LEAD	4	243	494	222	407
1246	68111	LEAD	4	214	243	200	222
1251	68111	LEAD	3	422	667	354	536
1262	68111	LEAD	4	154	187	156	180
1264	68111	LEAD	4	204	254	193	230
1265	68111	LEAD	4	75	97	98	113
1266	68111	LEAD	4	200	236	190	217
1275	68111	LEAD	4	116	209	128	197
1277	68111	LEAD	4	170	325	168	283

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1285	68111	LEAD	2	95	112	112	125
1288	68111	LEAD	4	129	213	137	199
1289	68111	LEAD	4	166	454	165	378
1292	68111	LEAD	5	141	254	146	230
1295	68111	LEAD	3	280	572	249	465
1298	68111	LEAD	5	134	296	141	261
1305	68111	LEAD	4	709	1869	566	1425
1306	68111	LEAD	4	350	457	301	380
1309	68111	LEAD	4	292	522	258	428
1320	68111	LEAD	3	285	337	253	291
1325	68111	LEAD	4	165	253	164	229
1329	68111	LEAD	2	549	577	449	469
1330	68111	LEAD	4	83	117	103	129
1335	68111	LEAD	2	358	538	307	440
1336	68111	LEAD	4	279	463	248	385
1337	68111	LEAD	4	280	441	249	369
1338	68111	LEAD	4	279	310	249	271
1340	68111	LEAD	5	240	617	220	498
1343	68111	LEAD	4	460	673	382	540
1345	68111	LEAD	4	291	429	257	359
1350	68111	LEAD	3	208	268	196	240
1353	68111	LEAD	4	338	415	292	349
1368	68111	LEAD	4	382	649	325	522
1372	68111	LEAD	3	269	432	241	362
1376	68111	LEAD	3	364	547	311	447
1377	68111	LEAD	2	314	335	274	290
1397	68111	LEAD	2	93	97	110	114
1402	68111	LEAD	5	153	205	155	193
1422	68111	LEAD	2	384	553	326	451
1425	68111	LEAD	4	245	472	223	391
1426	68111	LEAD	4	312	427	273	358
1427	68111	LEAD	4	638	1496	514	1149
1430	68111	LEAD	2	99	129	115	137
1431	68111	LEAD	4	282	355	251	304
1432	68111	LEAD	4	372	470	317	390
1434	68111	LEAD	4	313	474	273	393
1435	68111	LEAD	4	209	267	196	239
1436	68111	LEAD	4	361	659	309	530
1438	68111	LEAD	4	193	291	185	258
1439	68111	LEAD	4	142	212	147	199
1440	68111	LEAD	3	274	435	245	364
1441	68111	LEAD	4	335	415	290	349
1442	68111	LEAD	3	96	144	113	148
1443	68111	LEAD	4	185	366	179	313
1444	68111	LEAD	5	114	241	126	221

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
1445	68111	LEAD	3	238	276	218	246
1446	68111	LEAD	4	173	316	170	276
1447	68111	LEAD	5	260	354	234	304
1448	68111	LEAD	4	201	235	191	216
1460	68111	LEAD	4	169	221	167	206
1464	68111	LEAD	4	200	335	190	290
1468	68111	LEAD	4	124	151	133	154
1473	68111	LEAD	4	235	319	216	278
1474	68111	LEAD	5	273	417	244	351
1476	68111	LEAD	4	223	282	207	251
1482	68111	LEAD	4	186	215	179	201
1483	68111	LEAD	4	184	257	179	233
1484	68111	LEAD	4	119	158	130	159
1486	68111	LEAD	4	91	118	109	129
1487	68111	LEAD	3	108	155	122	157
1489	68111	LEAD	4	146	217	150	202
1490	68111	LEAD	4	144	218	148	204
1491	68111	LEAD	2	211	282	198	251
1493	68111	LEAD	4	110	147	123	151
1497	68111	LEAD	4	88	148	107	152
1498	68111	LEAD	4	305	622	268	502
2008	68111	LEAD	4	88	115	107	127
2035	68111	LEAD	4	399	554	337	452
2075	68111	LEAD	4	187	271	180	243
2095	68111	LEAD	5	211	462	198	384
2103	68111	LEAD	4	119	212	130	199
2109	68111	LEAD	4	254	543	230	444
2112	68111	LEAD	1	190	190	183	183
2118	68111	LEAD	4	68	107	92	121
2119	68111	LEAD	5	243	496	221	409
2121	68111	LEAD	4	125	166	135	164
2123	68111	LEAD	4	149	326	153	283
2126	68111	LEAD	5	190	249	182	227
2150	68111	LEAD	4	174	338	171	292
2154	68111	LEAD	3	166	333	165	288
2160	68111	LEAD	4	392	485	332	401
2169	68111	LEAD	5	164	198	163	189
2173	68111	LEAD	3	378	453	322	377
2175	68111	LEAD	4	295	421	260	354
2179	68111	LEAD	4	156	215	158	201
2202	68111	LEAD	4	376	654	320	526
2204	68111	LEAD	3	224	413	207	348
2208	68111	LEAD	4	132	164	139	163
2216	68111	LEAD	4	177	240	173	220
2225	68111	LEAD	4	176	272	172	243

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
2231	68111	LEAD	4	178	379	174	322
2232	68111	LEAD	4	287	471	254	391
2242	68111	LEAD	2	116	116	128	128
2246	68111	LEAD	5	268	406	241	343
2262	68111	LEAD	4	330	393	286	333
2281	68111	LEAD	4	435	751	364	598
2286	68111	LEAD	4	337	418	291	351
2287	68111	LEAD	5	131	195	139	187
2288	68111	LEAD	4	83	120	104	130
2290	68111	LEAD	2	355	358	305	307
2298	68111	LEAD	4	269	339	241	293
2305	68111	LEAD	4	305	443	268	370
2310	68111	LEAD	2	274	281	245	250
2343	68111	LEAD	4	298	349	263	301
2344	68111	LEAD	4	332	439	288	367
2349	68111	LEAD	4	167	288	166	255
2365	68111	LEAD	4	76	99	98	115
2366	68111	LEAD	4	262	427	236	358
2375	68111	LEAD	4	124	182	134	177
2406	68111	LEAD	4	170	384	168	326
2407	68111	LEAD	5	402	989	339	774
2425	68111	LEAD	5	238	459	218	381
2542	68111	LEAD	4	345	454	297	378
2548	68111	LEAD	4	286	477	254	395
2549	68111	LEAD	4	118	145	129	149
2559	68111	LEAD	4	223	360	207	309
2560	68111	LEAD	4	120	141	131	147
2562	68111	LEAD	4	156	270	157	242
2565	68111	LEAD	4	184	241	178	221
2566	68111	LEAD	4	277	434	247	363
2571	68111	LEAD	4	204	340	193	294
2572	68111	LEAD	4	220	253	205	229
2573	68111	LEAD	4	462	805	384	638
2574	68111	LEAD	5	186	246	180	224
2576	68111	LEAD	4	1006	1443	786	1110
2577	68111	LEAD	4	59	79	86	101
2579	68111	LEAD	4	194	424	186	356
2580	68111	LEAD	4	270	447	242	373
2581	68111	LEAD	4	640	867	516	683
2583	68111	LEAD	4	247	402	225	339
2584	68111	LEAD	4	53	82	81	103
3009	68111	LEAD	4	183	270	177	242
3014	68111	LEAD	4	216	227	202	210
3016	68111	LEAD	5	146	198	150	189
3019	68111	LEAD	4	85	111	105	124

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
3046	68111	LEAD	5	222	438	206	366
3051	68111	LEAD	4	80	133	101	141
3053	68111	LEAD	4	156	210	157	197
3058	68111	LEAD	4	130	145	139	150
3069	68111	LEAD	4	164	321	163	280
3070	68111	LEAD	4	200	253	190	229
3075	68111	LEAD	2	207	238	195	218
3081	68111	LEAD	4	111	201	124	190
3088	68111	LEAD	5	236	467	217	387
3089	68111	LEAD	4	342	468	295	389
3091	68111	LEAD	3	158	295	159	261
3095	68111	LEAD	4	127	179	136	174
3102	68111	LEAD	4	93	149	111	152
3106	68111	LEAD	4	186	240	180	220
3119	68111	LEAD	3	328	393	285	333
3133	68111	LEAD	4	139	168	145	167
3134	68111	LEAD	4	73	88	96	107
3138	68111	LEAD	4	157	256	158	231
3147	68111	LEAD	4	109	124	123	134
3151	68111	LEAD	4	228	339	211	293
3162	68111	LEAD	4	130	191	138	183
3169	68111	LEAD	2	102	127	118	136
3170	68111	LEAD	4	113	176	126	172
3177	68111	LEAD	4	159	217	160	203
3186	68111	LEAD	5	380	446	324	372
3187	68111	LEAD	5	216	285	202	253
3189	68111	LEAD	2	398	443	336	370
3191	68111	LEAD	4	218	262	203	236
3195	68111	LEAD	4	110	131	123	139
3196	68111	LEAD	4	353	395	303	335
3198	68111	LEAD	4	393	643	333	518
3201	68111	LEAD	4	300	394	264	334
3212	68111	LEAD	5	132	164	140	164
3213	68111	LEAD	5	187	324	180	282
3214	68111	LEAD	4	92	119	110	130
3215	68111	LEAD	4	142	225	147	209
3216	68111	LEAD	4	152	190	155	183
3217	68111	LEAD	4	215	277	201	247
3218	68111	LEAD	4	125	186	135	180
3220	68111	LEAD	4	100	162	116	162
5001	68111	LEAD	4	898	2532	707	1916
5003	68111	LEAD	4	89	139	108	145
5007	68111	LEAD	4	329	452	285	377
5008	68111	LEAD	4	397	560	336	456
5013	68111	LEAD	5	77	99	99	115

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5014	68111	LEAD	5	183	292	178	258
5015	68111	LEAD	2	68	92	92	110
5016	68111	LEAD	4	168	195	166	186
5022	68111	LEAD	5	242	297	221	261
5023	68111	LEAD	4	334	545	289	445
5025	68111	LEAD	5	66	112	91	125
5031	68111	LEAD	4	127	179	136	174
5032	68111	LEAD	4	72	102	95	118
5034	68111	LEAD	3	218	429	203	359
5035	68111	LEAD	4	177	253	173	229
5044	68111	LEAD	5	162	367	162	314
5046	68111	LEAD	4	219	302	204	265
5085	68111	LEAD	5	174	241	171	221
5090	68111	LEAD	5	162	220	162	205
5091	68111	LEAD	5	189	241	182	220
5092	68111	LEAD	5	151	209	154	197
5094	68111	LEAD	4	66	74	91	96
5095	68111	LEAD	5	76	104	98	119
5169	68111	LEAD	4	106	136	120	142
5170	68111	LEAD	4	73	121	96	132
5171	68111	LEAD	5	166	258	165	233
5204	68111	LEAD	4	92	114	110	127
5205	68111	LEAD	4	104	134	119	141
5206	68111	LEAD	4	73	99	96	115
5207	68111	LEAD	4	321	555	280	453
5208	68111	LEAD	4	283	295	252	261
5215	68111	LEAD	4	279	544	248	445
5216	68111	LEAD	4	326	490	283	404
5217	68111	LEAD	4	644	900	518	708
5218	68111	LEAD	4	265	356	238	305
5219	68111	LEAD	4	206	391	194	331
5220	68111	LEAD	4	117	155	129	157
5221	68111	LEAD	5	228	355	211	304
5222	68111	LEAD	4	133	181	141	176
5230	68111	LEAD	4	147	179	151	174
5231	68111	LEAD	4	131	220	139	204
5232	68111	LEAD	4	600	1303	486	1006
5233	68111	LEAD	4	430	852	361	672
5234	68111	LEAD	4	384	641	326	516
5235	68111	LEAD	4	234	327	215	284
5236	68111	LEAD	4	247	349	225	301
5237	68111	LEAD	4	455	636	378	513
5238	68111	LEAD	4	222	473	206	392
5239	68111	LEAD	4	160	237	161	218
5240	68111	LEAD	4	67	106	91	120

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5241	68111	LEAD	4	140	198	146	188
5242	68111	LEAD	4	75	102	98	117
5243	68111	LEAD	4	309	431	271	361
5245	68111	LEAD	4	172	218	169	204
5246	68111	LEAD	4	213	332	199	288
5247	68111	LEAD	4	253	357	229	306
5248	68111	LEAD	4	155	199	157	189
5249	68111	LEAD	4	169	237	167	217
5250	68111	LEAD	4	350	584	301	474
5252	68111	LEAD	4	397	466	336	387
5253	68111	LEAD	4	423	1206	355	935
5286	68111	LEAD	4	118	153	129	155
5287	68111	LEAD	4	76	89	98	108
5288	68111	LEAD	4	117	256	129	231
5289	68111	LEAD	4	79	100	100	116
5290	68111	LEAD	4	106	158	120	159
5291	68111	LEAD	4	91	151	109	154
5292	68111	LEAD	4	67	85	91	105
5293	68111	LEAD	4	86	107	106	121
5294	68111	LEAD	4	373	561	318	457
5295	68111	LEAD	4	240	429	220	360
5296	68111	LEAD	4	443	626	370	505
5329	68111	LEAD	4	426	715	358	571
5330	68111	LEAD	5	359	560	308	456
5333	68111	LEAD	4	193	288	185	255
5513	68111	LEAD	4	151	207	153	195
5514	68111	LEAD	4	113	139	126	145
5515	68111	LEAD	4	248	350	226	301
5516	68111	LEAD	4	199	354	190	304
5517	68111	LEAD	3	399	619	337	500
5518	68111	LEAD	4	184	213	178	200
5519	68111	LEAD	4	134	246	142	224
5611	68111	LEAD	4	228	356	211	305
5618	68111	LEAD	4	118	178	129	174
5619	68111	LEAD	4	155	203	157	192
5625	68111	LEAD	4	303	577	266	469
5626	68111	LEAD	4	295	390	260	331
5645	68111	LEAD	4	128	194	136	186
5655	68111	LEAD	4	283	370	252	316
5665	68111	LEAD	4	219	257	204	232
5666	68111	LEAD	4	172	242	169	221
5670	68111	LEAD	4	140	163	146	162
5681	68111	LEAD	4	414	771	348	612
5686	68111	LEAD	4	227	636	210	512
5687	68111	LEAD	3	259	440	234	367

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25624	68111	LEAD	4	176	263	172	236
25637	68111	LEAD	4	141	265	146	238
25640	68111	LEAD	4	323	462	281	384
25642	68111	LEAD	5	214	277	200	247
25644	68111	LEAD	4	134	250	141	227
25645	68111	LEAD	4	302	562	265	458
25646	68111	LEAD	3	291	386	257	328
25647	68111	LEAD	4	234	343	215	296
25648	68111	LEAD	4	270	354	242	304
25649	68111	LEAD	4	233	276	214	246
25651	68111	LEAD	5	237	440	217	368
25652	68111	LEAD	4	266	356	239	306
25658	68111	LEAD	4	526	761	431	605
25660	68111	LEAD	3	314	430	274	360
25662	68111	LEAD	4	231	451	213	376
25663	68111	LEAD	5	288	411	255	346
25669	68111	LEAD	4	206	245	195	224
25670	68111	LEAD	4	206	259	195	233
25671	68111	LEAD	4	282	386	250	328
25673	68111	LEAD	4	338	626	292	505
25674	68111	LEAD	3	110	123	124	133
25675	68111	LEAD	4	270	827	242	654
25678	68111	LEAD	4	672	1219	539	944
25679	68111	LEAD	4	422	491	354	405
25680	68111	LEAD	4	222	295	206	260
25681	68111	LEAD	4	178	347	173	299
25682	68111	LEAD	4	350	556	301	454
25683	68111	LEAD	4	379	550	322	449
25684	68111	LEAD	3	275	460	245	382
25685	68111	LEAD	4	330	423	286	355
25686	68111	LEAD	4	442	910	369	716
25687	68111	LEAD	4	300	602	264	488
25688	68111	LEAD	4	390	473	331	392
25693	68111	LEAD	3	570	972	463	762
25695	68111	LEAD	4	645	827	519	654
25696	68111	LEAD	5	524	672	430	540
25697	68111	LEAD	4	208	267	196	239
25698	68111	LEAD	2	75	95	98	112
25699	68111	LEAD	4	360	473	308	392
25701	68111	LEAD	4	416	908	350	714
25705	68111	LEAD	4	318	586	277	476
25706	68111	LEAD	4	268	343	240	296
25708	68111	LEAD	4	441	809	368	641
25709	68111	LEAD	4	163	222	162	206
25716	68111	LEAD	4	264	521	237	427

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25718	68111	LEAD	4	303	503	266	414
25719	68111	LEAD	4	449	521	375	428
25724	68111	LEAD	4	453	730	377	582
25726	68111	LEAD	4	1308	2060	1010	1566
25727	68111	LEAD	3	117	213	129	200
25730	68111	LEAD	4	327	491	284	405
25731	68111	LEAD	4	535	756	438	601
25732	68111	LEAD	4	165	332	164	288
25735	68111	LEAD	4	383	515	325	423
25736	68111	LEAD	4	439	741	367	591
25738	68111	LEAD	4	448	686	373	550
25739	68111	LEAD	4	219	288	204	255
25741	68111	LEAD	4	414	483	348	399
25742	68111	LEAD	4	316	510	276	419
25745	68111	LEAD	4	223	248	207	225
25747	68111	LEAD	4	783	1214	621	940
25749	68111	LEAD	4	196	210	187	198
25750	68111	LEAD	4	253	493	229	407
25754	68111	LEAD	4	282	458	251	381
25755	68111	LEAD	4	160	190	160	182
25756	68111	LEAD	3	319	516	278	424
25758	68111	LEAD	5	335	468	290	388
25759	68111	LEAD	4	298	402	263	340
25761	68111	LEAD	4	307	522	269	429
25762	68111	LEAD	2	694	786	556	623
25763	68111	LEAD	4	308	422	270	355
25764	68111	LEAD	4	250	366	227	312
25765	68111	LEAD	4	278	410	248	346
25766	68111	LEAD	4	186	329	179	285
25768	68111	LEAD	4	350	516	301	424
25769	68111	LEAD	5	172	200	169	190
25770	68111	LEAD	4	370	526	315	432
25771	68111	LEAD	3	692	843	554	666
25772	68111	LEAD	4	304	534	267	437
25773	68111	LEAD	4	369	801	315	634
25774	68111	LEAD	4	204	401	193	339
25775	68111	LEAD	3	164	224	164	207
25776	68111	LEAD	4	326	556	283	453
25778	68111	LEAD	3	224	342	208	295
25779	68111	LEAD	3	352	433	302	363
25780	68111	LEAD	4	122	244	132	222
25781	68111	LEAD	4	199	242	189	221
25782	68111	LEAD	4	315	600	275	486
25785	68111	LEAD	3	292	394	258	333
25786	68111	LEAD	4	413	923	347	725

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25787	68111	LEAD	4	600	982	486	769
25788	68111	LEAD	5	293	357	258	306
25790	68111	LEAD	3	423	720	355	575
25793	68111	LEAD	4	258	325	233	283
25794	68111	LEAD	4	405	457	342	380
25796	68111	LEAD	4	441	675	368	541
25797	68111	LEAD	2	201	226	191	209
25800	68111	LEAD	4	253	514	229	423
25801	68111	LEAD	4	237	309	217	271
25803	68111	LEAD	4	310	579	271	471
25804	68111	LEAD	4	273	319	244	278
25805	68111	LEAD	4	287	383	254	326
25807	68111	LEAD	5	187	345	180	297
25808	68111	LEAD	4	272	428	243	359
25809	68111	LEAD	4	310	410	271	346
25810	68111	LEAD	4	364	638	311	514
25811	68111	LEAD	4	457	776	380	616
25813	68111	LEAD	4	270	416	242	350
25814	68111	LEAD	2	566	757	461	602
25815	68111	LEAD	4	220	298	205	262
25816	68111	LEAD	4	132	153	140	155
25817	68111	LEAD	4	420	543	353	444
25818	68111	LEAD	4	429	580	360	471
25819	68111	LEAD	4	359	639	308	515
25821	68111	LEAD	4	325	525	282	430
25823	68111	LEAD	4	355	595	305	482
25824	68111	LEAD	4	392	755	332	601
25825	68111	LEAD	4	420	778	353	618
25826	68111	LEAD	3	562	609	458	493
25827	68111	LEAD	5	328	387	285	328
25828	68111	LEAD	4	304	566	267	461
25829	68111	LEAD	4	683	890	547	700
25830	68111	LEAD	4	415	542	349	443
25831	68111	LEAD	4	456	786	380	623
25833	68111	LEAD	4	660	898	530	706
25834	68111	LEAD	4	218	318	204	277
25836	68111	LEAD	4	491	739	405	589
25837	68111	LEAD	3	686	914	550	718
25838	68111	LEAD	4	519	720	426	575
25840	68111	LEAD	4	206	302	194	265
25843	68111	LEAD	4	151	243	154	222
25844	68111	LEAD	4	115	168	127	166
25845	68111	LEAD	3	347	405	299	342
25847	68111	LEAD	2	631	793	509	629
25848	68111	LEAD	4	90	112	109	125

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25849	68111	LEAD	3	443	549	370	448
25850	68111	LEAD	2	168	182	167	177
25851	68111	LEAD	4	477	649	395	522
25853	68111	LEAD	4	104	135	119	142
25854	68111	LEAD	4	663	884	533	696
25855	68111	LEAD	5	500	578	412	470
25860	68111	LEAD	4	191	403	184	340
25862	68111	LEAD	4	251	628	228	506
25863	68111	LEAD	4	231	340	213	294
25864	68111	LEAD	4	140	156	146	158
25866	68111	LEAD	4	116	235	128	216
25868	68111	LEAD	4	260	312	234	273
25869	68111	LEAD	4	75	108	97	122
25870	68111	LEAD	4	183	326	177	284
25871	68111	LEAD	5	462	679	384	544
25872	68111	LEAD	4	402	651	340	524
25873	68111	LEAD	4	191	366	183	313
25874	68111	LEAD	5	367	441	313	368
25875	68111	LEAD	4	380	671	323	539
25876	68111	LEAD	2	241	338	220	292
25877	68111	LEAD	4	183	293	178	259
25879	68111	LEAD	5	179	276	175	246
25883	68111	LEAD	3	710	803	567	637
25884	68111	LEAD	2	995	1568	778	1203
25894	68111	LEAD	4	243	470	221	390
25896	68111	LEAD	2	271	291	242	258
25898	68111	LEAD	2	452	622	376	502
25899	68111	LEAD	1	496	496	409	409
25903	68111	LEAD	4	175	297	171	261
25907	68111	LEAD	4	231	328	213	285
25908	68111	LEAD	4	322	443	280	370
25910	68111	LEAD	4	289	383	256	325
25912	68111	LEAD	4	121	138	132	144
25915	68111	LEAD	5	151	352	154	303
25918	68111	LEAD	4	63	84	89	104
25919	68111	LEAD	4	481	697	398	558
25921	68111	LEAD	4	409	1020	345	797
25924	68111	LEAD	4	137	163	143	163
25925	68111	LEAD	4	538	862	440	680
25927	68111	LEAD	4	155	210	157	197
25930	68111	LEAD	3	299	441	263	369
25931	68111	LEAD	4	207	276	196	247
25932	68111	LEAD	4	577	958	469	751
25933	68111	LEAD	4	440	667	368	536
25935	68111	LEAD	4	226	296	209	261

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25936	68111	LEAD	4	315	398	275	337
25937	68111	LEAD	4	207	364	195	312
25938	68111	LEAD	4	254	324	230	282
25939	68111	LEAD	4	434	800	363	634
25942	68111	LEAD	4	393	684	333	548
25943	68111	LEAD	4	276	492	246	406
25944	68111	LEAD	3	242	356	221	306
25947	68111	LEAD	4	547	677	447	543
25949	68111	LEAD	5	238	437	218	365
25950	68111	LEAD	5	259	350	233	301
25952	68111	LEAD	4	236	380	217	323
25953	68111	LEAD	5	167	411	166	346
25955	68111	LEAD	4	31	64	65	89
25956	68111	LEAD	4	125	174	135	171
25958	68111	LEAD	5	507	822	417	650
25961	68111	LEAD	4	282	411	251	346
25962	68111	LEAD	4	358	485	307	401
25963	68111	LEAD	4	319	371	278	317
25964	68111	LEAD	4	1240	2847	959	2149
25965	68111	LEAD	4	281	363	250	311
25968	68111	LEAD	4	933	1221	732	945
25970	68111	LEAD	4	275	440	246	367
25971	68111	LEAD	4	309	543	270	444
25972	68111	LEAD	3	340	445	294	371
25973	68111	LEAD	4	91	155	109	157
25974	68111	LEAD	4	146	296	150	261
25975	68111	LEAD	4	601	904	487	711
25976	68111	LEAD	4	207	455	196	379
25977	68111	LEAD	5	120	203	131	192
25978	68111	LEAD	4	988	1574	773	1207
25979	68111	LEAD	4	137	215	143	201
25980	68111	LEAD	2	511	593	420	481
25981	68111	LEAD	4	313	349	274	300
25982	68111	LEAD	4	364	763	311	606
25983	68111	LEAD	3	340	389	294	330
25984	68111	LEAD	4	361	515	309	423
25985	68111	LEAD	4	582	605	473	490
25986	68111	LEAD	4	198	456	188	379
25987	68111	LEAD	4	453	583	377	473
25988	68111	LEAD	4	126	157	135	159
25990	68111	LEAD	4	181	490	176	405
25991	68111	LEAD	4	205	373	194	318
25992	68111	LEAD	4	380	508	323	418
25993	68111	LEAD	5	248	318	226	278
25995	68111	LEAD	3	236	476	217	394

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25996	68111	LEAD	1	466	466	387	387
26000	68111	LEAD	5	434	620	363	501
26002	68111	LEAD	5	413	846	347	668
26004	68111	LEAD	4	424	475	356	394
26005	68111	LEAD	3	527	665	432	534
26006	68111	LEAD	5	294	370	260	316
26007	68111	LEAD	4	413	456	347	379
26008	68111	LEAD	4	133	253	140	229
26009	68111	LEAD	4	207	265	195	238
26011	68111	LEAD	4	236	306	217	269
26012	68111	LEAD	3	420	661	353	531
26014	68111	LEAD	2	287	327	254	284
26018	68111	LEAD	4	267	345	239	297
26020	68111	LEAD	4	608	913	492	718
26021	68111	LEAD	4	323	374	281	319
26025	68111	LEAD	5	290	521	257	427
26027	68111	LEAD	4	347	553	299	451
26029	68111	LEAD	4	283	465	252	386
26030	68111	LEAD	4	605	1154	490	896
26032	68111	LEAD	4	61	73	87	96
26033	68111	LEAD	5	184	413	178	348
26034	68111	LEAD	4	140	206	145	194
26035	68111	LEAD	4	469	858	389	677
26036	68111	LEAD	4	270	445	242	371
26038	68111	LEAD	4	111	164	124	163
26039	68111	LEAD	3	591	651	479	524
26040	68111	LEAD	4	97	167	114	165
26041	68111	LEAD	4	147	178	151	174
26042	68111	LEAD	4	446	543	372	444
26043	68111	LEAD	4	320	390	279	330
26044	68111	LEAD	4	291	557	257	454
26045	68111	LEAD	4	330	619	286	500
26049	68111	LEAD	4	257	486	232	402
26051	68111	LEAD	2	536	859	439	678
26052	68111	LEAD	3	142	172	147	169
26053	68111	LEAD	4	129	167	138	165
26054	68111	LEAD	4	155	179	157	174
26055	68111	LEAD	4	160	332	161	288
26056	68111	LEAD	4	211	273	198	244
26057	68111	LEAD	4	629	827	507	654
26061	68111	LEAD	5	248	779	225	619
26062	68111	LEAD	2	873	1215	688	941
26063	68111	LEAD	4	502	722	414	576
26065	68111	LEAD	4	328	436	285	364
26066	68111	LEAD	4	542	748	443	596

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26067	68111	LEAD	4	166	325	165	282
26068	68111	LEAD	5	310	427	271	358
26069	68111	LEAD	4	307	445	269	371
26070	68111	LEAD	3	242	545	221	445
26072	68111	LEAD	2	231	280	213	249
26076	68111	LEAD	4	358	510	307	420
26077	68111	LEAD	4	533	659	436	530
26078	68111	LEAD	2	153	212	155	199
26079	68111	LEAD	2	213	280	199	249
26080	68111	LEAD	2	150	178	153	174
26082	68111	LEAD	3	105	121	120	131
26083	68111	LEAD	4	277	373	247	318
26084	68111	LEAD	4	432	580	361	471
26086	68111	LEAD	4	39	54	71	82
26087	68111	LEAD	4	96	121	113	132
26088	68111	LEAD	3	489	1007	404	788
26089	68111	LEAD	3	574	739	467	589
26090	68111	LEAD	3	366	473	313	392
26092	68111	LEAD	4	387	703	329	563
26093	68111	LEAD	4	326	557	283	454
26100	68111	LEAD	4	214	305	200	268
26101	68111	LEAD	5	184	244	178	222
26102	68111	LEAD	4	602	1112	487	865
26103	68111	LEAD	2	157	232	158	214
26105	68111	LEAD	5	499	677	411	543
26106	68111	LEAD	4	3701	7289	2781	5436
26107	68111	LEAD	3	203	212	193	199
26108	68111	LEAD	3	108	145	122	149
26110	68111	LEAD	4	176	262	172	236
26112	68111	LEAD	4	379	838	322	662
26113	68111	LEAD	4	264	368	238	314
26114	68111	LEAD	4	348	559	300	456
26115	68111	LEAD	4	81	101	102	117
26116	68111	LEAD	4	210	306	198	269
26117	68111	LEAD	4	536	810	439	641
26118	68111	LEAD	4	76	84	98	104
26119	68111	LEAD	4	229	461	212	383
26120	68111	LEAD	4	478	667	396	536
26123	68111	LEAD	2	218	218	203	204
26124	68111	LEAD	4	105	129	120	137
26126	68111	LEAD	4	184	274	178	245
26129	68111	LEAD	4	220	263	205	236
26131	68111	LEAD	4	142	278	147	248
26132	68111	LEAD	5	326	374	283	319
26135	68111	LEAD	4	144	189	149	182

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26137	68111	LEAD	5	120	165	130	164
26139	68111	LEAD	4	211	350	198	301
26140	68111	LEAD	6	324	615	282	497
26141	68111	LEAD	4	269	444	241	371
26142	68111	LEAD	4	56	78	83	100
26143	68111	LEAD	5	341	830	295	656
26144	68111	LEAD	4	331	364	287	311
26145	68111	LEAD	4	57	65	84	90
26146	68111	LEAD	4	153	310	155	271
26147	68111	LEAD	4	250	321	227	279
26149	68111	LEAD	4	155	215	157	201
26150	68111	LEAD	4	98	143	114	148
26153	68111	LEAD	4	289	379	256	322
26154	68111	LEAD	4	614	698	496	558
26157	68111	LEAD	4	270	498	242	410
26158	68111	LEAD	4	343	471	296	391
26159	68111	LEAD	4	427	635	358	512
26160	68111	LEAD	4	474	1193	393	925
26161	68111	LEAD	3	425	600	356	486
26162	68111	LEAD	4	80	143	101	148
26164	68111	LEAD	5	484	731	400	583
26165	68111	LEAD	4	196	258	187	233
26166	68111	LEAD	3	183	367	178	313
26168	68111	LEAD	5	169	230	167	212
26170	68111	LEAD	4	159	206	160	194
26172	68111	LEAD	4	268	321	240	280
26173	68111	LEAD	4	411	498	346	411
26174	68111	LEAD	4	255	364	231	312
26176	68111	LEAD	4	273	339	244	293
26177	68111	LEAD	4	331	411	287	346
26178	68111	LEAD	4	226	305	209	268
26179	68111	LEAD	4	315	395	275	334
26183	68111	LEAD	4	293	333	259	288
26184	68111	LEAD	4	204	253	193	229
26185	68111	LEAD	4	437	648	365	521
26187	68111	LEAD	4	383	461	325	383
26188	68111	LEAD	4	141	187	147	181
26189	68111	LEAD	4	206	536	194	439
26190	68111	LEAD	4	175	260	172	234
26191	68111	LEAD	4	184	295	178	260
26193	68111	LEAD	4	195	372	186	318
26194	68111	LEAD	4	135	210	142	197
26195	68111	LEAD	3	229	284	212	252
26196	68111	LEAD	4	595	893	482	703
26199	68111	LEAD	5	367	658	314	529

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26200	68111	LEAD	4	329	446	286	372
26202	68111	LEAD	4	220	343	205	296
26203	68111	LEAD	4	105	179	120	174
26204	68111	LEAD	4	51	85	80	105
26205	68111	LEAD	4	172	236	169	217
26206	68111	LEAD	4	391	752	331	598
26209	68111	LEAD	4	105	123	120	133
26210	68111	LEAD	4	247	536	225	439
26211	68111	LEAD	4	195	347	187	299
26212	68111	LEAD	5	172	353	169	303
26213	68111	LEAD	4	287	458	254	381
26214	68111	LEAD	4	554	685	452	549
26215	68111	LEAD	4	383	500	326	412
26216	68111	LEAD	4	384	464	326	385
26217	68111	LEAD	4	66	97	91	114
26222	68111	LEAD	4	219	282	204	251
26224	68111	LEAD	4	282	385	251	327
26225	68111	LEAD	4	400	480	338	397
26226	68111	LEAD	4	799	1775	633	1355
26227	68111	LEAD	4	240	329	220	285
26228	68111	LEAD	4	268	536	240	439
26229	68111	LEAD	4	300	377	264	321
26230	68111	LEAD	3	333	524	289	430
26231	68111	LEAD	4	159	284	160	252
26232	68111	LEAD	4	224	344	208	296
26233	68111	LEAD	4	104	142	119	147
26235	68111	LEAD	4	77	95	99	112
26236	68111	LEAD	2	53	62	81	88
26240	68111	LEAD	4	178	306	174	268
26241	68111	LEAD	3	263	421	236	353
26242	68111	LEAD	4	478	719	396	574
26246	68111	LEAD	4	141	180	147	175
26248	68111	LEAD	2	224	326	208	283
26249	68111	LEAD	4	195	321	186	279
26251	68111	LEAD	3	250	337	227	291
26256	68111	LEAD	4	242	341	221	295
26257	68111	LEAD	4	744	1239	592	959
26261	68111	LEAD	3	312	395	273	335
26263	68111	LEAD	3	567	749	461	596
26264	68111	LEAD	5	308	405	270	342
26265	68111	LEAD	4	205	314	193	274
26266	68111	LEAD	4	319	444	278	371
26268	68111	LEAD	4	73	94	96	111
26269	68111	LEAD	5	206	264	194	237
26270	68111	LEAD	4	85	149	105	152

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26271	68111	LEAD	4	350	494	301	407
26273	68111	LEAD	4	298	372	263	317
26274	68111	LEAD	4	92	119	110	130
26275	68111	LEAD	4	97	206	114	194
26276	68111	LEAD	4	508	594	418	482
26277	68111	LEAD	4	103	133	118	140
26279	68111	LEAD	4	426	590	357	479
26281	68111	LEAD	4	145	173	150	170
26282	68111	LEAD	3	205	231	193	213
26283	68111	LEAD	4	145	266	150	239
26284	68111	LEAD	3	286	425	254	356
26285	68111	LEAD	5	306	338	268	292
26286	68111	LEAD	4	112	207	125	195
26288	68111	LEAD	5	181	264	176	237
26289	68111	LEAD	4	726	947	579	743
26290	68111	LEAD	4	140	185	146	179
26291	68111	LEAD	4	108	118	122	129
26292	68111	LEAD	4	225	243	208	222
26293	68111	LEAD	4	315	440	275	367
26294	68111	LEAD	4	301	631	264	509
26295	68111	LEAD	4	145	149	149	152
26296	68111	LEAD	3	86	112	106	125
26300	68111	LEAD	4	472	796	391	631
26301	68111	LEAD	2	702	1053	561	821
26303	68111	LEAD	4	163	277	163	247
26304	68111	LEAD	4	250	290	227	257
26305	68111	LEAD	4	368	608	314	492
26306	68111	LEAD	4	79	105	101	119
26307	68111	LEAD	4	140	182	145	177
26308	68111	LEAD	3	85	92	105	110
26310	68111	LEAD	4	75	91	98	110
26311	68111	LEAD	4	229	410	212	346
26312	68111	LEAD	4	560	811	456	642
26313	68111	LEAD	4	374	594	319	482
26314	68111	LEAD	4	262	328	236	285
26315	68111	LEAD	5	318	493	277	407
26316	68111	LEAD	4	184	546	178	446
26318	68111	LEAD	2	270	386	242	327
26319	68111	LEAD	3	291	298	257	262
26320	68111	LEAD	4	260	603	235	488
26322	68111	LEAD	5	969	2796	759	2111
26323	68111	LEAD	4	237	296	218	261
26324	68111	LEAD	5	138	293	144	259
26326	68111	LEAD	4	318	545	277	445
26327	68111	LEAD	4	92	127	110	136

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26328	68111	LEAD	4	504	899	415	707
26329	68111	LEAD	4	455	869	379	685
26330	68111	LEAD	4	303	442	266	369
26331	68111	LEAD	4	157	234	159	215
26332	68111	LEAD	4	242	359	221	308
26333	68111	LEAD	4	442	658	369	529
26334	68111	LEAD	4	294	415	259	349
26335	68111	LEAD	5	348	701	299	561
26337	68111	LEAD	4	509	644	419	518
26340	68111	LEAD	5	111	145	124	150
26343	68111	LEAD	4	255	400	231	338
26344	68111	LEAD	4	293	321	259	279
26345	68111	LEAD	5	340	691	293	553
26347	68111	LEAD	4	98	207	114	195
26348	68111	LEAD	4	94	119	112	130
26349	68111	LEAD	4	159	220	159	205
26351	68111	LEAD	4	40	63	72	88
26352	68111	LEAD	4	90	97	108	114
26353	68111	LEAD	4	94	123	111	133
26354	68111	LEAD	4	294	478	259	396
26356	68111	LEAD	4	154	178	156	174
26357	68111	LEAD	3	84	94	104	112
26359	68111	LEAD	4	222	258	207	233
26360	68111	LEAD	4	1054	2163	822	1642
26361	68111	LEAD	4	137	276	143	246
26362	68111	LEAD	4	298	380	263	323
26363	68111	LEAD	4	408	872	344	687
26364	68111	LEAD	4	410	605	346	490
26366	68111	LEAD	4	355	464	305	385
26368	68111	LEAD	4	248	393	226	333
26370	68111	LEAD	4	172	291	169	258
26371	68111	LEAD	4	325	447	283	373
26372	68111	LEAD	3	1306	3253	1008	2449
26373	68111	LEAD	4	137	179	143	175
26375	68111	LEAD	4	160	224	160	208
26376	68111	LEAD	4	365	632	312	510
26377	68111	LEAD	5	459	827	382	654
26379	68111	LEAD	3	285	359	253	307
26381	68111	LEAD	5	114	241	127	221
26385	68111	LEAD	4	381	787	324	624
26390	68111	LEAD	4	230	489	212	404
26392	68111	LEAD	4	523	1176	429	912
26394	68111	LEAD	4	204	267	193	239
26395	68111	LEAD	5	221	371	206	316
26396	68111	LEAD	4	187	301	181	264

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26397	68111	LEAD	4	237	414	217	349
26399	68111	LEAD	4	297	666	262	535
26401	68111	LEAD	4	132	138	140	144
26403	68111	LEAD	4	651	946	524	742
26404	68111	LEAD	2	87	106	107	120
26405	68111	LEAD	4	172	303	169	266
26406	68111	LEAD	4	278	685	248	549
26407	68111	LEAD	3	421	929	354	729
26408	68111	LEAD	4	248	376	225	320
26409	68111	LEAD	4	89	112	108	125
26412	68111	LEAD	4	70	79	94	101
26414	68111	LEAD	5	307	463	269	385
26417	68111	LEAD	4	69	75	93	97
26418	68111	LEAD	4	195	281	187	250
26419	68111	LEAD	3	262	456	236	380
26420	68111	LEAD	2	262	364	236	311
26421	68111	LEAD	3	169	285	167	253
26422	68111	LEAD	3	333	417	289	350
26424	68111	LEAD	4	169	313	167	274
26427	68111	LEAD	4	157	259	158	234
26428	68111	LEAD	3	351	469	302	389
26429	68111	LEAD	4	80	109	101	123
26430	68111	LEAD	5	288	673	255	540
26431	68111	LEAD	3	162	194	162	186
26432	68111	LEAD	4	75	97	98	113
26433	68111	LEAD	5	226	424	210	356
26434	68111	LEAD	4	195	310	186	271
26436	68111	LEAD	4	126	225	135	208
26438	68111	LEAD	4	133	183	140	177
26442	68111	LEAD	4	206	276	194	246
26445	68111	LEAD	4	472	815	392	645
26446	68111	LEAD	4	649	714	522	570
26449	68111	LEAD	4	138	233	144	214
26450	68111	LEAD	3	295	340	261	293
26451	68111	LEAD	4	250	401	227	339
26453	68111	LEAD	4	402	554	340	452
26455	68111	LEAD	3	150	306	153	268
26456	68111	LEAD	4	263	517	237	425
26457	68111	LEAD	4	263	447	237	373
26458	68111	LEAD	4	253	472	229	391
26459	68111	LEAD	4	166	234	165	215
26463	68111	LEAD	4	179	224	175	208
26464	68111	LEAD	4	251	370	228	316
26466	68111	LEAD	5	324	461	282	383
26467	68111	LEAD	4	103	186	118	179

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26470	68111	LEAD	4	190	277	183	247
26471	68111	LEAD	4	406	916	342	720
26472	68111	LEAD	4	100	159	116	160
26473	68111	LEAD	5	118	181	129	176
26474	68111	LEAD	4	240	368	220	314
26475	68111	LEAD	4	551	925	450	726
26476	68111	LEAD	4	148	203	152	192
26477	68111	LEAD	3	195	264	187	237
26478	68111	LEAD	4	36	49	69	78
26479	68111	LEAD	4	226	289	209	256
26480	68111	LEAD	3	316	590	276	478
26481	68111	LEAD	4	131	224	139	207
26482	68111	LEAD	4	261	371	235	316
26483	68111	LEAD	4	114	128	127	137
26484	68111	LEAD	4	115	137	127	143
26485	68111	LEAD	4	408	878	344	692
26486	68111	LEAD	4	59	71	86	95
26487	68111	LEAD	4	135	219	142	204
26488	68111	LEAD	4	135	368	142	314
26489	68111	LEAD	4	369	660	315	531
26490	68111	LEAD	4	170	182	168	177
26493	68111	LEAD	4	123	166	133	165
26495	68111	LEAD	4	128	152	136	154
26496	68111	LEAD	2	161	180	161	175
26498	68111	LEAD	4	174	232	171	214
26499	68111	LEAD	4	239	415	219	349
26500	68111	LEAD	4	366	925	313	726
26501	68111	LEAD	4	105	188	119	181
26504	68111	LEAD	4	566	708	461	566
26505	68111	LEAD	5	420	905	353	711
26507	68111	LEAD	4	170	428	168	359
26510	68111	LEAD	5	96	110	113	123
26512	68111	LEAD	3	257	350	232	301
26514	68111	LEAD	3	348	550	300	449
26515	68111	LEAD	4	340	686	293	550
26516	68111	LEAD	4	534	741	438	590
26517	68111	LEAD	3	450	692	375	554
26518	68111	LEAD	4	319	560	278	456
26519	68111	LEAD	4	470	613	390	496
26520	68111	LEAD	3	329	462	286	384
26521	68111	LEAD	4	124	229	134	212
26522	68111	LEAD	4	443	890	370	701
26524	68111	LEAD	4	415	548	349	448
26526	68111	LEAD	4	160	311	160	272
26536	68111	LEAD	5	168	269	166	241

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26537	68111	LEAD	3	281	397	250	336
26541	68111	LEAD	4	219	298	204	263
26543	68111	LEAD	4	255	327	231	284
26545	68111	LEAD	4	355	460	304	382
26547	68111	LEAD	4	164	226	164	209
26549	68111	LEAD	4	169	211	167	198
26552	68111	LEAD	4	311	573	272	466
26554	68111	LEAD	4	438	639	366	515
26562	68111	LEAD	4	462	647	384	521
26564	68111	LEAD	4	534	961	437	753
26566	68111	LEAD	4	313	511	273	420
26570	68111	LEAD	4	606	1150	490	893
26571	68111	LEAD	4	313	533	273	436
26573	68111	LEAD	4	350	473	301	392
26574	68111	LEAD	4	80	107	102	121
26576	68111	LEAD	4	285	337	253	291
26579	68111	LEAD	4	210	412	197	347
26581	68111	LEAD	4	379	477	323	395
26582	68111	LEAD	4	263	429	236	360
26583	68111	LEAD	4	27	38	62	70
26588	68111	LEAD	3	402	719	339	574
26589	68111	LEAD	4	175	252	171	229
26590	68111	LEAD	5	520	690	427	553
26591	68111	LEAD	4	158	208	159	196
26593	68111	LEAD	5	340	468	294	388
26594	68111	LEAD	4	509	972	419	762
26595	68111	LEAD	4	485	559	401	456
26596	68111	LEAD	4	1587	2558	1216	1935
26597	68111	LEAD	4	266	387	239	328
26599	68111	LEAD	4	636	889	512	700
26601	68111	LEAD	4	424	502	356	413
26602	68111	LEAD	4	304	400	267	338
26604	68111	LEAD	4	70	80	94	101
26605	68111	LEAD	4	75	97	98	113
26607	68111	LEAD	4	211	378	198	322
26610	68111	LEAD	4	235	302	216	265
26611	68111	LEAD	4	112	132	125	140
26612	68111	LEAD	5	191	249	183	226
26615	68111	LEAD	4	142	256	147	231
26616	68111	LEAD	4	186	325	179	282
26620	68111	LEAD	4	380	565	323	460
26624	68111	LEAD	4	227	375	210	320
26625	68111	LEAD	4	151	280	154	249
26626	68111	LEAD	4	318	352	278	303
26629	68111	LEAD	4	337	662	292	532

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26630	68111	LEAD	4	296	456	261	380
26632	68111	LEAD	4	337	606	292	490
26633	68111	LEAD	3	383	465	325	386
26634	68111	LEAD	4	229	492	212	406
26635	68111	LEAD	4	448	1176	373	912
26636	68111	LEAD	4	183	264	178	237
26637	68111	LEAD	4	185	286	179	254
26638	68111	LEAD	4	81	104	102	119
26641	68111	LEAD	4	248	536	225	439
26642	68111	LEAD	4	301	480	265	397
26643	68111	LEAD	5	136	181	143	176
26644	68111	LEAD	4	191	319	183	278
26645	68111	LEAD	4	291	390	257	330
26646	68111	LEAD	4	136	217	143	203
26649	68111	LEAD	4	48	76	77	98
26650	68111	LEAD	3	284	358	252	307
26652	68111	LEAD	4	56	69	83	93
26653	68111	LEAD	5	217	356	202	305
26654	68111	LEAD	4	61	92	87	110
26655	68111	LEAD	4	278	578	248	470
26657	68111	LEAD	4	419	683	352	548
26658	68111	LEAD	4	809	2745	641	2073
26659	68111	LEAD	4	70	116	94	128
26661	68111	LEAD	4	446	541	372	443
26663	68111	LEAD	4	380	565	323	460
26664	68111	LEAD	4	95	135	112	142
26665	68111	LEAD	4	309	384	271	326
26666	68111	LEAD	5	53	91	81	109
26669	68111	LEAD	4	507	625	417	505
26670	68111	LEAD	4	695	1103	556	858
26671	68111	LEAD	4	517	1316	424	1016
26672	68111	LEAD	4	156	200	158	190
26673	68111	LEAD	4	381	1047	324	816
26674	68111	LEAD	3	263	295	237	260
26675	68111	LEAD	4	320	480	279	397
26676	68111	LEAD	4	211	347	198	299
26677	68111	LEAD	5	106	145	120	149
26678	68111	LEAD	4	402	614	339	497
26679	68111	LEAD	4	143	221	148	205
26680	68111	LEAD	2	316	397	276	336
26681	68111	LEAD	5	420	927	352	728
26682	68111	LEAD	4	241	259	220	234
26684	68111	LEAD	5	146	185	150	179
26686	68111	LEAD	4	416	650	350	523
26687	68111	LEAD	3	308	340	270	294

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26689	68111	LEAD	4	771	1217	613	943
26690	68111	LEAD	4	243	370	222	316
26693	68111	LEAD	4	453	560	378	456
26695	68111	LEAD	4	168	242	167	221
26696	68111	LEAD	4	318	546	277	446
26698	68111	LEAD	4	469	894	389	703
26700	68111	LEAD	4	387	517	329	424
26702	68111	LEAD	4	307	382	269	325
26705	68111	LEAD	3	329	395	286	335
26710	68111	LEAD	4	67	86	92	106
26711	68111	LEAD	4	383	652	325	524
26712	68111	LEAD	4	56	88	84	107
26713	68111	LEAD	4	403	620	340	501
26714	68111	LEAD	4	43	70	73	94
26715	68111	LEAD	4	28	34	62	67
26716	68111	LEAD	4	224	321	208	280
26718	68111	LEAD	4	31	35	65	68
26720	68111	LEAD	4	335	559	290	456
26721	68111	LEAD	4	331	546	287	446
26722	68111	LEAD	4	234	451	215	376
26725	68111	LEAD	4	265	472	238	391
26727	68111	LEAD	4	128	197	136	187
26728	68111	LEAD	4	235	509	216	419
26729	68111	LEAD	4	240	429	220	359
26730	68111	LEAD	3	687	1169	551	907
26732	68111	LEAD	4	374	535	319	438
26734	68111	LEAD	4	264	417	237	350
26736	68111	LEAD	4	391	539	331	441
26737	68111	LEAD	4	248	351	226	302
26738	68111	LEAD	4	391	704	331	563
26740	68111	LEAD	4	86	118	105	129
26741	68111	LEAD	4	370	555	316	452
26742	68111	LEAD	3	261	428	235	358
26744	68111	LEAD	3	408	908	344	714
26745	68111	LEAD	4	776	1207	616	935
26746	68111	LEAD	4	473	1561	392	1197
26748	68111	LEAD	3	185	244	179	222
26749	68111	LEAD	4	138	186	144	180
26750	68111	LEAD	4	257	467	232	387
26751	68111	LEAD	4	315	581	275	472
26752	68111	LEAD	3	60	93	87	111
26753	68111	LEAD	5	236	402	217	339
26754	68111	LEAD	4	346	561	298	457
26756	68111	LEAD	4	313	536	274	439
26757	68111	LEAD	4	248	303	226	267

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26758	68111	LEAD	4	150	220	153	205
26759	68111	LEAD	4	317	370	277	316
26760	68111	LEAD	3	240	463	219	384
26761	68111	LEAD	4	396	463	335	385
26763	68111	LEAD	4	469	721	389	575
26764	68111	LEAD	4	321	540	279	442
26765	68111	LEAD	4	445	1002	371	783
26766	68111	LEAD	4	233	286	214	254
26768	68111	LEAD	4	159	235	160	216
26769	68111	LEAD	4	155	210	156	197
26770	68111	LEAD	4	280	531	249	435
26771	68111	LEAD	4	204	361	193	309
26772	68111	LEAD	4	300	391	264	331
26773	68111	LEAD	4	157	249	159	226
26775	68111	LEAD	4	195	278	187	248
26778	68111	LEAD	2	154	178	156	174
26779	68111	LEAD	2	312	512	273	421
26780	68111	LEAD	4	154	215	156	201
26781	68111	LEAD	4	481	762	398	606
26782	68111	LEAD	4	244	317	223	277
26783	68111	LEAD	4	187	305	181	267
26785	68111	LEAD	4	212	255	199	231
26786	68111	LEAD	4	268	411	240	346
26787	68111	LEAD	4	275	524	245	430
26788	68111	LEAD	4	200	510	190	420
26789	68111	LEAD	4	477	688	395	551
26790	68111	LEAD	4	289	469	256	389
26791	68111	LEAD	4	47	52	77	80
26792	68111	LEAD	4	814	1369	645	1055
26795	68111	LEAD	4	135	252	142	228
26796	68111	LEAD	4	395	571	334	464
26797	68111	LEAD	4	246	392	224	332
26799	68111	LEAD	3	183	323	177	281
26800	68111	LEAD	4	209	374	197	319
26802	68111	LEAD	4	311	480	272	397
26803	68111	LEAD	4	89	135	108	142
26804	68111	LEAD	4	630	1471	508	1131
26807	68111	LEAD	4	430	863	360	681
26808	68111	LEAD	4	261	331	235	287
26810	68111	LEAD	4	488	965	403	756
26811	68111	LEAD	4	478	852	396	672
26812	68111	LEAD	4	419	712	352	569
26814	68111	LEAD	4	474	665	393	534
26815	68111	LEAD	4	353	730	303	582
26816	68111	LEAD	4	297	327	262	284

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26817	68111	LEAD	4	250	660	227	530
26818	68111	LEAD	4	178	260	174	235
26819	68111	LEAD	4	136	159	143	160
26820	68111	LEAD	4	160	238	160	218
26826	68111	LEAD	4	478	730	396	583
26827	68111	LEAD	4	262	330	236	286
26828	68111	LEAD	4	218	336	203	290
26829	68111	LEAD	4	114	152	126	154
26830	68111	LEAD	4	206	277	195	247
26833	68111	LEAD	4	234	420	215	353
26834	68111	LEAD	3	401	613	339	495
26836	68111	LEAD	5	188	277	181	247
26840	68111	LEAD	4	201	409	191	345
26842	68111	LEAD	4	300	391	264	332
26844	68111	LEAD	4	301	399	264	337
26845	68111	LEAD	4	376	620	320	501
26847	68111	LEAD	4	129	183	138	177
26848	68111	LEAD	3	134	180	142	175
26849	68111	LEAD	4	78	91	100	109
26850	68111	LEAD	4	202	280	191	249
26853	68111	LEAD	3	314	534	274	437
26854	68111	LEAD	4	505	768	415	611
26855	68111	LEAD	2	216	223	202	207
26856	68111	LEAD	4	295	555	260	453
26857	68111	LEAD	4	762	1043	606	814
26858	68111	LEAD	4	363	562	310	458
26859	68111	LEAD	5	465	561	386	457
26860	68111	LEAD	4	617	857	498	676
26861	68111	LEAD	4	272	515	244	423
26864	68111	LEAD	2	451	633	376	510
26865	68111	LEAD	4	312	425	273	357
26867	68111	LEAD	4	396	556	335	453
26868	68111	LEAD	4	285	509	253	419
26869	68111	LEAD	4	661	866	531	683
26870	68111	LEAD	4	467	572	388	465
26872	68111	LEAD	4	461	692	383	554
26875	68111	LEAD	4	118	209	130	197
26876	68111	LEAD	4	241	363	221	311
26877	68111	LEAD	4	382	509	324	419
26881	68111	LEAD	4	350	477	301	395
26882	68111	LEAD	4	253	369	229	315
26883	68111	LEAD	4	500	685	412	549
26885	68111	LEAD	4	390	492	331	406
26886	68111	LEAD	4	723	1785	577	1363
26889	68111	LEAD	4	761	1978	605	1506

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26891	68111	LEAD	4	268	706	240	565
26892	68111	LEAD	4	94	174	111	171
26893	68111	LEAD	4	55	65	83	90
26894	68111	LEAD	4	77	93	99	111
26896	68111	LEAD	4	262	396	236	335
26897	68111	LEAD	4	54	59	82	86
26898	68111	LEAD	4	756	1143	601	888
26899	68111	LEAD	4	115	167	127	166
26900	68111	LEAD	4	463	565	385	460
26902	68111	LEAD	4	457	570	380	464
26903	68111	LEAD	4	149	280	152	249
26904	68111	LEAD	4	528	712	433	569
26905	68111	LEAD	2	197	261	188	235
26907	68111	LEAD	2	162	217	162	203
26910	68111	LEAD	4	118	249	129	226
26911	68111	LEAD	4	252	312	228	273
26912	68111	LEAD	4	303	557	266	454
26913	68111	LEAD	3	516	708	424	566
26915	68111	LEAD	4	117	165	129	164
26916	68111	LEAD	4	294	448	260	374
26918	68111	LEAD	4	222	340	206	293
26920	68111	LEAD	4	156	308	157	270
26923	68111	LEAD	4	367	576	314	468
26925	68111	LEAD	4	266	452	239	377
26926	68111	LEAD	4	101	175	117	171
26927	68111	LEAD	4	279	434	248	363
26928	68111	LEAD	4	257	385	232	327
26930	68111	LEAD	3	184	193	178	185
26931	68111	LEAD	4	200	299	190	264
26932	68111	LEAD	4	106	253	121	229
26938	68111	LEAD	4	148	223	152	207
26940	68111	LEAD	5	87	135	106	142
26941	68111	LEAD	4	331	460	287	382
26942	68111	LEAD	4	346	679	298	545
26943	68111	LEAD	4	385	458	327	381
26944	68111	LEAD	4	285	422	253	354
26947	68111	LEAD	4	453	613	378	496
26948	68111	LEAD	4	182	225	177	208
26949	68111	LEAD	5	404	569	341	463
26950	68111	LEAD	4	190	248	183	226
26952	68111	LEAD	5	106	264	121	238
26953	68111	LEAD	4	415	532	349	435
26954	68111	LEAD	4	287	671	254	538
26955	68111	LEAD	4	221	301	206	265
26956	68111	LEAD	5	61	116	87	128

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
26957	68111	LEAD	4	219	402	204	339
26959	68111	LEAD	4	157	174	158	171
26960	68111	LEAD	3	138	173	144	170
26961	68111	LEAD	4	211	234	198	215
26963	68111	LEAD	4	115	155	127	157
26964	68111	LEAD	3	151	227	154	210
26965	68111	LEAD	4	168	175	166	171
26966	68111	LEAD	4	235	600	216	486
26967	68111	LEAD	4	314	453	274	377
26968	68111	LEAD	5	92	140	110	146
26970	68111	LEAD	4	351	760	301	605
26971	68111	LEAD	4	75	108	97	122
26972	68111	LEAD	4	47	61	77	87
26973	68111	LEAD	4	214	380	200	323
26976	68111	LEAD	4	405	636	342	513
26977	68111	LEAD	4	188	226	181	210
26978	68111	LEAD	3	252	415	229	349
26980	68111	LEAD	4	534	936	437	735
26981	68111	LEAD	2	163	194	163	186
26982	68111	LEAD	4	217	314	202	274
26983	68111	LEAD	4	109	149	123	152
26985	68111	LEAD	4	62	113	88	126
26987	68111	LEAD	4	152	273	154	244
26988	68111	LEAD	4	73	82	96	103
26991	68111	LEAD	4	95	130	113	138
26992	68111	LEAD	4	144	257	149	233
26993	68111	LEAD	4	1294	1989	999	1514
26994	68111	LEAD	4	397	541	336	443
26996	68111	LEAD	5	503	986	414	771
26997	68111	LEAD	4	456	751	379	598
26999	68111	LEAD	4	457	709	380	567
27000	68111	LEAD	4	263	360	237	309
27001	68111	LEAD	4	160	183	161	178
27002	68111	LEAD	4	450	583	375	473
27003	68111	LEAD	4	265	512	238	421
27004	68111	LEAD	2	281	372	250	317
27005	68111	LEAD	4	206	259	194	233
27009	68111	LEAD	5	250	936	227	735
27011	68111	LEAD	4	289	397	256	336
27012	68111	LEAD	4	87	134	107	141
27013	68111	LEAD	4	406	776	342	616
27015	68111	LEAD	4	326	458	283	381
27017	68111	LEAD	4	183	572	178	465
27018	68111	LEAD	3	933	1404	732	1081
27019	68111	LEAD	4	249	327	226	284

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27020	68111	LEAD	4	70	110	94	124
27022	68111	LEAD	4	115	191	127	183
27024	68111	LEAD	4	151	305	154	268
27025	68111	LEAD	4	70	119	94	130
27026	68111	LEAD	4	111	178	124	174
27028	68111	LEAD	4	114	145	126	150
27029	68111	LEAD	3	50	56	79	84
27031	68111	LEAD	4	59	83	85	103
27032	68111	LEAD	4	560	939	456	737
27033	68111	LEAD	3	59	96	86	113
27037	68111	LEAD	4	116	207	128	195
27038	68111	LEAD	4	362	538	310	440
27040	68111	LEAD	4	167	242	166	221
27043	68111	LEAD	3	707	928	565	729
27046	68111	LEAD	4	313	670	273	538
27048	68111	LEAD	4	95	249	112	226
27050	68111	LEAD	4	171	217	168	202
27052	68111	LEAD	3	63	79	89	100
27054	68111	LEAD	4	51	70	80	94
27058	68111	LEAD	4	560	729	457	581
27060	68111	LEAD	4	187	214	180	200
27062	68111	LEAD	3	155	258	157	233
27066	68111	LEAD	3	86	110	106	123
27068	68111	LEAD	3	86	129	105	137
27070	68111	LEAD	4	420	568	353	462
27071	68111	LEAD	4	238	441	218	368
27072	68111	LEAD	3	77	105	99	120
27073	68111	LEAD	4	443	701	370	561
27074	68111	LEAD	4	93	125	110	135
27075	68111	LEAD	4	200	301	190	265
27077	68111	LEAD	4	298	623	263	503
27079	68111	LEAD	4	99	144	115	148
27080	68111	LEAD	4	193	265	185	238
27082	68111	LEAD	3	544	743	445	592
27087	68111	LEAD	4	246	480	224	397
27090	68111	LEAD	5	237	523	217	429
27091	68111	LEAD	4	421	912	353	717
27092	68111	LEAD	4	223	290	207	256
27094	68111	LEAD	4	181	365	176	312
27095	68111	LEAD	4	356	724	306	578
27096	68111	LEAD	4	655	813	527	643
27099	68111	LEAD	4	151	214	153	200
27101	68111	LEAD	4	129	192	137	184
27103	68111	LEAD	4	115	150	127	153
27107	68111	LEAD	4	78	159	100	159

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27108	68111	LEAD	3	143	243	148	222
27109	68111	LEAD	4	79	122	100	132
27110	68111	LEAD	4	137	181	144	176
27111	68111	LEAD	4	547	691	447	554
27112	68111	LEAD	4	374	767	319	609
27114	68111	LEAD	4	500	959	412	752
27115	68111	LEAD	4	219	502	204	413
27116	68111	LEAD	5	598	1198	485	929
27117	68111	LEAD	4	106	214	120	200
27118	68111	LEAD	2	393	423	333	355
27119	68111	LEAD	3	229	298	212	263
27120	68111	LEAD	4	503	578	414	470
27122	68111	LEAD	4	561	756	457	601
27123	68111	LEAD	4	286	365	254	312
27127	68111	LEAD	4	108	139	122	145
27128	68111	LEAD	4	264	325	238	282
27129	68111	LEAD	4	444	746	370	594
27130	68111	LEAD	4	70	95	93	112
27131	68111	LEAD	4	117	141	129	146
27132	68111	LEAD	4	344	391	297	332
27134	68111	LEAD	4	227	425	210	356
27135	68111	LEAD	4	56	69	84	93
27136	68111	LEAD	4	292	332	258	288
27137	68111	LEAD	4	399	560	337	456
27138	68111	LEAD	5	204	253	193	229
27139	68111	LEAD	4	252	525	228	431
27140	68111	LEAD	4	131	300	139	264
27141	68111	LEAD	4	352	453	303	377
27142	68111	LEAD	4	560	668	456	537
27143	68111	LEAD	4	52	62	80	88
27144	68111	LEAD	4	244	339	223	293
27145	68111	LEAD	4	72	107	95	121
27146	68111	LEAD	4	51	58	80	85
27148	68111	LEAD	4	122	173	132	170
27149	68111	LEAD	4	57	71	84	95
27150	68111	LEAD	4	154	469	156	389
27151	68111	LEAD	4	52	57	80	84
27152	68111	LEAD	4	62	151	88	154
27153	68111	LEAD	5	76	144	98	149
27155	68111	LEAD	4	83	114	103	126
27156	68111	LEAD	4	627	748	506	596
27157	68111	LEAD	4	47	68	77	92
27159	68111	LEAD	4	84	122	104	133
27160	68111	LEAD	4	642	874	517	689
27161	68111	LEAD	4	82	160	102	160

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27162	68111	LEAD	4	74	87	97	107
27163	68111	LEAD	3	445	713	371	570
27164	68111	LEAD	4	650	825	523	652
27166	68111	LEAD	2	241	350	220	301
27167	68111	LEAD	4	63	90	89	108
27168	68111	LEAD	4	61	82	87	102
27169	68111	LEAD	4	74	189	97	182
27170	68111	LEAD	4	53	58	81	85
27171	68111	LEAD	4	350	543	301	444
27172	68111	LEAD	4	97	127	114	136
27173	68111	LEAD	4	55	100	83	116
27174	68111	LEAD	5	53	89	81	108
27177	68111	LEAD	3	314	485	274	401
27178	68111	LEAD	4	45	55	75	83
27179	68111	LEAD	4	422	437	354	365
27180	68111	LEAD	4	455	636	379	512
27182	68111	LEAD	4	1182	3465	917	2606
27184	68111	LEAD	4	65	100	90	116
27185	68111	LEAD	5	224	277	208	247
27186	68111	LEAD	4	208	256	196	232
27188	68111	LEAD	2	54	68	82	92
27189	68111	LEAD	3	292	490	258	404
27190	68111	LEAD	4	282	694	251	555
27191	68111	LEAD	4	275	385	245	327
27193	68111	LEAD	4	124	200	134	190
27195	68111	LEAD	4	118	171	130	169
27197	68111	LEAD	3	482	714	399	570
27198	68111	LEAD	4	306	471	269	391
27199	68111	LEAD	4	53	62	81	88
27202	68111	LEAD	3	42	48	73	78
27204	68111	LEAD	4	72	101	95	117
27205	68111	LEAD	4	246	355	224	305
27206	68111	LEAD	4	316	663	276	533
27207	68111	LEAD	4	108	116	122	128
27209	68111	LEAD	4	156	178	158	174
27210	68111	LEAD	4	149	180	153	175
27211	68111	LEAD	4	90	155	109	157
27212	68111	LEAD	4	366	531	313	435
27213	68111	LEAD	4	172	194	169	186
27215	68111	LEAD	4	204	239	193	219
27217	68111	LEAD	4	91	122	109	132
27218	68111	LEAD	4	121	293	132	259
27219	68111	LEAD	4	55	72	83	95
27221	68111	LEAD	4	151	187	154	180
27222	68111	LEAD	3	59	67	86	91

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27223	68111	LEAD	4	63	84	89	104
27224	68111	LEAD	5	79	116	101	128
27225	68111	LEAD	4	58	70	85	94
27226	68111	LEAD	4	46	58	76	85
27227	68111	LEAD	3	203	238	192	218
27229	68111	LEAD	4	55	68	83	92
27230	68111	LEAD	4	275	505	246	416
27231	68111	LEAD	4	70	94	94	111
27234	68111	LEAD	4	67	95	91	113
27236	68111	LEAD	4	269	300	241	264
27239	68111	LEAD	4	85	131	105	139
27240	68111	LEAD	3	46	56	76	84
27242	68111	LEAD	4	487	573	402	466
27244	68111	LEAD	4	68	78	92	99
27245	68111	LEAD	4	432	808	361	640
27246	68111	LEAD	4	205	265	194	238
27247	68111	LEAD	4	515	715	423	571
27248	68111	LEAD	4	56	70	83	94
27249	68111	LEAD	4	134	241	141	220
27251	68111	LEAD	4	628	1152	507	894
27252	68111	LEAD	3	814	1171	645	909
27254	68111	LEAD	4	740	1136	590	882
27255	68111	LEAD	3	98	152	115	154
27256	68111	LEAD	4	473	774	392	615
27258	68111	LEAD	5	66	85	91	105
27259	68111	LEAD	4	97	204	114	193
27260	68111	LEAD	4	63	95	89	112
27262	68111	LEAD	4	60	105	86	120
27264	68111	LEAD	4	296	730	261	582
27265	68111	LEAD	4	461	638	383	514
27266	68111	LEAD	4	52	67	81	91
27268	68111	LEAD	4	246	297	224	262
27269	68111	LEAD	4	527	784	432	622
27270	68111	LEAD	4	388	510	329	420
27272	68111	LEAD	4	446	466	372	387
27273	68111	LEAD	4	288	396	255	335
27274	68111	LEAD	4	348	555	300	453
27275	68111	LEAD	4	240	314	220	274
27276	68111	LEAD	4	91	175	109	172
27277	68111	LEAD	4	152	222	155	206
27278	68111	LEAD	5	490	1300	404	1004
27280	68111	LEAD	4	63	76	89	98
27281	68111	LEAD	4	320	359	279	307
27283	68111	LEAD	4	38	52	70	81
27286	68111	LEAD	4	50	54	79	82

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27288	68111	LEAD	4	533	913	436	718
27289	68111	LEAD	4	172	199	169	190
27292	68111	LEAD	3	291	357	258	306
27293	68111	LEAD	4	347	417	299	351
27297	68111	LEAD	4	143	188	148	181
27298	68111	LEAD	4	294	425	260	356
27299	68111	LEAD	4	163	264	163	238
27300	68111	LEAD	4	136	177	143	173
27302	68111	LEAD	3	176	226	172	209
27303	68111	LEAD	2	72	75	95	98
27305	68111	LEAD	4	291	445	257	372
27306	68111	LEAD	4	90	99	109	116
27307	68111	LEAD	4	356	367	306	313
27308	68111	LEAD	3	66	77	91	99
27310	68111	LEAD	4	367	540	313	442
27312	68111	LEAD	4	313	448	273	374
27315	68111	LEAD	4	1013	1463	791	1125
27316	68111	LEAD	4	242	394	221	333
27317	68111	LEAD	4	941	1402	738	1079
27318	68111	LEAD	4	587	780	477	619
27322	68111	LEAD	4	43	46	74	76
27323	68111	LEAD	4	128	262	137	236
27324	68111	LEAD	5	689	1187	552	920
27325	68111	LEAD	4	371	423	317	355
27326	68111	LEAD	4	44	53	75	81
27328	68111	LEAD	4	132	193	140	185
27329	68111	LEAD	4	99	122	116	132
27334	68111	LEAD	4	524	678	430	544
27335	68111	LEAD	4	336	487	291	402
27336	68111	LEAD	4	315	478	275	396
27337	68111	LEAD	4	211	293	198	259
27338	68111	LEAD	4	236	262	217	236
27340	68111	LEAD	4	110	284	123	252
27341	68111	LEAD	4	170	205	168	193
27342	68111	LEAD	5	45	59	75	86
27344	68111	LEAD	4	312	376	273	320
27345	68111	LEAD	3	116	133	128	140
27346	68111	LEAD	4	56	71	84	95
27347	68111	LEAD	4	152	176	154	172
27349	68111	LEAD	4	75	129	97	137
27351	68111	LEAD	4	251	352	228	302
27353	68111	LEAD	3	71	88	94	107
27354	68111	LEAD	4	260	300	234	264
27355	68111	LEAD	4	247	659	225	530
27356	68111	LEAD	4	258	422	233	354

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27357	68111	LEAD	4	375	681	319	546
27358	68111	LEAD	4	591	731	479	583
27359	68111	LEAD	3	43	50	74	79
27360	68111	LEAD	4	165	218	164	204
27362	68111	LEAD	5	55	82	83	103
27363	68111	LEAD	4	50	67	79	92
27364	68111	LEAD	4	261	625	235	504
27366	68111	LEAD	4	129	162	137	162
27368	68111	LEAD	4	77	127	99	136
27369	68111	LEAD	4	267	462	239	384
27371	68111	LEAD	4	116	141	128	146
27373	68111	LEAD	4	83	85	103	105
27375	68111	LEAD	4	540	938	441	736
27376	68111	LEAD	4	287	468	254	388
27377	68111	LEAD	3	75	93	98	111
27379	68111	LEAD	4	41	49	72	78
27380	68111	LEAD	4	96	111	113	124
27383	68111	LEAD	4	51	69	79	93
27384	68111	LEAD	5	39	46	71	76
27385	68111	LEAD	4	211	294	198	259
27387	68111	LEAD	4	93	123	111	133
27388	68111	LEAD	4	117	191	129	183
27390	68111	LEAD	4	427	593	358	481
27394	68111	LEAD	4	57	99	84	115
27396	68111	LEAD	4	242	320	221	279
27397	68111	LEAD	4	374	453	319	377
27398	68111	LEAD	4	435	567	364	462
27399	68111	LEAD	4	112	144	125	148
27402	68111	LEAD	4	86	131	105	139
27403	68111	LEAD	4	108	178	122	174
27408	68111	LEAD	4	53	61	81	87
27409	68111	LEAD	5	68	108	92	122
27410	68111	LEAD	4	401	461	338	383
27411	68111	LEAD	3	68	88	92	107
27412	68111	LEAD	4	205	263	194	237
27413	68111	LEAD	4	593	805	481	638
27414	68111	LEAD	4	65	83	90	104
27415	68111	LEAD	4	363	561	310	457
27416	68111	LEAD	4	420	627	353	506
27418	68111	LEAD	4	368	491	314	405
27419	68111	LEAD	4	365	507	312	417
27422	68111	LEAD	4	328	878	285	692
27423	68111	LEAD	4	338	451	292	375
27424	68111	LEAD	4	152	247	154	225
27425	68111	LEAD	4	93	103	111	118

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27426	68111	LEAD	4	62	69	88	93
27428	68111	LEAD	4	70	91	94	110
27429	68111	LEAD	3	73	88	96	107
27432	68111	LEAD	4	390	554	331	452
27433	68111	LEAD	4	467	654	387	526
27434	68111	LEAD	4	472	661	392	531
27440	68111	LEAD	4	77	130	99	138
27441	68111	LEAD	4	721	925	575	727
27442	68111	LEAD	4	425	562	356	458
27443	68111	LEAD	3	83	118	104	129
27444	68111	LEAD	4	227	371	210	317
27445	68111	LEAD	4	247	320	225	279
27446	68111	LEAD	4	459	653	381	525
27447	68111	LEAD	4	174	218	171	203
27448	68111	LEAD	4	86	119	106	130
27449	68111	LEAD	3	536	926	439	727
27450	68111	LEAD	4	61	73	87	96
27451	68111	LEAD	4	93	125	111	134
27452	68111	LEAD	5	375	609	320	492
27453	68111	LEAD	4	68	89	93	108
27454	68111	LEAD	4	80	106	101	121
27456	68111	LEAD	4	102	115	117	127
27457	68111	LEAD	4	929	2360	729	1789
27458	68111	LEAD	4	136	233	142	214
27459	68111	LEAD	4	524	849	430	670
27460	68111	LEAD	4	571	785	465	623
27461	68111	LEAD	5	136	170	143	168
27462	68111	LEAD	4	116	154	128	156
27463	68111	LEAD	4	76	103	98	118
27465	68111	LEAD	4	365	548	312	448
27466	68111	LEAD	4	64	79	89	100
27467	68111	LEAD	4	64	116	89	128
27470	68111	LEAD	4	54	79	82	100
27472	68111	LEAD	2	149	196	152	187
27474	68111	LEAD	4	73	120	96	131
27475	68111	LEAD	4	132	184	140	178
27478	68111	LEAD	4	93	156	111	157
27479	68111	LEAD	4	224	399	208	337
27480	68111	LEAD	4	266	367	239	313
27481	68111	LEAD	4	208	371	196	316
27485	68111	LEAD	4	128	294	137	259
27488	68111	LEAD	4	127	167	136	166
27489	68111	LEAD	4	462	540	384	442
27490	68111	LEAD	4	243	362	222	310
27492	68111	LEAD	4	120	156	131	157

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27495	68111	LEAD	4	61	70	87	94
27496	68111	LEAD	4	79	170	101	168
27497	68111	LEAD	4	43	55	74	83
27499	68111	LEAD	4	54	67	82	92
27500	68111	LEAD	4	80	123	101	133
27502	68111	LEAD	4	60	66	87	91
27503	68111	LEAD	4	81	101	102	117
27505	68111	LEAD	4	65	80	90	101
27508	68111	LEAD	4	258	484	233	400
27509	68111	LEAD	3	46	64	76	89
27510	68111	LEAD	4	72	101	95	117
27511	68111	LEAD	4	101	236	117	217
27512	68111	LEAD	4	411	612	346	495
27513	68111	LEAD	4	51	82	80	103
27514	68111	LEAD	4	47	54	77	82
27515	68111	LEAD	4	63	91	89	109
27516	68111	LEAD	4	61	86	87	106
27517	68111	LEAD	4	124	255	134	230
27519	68111	LEAD	4	284	445	252	371
27520	68111	LEAD	4	43	54	74	82
27523	68111	LEAD	4	329	496	285	409
27524	68111	LEAD	4	58	86	85	106
27525	68111	LEAD	4	313	545	274	445
27528	68111	LEAD	4	523	928	429	729
27529	68111	LEAD	4	94	110	112	123
27531	68111	LEAD	4	340	663	294	533
27533	68111	LEAD	4	307	796	269	631
27534	68111	LEAD	4	275	352	246	303
27535	68111	LEAD	4	51	65	80	90
27538	68111	LEAD	4	71	92	94	110
27540	68111	LEAD	3	282	523	250	429
27542	68111	LEAD	4	125	132	135	140
27543	68111	LEAD	4	187	307	180	269
27544	68111	LEAD	4	258	341	233	294
27545	68111	LEAD	4	285	333	253	288
27546	68111	LEAD	4	70	75	93	97
27548	68111	LEAD	4	50	64	79	89
27549	68111	LEAD	4	483	704	399	563
27551	68111	LEAD	4	79	100	100	116
27553	68111	LEAD	4	432	846	362	668
27556	68111	LEAD	4	193	263	185	237
27558	68111	LEAD	4	268	337	240	291
27561	68111	LEAD	4	73	118	96	129
27562	68111	LEAD	4	387	569	328	463
27564	68111	LEAD	3	493	613	407	496

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27565	68111	LEAD	4	357	732	306	584
27566	68111	LEAD	4	328	516	285	424
27567	68111	LEAD	4	52	93	81	111
27568	68111	LEAD	5	427	556	358	454
27569	68111	LEAD	4	358	477	307	395
27574	68111	LEAD	4	461	548	383	448
27576	68111	LEAD	4	289	387	256	329
27578	68111	LEAD	5	459	927	382	728
27579	68111	LEAD	4	247	315	225	275
27580	68111	LEAD	4	320	448	279	373
27581	68111	LEAD	5	53	80	81	101
27582	68111	LEAD	3	341	358	295	307
27584	68111	LEAD	3	90	128	109	137
27585	68111	LEAD	4	270	444	242	371
27587	68111	LEAD	4	221	255	206	231
27590	68111	LEAD	4	208	368	196	315
27591	68111	LEAD	3	240	328	220	285
27593	68111	LEAD	4	105	236	120	217
27594	68111	LEAD	4	288	338	255	292
27596	68111	LEAD	4	120	143	130	148
27597	68111	LEAD	4	273	334	244	289
27598	68111	LEAD	4	148	170	151	167
27599	68111	LEAD	4	294	530	259	434
27600	68111	LEAD	4	228	279	210	248
27601	68111	LEAD	4	192	314	184	274
27604	68111	LEAD	3	118	226	129	209
27606	68111	LEAD	4	136	231	142	213
27607	68111	LEAD	4	192	347	184	299
27608	68111	LEAD	4	343	478	296	396
27609	68111	LEAD	4	69	104	93	119
27611	68111	LEAD	4	197	270	188	242
27612	68111	LEAD	4	82	162	103	162
27614	68111	LEAD	4	101	128	116	136
27617	68111	LEAD	4	51	62	79	88
27618	68111	LEAD	4	178	249	174	226
27619	68111	LEAD	4	332	806	288	638
27620	68111	LEAD	4	145	203	150	192
27622	68111	LEAD	4	456	844	379	667
27625	68111	LEAD	4	210	286	197	253
27626	68111	LEAD	5	418	535	352	438
27629	68111	LEAD	4	118	198	129	188
27630	68111	LEAD	4	364	558	311	455
27631	68111	LEAD	4	131	177	139	173
27632	68111	LEAD	4	226	327	209	284
27633	68111	LEAD	4	85	121	105	131

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27636	68111	LEAD	4	108	165	122	164
27638	68111	LEAD	4	66	84	91	104
27641	68111	LEAD	4	153	230	156	212
27642	68111	LEAD	4	254	337	230	291
27645	68111	LEAD	4	191	317	183	277
27647	68111	LEAD	4	69	82	93	103
27650	68111	LEAD	3	849	1231	671	953
27657	68111	LEAD	4	57	73	84	96
27658	68111	LEAD	4	92	121	110	132
27659	68111	LEAD	4	163	294	163	260
27662	68111	LEAD	4	246	332	224	288
27663	68111	LEAD	4	116	141	128	147
27665	68111	LEAD	4	67	141	91	146
27668	68111	LEAD	4	148	314	152	275
27669	68111	LEAD	4	324	629	282	508
27670	68111	LEAD	4	74	103	97	118
27671	68111	LEAD	4	1443	4357	1110	3266
27672	68111	LEAD	4	46	57	76	84
27673	68111	LEAD	4	70	105	94	119
27674	68111	LEAD	4	173	205	170	194
27675	68111	LEAD	4	73	77	96	99
27676	68111	LEAD	4	193	286	185	254
27677	68111	LEAD	4	150	183	153	178
27678	68111	LEAD	4	40	44	72	75
27679	68111	LEAD	4	56	71	83	95
27681	68111	LEAD	4	300	446	264	372
27682	68111	LEAD	4	175	284	171	252
27684	68111	LEAD	4	60	79	86	100
27685	68111	LEAD	4	125	144	135	148
27686	68111	LEAD	4	72	87	96	106
27687	68111	LEAD	4	270	938	242	736
27688	68111	LEAD	4	1075	1701	837	1301
27689	68111	LEAD	4	41	48	72	77
27694	68111	LEAD	4	262	384	236	326
27698	68111	LEAD	4	534	944	437	740
27699	68111	LEAD	4	506	809	416	641
27700	68111	LEAD	4	56	93	83	111
27701	68111	LEAD	4	416	836	350	661
27702	68111	LEAD	4	144	197	149	188
27705	68111	LEAD	4	336	651	290	524
27706	68111	LEAD	4	226	372	209	318
27707	68111	LEAD	4	341	528	294	433
27708	68111	LEAD	4	333	394	289	333
27710	68111	LEAD	4	549	836	448	660
27711	68111	LEAD	3	339	419	293	352

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27712	68111	LEAD	4	95	164	112	164
27713	68111	LEAD	4	513	689	421	552
27716	68111	LEAD	4	521	666	427	535
27718	68111	LEAD	4	126	166	135	165
27719	68111	LEAD	4	536	912	439	717
27721	68111	LEAD	4	92	146	110	150
27723	68111	LEAD	5	78	177	100	173
27724	68111	LEAD	2	646	679	520	545
27725	68111	LEAD	4	510	1060	419	827
27726	68111	LEAD	2	387	447	328	372
27728	68111	LEAD	4	294	325	260	283
27729	68111	LEAD	4	215	418	201	351
27731	68111	LEAD	4	63	105	89	120
27732	68111	LEAD	4	46	71	76	94
27733	68111	LEAD	4	412	628	347	507
27734	68111	LEAD	4	47	53	77	81
27736	68111	LEAD	4	353	519	303	426
27738	68111	LEAD	4	197	279	188	248
27739	68111	LEAD	4	130	206	138	194
27740	68111	LEAD	4	232	277	214	247
27741	68111	LEAD	4	633	857	511	676
27742	68111	LEAD	4	323	512	281	421
27744	68111	LEAD	4	878	1212	691	939
27745	68111	LEAD	4	223	281	207	250
27746	68111	LEAD	3	451	631	376	509
27748	68111	LEAD	3	481	667	398	536
27750	68111	LEAD	4	74	86	97	106
27751	68111	LEAD	4	448	621	373	502
27754	68111	LEAD	4	60	93	87	111
27755	68111	LEAD	3	354	459	304	382
27758	68111	LEAD	4	356	572	305	465
27759	68111	LEAD	4	215	322	201	280
27762	68111	LEAD	4	172	205	169	194
27763	68111	LEAD	4	211	430	198	360
27764	68111	LEAD	4	53	73	81	96
27767	68111	LEAD	4	323	818	281	647
27768	68111	LEAD	4	40	46	72	76
27769	68111	LEAD	4	191	271	183	243
27770	68111	LEAD	4	111	176	124	172
27772	68111	LEAD	2	577	767	469	610
27773	68111	LEAD	4	210	366	198	313
27774	68111	LEAD	4	250	507	227	417
27775	68111	LEAD	3	477	591	395	479
27776	68111	LEAD	4	130	166	138	165
27777	68111	LEAD	4	131	322	139	280

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27778	68111	LEAD	4	230	360	212	309
27779	68111	LEAD	4	175	477	171	395
27780	68111	LEAD	4	628	1277	507	987
27782	68111	LEAD	4	327	363	284	310
27786	68111	LEAD	4	68	95	93	112
27789	68111	LEAD	4	50	69	79	93
27792	68111	LEAD	4	297	428	262	359
27793	68111	LEAD	4	118	305	129	268
27794	68111	LEAD	4	69	97	93	113
27795	68111	LEAD	3	135	201	142	191
27798	68111	LEAD	4	62	103	88	118
27803	68111	LEAD	4	96	154	113	156
27805	68111	LEAD	4	537	943	439	740
27806	68111	LEAD	4	154	229	156	211
27807	68111	LEAD	4	256	327	231	284
27809	68111	LEAD	4	248	257	225	232
27810	68111	LEAD	3	87	142	107	147
27812	68111	LEAD	5	255	433	231	362
27813	68111	LEAD	3	69	84	93	104
27817	68111	LEAD	4	263	434	237	363
27824	68111	LEAD	4	47	70	77	94
27827	68111	LEAD	4	48	53	77	81
27830	68111	LEAD	4	200	315	190	275
27831	68111	LEAD	4	64	83	89	103
27834	68111	LEAD	4	39	47	71	77
27845	68111	LEAD	4	177	283	173	251
27846	68111	LEAD	4	501	745	413	593
27848	68111	LEAD	5	423	599	355	486
27850	68111	LEAD	4	443	491	370	405
27853	68111	LEAD	4	75	86	98	106
27854	68111	LEAD	4	229	292	212	258
27856	68111	LEAD	4	75	95	98	113
27857	68111	LEAD	5	295	384	260	326
27859	68111	LEAD	4	329	510	285	419
27861	68111	LEAD	4	419	655	352	526
27862	68111	LEAD	5	588	877	477	691
27863	68111	LEAD	4	483	569	400	463
27865	68111	LEAD	5	97	152	114	155
27866	68111	LEAD	4	83	101	104	116
27867	68111	LEAD	4	359	492	308	406
27869	68111	LEAD	4	51	63	80	88
27871	68111	LEAD	4	358	544	307	445
27872	68111	LEAD	4	185	248	179	226
27874	68111	LEAD	4	395	576	334	468
27875	68111	LEAD	4	212	313	199	274

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27876	68111	LEAD	4	50	64	79	89
27878	68111	LEAD	4	44	54	75	82
27879	68111	LEAD	4	116	163	128	163
27882	68111	LEAD	4	351	523	301	429
27883	68111	LEAD	4	105	171	120	168
27885	68111	LEAD	4	392	596	332	483
27886	68111	LEAD	4	103	121	118	131
27887	68111	LEAD	4	220	318	205	277
27888	68111	LEAD	4	46	55	76	83
27890	68111	LEAD	4	204	588	193	477
27891	68111	LEAD	3	486	553	402	451
27892	68111	LEAD	5	255	425	230	357
27893	68111	LEAD	2	59	61	86	87
27895	68111	LEAD	4	580	862	471	680
27896	68111	LEAD	4	238	310	218	271
27897	68111	LEAD	4	53	76	81	98
27898	68111	LEAD	4	506	647	416	521
27899	68111	LEAD	4	291	477	257	395
27901	68111	LEAD	4	285	368	253	314
27902	68111	LEAD	4	45	56	76	84
27903	68111	LEAD	4	265	324	238	282
27904	68111	LEAD	4	26	36	61	69
27906	68111	LEAD	4	49	53	78	81
27908	68111	LEAD	4	44	65	75	90
27909	68111	LEAD	4	412	700	347	560
27910	68111	LEAD	4	123	315	133	275
27911	68111	LEAD	4	24	34	60	67
27912	68111	LEAD	4	642	1150	517	893
27913	68111	LEAD	4	210	324	198	282
27914	68111	LEAD	4	184	268	178	240
27915	68111	LEAD	4	31	41	65	72
27916	68111	LEAD	4	486	586	402	476
27918	68111	LEAD	4	493	730	407	582
27919	68111	LEAD	4	468	551	389	449
27920	68111	LEAD	4	30	35	64	68
27921	68111	LEAD	4	334	478	289	396
27922	68111	LEAD	4	119	148	130	151
27923	68111	LEAD	2	113	113	125	126
27924	68111	LEAD	4	41	54	72	82
27926	68111	LEAD	4	303	315	266	275
27929	68111	LEAD	4	430	523	360	429
27930	68111	LEAD	4	439	544	367	444
27931	68111	LEAD	4	114	130	126	138
27932	68111	LEAD	5	40	44	72	75
27938	68111	LEAD	2	310	459	271	382

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
27939	68111	LEAD	3	217	238	203	218
27940	68111	LEAD	3	576	1174	469	910
27941	68111	LEAD	4	309	405	271	342
27942	68111	LEAD	4	57	75	84	97
27945	68111	LEAD	4	55	62	82	88
27946	68111	LEAD	4	199	316	189	276
27947	68111	LEAD	5	56	85	83	105
27948	68111	LEAD	4	75	84	98	104
27949	68111	LEAD	3	300	451	264	376
27950	68111	LEAD	4	226	278	209	248
27953	68111	LEAD	3	47	54	77	82
27954	68111	LEAD	4	210	249	197	226
27960	68111	LEAD	4	40	60	72	87
27962	68111	LEAD	4	383	605	325	490
27969	68111	LEAD	4	306	407	268	343
27982	68111	LEAD	4	215	310	201	272
27985	68111	LEAD	5	407	879	343	693
27987	68111	LEAD	4	306	738	269	588
27988	68111	LEAD	5	179	365	174	312
27991	68111	LEAD	4	31	43	65	74
27994	68111	LEAD	4	180	251	176	228
27996	68111	LEAD	4	384	461	326	383
27997	68111	LEAD	4	240	672	220	539
27998	68111	LEAD	4	310	499	271	411
28000	68111	LEAD	4	373	710	318	567
28002	68111	LEAD	5	424	749	355	596
28003	68111	LEAD	4	157	210	159	197
28004	68111	LEAD	4	265	319	238	278
28005	68111	LEAD	4	82	106	103	120
28006	68111	LEAD	5	338	506	292	416
28007	68111	LEAD	4	111	180	124	175
28009	68111	LEAD	4	597	857	484	676
28010	68111	LEAD	4	600	1312	486	1013
28011	68111	LEAD	4	573	674	466	540
28014	68111	LEAD	4	77	97	99	114
28015	68111	LEAD	4	319	465	278	386
28016	68111	LEAD	4	282	418	251	351
28018	68111	LEAD	4	450	653	375	525
28019	68111	LEAD	4	160	232	160	214
28020	68111	LEAD	4	318	632	277	510
28022	68111	LEAD	4	42	47	73	77
28023	68111	LEAD	4	662	1298	532	1003
28024	68111	LEAD	4	324	523	282	429
28025	68111	LEAD	3	462	721	384	576
28026	68111	LEAD	5	248	306	225	269

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28027	68111	LEAD	4	475	495	393	408
28028	68111	LEAD	4	341	760	295	604
28029	68111	LEAD	4	712	885	569	697
28032	68111	LEAD	4	81	112	102	125
28033	68111	LEAD	4	560	785	456	623
28034	68111	LEAD	3	115	149	127	153
28035	68111	LEAD	4	312	391	273	331
28036	68111	LEAD	4	177	220	173	205
28037	68111	LEAD	4	305	503	268	414
28038	68111	LEAD	4	34	51	67	80
28041	68111	LEAD	5	346	519	298	426
28042	68111	LEAD	3	84	137	104	144
28043	68111	LEAD	4	42	53	73	81
28044	68111	LEAD	4	334	440	289	368
28045	68111	LEAD	4	142	261	147	235
28046	68111	LEAD	4	205	349	194	300
28047	68111	LEAD	4	55	65	83	90
28048	68111	LEAD	4	312	328	273	285
28049	68111	LEAD	4	221	324	206	282
28050	68111	LEAD	4	476	561	394	457
28051	68111	LEAD	4	69	96	93	113
28054	68111	LEAD	4	313	643	274	518
28055	68111	LEAD	4	33	45	66	75
28056	68111	LEAD	4	383	516	326	424
28057	68111	LEAD	4	270	433	242	362
28058	68111	LEAD	4	96	128	113	137
28059	68111	LEAD	4	213	351	200	301
28062	68111	LEAD	4	178	238	174	218
28063	68111	LEAD	4	335	717	290	573
28064	68111	LEAD	4	149	191	152	183
28065	68111	LEAD	5	679	877	544	691
28066	68111	LEAD	4	239	255	219	231
28069	68111	LEAD	4	74	88	97	107
28072	68111	LEAD	4	132	241	140	221
28076	68111	LEAD	4	480	772	397	613
28078	68111	LEAD	4	103	160	118	161
28079	68111	LEAD	4	38	43	70	74
28082	68111	LEAD	4	134	165	141	164
28083	68111	LEAD	4	442	910	369	716
28084	68111	LEAD	4	522	788	428	625
28094	68111	LEAD	4	273	323	244	281
28096	68111	LEAD	4	377	621	321	501
28097	68111	LEAD	4	319	506	278	417
28099	68111	LEAD	4	165	245	164	224
28100	68111	LEAD	4	199	341	190	295

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28102	68111	LEAD	4	39	53	71	81
28103	68111	LEAD	4	250	336	227	291
28104	68111	LEAD	4	312	525	273	430
28105	68111	LEAD	4	293	566	259	461
28107	68111	LEAD	4	154	333	156	288
28108	68111	LEAD	4	165	261	164	235
28109	68111	LEAD	4	642	848	517	670
28110	68111	LEAD	5	420	858	353	677
28111	68111	LEAD	4	521	952	427	746
28112	68111	LEAD	4	28	48	62	78
28114	68111	LEAD	2	219	237	204	218
28119	68111	LEAD	4	98	129	114	137
28121	68111	LEAD	4	49	59	78	86
28122	68111	LEAD	4	268	429	241	360
28125	68111	LEAD	4	43	53	74	81
28126	68111	LEAD	4	152	251	154	228
28128	68111	LEAD	4	129	152	137	154
28129	68111	LEAD	4	40	52	71	80
28131	68111	LEAD	4	372	597	317	484
28133	68111	LEAD	4	135	227	142	210
28135	68111	LEAD	4	326	512	283	421
28138	68111	LEAD	5	371	727	317	580
28139	68111	LEAD	4	43	49	74	79
28140	68111	LEAD	4	50	57	79	84
28141	68111	LEAD	4	252	604	229	489
28142	68111	LEAD	4	93	174	111	171
28143	68111	LEAD	4	789	1185	626	919
28144	68111	LEAD	4	798	1215	633	941
28146	68111	LEAD	4	134	176	141	172
28147	68111	LEAD	4	204	327	193	284
28148	68111	LEAD	3	89	129	108	137
28149	68111	LEAD	2	142	165	147	164
28153	68111	LEAD	4	103	186	118	180
28154	68111	LEAD	4	72	97	95	114
28156	68111	LEAD	3	172	237	169	217
28157	68111	LEAD	2	69	95	93	113
28159	68111	LEAD	4	72	90	96	109
28160	68111	LEAD	2	277	292	247	258
28162	68111	LEAD	2	208	228	196	211
28169	68111	LEAD	4	212	281	199	250
28170	68111	LEAD	4	328	451	285	376
28172	68111	LEAD	4	198	300	189	264
28174	68111	LEAD	4	232	384	214	326
28176	68111	LEAD	4	384	771	326	613
28177	68111	LEAD	4	419	814	352	644

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28179	68111	LEAD	4	49	58	78	85
28181	68111	LEAD	4	157	249	159	226
28182	68111	LEAD	4	250	293	227	259
28185	68111	LEAD	4	82	103	103	118
28186	68111	LEAD	3	54	79	82	101
28187	68111	LEAD	4	150	289	153	256
28188	68111	LEAD	4	283	760	251	605
28190	68111	LEAD	3	735	1495	586	1148
28191	68111	LEAD	4	539	669	441	537
28193	68111	LEAD	4	361	607	309	491
28196	68111	LEAD	4	269	349	241	300
28197	68111	LEAD	3	290	378	256	322
28202	68111	LEAD	4	747	942	594	739
28204	68111	LEAD	4	100	130	116	138
28206	68111	LEAD	4	249	318	226	277
28212	68111	LEAD	4	284	463	252	384
28214	68111	LEAD	5	276	339	246	293
28216	68111	LEAD	4	232	448	214	374
28217	68111	LEAD	4	85	111	105	124
28218	68111	LEAD	4	313	793	273	629
28219	68111	LEAD	4	211	395	198	334
28220	68111	LEAD	4	431	602	361	487
28222	68111	LEAD	4	215	295	201	261
28223	68111	LEAD	4	344	530	297	434
28227	68111	LEAD	3	219	312	204	273
28228	68111	LEAD	4	290	596	256	483
28236	68111	LEAD	4	508	865	418	682
28237	68111	LEAD	5	221	306	205	268
28241	68111	LEAD	4	225	346	209	298
28247	68111	LEAD	2	264	272	238	244
28254	68111	LEAD	4	418	747	352	594
28269	68111	LEAD	4	395	587	334	476
28270	68111	LEAD	4	393	627	333	506
28272	68111	LEAD	4	416	663	350	533
28273	68111	LEAD	5	340	817	293	647
28277	68111	LEAD	4	271	321	242	279
28280	68111	LEAD	4	708	1127	566	876
28281	68111	LEAD	4	404	651	341	524
28283	68111	LEAD	4	111	192	124	184
28284	68111	LEAD	4	82	96	103	113
28285	68111	LEAD	3	355	498	305	411
28286	68111	LEAD	4	210	244	197	222
28287	68111	LEAD	4	281	479	250	396
28288	68111	LEAD	4	97	122	114	132
28289	68111	LEAD	4	173	249	170	226

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28291	68111	LEAD	4	278	379	248	323
28294	68111	LEAD	4	128	157	137	158
28295	68111	LEAD	4	516	1144	424	889
28296	68111	LEAD	4	251	357	228	306
28297	68111	LEAD	4	166	230	165	212
28299	68111	LEAD	4	201	334	191	289
28300	68111	LEAD	4	275	608	246	492
28301	68111	LEAD	3	295	298	260	263
28302	68111	LEAD	2	78	82	100	103
28303	68111	LEAD	4	296	350	261	301
28305	68111	LEAD	2	107	112	121	125
28307	68111	LEAD	3	627	794	506	629
28308	68111	LEAD	4	404	573	341	466
28310	68111	LEAD	2	124	138	134	144
28311	68111	LEAD	2	192	207	184	195
28312	68111	LEAD	4	398	938	337	736
28313	68111	LEAD	4	273	388	244	329
28314	68111	LEAD	4	198	367	188	313
28315	68111	LEAD	2	139	206	145	194
28316	68111	LEAD	4	188	328	181	285
28317	68111	LEAD	4	63	94	89	112
28318	68111	LEAD	4	763	1659	607	1270
28319	68111	LEAD	4	142	174	147	171
28320	68111	LEAD	4	73	98	96	115
28321	68111	LEAD	4	112	191	125	183
28322	68111	LEAD	3	97	125	114	134
28324	68111	LEAD	4	157	236	158	217
28327	68111	LEAD	4	201	269	191	241
28329	68111	LEAD	5	362	533	310	437
28330	68111	LEAD	3	160	170	160	168
28331	68111	LEAD	3	461	597	383	484
28333	68111	LEAD	4	181	226	176	209
28338	68111	LEAD	4	224	258	208	233
28344	68111	LEAD	4	151	227	154	210
28346	68111	LEAD	3	629	785	508	623
28348	68111	LEAD	4	479	655	396	527
28353	68111	LEAD	5	278	365	247	312
28356	68111	LEAD	4	185	280	179	249
28359	68111	LEAD	5	210	337	197	291
28361	68111	LEAD	4	156	191	158	183
28364	68111	LEAD	4	299	377	263	321
28366	68111	LEAD	2	140	184	145	178
28367	68111	LEAD	4	197	227	188	210
28368	68111	LEAD	4	167	241	166	220
28371	68111	LEAD	4	201	281	191	250

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28372	68111	LEAD	4	164	259	163	233
28373	68111	LEAD	3	425	906	356	712
28375	68111	LEAD	5	349	686	300	550
28377	68111	LEAD	4	438	600	366	486
28379	68111	LEAD	4	387	493	329	407
28382	68111	LEAD	4	421	650	354	523
28383	68111	LEAD	4	202	266	191	239
28384	68111	LEAD	4	201	307	191	269
28385	68111	LEAD	4	230	331	213	287
28386	68111	LEAD	4	208	343	196	296
28389	68111	LEAD	4	422	781	354	620
28390	68111	LEAD	4	329	443	286	370
28395	68111	LEAD	4	44	73	74	96
28397	68111	LEAD	4	369	610	315	494
28398	68111	LEAD	4	374	540	319	442
28402	68111	LEAD	4	95	99	112	116
28406	68111	LEAD	4	37	52	69	80
28407	68111	LEAD	4	47	75	77	97
28408	68111	LEAD	4	272	402	244	339
28411	68111	LEAD	4	97	140	114	146
28412	68111	LEAD	4	58	81	85	102
28413	68111	LEAD	4	183	282	178	251
28416	68111	LEAD	5	344	513	297	422
28417	68111	LEAD	4	307	357	269	306
28419	68111	LEAD	4	147	212	151	199
28420	68111	LEAD	4	198	292	188	258
28422	68111	LEAD	2	117	160	128	161
28423	68111	LEAD	4	146	370	150	316
28424	68111	LEAD	4	492	949	406	744
28426	68111	LEAD	4	89	127	108	136
28427	68111	LEAD	4	64	76	89	98
28429	68111	LEAD	4	144	186	148	180
28430	68111	LEAD	3	95	122	112	132
28432	68111	LEAD	4	125	165	135	164
28434	68111	LEAD	4	85	101	105	117
28435	68111	LEAD	4	204	334	193	289
28436	68111	LEAD	4	74	90	97	109
28437	68111	LEAD	4	218	326	203	283
28448	68111	LEAD	4	529	849	433	670
28457	68111	LEAD	3	226	288	210	255
28462	68111	LEAD	4	251	724	228	578
28466	68111	LEAD	4	479	1201	396	931
28467	68111	LEAD	4	216	376	201	320
28468	68111	LEAD	4	238	332	218	288
28469	68111	LEAD	4	325	380	283	323

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28470	68111	LEAD	4	226	285	209	253
28471	68111	LEAD	4	241	266	220	239
28473	68111	LEAD	4	187	252	180	229
28475	68111	LEAD	3	186	234	179	215
28477	68111	LEAD	4	186	294	180	259
28479	68111	LEAD	4	114	128	127	137
28495	68111	LEAD	4	157	251	158	228
28497	68111	LEAD	4	240	304	220	267
28499	68111	LEAD	4	175	338	171	292
28500	68111	LEAD	4	117	147	129	151
28503	68111	LEAD	4	520	892	427	702
28504	68111	LEAD	2	142	180	147	176
28505	68111	LEAD	4	320	403	279	340
28506	68111	LEAD	4	108	159	122	160
28507	68111	LEAD	4	182	566	177	461
28508	68111	LEAD	4	329	577	285	469
28510	68111	LEAD	4	244	519	222	426
28512	68111	LEAD	4	424	564	355	459
28513	68111	LEAD	5	132	287	139	254
28515	68111	LEAD	4	234	343	215	296
28517	68111	LEAD	4	168	214	166	201
28518	68111	LEAD	4	94	102	112	118
28519	68111	LEAD	4	106	127	120	136
28521	68111	LEAD	4	558	777	455	617
28528	68111	LEAD	4	274	401	245	338
28529	68111	LEAD	4	251	480	228	397
28531	68111	LEAD	4	290	423	257	355
28533	68111	LEAD	5	173	275	170	245
28534	68111	LEAD	2	273	311	244	272
28535	68111	LEAD	4	130	298	138	262
28536	68111	LEAD	4	67	140	91	146
28537	68111	LEAD	4	311	411	272	346
28538	68111	LEAD	4	61	75	87	97
28539	68111	LEAD	4	173	271	170	243
28540	68111	LEAD	2	141	168	146	166
28541	68111	LEAD	2	223	359	207	308
28542	68111	LEAD	4	174	357	171	306
28543	68111	LEAD	4	109	165	123	164
28544	68111	LEAD	4	198	278	189	248
28547	68111	LEAD	4	150	286	153	254
28549	68111	LEAD	4	234	288	215	255
28551	68111	LEAD	4	30	35	65	68
28552	68111	LEAD	4	123	147	133	151
28553	68111	LEAD	4	991	3553	775	2671
28554	68111	LEAD	4	198	329	189	285

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28555	68111	LEAD	4	95	145	112	149
28556	68111	LEAD	4	44	66	74	91
28557	68111	LEAD	4	89	216	108	202
28558	68111	LEAD	4	83	115	104	127
28559	68111	LEAD	3	77	92	99	110
28560	68111	LEAD	4	61	109	87	122
28561	68111	LEAD	4	52	81	80	102
28563	68111	LEAD	5	241	371	220	317
28565	68111	LEAD	4	116	154	128	156
28568	68111	LEAD	4	111	184	124	178
28569	68111	LEAD	4	252	303	229	266
28570	68111	LEAD	2	22	25	58	61
28571	68111	LEAD	4	129	168	138	167
28573	68111	LEAD	4	125	158	135	159
28575	68111	LEAD	4	97	162	114	162
28581	68111	LEAD	4	55	119	83	130
28583	68111	LEAD	4	195	276	186	246
28586	68111	LEAD	4	141	183	146	178
28587	68111	LEAD	4	370	511	316	420
28589	68111	LEAD	4	110	188	123	181
28594	68111	LEAD	4	273	483	244	399
28597	68111	LEAD	4	249	434	226	363
28598	68111	LEAD	4	115	143	127	148
28599	68111	LEAD	3	263	502	236	414
28601	68111	LEAD	4	224	404	208	341
28602	68111	LEAD	4	92	109	110	123
28604	68111	LEAD	5	95	131	113	139
28605	68111	LEAD	4	153	249	155	226
28606	68111	LEAD	4	183	274	177	245
28607	68111	LEAD	4	319	697	278	558
28608	68111	LEAD	4	299	455	264	379
28609	68111	LEAD	4	362	649	310	522
28610	68111	LEAD	4	170	197	168	188
28611	68111	LEAD	4	387	442	328	369
28612	68111	LEAD	4	214	339	200	293
28613	68111	LEAD	4	138	155	144	156
28614	68111	LEAD	4	201	229	191	211
28615	68111	LEAD	4	172	284	169	253
28616	68111	LEAD	3	137	182	143	177
28618	68111	LEAD	4	363	511	311	420
28621	68111	LEAD	4	115	285	127	253
28622	68111	LEAD	4	276	329	246	285
28623	68111	LEAD	4	204	278	193	247
28625	68111	LEAD	2	113	184	126	178
28626	68111	LEAD	4	166	320	165	279

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28627	68111	LEAD	4	302	422	266	354
28628	68111	LEAD	4	169	291	167	257
28629	68111	LEAD	4	264	403	238	340
28630	68111	LEAD	4	377	649	321	522
28631	68111	LEAD	4	213	327	200	284
28632	68111	LEAD	4	219	533	204	436
28633	68111	LEAD	4	281	340	250	294
28634	68111	LEAD	4	290	374	257	319
28635	68111	LEAD	4	50	89	79	108
28637	68111	LEAD	5	78	106	100	121
28638	68111	LEAD	4	229	295	211	261
28639	68111	LEAD	4	118	128	130	137
28640	68111	LEAD	4	31	47	65	76
28641	68111	LEAD	4	243	411	221	346
28642	68111	LEAD	4	109	133	123	141
28643	68111	LEAD	4	215	465	201	386
28648	68111	LEAD	5	192	279	184	249
28650	68111	LEAD	4	283	486	251	401
28653	68111	LEAD	4	145	156	149	158
28655	68111	LEAD	4	178	363	174	311
28656	68111	LEAD	5	145	192	150	184
28659	68111	LEAD	4	100	125	116	135
28661	68111	LEAD	4	120	150	131	153
28665	68111	LEAD	4	343	581	296	472
28668	68111	LEAD	4	222	293	206	259
28671	68111	LEAD	4	159	291	160	257
28674	68111	LEAD	4	573	961	466	753
28675	68111	LEAD	4	191	248	183	226
28677	68111	LEAD	4	100	158	116	159
28679	68111	LEAD	4	125	148	135	151
28685	68111	LEAD	5	153	187	155	180
28688	68111	LEAD	4	160	247	160	225
28690	68111	LEAD	4	41	85	73	105
28691	68111	LEAD	5	125	208	134	196
28692	68111	LEAD	4	93	115	111	127
28694	68111	LEAD	4	121	144	131	148
28709	68111	LEAD	4	212	275	199	245
28712	68111	LEAD	4	591	1145	479	889
28713	68111	LEAD	4	157	251	158	227
28716	68111	LEAD	4	229	372	211	317
28720	68111	LEAD	4	560	948	457	744
28722	68111	LEAD	4	239	589	219	478
28723	68111	LEAD	4	265	329	238	285
28725	68111	LEAD	4	209	233	197	215
28728	68111	LEAD	4	60	108	87	122

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28730	68111	LEAD	4	317	448	276	373
28732	68111	LEAD	4	235	273	216	244
28735	68111	LEAD	4	284	368	252	314
28736	68111	LEAD	4	111	193	124	185
28737	68111	LEAD	4	318	456	277	379
28739	68111	LEAD	3	238	317	218	276
28740	68111	LEAD	5	54	92	82	110
28741	68111	LEAD	4	172	180	169	175
28744	68111	LEAD	4	131	170	139	168
28745	68111	LEAD	3	36	48	69	78
28746	68111	LEAD	4	323	509	281	419
28747	68111	LEAD	4	92	128	110	137
28748	68111	LEAD	4	102	122	117	132
28749	68111	LEAD	4	126	248	135	225
28750	68111	LEAD	4	223	342	207	295
28752	68111	LEAD	4	449	776	375	616
28753	68111	LEAD	4	256	353	231	304
28754	68111	LEAD	4	397	710	336	567
28755	68111	LEAD	4	295	491	260	405
28757	68111	LEAD	5	366	600	313	486
28758	68111	LEAD	4	213	371	200	316
28759	68111	LEAD	2	31	31	65	65
28760	68111	LEAD	4	295	481	260	398
28762	68111	LEAD	4	179	246	174	224
28763	68111	LEAD	2	43	55	74	83
28764	68111	LEAD	4	104	161	119	161
28766	68111	LEAD	4	200	307	190	269
28767	68111	LEAD	4	243	291	222	257
28768	68111	LEAD	4	60	84	87	104
28770	68111	LEAD	3	271	320	243	279
28771	68111	LEAD	5	201	253	191	229
28772	68111	LEAD	5	234	505	215	416
28773	68111	LEAD	4	68	117	92	128
28775	68111	LEAD	4	90	108	109	122
28776	68111	LEAD	4	95	141	112	146
28777	68111	LEAD	3	97	99	114	116
28778	68111	LEAD	4	104	142	119	147
28781	68111	LEAD	4	544	1747	445	1335
28782	68111	LEAD	4	135	193	142	185
28783	68111	LEAD	4	324	454	282	378
28784	68111	LEAD	4	154	201	156	191
28785	68111	LEAD	5	153	300	155	264
28786	68111	LEAD	4	181	253	176	229
28787	68111	LEAD	4	328	857	285	676
28790	68111	LEAD	4	201	257	191	232

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28792	68111	LEAD	4	89	171	108	169
28793	68111	LEAD	4	405	489	342	404
28796	68111	LEAD	4	178	223	174	207
28798	68111	LEAD	4	414	510	348	419
28799	68111	LEAD	4	314	612	274	495
28800	68111	LEAD	4	229	346	211	298
28804	68111	LEAD	4	397	851	336	672
28806	68111	LEAD	4	275	442	246	369
28809	68111	LEAD	4	130	268	138	240
28810	68111	LEAD	4	302	457	266	380
28811	68111	LEAD	4	177	272	173	244
28812	68111	LEAD	5	143	180	148	175
28814	68111	LEAD	4	210	295	197	261
28816	68111	LEAD	4	124	168	134	166
28818	68111	LEAD	4	243	382	222	325
28819	68111	LEAD	4	257	443	232	370
28821	68111	LEAD	4	56	94	83	111
28822	68111	LEAD	2	126	149	135	152
28825	68111	LEAD	4	221	369	206	315
28826	68111	LEAD	3	149	171	152	168
28828	68111	LEAD	2	178	207	174	195
28829	68111	LEAD	4	320	675	279	542
28831	68111	LEAD	4	294	505	260	416
28834	68111	LEAD	4	121	169	132	167
28835	68111	LEAD	5	141	219	146	204
28836	68111	LEAD	5	464	1924	385	1466
28837	68111	LEAD	5	106	141	121	146
28840	68111	LEAD	4	84	117	104	129
28841	68111	LEAD	4	442	801	369	635
28842	68111	LEAD	4	145	183	149	177
28843	68111	LEAD	4	287	407	254	343
28844	68111	LEAD	4	155	208	157	196
28846	68111	LEAD	4	328	608	285	492
28847	68111	LEAD	4	249	424	227	356
28849	68111	LEAD	4	88	138	107	144
28853	68111	LEAD	4	94	124	111	134
28854	68111	LEAD	4	106	169	121	167
28856	68111	LEAD	4	309	491	270	406
28858	68111	LEAD	4	37	52	70	80
28864	68111	LEAD	4	155	202	157	192
28870	68111	LEAD	4	96	118	113	129
28871	68111	LEAD	4	213	383	200	325
28872	68111	LEAD	4	184	237	178	217
28874	68111	LEAD	4	158	246	159	224
28875	68111	LEAD	4	248	656	226	528

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28877	68111	LEAD	4	130	241	138	221
28878	68111	LEAD	4	177	213	173	199
28879	68111	LEAD	4	708	1068	566	832
28880	68111	LEAD	4	92	135	110	142
28881	68111	LEAD	5	780	1542	619	1183
28882	68111	LEAD	4	233	500	214	412
28884	68111	LEAD	4	154	209	156	197
28885	68111	LEAD	4	116	139	128	145
28889	68111	LEAD	4	51	60	80	86
28892	68111	LEAD	4	434	538	363	440
28893	68111	LEAD	4	383	497	325	409
28895	68111	LEAD	4	108	141	122	147
28896	68111	LEAD	4	557	960	454	752
28900	68111	LEAD	4	393	959	333	752
28901	68111	LEAD	4	235	331	216	287
28904	68111	LEAD	4	218	276	203	247
28906	68111	LEAD	4	317	335	277	290
28909	68111	LEAD	4	166	250	165	227
28911	68111	LEAD	4	183	252	178	229
28913	68111	LEAD	4	128	144	137	149
28914	68111	LEAD	2	332	391	288	332
28917	68111	LEAD	4	317	533	276	436
28920	68111	LEAD	4	305	362	268	310
28922	68111	LEAD	4	223	324	207	282
28927	68111	LEAD	4	262	623	236	503
28928	68111	LEAD	4	225	268	209	241
28930	68111	LEAD	4	163	228	163	211
28933	68111	LEAD	4	131	144	139	148
28935	68111	LEAD	4	175	259	171	234
28936	68111	LEAD	4	160	242	161	221
28939	68111	LEAD	2	245	266	223	239
28942	68111	LEAD	4	226	302	209	265
28943	68111	LEAD	4	175	306	172	269
28945	68111	LEAD	4	389	464	330	385
28946	68111	LEAD	4	386	797	327	632
28947	68111	LEAD	2	299	370	263	316
28949	68111	LEAD	4	443	586	370	476
28950	68111	LEAD	4	187	345	180	298
28951	68111	LEAD	4	122	190	132	182
28954	68111	LEAD	4	78	92	100	110
28955	68111	LEAD	4	110	168	123	166
28956	68111	LEAD	4	260	283	234	252
28957	68111	LEAD	4	221	362	206	310
28958	68111	LEAD	4	102	141	118	146
28959	68111	LEAD	5	254	564	230	459

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
28960	68111	LEAD	4	186	246	180	224
28961	68111	LEAD	4	123	256	133	231
28963	68111	LEAD	4	120	161	131	161
28964	68111	LEAD	4	136	168	142	167
28965	68111	LEAD	4	675	921	542	723
28966	68111	LEAD	4	209	461	197	383
28967	68111	LEAD	4	169	270	167	242
28968	68111	LEAD	3	125	129	135	138
28969	68111	LEAD	4	90	115	108	127
28970	68111	LEAD	4	183	291	177	257
28972	68111	LEAD	4	303	590	266	478
28973	68111	LEAD	4	408	739	344	589
28976	68111	LEAD	4	279	412	248	347
28978	68111	LEAD	4	201	286	191	254
28979	68111	LEAD	4	203	266	192	239
28980	68111	LEAD	4	250	387	227	328
28983	68111	LEAD	4	112	160	125	160
28984	68111	LEAD	4	157	203	159	192
28985	68111	LEAD	4	100	150	116	153
28988	68111	LEAD	4	121	128	132	137
28989	68111	LEAD	2	112	127	125	136
28991	68111	LEAD	4	111	166	124	165
28992	68111	LEAD	4	148	265	152	238
28993	68111	LEAD	4	109	134	122	141
28994	68111	LEAD	4	102	134	118	141
28996	68111	LEAD	4	417	615	350	497
28997	68111	LEAD	4	99	104	115	119
28998	68111	LEAD	4	73	85	96	105
29001	68111	LEAD	5	270	433	242	363
29002	68111	LEAD	4	79	87	100	106
29003	68111	LEAD	4	242	327	221	284
29004	68111	LEAD	4	152	187	154	180
29008	68111	LEAD	4	396	636	335	512
29009	68111	LEAD	4	155	203	157	192
29013	68111	LEAD	3	146	176	150	172
29015	68111	LEAD	4	80	110	101	124
29017	68111	LEAD	4	234	352	215	303
29023	68111	LEAD	5	145	204	149	193
29025	68111	LEAD	4	117	167	128	165
29031	68111	LEAD	4	542	884	443	696
29033	68111	LEAD	4	178	306	174	268
29034	68111	LEAD	4	56	119	83	130
29035	68111	LEAD	5	235	300	216	264
29036	68111	LEAD	4	29	52	64	80
29037	68111	LEAD	4	74	87	97	106

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29039	68111	LEAD	4	252	373	229	318
29041	68111	LEAD	4	147	236	151	217
29046	68111	LEAD	4	64	92	89	110
29054	68111	LEAD	4	300	425	264	357
29056	68111	LEAD	4	235	423	216	355
29061	68111	LEAD	4	150	251	153	228
29066	68111	LEAD	4	388	518	329	425
29070	68111	LEAD	4	252	276	228	246
29071	68111	LEAD	4	255	592	231	480
29072	68111	LEAD	2	167	225	166	208
29074	68111	LEAD	4	603	956	488	749
29079	68111	LEAD	4	196	246	187	224
29080	68111	LEAD	4	131	222	139	206
29081	68111	LEAD	5	366	426	313	357
29082	68111	LEAD	4	65	86	90	105
29083	68111	LEAD	5	287	646	254	520
29085	68111	LEAD	4	75	139	97	145
29088	68111	LEAD	4	244	479	223	396
29089	68111	LEAD	4	299	506	263	416
29090	68111	LEAD	4	347	598	299	485
29099	68111	LEAD	4	194	255	185	231
29101	68111	LEAD	4	365	395	312	334
29102	68111	LEAD	4	79	110	101	123
29103	68111	LEAD	4	239	471	219	391
29105	68111	LEAD	4	251	369	228	315
29108	68111	LEAD	5	78	101	100	116
29109	68111	LEAD	4	101	134	117	141
29111	68111	LEAD	4	98	144	114	148
29114	68111	LEAD	4	212	258	199	233
29116	68111	LEAD	4	191	500	183	412
29118	68111	LEAD	4	180	250	176	227
29119	68111	LEAD	4	156	335	158	290
29122	68111	LEAD	4	257	571	232	465
29123	68111	LEAD	6	199	468	190	389
29127	68111	LEAD	4	296	352	261	303
29128	68111	LEAD	4	276	361	246	309
29133	68111	LEAD	4	201	348	191	299
29136	68111	LEAD	4	171	226	169	209
29138	68111	LEAD	4	172	238	169	218
29139	68111	LEAD	4	120	135	131	142
29140	68111	LEAD	4	402	676	339	542
29142	68111	LEAD	4	210	380	198	323
29143	68111	LEAD	4	55	72	83	96
29144	68111	LEAD	4	145	268	149	240
29145	68111	LEAD	4	130	173	138	170

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29146	68111	LEAD	4	194	228	185	211
29149	68111	LEAD	5	214	295	200	260
29150	68111	LEAD	4	267	339	239	293
29152	68111	LEAD	4	218	352	203	303
29153	68111	LEAD	5	466	602	387	487
29155	68111	LEAD	4	85	95	105	112
29157	68111	LEAD	4	211	353	198	303
29160	68111	LEAD	4	111	144	124	148
29162	68111	LEAD	3	385	851	327	672
29163	68111	LEAD	4	259	388	234	329
29165	68111	LEAD	4	346	562	298	458
29167	68111	LEAD	4	433	795	363	630
29168	68111	LEAD	4	75	99	98	115
29169	68111	LEAD	4	495	911	408	716
29171	68111	LEAD	4	80	101	101	117
29172	68111	LEAD	4	209	277	197	247
29173	68111	LEAD	4	232	284	214	252
29174	68111	LEAD	5	138	191	144	183
29175	68111	LEAD	5	94	205	112	194
29176	68111	LEAD	4	131	170	139	168
29177	68111	LEAD	4	399	610	337	493
29178	68111	LEAD	4	182	301	176	265
29179	68111	LEAD	4	65	117	90	129
29180	68111	LEAD	4	86	159	106	159
29181	68111	LEAD	4	405	497	342	410
29182	68111	LEAD	4	180	307	175	269
29183	68111	LEAD	4	154	238	156	218
29184	68111	LEAD	5	139	190	145	183
29185	68111	LEAD	4	466	610	387	493
29186	68111	LEAD	4	101	198	117	189
29187	68111	LEAD	4	76	96	98	113
29189	68111	LEAD	4	83	99	103	115
29190	68111	LEAD	4	518	989	425	774
29191	68111	LEAD	4	66	93	91	111
29195	68111	LEAD	4	92	123	110	133
29198	68111	LEAD	4	115	124	127	134
29200	68111	LEAD	4	378	433	321	362
29201	68111	LEAD	5	96	152	113	154
29204	68111	LEAD	4	104	169	119	167
29205	68111	LEAD	3	225	320	209	279
29206	68111	LEAD	4	240	383	220	326
29208	68111	LEAD	4	104	126	119	135
29209	68111	LEAD	4	287	322	255	280
29211	68111	LEAD	4	105	168	120	166
29214	68111	LEAD	4	449	816	374	646

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29216	68111	LEAD	5	189	274	182	244
29217	68111	LEAD	4	217	337	203	291
29219	68111	LEAD	4	160	220	161	205
29220	68111	LEAD	4	233	300	214	264
29221	68111	LEAD	4	575	1003	467	784
29223	68111	LEAD	4	213	284	200	252
29239	68111	LEAD	4	115	171	127	168
29240	68111	LEAD	4	200	256	190	231
29241	68111	LEAD	4	216	387	202	328
29242	68111	LEAD	4	147	187	151	180
29243	68111	LEAD	4	61	79	87	100
29244	68111	LEAD	4	187	283	180	251
29245	68111	LEAD	4	2059	2694	1565	2036
29246	68111	LEAD	4	283	394	251	334
29247	68111	LEAD	4	90	129	108	138
29248	68111	LEAD	4	766	1942	609	1479
29250	68111	LEAD	4	230	348	212	299
29251	68111	LEAD	4	465	750	386	597
29252	68111	LEAD	4	218	356	203	305
29253	68111	LEAD	4	357	584	306	474
29254	68111	LEAD	4	86	121	105	132
29255	68111	LEAD	4	122	198	133	189
29258	68111	LEAD	2	130	178	138	174
29259	68111	LEAD	3	197	389	188	330
29261	68111	LEAD	4	173	224	170	208
29262	68111	LEAD	4	107	136	121	142
29263	68111	LEAD	4	169	219	167	204
29264	68111	LEAD	4	156	248	158	226
29265	68111	LEAD	4	203	290	193	257
29268	68111	LEAD	4	162	353	162	303
29270	68111	LEAD	5	149	208	152	196
29272	68111	LEAD	4	123	159	133	160
29274	68111	LEAD	4	195	362	186	310
29279	68111	LEAD	4	104	147	119	151
29280	68111	LEAD	3	247	340	225	293
29281	68111	LEAD	4	389	503	330	415
29285	68111	LEAD	4	189	364	182	312
29286	68111	LEAD	4	86	107	105	121
29291	68111	LEAD	4	206	393	194	333
29293	68111	LEAD	4	471	946	391	742
29294	68111	LEAD	4	94	128	112	137
29299	68111	LEAD	4	111	156	125	157
29300	68111	LEAD	4	185	343	179	296
29301	68111	LEAD	4	386	837	328	661
29302	68111	LEAD	4	216	354	202	304

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29304	68111	LEAD	3	139	190	145	183
29306	68111	LEAD	4	143	159	148	160
29308	68111	LEAD	4	111	139	124	145
29309	68111	LEAD	4	196	252	187	229
29311	68111	LEAD	5	291	463	257	384
29313	68111	LEAD	4	259	396	233	335
29314	68111	LEAD	4	351	895	302	704
29316	68111	LEAD	4	228	260	211	234
29317	68111	LEAD	4	294	381	259	324
29318	68111	LEAD	5	81	122	102	132
29321	68111	LEAD	4	395	776	335	617
29322	68111	LEAD	3	228	350	211	301
29325	68111	LEAD	4	272	392	243	332
29328	68111	LEAD	5	188	252	181	229
29331	68111	LEAD	4	167	243	166	222
29333	68111	LEAD	4	114	174	126	171
29334	68111	LEAD	4	190	230	183	212
29335	68111	LEAD	4	295	468	260	389
29336	68111	LEAD	4	77	94	99	112
29337	68111	LEAD	4	113	151	126	154
29339	68111	LEAD	5	212	336	199	291
29342	68111	LEAD	4	324	626	282	505
29343	68111	LEAD	4	171	227	168	210
29344	68111	LEAD	4	166	297	165	262
29349	68111	LEAD	4	371	442	316	369
29351	68111	LEAD	4	162	221	162	206
29354	68111	LEAD	4	172	227	169	210
29355	68111	LEAD	4	92	115	110	127
29357	68111	LEAD	5	98	145	114	149
29358	68111	LEAD	4	396	419	335	352
29362	68111	LEAD	4	333	430	289	360
29364	68111	LEAD	4	282	318	251	277
29366	68111	LEAD	4	68	78	92	99
29368	68111	LEAD	4	214	314	200	274
29370	68111	LEAD	5	123	191	133	183
29373	68111	LEAD	4	87	101	106	117
29375	68111	LEAD	2	150	260	153	235
29377	68111	LEAD	4	70	84	94	104
29378	68111	LEAD	4	118	130	130	138
29379	68111	LEAD	4	122	195	133	186
29380	68111	LEAD	4	325	431	282	361
29381	68111	LEAD	4	96	151	113	153
29383	68111	LEAD	4	117	228	129	210
29384	68111	LEAD	2	56	57	83	85
29385	68111	LEAD	4	496	769	409	611

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29386	68111	LEAD	4	75	88	98	107
29391	68111	LEAD	4	293	406	259	342
29394	68111	LEAD	4	163	195	163	186
29395	68111	LEAD	4	381	534	324	437
29396	68111	LEAD	4	145	183	149	178
29397	68111	LEAD	4	281	389	250	330
29400	68111	LEAD	2	232	256	214	231
29401	68111	LEAD	4	271	354	243	304
29402	68111	LEAD	3	641	721	516	575
29403	68111	LEAD	4	244	339	223	293
29404	68111	LEAD	3	182	429	177	360
29405	68111	LEAD	2	91	105	109	119
29406	68111	LEAD	4	350	666	301	535
29408	68111	LEAD	2	69	82	93	103
29409	68111	LEAD	4	61	65	87	90
29411	68111	LEAD	4	224	242	208	221
29413	68111	LEAD	4	281	502	250	414
29416	68111	LEAD	5	79	88	100	107
29417	68111	LEAD	3	56	72	84	95
29418	68111	LEAD	4	318	553	277	451
29419	68111	LEAD	4	265	554	238	452
29420	68111	LEAD	5	115	176	127	172
29425	68111	LEAD	3	225	276	209	246
29427	68111	LEAD	4	333	510	288	420
29428	68111	LEAD	4	98	107	115	121
29429	68111	LEAD	4	385	564	327	459
29430	68111	LEAD	4	89	136	108	143
29431	68111	LEAD	4	356	566	305	461
29432	68111	LEAD	4	167	338	166	292
29433	68111	LEAD	4	369	480	315	397
29434	68111	LEAD	4	114	165	127	164
29436	68111	LEAD	4	170	213	168	200
29438	68111	LEAD	4	277	437	247	366
29440	68111	LEAD	4	139	335	145	290
29441	68111	LEAD	4	312	721	273	576
29442	68111	LEAD	3	77	84	99	104
29444	68111	LEAD	3	46	52	76	81
29445	68111	LEAD	4	238	440	218	367
29446	68111	LEAD	4	142	188	147	181
29449	68111	LEAD	4	186	355	180	305
29450	68111	LEAD	4	83	131	103	139
29451	68111	LEAD	3	79	117	100	129
29454	68111	LEAD	4	166	242	165	221
29455	68111	LEAD	4	347	430	299	360
29456	68111	LEAD	4	113	133	126	140

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29457	68111	LEAD	2	262	310	236	271
29459	68111	LEAD	4	458	740	381	589
29460	68111	LEAD	2	205	238	194	218
29461	68111	LEAD	4	442	818	369	648
29462	68111	LEAD	4	220	304	205	267
29463	68111	LEAD	4	200	425	190	356
29464	68111	LEAD	4	481	670	398	538
29465	68111	LEAD	4	486	694	402	556
29466	68111	LEAD	4	356	450	306	375
29467	68111	LEAD	4	346	499	298	411
29469	68111	LEAD	4	195	310	187	271
29470	68111	LEAD	4	242	553	221	451
29471	68111	LEAD	4	637	1295	513	1000
29472	68111	LEAD	4	208	355	196	304
29475	68111	LEAD	4	393	724	333	578
29477	68111	LEAD	4	391	455	331	379
29479	68111	LEAD	4	383	560	325	456
29480	68111	LEAD	4	193	361	185	309
29483	68111	LEAD	4	521	1556	428	1193
29484	68111	LEAD	4	365	548	312	447
29486	68111	LEAD	4	108	155	122	157
29487	68111	LEAD	4	645	1240	519	960
29488	68111	LEAD	4	470	733	389	584
29489	68111	LEAD	4	147	299	151	263
29490	68111	LEAD	4	528	1006	432	786
29491	68111	LEAD	4	343	448	296	374
29492	68111	LEAD	4	155	204	157	193
29495	68111	LEAD	4	297	450	261	375
29497	68111	LEAD	4	111	154	124	156
29498	68111	LEAD	4	131	191	139	184
29499	68111	LEAD	3	146	168	150	166
29501	68111	LEAD	5	458	923	381	725
29502	68111	LEAD	4	172	343	170	296
29504	68111	LEAD	4	220	268	205	240
29507	68111	LEAD	4	553	882	451	695
29512	68111	LEAD	3	409	625	344	504
29514	68111	LEAD	4	431	886	361	698
29517	68111	LEAD	4	433	740	363	590
29520	68111	LEAD	4	576	814	468	644
29523	68111	LEAD	4	436	596	364	483
29525	68111	LEAD	5	285	460	253	382
29526	68111	LEAD	4	315	455	275	378
29531	68111	LEAD	4	212	380	199	323
29535	68111	LEAD	3	225	232	208	214
29537	68111	LEAD	4	209	250	197	227

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29540	68111	LEAD	4	373	693	318	555
29541	68111	LEAD	5	198	321	189	280
29543	68111	LEAD	4	287	322	255	280
29546	68111	LEAD	4	337	451	291	376
29547	68111	LEAD	4	221	336	206	290
29548	68111	LEAD	4	215	291	201	258
29551	68111	LEAD	4	362	960	310	752
29552	68111	LEAD	4	244	343	223	296
29555	68111	LEAD	4	105	143	120	148
29556	68111	LEAD	4	251	368	228	314
29557	68111	LEAD	4	118	161	129	161
29558	68111	LEAD	3	301	348	265	300
29559	68111	LEAD	4	386	550	328	449
29560	68111	LEAD	3	592	1189	480	922
29561	68111	LEAD	4	207	254	195	230
29562	68111	LEAD	4	312	608	273	492
29563	68111	LEAD	4	224	276	207	246
29564	68111	LEAD	4	439	672	367	539
29565	68111	LEAD	4	304	385	267	327
29567	68111	LEAD	4	98	154	115	156
29568	68111	LEAD	5	124	202	134	191
29569	68111	LEAD	4	195	344	186	296
29570	68111	LEAD	3	92	164	110	164
29572	68111	LEAD	4	355	445	305	371
29574	68111	LEAD	4	263	732	237	583
29575	68111	LEAD	4	246	270	224	242
29576	68111	LEAD	4	315	537	275	439
29577	68111	LEAD	4	78	91	100	109
29578	68111	LEAD	4	208	410	196	346
29579	68111	LEAD	4	150	197	153	188
29580	68111	LEAD	5	395	763	334	607
29582	68111	LEAD	4	77	107	99	121
29583	68111	LEAD	4	443	712	370	569
29588	68111	LEAD	4	146	222	150	206
29589	68111	LEAD	4	640	872	515	687
29592	68111	LEAD	4	197	215	188	201
29594	68111	LEAD	4	94	114	111	126
29596	68111	LEAD	4	383	460	326	382
29597	68111	LEAD	3	305	470	267	390
29598	68111	LEAD	4	187	278	180	248
29600	68111	LEAD	5	196	313	187	274
29602	68111	LEAD	4	231	281	213	250
29604	68111	LEAD	5	178	421	174	353
29606	68111	LEAD	3	361	480	309	397
29607	68111	LEAD	4	173	224	170	208

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29608	68111	LEAD	4	363	672	310	539
29611	68111	LEAD	4	252	324	229	282
29612	68111	LEAD	4	329	567	286	462
29613	68111	LEAD	4	134	186	141	180
29615	68111	LEAD	4	177	224	173	208
29616	68111	LEAD	5	149	287	153	254
29617	68111	LEAD	4	94	109	111	122
29618	68111	LEAD	4	133	182	140	176
29620	68111	LEAD	4	381	832	324	658
29622	68111	LEAD	4	300	404	264	341
29623	68111	LEAD	4	306	408	269	344
29624	68111	LEAD	4	779	1185	619	919
29625	68111	LEAD	4	289	503	256	414
29626	68111	LEAD	5	156	220	157	205
29627	68111	LEAD	4	651	1953	524	1487
29630	68111	LEAD	4	220	315	204	275
29631	68111	LEAD	4	340	506	294	416
29632	68111	LEAD	4	125	293	134	259
29633	68111	LEAD	5	569	917	463	721
29638	68111	LEAD	4	352	728	303	580
29641	68111	LEAD	4	398	685	336	549
29643	68111	LEAD	3	428	465	359	386
29644	68111	LEAD	4	116	199	128	189
29646	68111	LEAD	4	96	107	113	121
29648	68111	LEAD	4	288	530	255	434
29649	68111	LEAD	3	353	525	303	431
29650	68111	LEAD	5	397	523	336	429
29652	68111	LEAD	4	119	152	130	155
29654	68111	LEAD	4	481	764	398	607
29655	68111	LEAD	4	323	677	281	543
29656	68111	LEAD	4	376	574	320	466
29658	68111	LEAD	4	306	561	269	457
29660	68111	LEAD	4	138	312	144	273
29661	68111	LEAD	4	160	300	160	264
29662	68111	LEAD	4	129	146	137	150
29664	68111	LEAD	4	390	484	330	400
29666	68111	LEAD	4	135	162	142	162
29667	68111	LEAD	4	28	38	63	70
29668	68111	LEAD	4	103	141	119	147
29670	68111	LEAD	4	111	134	124	141
29671	68111	LEAD	4	132	184	140	178
29672	68111	LEAD	4	133	202	141	192
29673	68111	LEAD	3	247	453	225	377
29675	68111	LEAD	5	277	343	247	296
29677	68111	LEAD	4	157	199	158	189

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29678	68111	LEAD	4	159	293	160	259
29680	68111	LEAD	2	196	249	187	226
29682	68111	LEAD	5	269	390	241	331
29683	68111	LEAD	4	79	122	100	132
29684	68111	LEAD	4	355	469	305	389
29688	68111	LEAD	4	116	146	128	150
29689	68111	LEAD	4	328	684	285	548
29690	68111	LEAD	4	159	238	160	218
29694	68111	LEAD	4	150	216	153	202
29695	68111	LEAD	4	110	171	124	169
29697	68111	LEAD	4	479	766	396	609
29699	68111	LEAD	4	171	229	168	212
29700	68111	LEAD	4	250	454	227	378
29703	68111	LEAD	4	148	186	152	179
29704	68111	LEAD	4	197	244	188	223
29705	68111	LEAD	5	86	124	105	134
29706	68111	LEAD	4	504	796	415	631
29707	68111	LEAD	4	125	172	134	170
29709	68111	LEAD	4	179	257	174	232
29710	68111	LEAD	4	242	386	221	328
29712	68111	LEAD	3	234	327	216	284
29713	68111	LEAD	4	529	772	433	613
29714	68111	LEAD	4	221	352	205	303
29715	68111	LEAD	5	72	180	95	175
29717	68111	LEAD	4	516	639	424	515
29720	68111	LEAD	4	268	508	240	418
29721	68111	LEAD	2	412	415	347	349
29722	68111	LEAD	4	552	764	451	608
29724	68111	LEAD	3	185	249	179	226
29727	68111	LEAD	4	347	471	299	391
29729	68111	LEAD	4	222	307	206	269
29735	68111	LEAD	3	178	216	174	202
29737	68111	LEAD	4	451	706	376	564
29739	68111	LEAD	4	100	106	116	121
29741	68111	LEAD	5	355	594	305	481
29755	68111	LEAD	4	321	431	280	361
29760	68111	LEAD	4	137	179	144	175
29764	68111	LEAD	5	290	734	256	585
29769	68111	LEAD	4	187	356	181	305
29770	68111	LEAD	4	247	308	225	270
29771	68111	LEAD	4	486	622	401	502
29772	68111	LEAD	4	171	229	168	211
29775	68111	LEAD	4	193	270	184	242
29777	68111	LEAD	4	265	337	238	291
29779	68111	LEAD	3	568	847	462	669

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29780	68111	LEAD	4	204	303	193	266
29781	68111	LEAD	4	340	593	294	481
29783	68111	LEAD	4	149	180	152	175
29784	68111	LEAD	4	156	232	157	214
29785	68111	LEAD	4	261	334	235	289
29787	68111	LEAD	4	221	300	206	264
29788	68111	LEAD	4	188	334	181	289
29790	68111	LEAD	4	143	252	148	228
29791	68111	LEAD	4	105	118	120	129
29792	68111	LEAD	4	307	547	269	447
29793	68111	LEAD	4	396	728	335	580
29794	68111	LEAD	4	209	308	197	270
29797	68111	LEAD	4	679	965	545	756
29798	68111	LEAD	4	126	213	135	200
29800	68111	LEAD	4	155	186	156	179
29801	68111	LEAD	4	360	590	308	479
29803	68111	LEAD	4	84	120	104	131
29804	68111	LEAD	4	121	155	131	157
29806	68111	LEAD	4	88	140	107	145
29807	68111	LEAD	2	263	331	237	287
29808	68111	LEAD	4	140	283	146	251
29809	68111	LEAD	4	156	296	158	261
29811	68111	LEAD	4	215	345	201	297
29814	68111	LEAD	5	205	297	194	262
29815	68111	LEAD	4	374	500	318	412
29816	68111	LEAD	3	166	176	165	172
29817	68111	LEAD	4	563	1287	459	994
29818	68111	LEAD	4	56	77	83	99
29819	68111	LEAD	4	95	126	112	135
29820	68111	LEAD	4	134	172	141	169
29821	68111	LEAD	4	332	456	288	379
29823	68111	LEAD	4	193	230	185	212
29824	68111	LEAD	4	310	441	271	368
29825	68111	LEAD	4	113	163	126	162
29826	68111	LEAD	4	392	518	332	425
29827	68111	LEAD	4	533	721	436	576
29829	68111	LEAD	4	248	343	225	296
29831	68111	LEAD	4	382	481	324	398
29832	68111	LEAD	4	250	460	227	382
29835	68111	LEAD	4	88	126	107	135
29837	68111	LEAD	4	125	201	134	190
29839	68111	LEAD	4	129	233	137	215
29840	68111	LEAD	4	100	124	116	134
29842	68111	LEAD	6	95	152	112	155
29845	68111	LEAD	4	303	525	266	431

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29848	68111	LEAD	4	137	217	143	203
29849	68111	LEAD	4	205	264	193	238
29851	68111	LEAD	3	399	495	337	408
29855	68111	LEAD	5	571	859	464	678
29857	68111	LEAD	4	92	123	110	133
29859	68111	LEAD	4	114	157	126	158
29860	68111	LEAD	3	190	232	182	214
29861	68111	LEAD	4	286	359	253	308
29864	68111	LEAD	4	256	353	232	303
29867	68111	LEAD	4	79	92	101	110
29871	68111	LEAD	4	57	66	84	91
29881	68111	LEAD	4	236	317	217	276
29889	68111	LEAD	5	366	613	313	496
29890	68111	LEAD	4	512	869	421	685
29891	68111	LEAD	4	219	284	204	252
29893	68111	LEAD	4	379	684	322	548
29895	68111	LEAD	4	397	614	336	496
29896	68111	LEAD	4	143	175	148	171
29897	68111	LEAD	4	355	789	305	626
29898	68111	LEAD	4	184	235	178	216
29904	68111	LEAD	4	304	448	267	374
29905	68111	LEAD	4	456	539	379	441
29907	68111	LEAD	3	275	291	246	258
29910	68111	LEAD	5	106	128	120	137
29912	68111	LEAD	4	240	301	219	265
29915	68111	LEAD	4	112	189	125	182
29918	68111	LEAD	4	258	419	233	352
29919	68111	LEAD	3	101	159	117	160
29922	68111	LEAD	4	91	106	109	120
29923	68111	LEAD	4	241	332	220	288
29926	68111	LEAD	4	288	600	255	486
29927	68111	LEAD	4	351	508	302	418
29928	68111	LEAD	4	137	214	144	200
29930	68111	LEAD	4	416	674	350	541
29932	68111	LEAD	5	282	419	251	352
29933	68111	LEAD	4	383	591	326	479
29935	68111	LEAD	4	279	518	249	425
29937	68111	LEAD	4	135	144	142	148
29940	68111	LEAD	3	282	305	251	268
29944	68111	LEAD	4	204	357	193	306
29945	68111	LEAD	4	47	64	77	89
29948	68111	LEAD	4	514	837	423	662
29949	68111	LEAD	4	71	100	95	116
29953	68111	LEAD	4	277	352	247	302
29954	68111	LEAD	4	106	142	121	147

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
29956	68111	LEAD	4	419	769	352	611
29960	68111	LEAD	4	281	603	250	488
29961	68111	LEAD	4	139	156	145	158
29962	68111	LEAD	4	232	482	214	399
29963	68111	LEAD	4	319	677	278	543
29964	68111	LEAD	4	109	146	123	150
29965	68111	LEAD	3	120	174	131	171
29966	68111	LEAD	4	223	261	207	235
29967	68111	LEAD	6	351	542	302	443
29968	68111	LEAD	4	77	90	99	109
29969	68111	LEAD	4	283	538	252	440
29970	68111	LEAD	4	118	141	129	146
29973	68111	LEAD	2	142	174	147	171
29974	68111	LEAD	4	292	409	258	344
29975	68111	LEAD	4	177	210	173	197
29977	68111	LEAD	4	306	614	268	497
29978	68111	LEAD	4	138	216	144	202
29980	68111	LEAD	4	237	258	218	233
29981	68111	LEAD	4	95	142	112	147
29982	68111	LEAD	4	130	180	138	175
29983	68111	LEAD	4	70	77	93	99
29984	68111	LEAD	3	246	304	224	267
29986	68111	LEAD	4	94	155	111	156
29988	68111	LEAD	4	154	192	156	184
29990	68111	LEAD	2	207	307	195	269
29991	68111	LEAD	4	410	576	345	468
29992	68111	LEAD	4	152	349	154	300
29993	68111	LEAD	4	232	269	214	241
29994	68111	LEAD	3	115	127	127	136
29995	68111	LEAD	4	340	394	293	334
29996	68111	LEAD	4	287	428	254	359
29998	68111	LEAD	4	195	274	187	245
29999	68111	LEAD	4	336	494	290	408
30001	68111	LEAD	4	215	338	201	292
30002	68111	LEAD	4	395	475	335	393
30004	68111	LEAD	1	96	96	113	113
30005	68111	LEAD	4	488	767	403	610
30007	68111	LEAD	2	165	180	164	175
30008	68111	LEAD	2	274	285	244	253
30012	68111	LEAD	4	213	285	199	253
30014	68111	LEAD	3	107	122	121	132
30019	68111	LEAD	4	497	905	410	712
30021	68111	LEAD	2	91	96	109	113
30029	68111	LEAD	1	244	244	223	223
30032	68111	LEAD	4	347	691	299	554

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30036	68111	LEAD	4	361	505	309	416
30039	68111	LEAD	4	630	930	508	731
30040	68111	LEAD	4	154	242	156	221
30041	68111	LEAD	4	313	408	273	344
30042	68111	LEAD	4	275	419	245	352
30044	68111	LEAD	4	475	711	394	568
30045	68111	LEAD	3	373	766	318	609
30048	68111	LEAD	4	128	180	137	175
30050	68111	LEAD	4	198	326	189	283
30052	68111	LEAD	4	145	223	149	207
30054	68111	LEAD	4	83	99	104	115
30058	68111	LEAD	4	133	251	140	228
30060	68111	LEAD	4	184	238	178	218
30062	68111	LEAD	4	189	310	182	272
30063	68111	LEAD	3	152	264	155	237
30065	68111	LEAD	4	447	603	373	488
30067	68111	LEAD	4	502	711	413	568
30068	68111	LEAD	4	374	787	319	624
30070	68111	LEAD	3	228	396	211	335
30071	68111	LEAD	4	440	782	367	621
30072	68111	LEAD	4	309	443	271	370
30073	68111	LEAD	4	132	171	140	169
30074	68111	LEAD	4	362	563	310	458
30075	68111	LEAD	4	113	185	125	179
30076	68111	LEAD	4	249	363	226	310
30077	68111	LEAD	4	116	141	128	146
30078	68111	LEAD	4	307	501	269	413
30080	68111	LEAD	2	221	241	205	220
30081	68111	LEAD	4	109	134	122	141
30082	68111	LEAD	2	83	109	103	122
30083	68111	LEAD	4	137	188	143	181
30084	68111	LEAD	4	288	546	255	446
30085	68111	LEAD	2	180	213	175	199
30086	68111	LEAD	4	164	234	163	216
30087	68111	LEAD	4	64	77	89	99
30088	68111	LEAD	4	115	129	127	138
30089	68111	LEAD	4	341	476	294	394
30090	68111	LEAD	4	65	101	90	117
30091	68111	LEAD	4	168	319	166	278
30092	68111	LEAD	3	331	395	287	334
30094	68111	LEAD	4	108	146	122	150
30095	68111	LEAD	4	458	563	381	459
30109	68111	LEAD	4	102	138	117	144
30111	68111	LEAD	5	91	141	110	147
30112	68111	LEAD	4	170	253	168	229

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30115	68111	LEAD	4	150	188	153	181
30116	68111	LEAD	4	284	447	252	373
30117	68111	LEAD	4	173	308	170	270
30119	68111	LEAD	4	127	254	136	230
30120	68111	LEAD	3	148	199	151	190
30121	68111	LEAD	4	353	821	304	650
30122	68111	LEAD	4	431	1140	361	885
30123	68111	LEAD	4	340	494	293	408
30124	68111	LEAD	4	153	192	155	184
30128	68111	LEAD	4	285	347	253	299
30130	68111	LEAD	4	110	180	123	175
30131	68111	LEAD	4	297	428	262	359
30132	68111	LEAD	4	160	218	161	204
30133	68111	LEAD	4	316	407	276	343
30135	68111	LEAD	4	198	306	188	269
30136	68111	LEAD	4	235	284	216	252
30137	68111	LEAD	2	140	194	146	185
30139	68111	LEAD	4	167	209	166	196
30141	68111	LEAD	3	272	328	243	285
30143	68111	LEAD	5	245	295	223	261
30144	68111	LEAD	4	240	417	219	351
30145	68111	LEAD	5	269	391	241	331
30146	68111	LEAD	4	222	423	206	355
30147	68111	LEAD	3	145	233	149	214
30148	68111	LEAD	4	158	249	159	226
30150	68111	LEAD	4	127	172	136	169
30153	68111	LEAD	4	81	101	102	117
30154	68111	LEAD	5	132	221	140	205
30155	68111	LEAD	4	256	439	231	367
30156	68111	LEAD	4	150	282	153	251
30158	68111	LEAD	4	184	348	178	300
30159	68111	LEAD	4	87	120	106	131
30160	68111	LEAD	5	78	127	99	136
30161	68111	LEAD	4	104	171	119	168
30164	68111	LEAD	4	102	212	117	199
30166	68111	LEAD	4	87	117	106	129
30167	68111	LEAD	4	103	133	118	140
30168	68111	LEAD	4	67	78	91	100
30169	68111	LEAD	4	62	84	88	104
30171	68111	LEAD	4	57	68	84	92
30173	68111	LEAD	4	83	96	103	113
30174	68111	LEAD	4	128	259	136	233
30175	68111	LEAD	4	156	339	158	293
30176	68111	LEAD	3	169	189	167	182
30177	68111	LEAD	4	224	292	207	258

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30179	68111	LEAD	4	147	164	150	163
30180	68111	LEAD	4	300	819	264	648
30182	68111	LEAD	4	76	157	98	158
30184	68111	LEAD	4	226	302	209	266
30185	68111	LEAD	4	62	86	88	106
30187	68111	LEAD	4	139	302	145	265
30188	68111	LEAD	4	208	280	196	249
30190	68111	LEAD	4	143	206	148	194
30192	68111	LEAD	4	224	239	208	219
30195	68111	LEAD	4	146	213	150	200
30198	68111	LEAD	4	539	884	441	696
30201	68111	LEAD	4	356	598	305	485
30204	68111	LEAD	4	474	664	393	533
30208	68111	LEAD	4	166	197	165	188
30209	68111	LEAD	4	405	503	342	414
30211	68111	LEAD	4	343	765	295	608
30212	68111	LEAD	4	297	527	262	432
30219	68111	LEAD	5	525	793	430	629
30220	68111	LEAD	5	252	363	229	311
30221	68111	LEAD	4	187	202	181	191
30222	68111	LEAD	5	122	169	132	167
30224	68111	LEAD	4	310	417	271	351
30225	68111	LEAD	5	433	896	362	705
30226	68111	LEAD	4	299	470	263	390
30227	68111	LEAD	4	170	201	168	191
30230	68111	LEAD	4	283	587	252	476
30231	68111	LEAD	4	408	754	344	600
30233	68111	LEAD	2	140	173	145	170
30234	68111	LEAD	4	100	123	116	133
30235	68111	LEAD	4	222	251	206	228
30236	68111	LEAD	4	587	1394	477	1074
30237	68111	LEAD	5	237	372	218	317
30238	68111	LEAD	4	211	294	198	260
30239	68111	LEAD	4	368	566	314	461
30240	68111	LEAD	4	197	236	188	216
30241	68111	LEAD	4	389	718	330	573
30242	68111	LEAD	4	228	301	211	265
30243	68111	LEAD	4	472	613	391	496
30244	68111	LEAD	4	264	488	237	403
30246	68111	LEAD	5	372	579	318	471
30249	68111	LEAD	4	175	365	172	312
30251	68111	LEAD	5	137	285	143	253
30252	68111	LEAD	4	66	81	91	102
30253	68111	LEAD	4	460	845	383	667
30254	68111	LEAD	4	110	177	123	173

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30256	68111	LEAD	4	207	254	195	230
30257	68111	LEAD	4	160	202	161	192
30258	68111	LEAD	3	108	138	122	144
30259	68111	LEAD	4	78	102	99	117
30261	68111	LEAD	4	262	524	236	429
30262	68111	LEAD	4	93	133	111	140
30267	68111	LEAD	3	517	676	425	543
30268	68111	LEAD	4	168	351	166	301
30272	68111	LEAD	4	35	52	68	80
30273	68111	LEAD	4	273	382	244	325
30274	68111	LEAD	4	116	126	128	135
30275	68111	LEAD	4	335	540	290	442
30276	68111	LEAD	4	343	371	295	316
30278	68111	LEAD	3	318	531	277	435
30282	68111	LEAD	4	65	80	90	101
30283	68111	LEAD	4	248	299	226	263
30286	68111	LEAD	4	129	165	137	164
30289	68111	LEAD	4	64	126	90	135
30290	68111	LEAD	4	211	467	198	388
30292	68111	LEAD	4	179	420	175	353
30293	68111	LEAD	4	112	156	125	157
30295	68111	LEAD	4	72	109	95	122
30296	68111	LEAD	4	165	204	164	193
30297	68111	LEAD	4	463	667	384	536
30298	68111	LEAD	4	54	56	82	84
30299	68111	LEAD	4	49	52	78	80
30300	68111	LEAD	3	502	563	413	458
30304	68111	LEAD	4	546	868	446	684
30312	68111	LEAD	4	353	510	303	419
30319	68111	LEAD	4	83	107	104	121
30320	68111	LEAD	4	302	392	266	332
30325	68111	LEAD	4	419	540	352	442
30329	68111	LEAD	4	385	594	327	482
30333	68111	LEAD	4	164	333	163	288
30338	68111	LEAD	4	155	205	157	194
30339	68111	LEAD	4	110	162	123	162
30340	68111	LEAD	4	158	244	159	223
30345	68111	LEAD	4	227	585	210	475
30346	68111	LEAD	4	65	69	90	93
30347	68111	LEAD	4	64	79	90	101
30350	68111	LEAD	4	81	98	102	114
30354	68111	LEAD	4	143	177	148	173
30355	68111	LEAD	3	113	146	126	150
30358	68111	LEAD	3	154	167	156	165
30360	68111	LEAD	2	129	133	138	140

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30361	68111	LEAD	4	114	146	126	150
30362	68111	LEAD	4	156	204	158	193
30366	68111	LEAD	4	141	171	146	169
30367	68111	LEAD	4	133	142	140	147
30374	68111	LEAD	4	177	255	173	231
30379	68111	LEAD	4	155	178	157	173
30382	68111	LEAD	4	59	66	85	91
30383	68111	LEAD	4	96	117	113	129
30384	68111	LEAD	4	166	193	165	185
30387	68111	LEAD	4	119	204	130	193
30391	68111	LEAD	4	172	422	170	354
30392	68111	LEAD	4	117	219	129	204
30396	68111	LEAD	5	125	154	134	156
30398	68111	LEAD	4	130	159	138	160
30399	68111	LEAD	4	212	268	199	240
30404	68111	LEAD	3	102	153	117	155
30406	68111	LEAD	4	116	141	128	147
30408	68111	LEAD	4	164	212	164	199
30412	68111	LEAD	4	148	219	152	204
30413	68111	LEAD	4	135	150	142	153
30415	68111	LEAD	4	86	98	105	115
30416	68111	LEAD	4	119	222	130	206
30417	68111	LEAD	4	278	388	247	329
30418	68111	LEAD	4	345	460	297	383
30419	68111	LEAD	3	487	532	403	436
30420	68111	LEAD	4	363	857	311	676
30421	68111	LEAD	4	518	596	425	483
30425	68111	LEAD	4	104	141	119	146
30426	68111	LEAD	4	146	219	150	204
30427	68111	LEAD	4	93	158	111	159
30430	68111	LEAD	4	117	181	129	176
30432	68111	LEAD	4	182	251	177	228
30433	68111	LEAD	4	399	550	337	449
30434	68111	LEAD	4	274	606	245	490
30439	68111	LEAD	6	212	391	199	332
30441	68111	LEAD	4	405	550	341	449
30444	68111	LEAD	4	228	649	211	523
30445	68111	LEAD	4	66	79	91	101
30447	68111	LEAD	3	283	493	252	406
30448	68111	LEAD	3	320	406	279	342
30449	68111	LEAD	4	170	273	168	244
30450	68111	LEAD	4	402	482	339	399
30451	68111	LEAD	4	338	547	292	447
30452	68111	LEAD	4	130	177	138	173
30453	68111	LEAD	4	384	581	326	472

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30454	68111	LEAD	4	159	220	160	205
30455	68111	LEAD	4	149	168	153	167
30456	68111	LEAD	4	132	158	140	159
30457	68111	LEAD	5	103	135	118	142
30458	68111	LEAD	4	131	159	139	160
30460	68111	LEAD	4	83	123	103	133
30461	68111	LEAD	4	96	124	113	134
30462	68111	LEAD	4	131	225	139	208
30464	68111	LEAD	4	103	148	118	151
30465	68111	LEAD	4	143	223	148	207
30468	68111	LEAD	3	66	116	91	128
30471	68111	LEAD	4	169	545	167	445
30474	68111	LEAD	4	151	185	154	179
30488	68111	LEAD	4	82	104	103	119
30490	68111	LEAD	3	313	564	274	460
30494	68111	LEAD	4	91	122	109	132
30496	68111	LEAD	4	82	95	102	112
30497	68111	LEAD	4	76	93	98	111
30501	68111	LEAD	4	172	389	169	330
30502	68111	LEAD	4	249	313	226	273
30503	68111	LEAD	4	342	456	295	379
30504	68111	LEAD	3	452	680	377	545
30505	68111	LEAD	2	255	424	231	356
30506	68111	LEAD	4	277	384	247	326
30507	68111	LEAD	4	205	264	193	238
30513	68111	LEAD	4	102	128	117	137
30514	68111	LEAD	4	204	250	193	227
30515	68111	LEAD	4	151	250	154	227
30517	68111	LEAD	4	352	685	302	549
30521	68111	LEAD	4	365	717	312	572
30523	68111	LEAD	3	95	115	113	127
30525	68111	LEAD	4	298	372	262	318
30526	68111	LEAD	4	212	330	199	286
30528	68111	LEAD	4	400	824	338	652
30531	68111	LEAD	4	148	238	151	218
30534	68111	LEAD	4	139	187	145	180
30536	68111	LEAD	4	595	1136	482	883
30539	68111	LEAD	4	255	344	231	297
30540	68111	LEAD	4	324	393	282	333
30545	68111	LEAD	3	334	456	289	379
30547	68111	LEAD	4	507	873	417	688
30549	68111	LEAD	4	211	342	198	295
30550	68111	LEAD	4	127	197	136	188
30552	68111	LEAD	4	100	144	116	148
30557	68111	LEAD	4	140	170	146	168

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30560	68111	LEAD	3	511	643	420	518
30561	68111	LEAD	4	106	142	121	147
30562	68111	LEAD	3	98	106	114	120
30563	68111	LEAD	5	317	672	277	540
30564	68111	LEAD	4	91	138	109	144
30567	68111	LEAD	4	109	155	123	157
30569	68111	LEAD	4	99	119	115	130
30571	68111	LEAD	4	102	145	117	149
30572	68111	LEAD	4	154	238	156	218
30574	68111	LEAD	4	87	137	106	144
30577	68111	LEAD	4	91	120	109	131
30578	68111	LEAD	4	434	714	363	571
30580	68111	LEAD	4	127	155	136	157
30581	68111	LEAD	4	129	171	138	169
30583	68111	LEAD	4	88	114	107	126
30586	68111	LEAD	4	121	153	131	155
30587	68111	LEAD	4	180	192	175	184
30589	68111	LEAD	4	121	137	131	143
30591	68111	LEAD	2	300	413	264	347
30595	68111	LEAD	4	326	357	283	306
30603	68111	LEAD	2	354	582	304	472
30605	68111	LEAD	4	341	398	294	337
30606	68111	LEAD	3	482	649	399	522
30608	68111	LEAD	4	468	691	389	553
30610	68111	LEAD	4	136	175	143	171
30612	68111	LEAD	4	122	153	132	155
30617	68111	LEAD	4	194	374	185	319
30621	68111	LEAD	4	180	254	176	230
30622	68111	LEAD	4	203	327	192	284
30623	68111	LEAD	4	168	230	166	212
30625	68111	LEAD	4	290	418	257	351
30627	68111	LEAD	4	458	867	381	684
30628	68111	LEAD	4	227	267	210	240
30630	68111	LEAD	4	57	83	84	104
30635	68111	LEAD	4	208	236	196	216
30638	68111	LEAD	5	117	187	129	181
30639	68111	LEAD	4	75	88	97	107
30640	68111	LEAD	4	93	117	111	129
30641	68111	LEAD	4	139	175	145	171
30642	68111	LEAD	4	311	493	272	407
30643	68111	LEAD	4	322	438	280	366
30644	68111	LEAD	4	216	311	202	272
30645	68111	LEAD	3	379	461	322	383
30646	68111	LEAD	4	119	240	130	219
30647	68111	LEAD	5	556	1526	453	1171

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30648	68111	LEAD	4	237	405	218	342
30649	68111	LEAD	4	135	155	142	157
30652	68111	LEAD	3	210	255	198	231
30656	68111	LEAD	4	335	476	290	394
30661	68111	LEAD	4	136	199	143	189
30662	68111	LEAD	4	89	118	108	129
30664	68111	LEAD	4	480	965	397	756
30666	68111	LEAD	4	71	101	94	117
30667	68111	LEAD	4	324	460	282	383
30669	68111	LEAD	4	384	621	326	501
30670	68111	LEAD	4	224	575	207	467
30672	68111	LEAD	4	109	149	123	152
30674	68111	LEAD	4	238	401	218	339
30677	68111	LEAD	4	116	176	128	172
30679	68111	LEAD	4	390	653	330	525
30683	68111	LEAD	4	374	631	319	509
30684	68111	LEAD	4	375	647	319	521
30685	68111	LEAD	4	96	115	113	127
30686	68111	LEAD	4	355	454	304	378
30687	68111	LEAD	4	157	246	158	224
30690	68111	LEAD	4	73	94	96	111
30693	68111	LEAD	4	159	289	160	256
30694	68111	LEAD	4	163	236	162	217
30695	68111	LEAD	4	309	480	270	397
30697	68111	LEAD	4	154	273	156	244
30699	68111	LEAD	4	114	185	126	179
30700	68111	LEAD	4	78	108	100	122
30701	68111	LEAD	4	180	309	175	271
30703	68111	LEAD	4	116	225	128	208
30704	68111	LEAD	2	217	283	202	252
30707	68111	LEAD	3	175	213	172	200
30708	68111	LEAD	3	189	422	182	354
30709	68111	LEAD	4	234	265	215	238
30713	68111	LEAD	4	101	138	117	144
30714	68111	LEAD	4	220	446	205	372
30716	68111	LEAD	4	161	226	161	209
30717	68111	LEAD	4	105	150	120	153
30718	68111	LEAD	4	245	292	223	258
30722	68111	LEAD	4	74	121	96	131
30723	68111	LEAD	4	139	180	145	175
30729	68111	LEAD	4	134	169	141	167
30731	68111	LEAD	4	110	156	123	157
30732	68111	LEAD	4	183	210	178	197
30737	68111	LEAD	4	146	210	150	197
30742	68111	LEAD	4	97	141	113	146

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30743	68111	LEAD	4	102	116	117	128
30744	68111	LEAD	4	392	1212	332	939
30745	68111	LEAD	4	331	613	287	496
30746	68111	LEAD	4	159	243	159	222
30747	68111	LEAD	4	325	607	282	491
30750	68111	LEAD	4	487	692	402	554
30751	68111	LEAD	4	98	106	115	121
30752	68111	LEAD	5	517	653	424	525
30754	68111	LEAD	5	107	184	121	178
30756	68111	LEAD	5	203	672	192	539
30757	68111	LEAD	4	425	477	357	395
30761	68111	LEAD	5	231	325	213	282
30762	68111	LEAD	4	142	223	147	207
30764	68111	LEAD	4	416	475	350	393
30767	68111	LEAD	4	110	141	123	146
30768	68111	LEAD	4	110	133	124	140
30769	68111	LEAD	4	460	530	383	434
30770	68111	LEAD	4	300	439	264	367
30772	68111	LEAD	4	126	208	135	196
30773	68111	LEAD	4	111	137	124	144
30775	68111	LEAD	4	133	182	141	177
30777	68111	LEAD	4	331	552	287	450
30780	68111	LEAD	4	221	620	205	501
30781	68111	LEAD	4	104	139	119	145
30783	68111	LEAD	4	73	81	96	102
30785	68111	LEAD	4	133	169	140	167
30790	68111	LEAD	4	91	145	110	149
30793	68111	LEAD	4	290	598	256	485
30795	68111	LEAD	4	59	72	86	95
30800	68111	LEAD	4	284	400	252	338
30802	68111	LEAD	4	67	100	91	116
30804	68111	LEAD	4	212	269	199	241
30805	68111	LEAD	4	101	152	117	155
30807	68111	LEAD	4	156	187	157	180
30808	68111	LEAD	4	165	193	164	185
30812	68111	LEAD	4	133	163	140	163
30813	68111	LEAD	4	98	146	115	150
30814	68111	LEAD	4	166	195	165	187
30816	68111	LEAD	4	230	294	212	260
30817	68111	LEAD	4	85	112	105	125
30818	68111	LEAD	4	298	477	263	395
30819	68111	LEAD	4	123	177	133	173
30823	68111	LEAD	5	37	54	69	82
30824	68111	LEAD	4	90	147	108	151
30825	68111	LEAD	4	183	282	178	251

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30826	68111	LEAD	4	94	114	111	126
30829	68111	LEAD	4	75	109	98	122
30830	68111	LEAD	3	77	88	99	107
30831	68111	LEAD	4	130	166	138	165
30833	68111	LEAD	4	115	240	127	220
30835	68111	LEAD	4	163	214	163	200
30836	68111	LEAD	4	97	177	113	173
30837	68111	LEAD	4	96	141	113	147
30838	68111	LEAD	3	508	554	418	452
30841	68111	LEAD	4	207	355	195	305
30843	68111	LEAD	4	78	122	100	133
30844	68111	LEAD	4	231	319	213	278
30848	68111	LEAD	4	233	482	214	399
30849	68111	LEAD	3	271	579	243	471
30856	68111	LEAD	4	123	232	133	214
30857	68111	LEAD	4	128	159	137	160
30859	68111	LEAD	4	214	303	200	266
30861	68111	LEAD	5	144	301	148	265
30863	68111	LEAD	4	105	209	120	196
30864	68111	LEAD	4	235	539	216	441
30868	68111	LEAD	4	69	84	93	104
30871	68111	LEAD	4	95	136	112	143
30873	68111	LEAD	4	150	209	153	197
30877	68111	LEAD	4	60	78	87	100
30881	68111	LEAD	4	92	135	110	142
30882	68111	LEAD	4	135	200	142	190
30884	68111	LEAD	4	159	192	160	184
30886	68111	LEAD	5	273	400	244	338
30887	68111	LEAD	4	311	381	272	324
30888	68111	LEAD	4	70	83	93	103
30889	68111	LEAD	4	678	817	544	647
30893	68111	LEAD	4	294	391	260	331
30897	68111	LEAD	4	177	278	173	247
30898	68111	LEAD	4	347	465	299	386
30899	68111	LEAD	4	350	429	301	360
30901	68111	LEAD	4	68	85	92	105
30902	68111	LEAD	4	110	180	124	175
30903	68111	LEAD	4	209	248	197	225
30905	68111	LEAD	4	335	522	290	428
30906	68111	LEAD	4	685	2215	549	1681
30907	68111	LEAD	5	366	600	313	486
30908	68111	LEAD	4	267	350	240	301
30909	68111	LEAD	4	167	284	166	252
30911	68111	LEAD	4	299	380	264	323
30912	68111	LEAD	4	756	1900	601	1448

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30913	68111	LEAD	4	82	100	103	116
30914	68111	LEAD	4	78	100	99	116
30916	68111	LEAD	4	115	151	127	154
30917	68111	LEAD	3	429	813	359	644
30918	68111	LEAD	5	57	69	85	93
30920	68111	LEAD	4	170	233	168	215
30922	68111	LEAD	4	316	431	276	361
30923	68111	LEAD	5	122	224	133	208
30926	68111	LEAD	4	137	213	144	200
30927	68111	LEAD	4	111	145	124	149
30928	68111	LEAD	4	295	401	261	339
30929	68111	LEAD	5	202	386	191	328
30931	68111	LEAD	5	77	103	99	118
30932	68111	LEAD	4	291	572	257	465
30933	68111	LEAD	6	202	341	191	294
30935	68111	LEAD	4	93	103	111	118
30937	68111	LEAD	4	202	290	192	257
30939	68111	LEAD	4	316	1177	276	913
30941	68111	LEAD	4	133	198	140	189
30942	68111	LEAD	4	154	292	156	258
30943	68111	LEAD	4	155	288	156	255
30948	68111	LEAD	4	67	93	92	111
30949	68111	LEAD	5	260	467	234	387
30953	68111	LEAD	5	114	163	127	162
30955	68111	LEAD	4	130	228	138	211
30956	68111	LEAD	4	631	1364	509	1052
30959	68111	LEAD	4	111	149	124	152
30960	68111	LEAD	4	139	373	145	318
30962	68111	LEAD	4	244	429	223	359
30967	68111	LEAD	5	202	262	192	236
30968	68111	LEAD	1	86	86	105	105
30969	68111	LEAD	4	145	201	149	191
30970	68111	LEAD	4	440	897	368	706
30972	68111	LEAD	4	449	727	374	580
30973	68111	LEAD	4	172	239	170	219
30976	68111	LEAD	4	130	179	138	174
30978	68111	LEAD	4	157	315	158	275
30979	68111	LEAD	4	280	407	249	343
30981	68111	LEAD	4	569	958	463	751
30983	68111	LEAD	5	243	469	222	389
30984	68111	LEAD	4	125	161	134	161
30985	68111	LEAD	4	571	1142	465	887
30988	68111	LEAD	4	282	369	251	315
30989	68111	LEAD	4	175	204	172	193
30990	68111	LEAD	4	235	486	216	401

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
30991	68111	LEAD	3	199	291	189	257
30995	68111	LEAD	4	79	104	101	119
30997	68111	LEAD	4	147	340	151	293
30999	68111	LEAD	4	106	145	120	149
31001	68111	LEAD	3	329	404	285	341
31003	68111	LEAD	4	152	187	155	181
31004	68111	LEAD	4	270	363	242	310
31005	68111	LEAD	4	482	678	399	543
31007	68111	LEAD	4	82	104	103	119
31008	68111	LEAD	4	100	125	116	134
31009	68111	LEAD	4	81	109	102	123
31010	68111	LEAD	4	211	276	198	246
31011	68111	LEAD	4	335	603	290	488
31012	68111	LEAD	4	143	215	148	201
31014	68111	LEAD	3	360	438	308	366
31015	68111	LEAD	4	65	73	90	96
31016	68111	LEAD	4	105	211	120	198
31017	68111	LEAD	4	242	457	221	380
31019	68111	LEAD	4	78	122	99	132
31022	68111	LEAD	4	95	129	112	138
31026	68111	LEAD	4	99	142	115	147
31027	68111	LEAD	4	83	99	103	115
31029	68111	LEAD	4	204	352	193	303
31030	68111	LEAD	4	185	305	179	268
31031	68111	LEAD	4	380	613	324	496
31032	68111	LEAD	4	270	410	242	345
31034	68111	LEAD	3	390	454	330	378
31036	68111	LEAD	4	65	72	90	95
31037	68111	LEAD	4	319	436	278	365
31040	68111	LEAD	4	148	206	151	195
31041	68111	LEAD	4	410	661	345	531
31042	68111	LEAD	4	137	258	144	233
31044	68111	LEAD	4	325	473	282	392
31045	68111	LEAD	4	75	82	98	103
31046	68111	LEAD	5	193	378	185	322
31051	68111	LEAD	4	73	112	96	125
31052	68111	LEAD	4	113	327	125	284
31054	68111	LEAD	4	60	84	86	104
31055	68111	LEAD	5	203	362	192	310
31056	68111	LEAD	4	358	646	307	520
31057	68111	LEAD	4	173	202	170	192
31058	68111	LEAD	4	114	195	126	187
31061	68111	LEAD	4	91	154	109	156
31062	68111	LEAD	4	99	120	115	131
31065	68111	LEAD	4	73	100	96	116

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31067	68111	LEAD	4	342	734	295	585
31071	68111	LEAD	4	250	529	227	434
31072	68111	LEAD	4	108	182	122	177
31074	68111	LEAD	3	80	107	101	121
31076	68111	LEAD	4	73	109	96	123
31077	68111	LEAD	4	236	317	217	276
31078	68111	LEAD	4	39	57	71	84
31080	68111	LEAD	5	141	205	146	194
31081	68111	LEAD	4	186	289	180	256
31086	68111	LEAD	4	91	133	109	141
31088	68111	LEAD	4	324	626	282	505
31090	68111	LEAD	4	106	137	120	143
31091	68111	LEAD	3	226	300	210	264
31093	68111	LEAD	4	73	76	96	98
31095	68111	LEAD	4	293	445	259	371
31099	68111	LEAD	4	109	128	123	137
31100	68111	LEAD	4	135	183	142	178
31101	68111	LEAD	4	250	441	227	368
31102	68111	LEAD	4	184	339	178	293
31103	68111	LEAD	4	258	411	233	346
31104	68111	LEAD	4	60	83	86	103
31106	68111	LEAD	4	178	319	174	278
31107	68111	LEAD	4	95	190	112	183
31108	68111	LEAD	4	161	337	161	292
31109	68111	LEAD	4	148	166	151	165
31112	68111	LEAD	4	144	192	149	184
31113	68111	LEAD	5	98	193	114	185
31114	68111	LEAD	4	59	75	86	98
31116	68111	LEAD	4	98	118	114	129
31117	68111	LEAD	4	351	533	302	436
31118	68111	LEAD	3	62	81	88	102
31120	68111	LEAD	4	405	627	342	506
31122	68111	LEAD	4	101	113	117	125
31124	68111	LEAD	5	429	552	359	451
31125	68111	LEAD	4	152	174	154	171
31127	68111	LEAD	5	61	99	87	115
31129	68111	LEAD	4	127	195	136	187
31131	68111	LEAD	4	69	79	93	100
31133	68111	LEAD	4	97	118	114	129
31134	68111	LEAD	4	103	124	118	134
31136	68111	LEAD	4	56	67	84	92
31138	68111	LEAD	4	207	268	195	241
31139	68111	LEAD	4	155	226	157	209
31141	68111	LEAD	4	109	155	122	157
31142	68111	LEAD	4	102	152	118	155

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31143	68111	LEAD	4	95	140	113	145
31145	68111	LEAD	4	150	198	153	188
31146	68111	LEAD	4	109	169	123	167
31148	68111	LEAD	4	356	768	305	610
31152	68111	LEAD	3	188	206	181	194
31154	68111	LEAD	4	89	104	108	119
31156	68111	LEAD	4	382	835	324	660
31161	68111	LEAD	4	59	75	86	98
31162	68111	LEAD	4	349	862	300	680
31163	68111	LEAD	5	210	324	197	282
31164	68111	LEAD	4	86	102	106	117
31168	68111	LEAD	4	159	268	159	240
31169	68111	LEAD	4	111	168	124	166
31171	68111	LEAD	3	48	60	78	86
31175	68111	LEAD	5	56	83	83	103
31176	68111	LEAD	4	88	135	107	142
31178	68111	LEAD	4	136	218	143	203
31179	68111	LEAD	3	140	295	146	260
31180	68111	LEAD	3	438	617	366	499
31182	68111	LEAD	4	114	161	126	161
31183	68111	LEAD	4	153	192	155	184
31185	68111	LEAD	4	79	89	100	108
31186	68111	LEAD	4	107	206	121	195
31188	68111	LEAD	4	169	291	167	257
31189	68111	LEAD	4	527	732	432	584
31190	68111	LEAD	4	556	825	454	652
31191	68111	LEAD	4	290	381	257	324
31192	68111	LEAD	5	181	241	176	220
31198	68111	LEAD	4	741	1793	591	1369
31202	68111	LEAD	4	574	941	467	739
31203	68111	LEAD	4	603	1295	488	1000
31206	68111	LEAD	4	77	141	99	146
31207	68111	LEAD	3	482	534	399	437
31208	68111	LEAD	2	254	388	230	329
31211	68111	LEAD	4	113	192	126	184
31212	68111	LEAD	3	60	70	86	94
31213	68111	LEAD	5	582	798	472	633
31215	68111	LEAD	2	437	673	366	540
31221	68111	LEAD	5	455	704	379	563
31222	68111	LEAD	4	54	98	82	114
31225	68111	LEAD	4	243	363	222	311
31226	68111	LEAD	3	315	448	275	374
31227	68111	LEAD	4	187	256	180	232
31229	68111	LEAD	4	261	320	235	279
31232	68111	LEAD	4	296	504	261	415

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31234	68111	LEAD	4	334	576	289	468
31236	68111	LEAD	4	150	188	153	181
31237	68111	LEAD	4	336	473	291	392
31239	68111	LEAD	4	76	104	98	119
31242	68111	LEAD	4	182	288	177	255
31243	68111	LEAD	4	63	76	89	98
31246	68111	LEAD	4	541	735	442	586
31248	68111	LEAD	5	285	803	253	636
31251	68111	LEAD	4	65	105	90	120
31252	68111	LEAD	4	151	214	154	200
31253	68111	LEAD	4	274	397	245	336
31254	68111	LEAD	5	241	385	221	327
31255	68111	LEAD	4	324	580	282	471
31256	68111	LEAD	4	260	436	234	365
31257	68111	LEAD	4	531	835	435	660
31259	68111	LEAD	4	337	591	291	479
31262	68111	LEAD	4	318	488	277	403
31264	68111	LEAD	4	52	78	80	100
31265	68111	LEAD	4	383	699	325	559
31266	68111	LEAD	4	258	326	233	283
31267	68111	LEAD	3	288	349	255	301
31268	68111	LEAD	4	83	96	103	113
31269	68111	LEAD	4	182	294	177	259
31271	68111	LEAD	4	45	57	75	85
31272	68111	LEAD	4	172	348	169	300
31273	68111	LEAD	4	91	121	109	132
31274	68111	LEAD	5	289	632	255	510
31275	68111	LEAD	3	329	674	286	541
31276	68111	LEAD	2	51	55	80	83
31277	68111	LEAD	4	121	160	132	161
31280	68111	LEAD	2	208	285	196	253
31282	68111	LEAD	4	142	265	147	238
31284	68111	LEAD	4	110	134	123	141
31287	68111	LEAD	4	76	90	98	109
31291	68111	LEAD	4	71	109	95	123
31296	68111	LEAD	4	199	309	190	271
31300	68111	LEAD	4	262	388	236	329
31302	68111	LEAD	4	148	348	152	300
31303	68111	LEAD	4	259	278	234	248
31304	68111	LEAD	4	118	176	129	172
31305	68111	LEAD	3	285	398	253	337
31309	68111	LEAD	3	205	305	194	268
31310	68111	LEAD	4	389	750	330	597
31311	68111	LEAD	4	57	73	84	96
31312	68111	LEAD	4	547	943	447	740

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31313	68111	LEAD	4	90	130	109	139
31316	68111	LEAD	4	322	420	280	353
31321	68111	LEAD	4	47	75	77	97
31324	68111	LEAD	3	79	113	100	125
31325	68111	LEAD	4	488	625	403	504
31328	68111	LEAD	4	446	722	372	576
31330	68111	LEAD	5	77	92	99	110
31331	68111	LEAD	4	351	449	302	374
31333	68111	LEAD	4	114	138	127	144
31334	68111	LEAD	3	350	384	301	326
31336	68111	LEAD	4	102	215	117	201
31337	68111	LEAD	4	297	456	262	380
31338	68111	LEAD	4	469	709	389	567
31339	68111	LEAD	4	54	79	82	100
31340	68111	LEAD	4	476	601	394	487
31341	68111	LEAD	4	382	858	325	677
31344	68111	LEAD	4	214	267	200	240
31348	68111	LEAD	4	171	296	169	261
31349	68111	LEAD	4	102	148	117	152
31351	68111	LEAD	3	80	112	101	125
31352	68111	LEAD	3	93	145	111	150
31353	68111	LEAD	4	137	160	143	161
31355	68111	LEAD	4	158	223	159	207
31356	68111	LEAD	4	150	317	153	276
31357	68111	LEAD	4	407	471	343	390
31358	68111	LEAD	4	91	116	109	128
31360	68111	LEAD	3	86	120	105	131
31361	68111	LEAD	5	510	923	419	725
31362	68111	LEAD	4	245	635	223	512
31363	68111	LEAD	4	176	267	172	240
31364	68111	LEAD	4	115	163	127	163
31365	68111	LEAD	2	97	122	113	132
31366	68111	LEAD	4	534	718	437	573
31368	68111	LEAD	4	132	205	139	193
31370	68111	LEAD	2	329	498	285	410
31372	68111	LEAD	3	635	740	512	590
31373	68111	LEAD	4	123	160	133	161
31374	68111	LEAD	3	66	84	91	104
31375	68111	LEAD	3	919	1089	722	848
31376	68111	LEAD	4	139	206	145	194
31377	68111	LEAD	5	190	266	183	239
31378	68111	LEAD	4	363	416	311	350
31379	68111	LEAD	4	303	491	266	405
31381	68111	LEAD	4	299	802	263	635
31382	68111	LEAD	4	346	741	298	590

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31386	68111	LEAD	4	113	154	126	156
31387	68111	LEAD	4	128	188	137	181
31390	68111	LEAD	4	375	599	319	485
31393	68111	LEAD	4	148	186	151	180
31395	68111	LEAD	4	185	240	179	220
31397	68111	LEAD	3	70	111	93	124
31398	68111	LEAD	4	169	245	167	223
31400	68111	LEAD	4	227	321	210	280
31403	68111	LEAD	4	108	196	122	187
31408	68111	LEAD	4	75	113	97	126
31409	68111	LEAD	4	135	147	142	151
31411	68111	LEAD	2	186	202	180	191
31413	68111	LEAD	2	609	658	493	529
31414	68111	LEAD	4	171	280	169	249
31415	68111	LEAD	4	136	187	143	181
31416	68111	LEAD	3	84	150	104	153
31417	68111	LEAD	4	95	140	113	146
31418	68111	LEAD	4	206	265	194	238
31419	68111	LEAD	4	206	379	194	322
31420	68111	LEAD	4	61	122	87	132
31421	68111	LEAD	4	292	596	258	483
31423	68111	LEAD	4	179	299	174	263
31425	68111	LEAD	4	456	853	380	673
31426	68111	LEAD	4	244	293	222	259
31427	68111	LEAD	4	71	136	94	142
31429	68111	LEAD	4	87	107	106	121
31430	68111	LEAD	4	188	294	181	259
31431	68111	LEAD	5	88	123	107	133
31432	68111	LEAD	4	253	285	229	253
31433	68111	LEAD	4	197	343	188	296
31434	68111	LEAD	4	63	85	88	105
31435	68111	LEAD	4	111	274	124	245
31436	68111	LEAD	4	314	411	274	346
31437	68111	LEAD	4	168	259	166	234
31438	68111	LEAD	4	154	215	156	201
31439	68111	LEAD	4	338	692	292	554
31440	68111	LEAD	4	56	64	83	89
31441	68111	LEAD	4	144	202	149	192
31442	68111	LEAD	4	98	155	115	157
31443	68111	LEAD	4	124	139	134	145
31444	68111	LEAD	3	259	568	234	462
31445	68111	LEAD	4	135	210	142	197
31446	68111	LEAD	4	179	222	175	206
31447	68111	LEAD	3	72	90	95	109
31449	68111	LEAD	4	204	269	193	241

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31450	68111	LEAD	4	657	1082	529	842
31451	68111	LEAD	5	103	167	118	166
31452	68111	LEAD	4	179	246	175	224
31453	68111	LEAD	4	137	203	143	192
31454	68111	LEAD	3	198	240	189	220
31455	68111	LEAD	4	65	82	90	102
31456	68111	LEAD	4	82	108	103	122
31457	68111	LEAD	4	397	614	336	496
31458	68111	LEAD	4	357	556	306	454
31463	68111	LEAD	4	490	606	405	491
31464	68111	LEAD	3	320	426	279	357
31465	68111	LEAD	4	47	88	77	107
31467	68111	LEAD	4	123	163	133	163
31468	68111	LEAD	4	270	610	242	493
31469	68111	LEAD	4	108	184	122	179
31470	68111	LEAD	4	380	507	323	417
31471	68111	LEAD	4	515	961	423	753
31473	68111	LEAD	5	178	482	174	399
31476	68111	LEAD	4	176	257	173	232
31478	68111	LEAD	4	355	503	304	414
31479	68111	LEAD	5	154	448	156	373
31480	68111	LEAD	4	104	184	119	178
31481	68111	LEAD	4	103	147	118	151
31483	68111	LEAD	4	85	145	105	149
31484	68111	LEAD	4	499	726	411	580
31485	68111	LEAD	4	127	230	136	213
31487	68111	LEAD	4	345	555	297	453
31488	68111	LEAD	4	117	175	129	171
31489	68111	LEAD	4	786	1214	624	941
31491	68111	LEAD	4	229	262	212	236
31494	68111	LEAD	4	151	187	153	180
31495	68111	LEAD	4	465	631	386	509
31498	68111	LEAD	4	238	311	218	272
31499	68111	LEAD	4	51	62	80	88
31500	68111	LEAD	4	387	455	328	379
31501	68111	LEAD	3	58	82	85	102
31505	68111	LEAD	3	71	109	94	122
31506	68111	LEAD	4	74	81	97	102
31507	68111	LEAD	4	277	310	247	271
31509	68111	LEAD	4	444	686	371	549
31510	68111	LEAD	4	57	76	84	98
31515	68111	LEAD	4	105	125	119	134
31516	68111	LEAD	4	465	573	386	466
31517	68111	LEAD	4	567	1851	461	1412
31519	68111	LEAD	5	125	282	134	251

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31520	68111	LEAD	4	57	72	84	96
31522	68111	LEAD	5	83	113	104	126
31525	68111	LEAD	4	82	121	103	132
31527	68111	LEAD	4	108	159	122	159
31528	68111	LEAD	4	313	531	273	435
31529	68111	LEAD	4	211	262	198	236
31532	68111	LEAD	3	65	72	90	96
31533	68111	LEAD	4	53	97	81	114
31534	68111	LEAD	4	90	104	109	119
31540	68111	LEAD	4	224	417	208	350
31541	68111	LEAD	4	73	99	96	115
31544	68111	LEAD	4	111	162	124	162
31546	68111	LEAD	4	159	269	159	241
31547	68111	LEAD	4	96	158	113	159
31548	68111	LEAD	4	118	181	129	176
31553	68111	LEAD	4	96	134	113	141
31555	68111	LEAD	4	157	392	158	332
31558	68111	LEAD	4	542	641	443	516
31560	68111	LEAD	4	72	104	95	119
31561	68111	LEAD	5	112	174	125	171
31565	68111	LEAD	4	139	317	145	277
31566	68111	LEAD	4	329	424	285	355
31567	68111	LEAD	4	333	479	288	397
31569	68111	LEAD	3	484	675	400	541
31572	68111	LEAD	4	199	468	190	389
31574	68111	LEAD	4	486	633	401	510
31576	68111	LEAD	3	548	920	447	723
31577	68111	LEAD	4	142	214	147	201
31581	68111	LEAD	4	42	67	73	92
31582	68111	LEAD	4	159	284	159	252
31583	68111	LEAD	4	137	191	144	183
31585	68111	LEAD	4	196	241	187	220
31586	68111	LEAD	4	476	733	394	584
31588	68111	LEAD	4	159	211	160	198
31589	68111	LEAD	4	98	123	114	133
31591	68111	LEAD	4	193	219	185	204
31593	68111	LEAD	2	212	227	199	210
31595	68111	LEAD	4	296	496	261	409
31597	68111	LEAD	4	394	787	334	624
31598	68111	LEAD	3	220	382	205	325
31599	68111	LEAD	4	183	230	177	212
31600	68111	LEAD	4	169	273	167	244
31602	68111	LEAD	4	89	105	108	120
31603	68111	LEAD	4	1203	2042	932	1553
31604	68111	LEAD	4	71	105	94	120

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31606	68111	LEAD	3	162	228	162	211
31607	68111	LEAD	4	766	1589	609	1218
31608	68111	LEAD	4	158	210	159	197
31612	68111	LEAD	4	187	259	180	234
31613	68111	LEAD	2	326	331	284	287
31615	68111	LEAD	5	217	504	202	415
31616	68111	LEAD	3	249	267	227	239
31617	68111	LEAD	4	318	650	278	523
31618	68111	LEAD	4	107	135	121	142
31619	68111	LEAD	4	98	114	115	126
31620	68111	LEAD	5	375	502	319	413
31622	68111	LEAD	4	205	476	193	394
31624	68111	LEAD	4	165	272	164	244
31626	68111	LEAD	4	70	109	94	123
31627	68111	LEAD	4	218	295	203	260
31628	68111	LEAD	4	114	140	126	145
31629	68111	LEAD	4	391	441	331	368
31631	68111	LEAD	4	496	893	409	703
31635	68111	LEAD	4	102	162	118	162
31636	68111	LEAD	5	192	286	184	253
31638	68111	LEAD	4	61	74	87	97
31640	68111	LEAD	3	101	131	117	139
31641	68111	LEAD	4	243	315	222	275
31643	68111	LEAD	4	71	98	95	115
31644	68111	LEAD	4	459	718	382	573
31646	68111	LEAD	4	86	101	106	117
31647	68111	LEAD	4	83	99	103	115
31650	68111	LEAD	4	277	347	247	298
31651	68111	LEAD	4	130	260	138	235
31654	68111	LEAD	4	138	192	144	184
31655	68111	LEAD	4	60	74	87	97
31656	68111	LEAD	4	275	364	246	312
31659	68111	LEAD	5	71	114	94	127
31660	68111	LEAD	4	426	635	357	512
31661	68111	LEAD	4	179	285	174	253
31662	68111	LEAD	4	64	85	89	105
31664	68111	LEAD	4	179	256	174	232
31666	68111	LEAD	4	254	405	230	342
31668	68111	LEAD	4	220	351	205	302
31670	68111	LEAD	5	87	114	106	126
31671	68111	LEAD	4	173	340	170	294
31672	68111	LEAD	4	449	836	374	661
31674	68111	LEAD	4	244	378	223	321
31678	68111	LEAD	4	91	126	110	136
31679	68111	LEAD	4	116	140	128	145

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31680	68111	LEAD	4	372	679	318	545
31681	68111	LEAD	4	83	125	103	134
31682	68111	LEAD	4	80	124	101	134
31683	68111	LEAD	4	77	90	99	109
31686	68111	LEAD	4	76	107	99	121
31691	68111	LEAD	4	147	416	151	350
31692	68111	LEAD	4	90	120	109	131
31694	68111	LEAD	4	221	291	206	257
31695	68111	LEAD	4	124	173	134	170
31697	68111	LEAD	4	88	127	107	136
31698	68111	LEAD	4	63	91	88	109
31699	68111	LEAD	4	80	121	101	131
31700	68111	LEAD	4	269	543	241	444
31702	68111	LEAD	4	60	63	87	88
31704	68111	LEAD	4	51	74	80	97
31707	68111	LEAD	5	97	131	114	139
31708	68111	LEAD	4	84	93	104	111
31710	68111	LEAD	5	50	57	79	84
31711	68111	LEAD	3	165	229	164	211
31712	68111	LEAD	3	318	398	277	337
31713	68111	LEAD	4	254	504	230	415
31714	68111	LEAD	4	112	202	125	191
31715	68111	LEAD	4	115	186	127	179
31716	68111	LEAD	4	49	67	78	92
31717	68111	LEAD	4	92	114	110	126
31718	68111	LEAD	4	113	193	126	185
31721	68111	LEAD	4	133	225	140	208
31722	68111	LEAD	3	306	499	269	411
31723	68111	LEAD	4	192	335	184	290
31724	68111	LEAD	3	198	271	188	242
31725	68111	LEAD	5	110	181	123	176
31728	68111	LEAD	3	92	98	110	114
31729	68111	LEAD	4	109	148	123	152
31732	68111	LEAD	4	155	200	156	190
31733	68111	LEAD	4	71	155	95	157
31734	68111	LEAD	4	363	667	311	536
31735	68111	LEAD	4	363	499	311	411
31736	68111	LEAD	4	439	657	367	529
31740	68111	LEAD	4	64	97	89	114
31741	68111	LEAD	4	168	324	166	282
31742	68111	LEAD	4	419	779	352	618
31744	68111	LEAD	4	308	420	270	353
31746	68111	LEAD	4	208	314	196	274
31747	68111	LEAD	4	58	67	85	92
31748	68111	LEAD	4	99	128	115	137

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31750	68111	LEAD	4	311	599	272	486
31751	68111	LEAD	4	66	80	91	101
31752	68111	LEAD	4	274	380	244	323
31754	68111	LEAD	4	114	158	126	159
31755	68111	LEAD	4	56	60	83	86
31756	68111	LEAD	4	340	378	293	322
31758	68111	LEAD	4	439	648	367	521
31759	68111	LEAD	4	291	320	257	279
31762	68111	LEAD	3	301	430	264	360
31763	68111	LEAD	4	180	205	175	194
31764	68111	LEAD	4	497	881	410	694
31765	68111	LEAD	4	225	268	208	240
31766	68111	LEAD	5	369	640	315	516
31769	68111	LEAD	4	208	383	196	326
31770	68111	LEAD	3	239	292	219	258
31771	68111	LEAD	3	457	718	380	573
31772	68111	LEAD	4	118	174	129	171
31773	68111	LEAD	4	111	127	124	136
31774	68111	LEAD	4	60	107	86	121
31775	68111	LEAD	4	294	347	259	299
31776	68111	LEAD	4	190	277	183	247
31777	68111	LEAD	3	250	380	227	323
31778	68111	LEAD	3	63	71	89	95
31779	68111	LEAD	4	421	813	353	644
31780	68111	LEAD	5	188	313	181	274
31783	68111	LEAD	4	310	398	272	337
31784	68111	LEAD	4	300	647	264	521
31785	68111	LEAD	4	185	242	179	221
31786	68111	LEAD	4	99	152	115	154
31788	68111	LEAD	4	60	80	86	101
31789	68111	LEAD	4	103	148	118	151
31790	68111	LEAD	2	131	147	139	151
31791	68111	LEAD	4	305	486	268	402
31792	68111	LEAD	4	236	390	217	330
31793	68111	LEAD	4	105	138	120	144
31794	68111	LEAD	4	203	388	192	329
31795	68111	LEAD	4	63	79	88	101
31796	68111	LEAD	3	127	135	136	142
31797	68111	LEAD	4	80	126	101	135
31799	68111	LEAD	4	246	382	224	325
31800	68111	LEAD	3	58	64	85	89
31801	68111	LEAD	4	780	1206	619	935
31803	68111	LEAD	4	79	109	100	123
31804	68111	LEAD	4	249	431	226	361
31805	68111	LEAD	4	79	132	100	140

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31806	68111	LEAD	4	71	101	94	117
31808	68111	LEAD	4	2112	4426	1605	3317
31809	68111	LEAD	4	73	100	96	116
31810	68111	LEAD	4	96	149	113	152
31811	68111	LEAD	4	112	163	125	162
31812	68111	LEAD	4	165	228	164	211
31813	68111	LEAD	4	222	284	206	252
31816	68111	LEAD	4	46	92	76	110
31817	68111	LEAD	4	40	46	72	76
31819	68111	LEAD	4	307	652	269	525
31821	68111	LEAD	4	78	110	100	123
31822	68111	LEAD	4	119	187	130	180
31823	68111	LEAD	4	85	134	105	141
31824	68111	LEAD	4	145	219	150	204
31825	68111	LEAD	4	50	68	79	92
31826	68111	LEAD	3	178	235	174	216
31827	68111	LEAD	4	80	99	101	115
31828	68111	LEAD	5	134	238	141	218
31831	68111	LEAD	4	218	402	203	340
31835	68111	LEAD	4	112	165	125	164
31836	68111	LEAD	4	189	292	182	258
31838	68111	LEAD	4	124	298	134	262
31839	68111	LEAD	4	115	134	127	141
31840	68111	LEAD	4	285	420	253	353
31841	68111	LEAD	4	429	787	359	624
31843	68111	LEAD	4	293	387	259	329
31844	68111	LEAD	4	84	92	104	110
31845	68111	LEAD	4	81	114	102	126
31846	68111	LEAD	4	70	97	94	114
31847	68111	LEAD	3	234	272	215	244
31848	68111	LEAD	4	719	1532	574	1175
31849	68111	LEAD	5	118	158	129	159
31850	68111	LEAD	4	217	258	203	233
31851	68111	LEAD	4	194	276	186	246
31852	68111	LEAD	4	161	309	161	271
31853	68111	LEAD	3	241	312	221	273
31854	68111	LEAD	4	122	154	133	156
31856	68111	LEAD	3	54	77	82	99
31858	68111	LEAD	3	119	154	130	156
31859	68111	LEAD	4	75	83	98	103
31860	68111	LEAD	4	63	80	88	101
31861	68111	LEAD	4	148	200	151	190
31862	68111	LEAD	4	142	160	147	161
31864	68111	LEAD	3	58	87	85	107
31865	68111	LEAD	4	68	102	92	117

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31868	68111	LEAD	4	81	164	102	164
31869	68111	LEAD	4	102	123	117	133
31871	68111	LEAD	4	73	98	96	114
31872	68111	LEAD	4	66	72	91	95
31873	68111	LEAD	4	407	751	343	598
31874	68111	LEAD	4	483	772	400	613
31875	68111	LEAD	4	179	263	174	236
31876	68111	LEAD	4	106	116	120	128
31878	68111	LEAD	4	103	135	118	142
31879	68111	LEAD	4	191	295	183	260
31880	68111	LEAD	4	145	159	150	160
31882	68111	LEAD	4	86	119	106	130
31887	68111	LEAD	4	180	234	175	215
31889	68111	LEAD	4	118	217	129	203
31891	68111	LEAD	4	64	66	89	90
31892	68111	LEAD	4	125	247	134	225
31894	68111	LEAD	4	174	209	171	197
31895	68111	LEAD	3	330	403	287	340
31896	68111	LEAD	5	128	155	137	156
31899	68111	LEAD	4	154	240	156	220
31901	68111	LEAD	4	81	106	102	121
31904	68111	LEAD	4	80	157	101	158
31906	68111	LEAD	4	273	352	244	302
31907	68111	LEAD	4	69	120	93	131
31908	68111	LEAD	4	130	170	139	168
31910	68111	LEAD	4	130	193	138	185
31911	68111	LEAD	6	88	110	107	124
31913	68111	LEAD	4	91	109	109	122
31915	68111	LEAD	4	98	121	114	131
31916	68111	LEAD	5	554	881	452	694
31919	68111	LEAD	4	111	144	124	148
31921	68111	LEAD	4	249	399	226	337
31922	68111	LEAD	4	108	179	122	175
31923	68111	LEAD	4	148	178	152	174
31924	68111	LEAD	4	127	211	136	198
31925	68111	LEAD	4	370	536	316	438
31927	68111	LEAD	4	224	464	208	386
31928	68111	LEAD	4	89	138	108	144
31929	68111	LEAD	4	289	469	256	389
31930	68111	LEAD	4	172	262	169	236
31932	68111	LEAD	3	887	2019	698	1536
31935	68111	LEAD	4	139	195	145	186
31936	68111	LEAD	4	89	102	108	117
31938	68111	LEAD	4	84	117	104	129
31940	68111	LEAD	4	88	105	107	120

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
31941	68111	LEAD	4	172	270	169	242
31943	68111	LEAD	4	146	189	150	182
31944	68111	LEAD	4	86	115	105	127
31945	68111	LEAD	4	361	679	309	545
31946	68111	LEAD	3	289	365	256	312
31947	68111	LEAD	4	162	260	162	234
31949	68111	LEAD	4	341	557	294	454
31952	68111	LEAD	4	357	861	306	679
31955	68111	LEAD	4	140	185	146	179
31960	68111	LEAD	4	501	529	413	434
31961	68111	LEAD	4	374	488	318	403
31964	68111	LEAD	2	350	457	301	380
31965	68111	LEAD	4	317	396	277	335
31967	68111	LEAD	4	184	264	178	237
31968	68111	LEAD	4	531	867	435	684
31970	68111	LEAD	4	257	358	232	307
31972	68111	LEAD	4	83	122	103	132
31973	68111	LEAD	4	48	55	78	83
31974	68111	LEAD	4	66	107	91	121
31975	68111	LEAD	4	206	408	194	344
31976	68111	LEAD	5	137	172	143	169
31977	68111	LEAD	4	111	153	124	155
31978	68111	LEAD	4	361	687	309	550
31980	68111	LEAD	5	245	371	223	316
31981	68111	LEAD	4	266	407	239	343
31983	68111	LEAD	4	74	97	97	114
31985	68111	LEAD	5	241	349	220	300
31986	68111	LEAD	4	480	775	397	615
31987	68111	LEAD	4	85	96	105	113
31988	68111	LEAD	4	275	337	245	292
31991	68111	LEAD	4	335	525	290	431
31994	68111	LEAD	4	383	638	325	514
31996	68111	LEAD	4	153	238	155	218
31998	68111	LEAD	4	138	221	144	205
31999	68111	LEAD	3	212	345	199	298
32000	68111	LEAD	4	188	307	181	269
32001	68111	LEAD	4	138	224	144	208
32003	68111	LEAD	3	159	254	160	230
32005	68111	LEAD	4	80	125	101	135
32006	68111	LEAD	4	137	183	143	178
32007	68111	LEAD	4	282	319	251	278
32011	68111	LEAD	4	75	84	97	104
32012	68111	LEAD	4	126	152	135	155
32013	68111	LEAD	4	350	692	301	554
32014	68111	LEAD	4	446	1070	372	834

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32015	68111	LEAD	4	94	135	112	142
32016	68111	LEAD	4	169	326	167	283
32017	68111	LEAD	4	117	180	129	175
32018	68111	LEAD	2	47	54	77	82
32020	68111	LEAD	4	131	198	139	189
32021	68111	LEAD	3	61	76	87	98
32022	68111	LEAD	4	237	295	217	260
32023	68111	LEAD	3	242	302	221	265
32024	68111	LEAD	2	101	128	117	137
32025	68111	LEAD	4	281	610	250	494
32026	68111	LEAD	4	92	133	110	140
32028	68111	LEAD	4	279	465	249	386
32030	68111	LEAD	4	498	661	411	531
32033	68111	LEAD	4	135	301	142	265
32034	68111	LEAD	4	165	247	164	225
32036	68111	LEAD	4	107	181	121	176
32038	68111	LEAD	4	136	162	143	162
32040	68111	LEAD	4	780	871	619	686
32041	68111	LEAD	4	246	339	224	293
32042	68111	LEAD	4	94	114	112	126
32045	68111	LEAD	3	140	174	146	171
32046	68111	LEAD	4	335	453	290	377
32047	68111	LEAD	4	73	81	96	102
32048	68111	LEAD	5	124	199	134	190
32049	68111	LEAD	4	119	176	130	172
32050	68111	LEAD	5	335	628	290	507
32051	68111	LEAD	4	83	109	103	123
32052	68111	LEAD	4	146	209	150	196
32053	68111	LEAD	4	203	302	192	266
32055	68111	LEAD	4	760	2292	605	1738
32057	68111	LEAD	5	274	357	244	306
32058	68111	LEAD	4	193	284	185	252
32059	68111	LEAD	4	317	393	276	333
32061	68111	LEAD	4	122	213	133	200
32064	68111	LEAD	1	227	227	210	210
32065	68111	LEAD	3	243	486	222	402
32066	68111	LEAD	4	236	650	216	523
32067	68111	LEAD	5	83	130	104	138
32070	68111	LEAD	5	157	204	158	193
32073	68111	LEAD	2	902	1001	709	783
32075	68111	LEAD	3	68	91	92	109
32077	68111	LEAD	4	130	167	139	165
32079	68111	LEAD	4	157	273	158	244
32081	68111	LEAD	4	173	355	170	305
32085	68111	LEAD	4	114	137	126	144

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32087	68111	LEAD	4	296	461	261	383
32089	68111	LEAD	4	235	324	216	282
32090	68111	LEAD	4	253	355	229	305
32091	68111	LEAD	4	208	309	196	270
32092	68111	LEAD	4	393	525	333	430
32093	68111	LEAD	4	62	91	88	109
32095	68111	LEAD	4	293	709	258	566
32096	68111	LEAD	4	77	88	99	107
32097	68111	LEAD	4	475	1579	394	1210
32098	68111	LEAD	3	411	514	346	422
32101	68111	LEAD	4	213	326	199	283
32102	68111	LEAD	4	278	345	248	298
32103	68111	LEAD	4	343	560	296	456
32104	68111	LEAD	4	445	810	372	641
32105	68111	LEAD	4	92	202	110	192
32107	68111	LEAD	4	144	208	149	196
32108	68111	LEAD	4	81	160	102	160
32109	68111	LEAD	4	520	841	427	664
32110	68111	LEAD	4	85	113	105	126
32111	68111	LEAD	3	330	640	286	516
32112	68111	LEAD	4	72	101	95	117
32114	68111	LEAD	4	108	157	122	158
32115	68111	LEAD	4	76	108	98	122
32116	68111	LEAD	4	88	101	107	117
32117	68111	LEAD	4	86	106	106	120
32119	68111	LEAD	4	338	420	292	353
32120	68111	LEAD	5	264	379	237	323
32123	68111	LEAD	4	158	209	159	196
32124	68111	LEAD	4	361	489	309	404
32125	68111	LEAD	4	211	317	198	276
32126	68111	LEAD	5	277	504	247	415
32128	68111	LEAD	4	251	439	227	367
32129	68111	LEAD	4	285	728	253	581
32131	68111	LEAD	4	138	153	144	156
32133	68111	LEAD	4	284	351	252	302
32134	68111	LEAD	4	77	133	99	141
32136	68111	LEAD	4	647	883	521	695
32137	68111	LEAD	3	438	536	366	439
32138	68111	LEAD	4	244	325	223	283
32139	68111	LEAD	4	242	270	221	242
32140	68111	LEAD	3	470	543	390	444
32147	68111	LEAD	4	131	207	139	195
32148	68111	LEAD	5	363	570	310	464
32149	68111	LEAD	5	86	208	106	196
32152	68111	LEAD	4	78	103	100	118

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32153	68111	LEAD	4	84	94	104	112
32154	68111	LEAD	4	102	146	118	150
32155	68111	LEAD	4	266	394	239	334
32156	68111	LEAD	4	73	84	96	104
32159	68111	LEAD	4	702	887	561	698
32160	68111	LEAD	4	378	542	322	443
32161	68111	LEAD	4	93	159	111	160
32162	68111	LEAD	5	107	164	121	164
32163	68111	LEAD	4	92	145	110	149
32164	68111	LEAD	4	219	426	204	357
32166	68111	LEAD	5	362	747	310	595
32167	68111	LEAD	4	94	141	111	146
32168	68111	LEAD	4	45	58	75	85
32169	68111	LEAD	4	83	106	103	120
32170	68111	LEAD	3	73	85	96	105
32172	68111	LEAD	4	181	326	176	283
32177	68111	LEAD	4	148	183	151	177
32178	68111	LEAD	4	161	197	161	187
32179	68111	LEAD	4	77	99	99	115
32180	68111	LEAD	4	206	444	194	371
32181	68111	LEAD	4	72	85	96	105
32182	68111	LEAD	3	112	149	125	152
32183	68111	LEAD	4	103	135	118	142
32184	68111	LEAD	4	94	129	111	137
32185	68111	LEAD	4	135	227	142	210
32186	68111	LEAD	4	156	233	157	214
32187	68111	LEAD	4	149	201	152	191
32189	68111	LEAD	4	57	77	84	99
32190	68111	LEAD	4	113	153	125	155
32193	68111	LEAD	6	216	389	202	330
32194	68111	LEAD	4	190	303	182	266
32196	68111	LEAD	4	124	265	133	238
32197	68111	LEAD	4	92	127	110	136
32198	68111	LEAD	4	86	127	106	136
32200	68111	LEAD	4	81	132	102	139
32204	68111	LEAD	4	471	677	391	543
32205	68111	LEAD	4	185	365	179	312
32208	68111	LEAD	4	64	106	89	121
32209	68111	LEAD	5	138	172	144	169
32210	68111	LEAD	4	81	98	102	114
32212	68111	LEAD	4	92	119	110	130
32213	68111	LEAD	4	232	321	214	280
32218	68111	LEAD	4	115	151	127	154
32219	68111	LEAD	4	80	109	101	123
32221	68111	LEAD	4	115	213	127	200

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32222	68111	LEAD	4	62	84	88	104
32224	68111	LEAD	4	81	117	102	128
32225	68111	LEAD	3	212	317	199	277
32226	68111	LEAD	4	93	112	111	125
32227	68111	LEAD	4	427	554	358	452
32228	68111	LEAD	4	78	105	99	120
32230	68111	LEAD	5	106	183	121	177
32231	68111	LEAD	4	299	585	263	475
32232	68111	LEAD	4	110	132	124	140
32233	68111	LEAD	4	112	161	125	161
32234	68111	LEAD	4	78	94	100	111
32235	68111	LEAD	4	102	196	117	187
32237	68111	LEAD	4	203	228	192	211
32239	68111	LEAD	4	116	138	128	144
32240	68111	LEAD	4	84	124	104	134
32241	68111	LEAD	4	246	317	224	276
32243	68111	LEAD	4	48	55	77	83
32244	68111	LEAD	4	184	320	178	279
32246	68111	LEAD	4	116	181	128	176
32248	68111	LEAD	4	253	330	229	286
32249	68111	LEAD	4	121	168	132	167
32250	68111	LEAD	4	362	592	310	480
32251	68111	LEAD	4	370	499	316	411
32252	68111	LEAD	4	269	577	241	469
32253	68111	LEAD	4	105	138	119	144
32255	68111	LEAD	4	126	196	135	187
32256	68111	LEAD	4	411	578	346	470
32260	68111	LEAD	5	182	310	177	272
32261	68111	LEAD	3	365	728	312	581
32262	68111	LEAD	4	569	720	463	575
32263	68111	LEAD	3	243	316	222	276
32264	68111	LEAD	4	388	575	329	467
32265	68111	LEAD	4	215	384	201	326
32266	68111	LEAD	4	151	210	154	197
32267	68111	LEAD	4	68	95	93	112
32270	68111	LEAD	4	462	674	384	541
32272	68111	LEAD	4	378	594	322	481
32274	68111	LEAD	4	205	262	194	236
32276	68111	LEAD	4	747	2714	595	2051
32277	68111	LEAD	4	330	538	286	440
32278	68111	LEAD	4	150	272	153	244
32279	68111	LEAD	4	49	55	78	83
32280	68111	LEAD	4	344	831	296	657
32281	68111	LEAD	4	66	84	91	104
32282	68111	LEAD	4	63	85	89	105

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32283	68111	LEAD	3	56	89	83	108
32284	68111	LEAD	4	207	322	195	281
32285	68111	LEAD	4	398	626	337	505
32286	68111	LEAD	3	197	415	188	349
32287	68111	LEAD	4	227	449	210	374
32288	68111	LEAD	5	54	98	82	114
32289	68111	LEAD	4	34	42	67	73
32291	68111	LEAD	4	188	463	181	385
32293	68111	LEAD	4	130	169	138	167
32296	68111	LEAD	4	158	278	159	248
32297	68111	LEAD	4	114	141	126	147
32300	68111	LEAD	4	100	115	116	127
32303	68111	LEAD	4	168	236	167	216
32304	68111	LEAD	4	183	268	177	240
32305	68111	LEAD	4	83	105	104	120
32306	68111	LEAD	4	99	115	116	127
32307	68111	LEAD	4	97	115	114	127
32308	68111	LEAD	4	48	77	78	99
32309	68111	LEAD	4	141	159	146	159
32311	68111	LEAD	4	153	161	155	161
32314	68111	LEAD	5	278	404	248	341
32315	68111	LEAD	4	131	235	139	216
32316	68111	LEAD	4	316	358	276	307
32318	68111	LEAD	4	57	90	84	109
32319	68111	LEAD	4	52	59	80	85
32320	68111	LEAD	4	200	481	190	398
32321	68111	LEAD	3	197	219	188	204
32322	68111	LEAD	4	99	235	116	216
32324	68111	LEAD	4	100	126	116	136
32325	68111	LEAD	4	99	113	115	126
32326	68111	LEAD	4	54	69	82	93
32327	68111	LEAD	2	147	190	151	183
32328	68111	LEAD	3	172	287	169	254
32330	68111	LEAD	4	138	285	144	253
32331	68111	LEAD	3	337	420	291	353
32332	68111	LEAD	4	74	105	97	120
32334	68111	LEAD	4	86	129	105	138
32335	68111	LEAD	4	111	132	124	139
32336	68111	LEAD	4	60	82	86	102
32337	68111	LEAD	4	138	190	144	182
32338	68111	LEAD	4	177	280	173	249
32339	68111	LEAD	4	129	218	137	204
32340	68111	LEAD	4	87	112	106	125
32341	68111	LEAD	4	74	176	97	172
32342	68111	LEAD	4	37	50	69	79

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32345	68111	LEAD	4	96	115	113	127
32346	68111	LEAD	4	119	131	130	139
32347	68111	LEAD	4	59	82	86	103
32348	68111	LEAD	1	79	79	101	101
32349	68111	LEAD	4	32	37	65	70
32350	68111	LEAD	5	94	205	111	194
32351	68111	LEAD	4	284	329	252	285
32352	68111	LEAD	4	45	65	75	90
32353	68111	LEAD	5	302	435	266	364
32355	68111	LEAD	4	73	107	96	121
32358	68111	LEAD	4	249	291	226	257
32359	68111	LEAD	3	74	97	96	113
32360	68111	LEAD	4	60	62	86	88
32364	68111	LEAD	4	101	140	117	146
32365	68111	LEAD	4	112	156	125	158
32367	68111	LEAD	4	60	75	86	97
32368	68111	LEAD	5	224	352	208	303
32369	68111	LEAD	4	280	385	249	327
32370	68111	LEAD	3	49	56	79	84
32372	68111	LEAD	4	168	293	166	259
32375	68111	LEAD	4	427	524	358	430
32377	68111	LEAD	4	85	139	105	145
32378	68111	LEAD	4	112	189	125	182
32379	68111	LEAD	4	425	678	357	544
32380	68111	LEAD	3	62	78	88	99
32381	68111	LEAD	4	237	291	217	257
32382	68111	LEAD	4	81	97	102	114
32384	68111	LEAD	4	338	565	292	460
32385	68111	LEAD	4	80	87	101	106
32386	68111	LEAD	4	159	232	160	213
32388	68111	LEAD	4	54	70	82	94
32390	68111	LEAD	4	28	33	63	66
32391	68111	LEAD	4	209	338	197	292
32393	68111	LEAD	4	198	428	189	359
32395	68111	LEAD	4	291	520	257	427
32396	68111	LEAD	4	69	80	93	101
32398	68111	LEAD	4	97	121	114	131
32399	68111	LEAD	4	168	234	166	215
32400	68111	LEAD	4	95	116	112	128
32403	68111	LEAD	4	130	159	138	160
32405	68111	LEAD	4	73	95	96	113
32407	68111	LEAD	4	81	115	102	127
32409	68111	LEAD	4	51	71	80	95
32410	68111	LEAD	4	68	75	92	98
32411	68111	LEAD	4	300	354	264	304

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32412	68111	LEAD	4	135	191	142	183
32414	68111	LEAD	4	450	927	375	728
32415	68111	LEAD	5	59	76	85	99
32416	68111	LEAD	4	262	492	236	406
32417	68111	LEAD	4	201	259	191	233
32418	68111	LEAD	4	414	632	348	510
32419	68111	LEAD	4	186	319	180	278
32420	68111	LEAD	4	54	69	82	93
32421	68111	LEAD	4	60	70	87	94
32425	68111	LEAD	5	344	642	297	517
32427	68111	LEAD	4	172	321	170	279
32428	68111	LEAD	4	130	202	138	191
32429	68111	LEAD	4	222	413	206	348
32430	68111	LEAD	4	514	857	422	676
32431	68111	LEAD	4	86	124	105	134
32432	68111	LEAD	3	122	245	132	223
32434	68111	LEAD	4	84	98	105	114
32435	68111	LEAD	4	442	550	369	449
32436	68111	LEAD	5	82	162	103	162
32437	68111	LEAD	4	314	482	274	399
32438	68111	LEAD	4	76	99	98	115
32441	68111	LEAD	4	128	165	137	164
32442	68111	LEAD	4	190	267	182	240
32443	68111	LEAD	4	64	79	90	101
32444	68111	LEAD	4	298	367	263	313
32445	68111	LEAD	4	70	120	94	131
32447	68111	LEAD	5	465	671	386	538
32449	68111	LEAD	5	476	837	394	661
32450	68111	LEAD	2	290	334	257	289
32451	68111	LEAD	4	89	103	108	118
32452	68111	LEAD	3	67	69	92	93
32453	68111	LEAD	4	341	485	294	401
32454	68111	LEAD	2	416	430	350	360
32455	68111	LEAD	5	48	59	77	86
32456	68111	LEAD	4	319	575	278	467
32457	68111	LEAD	5	42	61	73	87
32458	68111	LEAD	4	208	285	196	253
32459	68111	LEAD	5	60	95	86	112
32460	68111	LEAD	4	50	72	79	95
32461	68111	LEAD	4	84	122	104	132
32464	68111	LEAD	4	76	102	98	118
32466	68111	LEAD	4	549	703	448	562
32467	68111	LEAD	3	76	135	99	142
32472	68111	LEAD	4	120	235	131	216
32473	68111	LEAD	3	508	728	418	581

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32474	68111	LEAD	4	413	678	348	543
32475	68111	LEAD	4	172	282	169	250
32476	68111	LEAD	4	64	81	89	102
32477	68111	LEAD	4	176	258	172	233
32478	68111	LEAD	4	150	458	153	381
32479	68111	LEAD	4	171	199	169	189
32481	68111	LEAD	4	291	530	257	434
32482	68111	LEAD	4	65	87	90	107
32483	68111	LEAD	4	215	378	201	322
32486	68111	LEAD	4	52	74	80	96
32487	68111	LEAD	4	61	76	87	98
32488	68111	LEAD	5	79	117	100	129
32490	68111	LEAD	4	89	144	108	149
32491	68111	LEAD	4	249	352	226	302
32492	68111	LEAD	4	76	102	98	118
32494	68111	LEAD	4	286	801	253	635
32496	68111	LEAD	5	254	343	230	296
32497	68111	LEAD	5	167	385	165	327
32499	68111	LEAD	4	134	292	141	258
32501	68111	LEAD	4	245	386	224	327
32502	68111	LEAD	4	59	64	85	89
32504	68111	LEAD	4	277	471	247	391
32506	68111	LEAD	4	116	146	128	150
32509	68111	LEAD	4	126	195	135	186
32510	68111	LEAD	5	60	77	86	99
32512	68111	LEAD	3	63	91	89	109
32513	68111	LEAD	4	213	251	200	227
32515	68111	LEAD	4	112	170	125	168
32517	68111	LEAD	3	60	77	86	99
32518	68111	LEAD	4	274	396	245	335
32521	68111	LEAD	4	151	191	154	184
32522	68111	LEAD	3	274	350	245	301
32523	68111	LEAD	3	65	68	90	92
32524	68111	LEAD	4	59	77	86	99
32527	68111	LEAD	4	52	66	81	91
32528	68111	LEAD	5	165	268	164	240
32530	68111	LEAD	4	49	57	79	84
32533	68111	LEAD	4	35	55	68	83
32534	68111	LEAD	4	65	135	90	142
32535	68111	LEAD	3	97	110	114	123
32537	68111	LEAD	4	84	106	104	120
32539	68111	LEAD	4	96	120	113	131
32542	68111	LEAD	4	89	144	108	149
32543	68111	LEAD	4	57	64	84	89
32544	68111	LEAD	4	215	405	201	341

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32545	68111	LEAD	4	80	89	101	108
32546	68111	LEAD	4	26	44	61	75
32547	68111	LEAD	5	91	148	109	152
32548	68111	LEAD	4	85	138	105	144
32549	68111	LEAD	4	99	142	116	147
32550	68111	LEAD	4	220	329	205	285
32551	68111	LEAD	5	111	172	124	169
32552	68111	LEAD	5	139	187	145	181
32553	68111	LEAD	3	159	176	160	172
32554	68111	LEAD	4	102	206	117	195
32557	68111	LEAD	4	60	64	86	89
32558	68111	LEAD	4	92	143	110	148
32559	68111	LEAD	4	213	385	200	327
32560	68111	LEAD	3	305	420	268	353
32561	68111	LEAD	4	149	187	152	180
32562	68111	LEAD	4	102	149	118	152
32563	68111	LEAD	2	157	264	158	237
32565	68111	LEAD	3	89	120	108	131
32567	68111	LEAD	4	247	440	225	368
32569	68111	LEAD	4	239	661	219	531
32571	68111	LEAD	3	366	573	313	466
32572	68111	LEAD	4	50	98	79	114
32573	68111	LEAD	4	263	420	237	353
32574	68111	LEAD	4	128	198	136	189
32575	68111	LEAD	5	784	1021	622	798
32576	68111	LEAD	4	316	450	276	375
32577	68111	LEAD	4	41	54	73	82
32578	68111	LEAD	4	231	307	213	269
32580	68111	LEAD	4	99	142	116	147
32581	68111	LEAD	4	356	755	306	601
32582	68111	LEAD	4	84	116	104	128
32585	68111	LEAD	4	201	559	191	456
32586	68111	LEAD	4	104	160	119	161
32587	68111	LEAD	4	397	548	336	448
32589	68111	LEAD	4	120	214	131	201
32591	68111	LEAD	4	218	339	203	293
32592	68111	LEAD	4	85	133	105	140
32593	68111	LEAD	4	116	170	128	168
32594	68111	LEAD	4	69	97	93	114
32596	68111	LEAD	4	249	419	226	352
32597	68111	LEAD	4	79	122	100	133
32599	68111	LEAD	4	144	233	149	214
32600	68111	LEAD	4	169	233	167	214
32602	68111	LEAD	4	83	99	103	115
32603	68111	LEAD	4	48	61	78	87

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32604	68111	LEAD	4	144	212	148	199
32605	68111	LEAD	4	126	137	135	143
32606	68111	LEAD	4	161	213	162	200
32607	68111	LEAD	4	126	287	136	255
32608	68111	LEAD	4	103	161	118	161
32611	68111	LEAD	3	147	199	151	189
32612	68111	LEAD	4	100	116	116	128
32613	68111	LEAD	4	277	408	247	344
32615	68111	LEAD	3	533	718	437	573
32616	68111	LEAD	4	276	442	246	369
32618	68111	LEAD	4	91	120	109	131
32620	68111	LEAD	4	146	204	150	193
32622	68111	LEAD	4	103	136	118	143
32623	68111	LEAD	4	148	280	152	249
32629	68111	LEAD	5	194	276	186	246
32630	68111	LEAD	4	180	252	175	229
32631	68111	LEAD	4	163	211	163	198
32632	68111	LEAD	3	87	94	106	112
32633	68111	LEAD	4	68	85	92	105
32639	68111	LEAD	4	101	157	117	158
32640	68111	LEAD	4	181	302	176	266
32642	68111	LEAD	5	449	800	374	634
32643	68111	LEAD	4	237	389	217	330
32644	68111	LEAD	4	114	204	126	193
32646	68111	LEAD	4	132	217	140	203
32648	68111	LEAD	4	145	158	150	159
32656	68111	LEAD	4	60	121	86	132
32661	68111	LEAD	4	49	59	78	86
32662	68111	LEAD	4	327	537	284	440
32663	68111	LEAD	4	248	382	226	325
32664	68111	LEAD	4	51	68	80	92
32665	68111	LEAD	4	238	295	218	260
32667	68111	LEAD	4	85	153	105	155
32668	68111	LEAD	4	51	89	79	108
32669	68111	LEAD	4	236	351	216	302
32671	68111	LEAD	4	308	435	270	364
32672	68111	LEAD	4	55	89	82	108
32673	68111	LEAD	4	97	116	114	128
32674	68111	LEAD	4	170	263	168	236
32675	68111	LEAD	4	67	85	91	105
32677	68111	LEAD	4	117	142	128	147
32678	68111	LEAD	4	111	197	124	188
32679	68111	LEAD	4	189	312	182	273
32680	68111	LEAD	5	203	304	192	267
32681	68111	LEAD	4	81	153	102	155

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32682	68111	LEAD	4	318	484	277	400
32684	68111	LEAD	4	191	360	184	309
32685	68111	LEAD	5	194	450	186	375
32686	68111	LEAD	4	110	160	123	161
32687	68111	LEAD	4	84	108	104	122
32688	68111	LEAD	4	58	78	85	99
32690	68111	LEAD	4	203	231	192	213
32692	68111	LEAD	4	227	367	210	314
32693	68111	LEAD	4	117	166	129	164
32694	68111	LEAD	4	133	217	140	203
32695	68111	LEAD	4	248	376	225	320
32696	68111	LEAD	4	115	177	127	173
32697	68111	LEAD	4	103	144	118	149
32699	68111	LEAD	4	403	535	340	438
32701	68111	LEAD	4	163	268	163	240
32702	68111	LEAD	4	308	448	270	373
32703	68111	LEAD	4	361	748	309	596
32704	68111	LEAD	4	210	308	197	270
32706	68111	LEAD	4	107	142	121	147
32708	68111	LEAD	4	76	129	98	138
32709	68111	LEAD	4	388	622	329	503
32713	68111	LEAD	4	79	96	100	113
32714	68111	LEAD	4	146	204	150	193
32715	68111	LEAD	4	269	447	241	373
32717	68111	LEAD	4	566	803	460	637
32718	68111	LEAD	4	53	62	81	88
32722	68111	LEAD	4	345	669	297	537
32724	68111	LEAD	4	146	242	150	221
32726	68111	LEAD	4	580	1328	471	1025
32736	68111	LEAD	4	639	1716	515	1312
32740	68111	LEAD	4	54	95	82	113
32741	68111	LEAD	4	311	428	272	359
32742	68111	LEAD	5	193	304	185	267
32745	68111	LEAD	4	100	151	116	154
32746	68111	LEAD	3	696	1282	557	991
32747	68111	LEAD	4	75	95	97	112
32748	68111	LEAD	3	143	162	148	162
32749	68111	LEAD	4	113	138	125	144
32753	68111	LEAD	4	135	175	142	172
32755	68111	LEAD	4	72	96	95	113
32756	68111	LEAD	4	297	585	262	475
32757	68111	LEAD	4	399	498	337	411
32758	68111	LEAD	4	107	172	121	170
32760	68111	LEAD	4	717	1471	572	1131
32761	68111	LEAD	4	147	182	151	177

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32762	68111	LEAD	4	391	469	331	389
32764	68111	LEAD	4	289	322	256	280
32765	68111	LEAD	4	85	93	105	111
32766	68111	LEAD	4	517	962	425	754
32768	68111	LEAD	4	742	1688	591	1291
32770	68111	LEAD	4	241	457	220	380
32771	68111	LEAD	4	485	790	401	627
32775	68111	LEAD	4	181	231	176	213
32776	68111	LEAD	5	85	117	105	129
32777	68111	LEAD	4	75	89	97	108
32778	68111	LEAD	4	79	130	101	138
32779	68111	LEAD	4	251	365	228	312
32780	68111	LEAD	4	105	194	119	186
32781	68111	LEAD	4	131	227	139	210
32782	68111	LEAD	4	57	102	84	118
32783	68111	LEAD	4	85	113	105	126
32784	68111	LEAD	4	669	1152	537	894
32785	68111	LEAD	4	133	189	140	182
32787	68111	LEAD	4	96	114	113	126
32789	68111	LEAD	4	63	84	89	104
32791	68111	LEAD	4	145	198	150	188
32792	68111	LEAD	4	94	130	111	138
32793	68111	LEAD	4	169	229	167	212
32794	68111	LEAD	4	231	331	213	287
32795	68111	LEAD	4	147	381	151	324
32797	68111	LEAD	4	345	515	297	423
32798	68111	LEAD	4	87	128	106	137
32800	68111	LEAD	5	104	207	119	195
32802	68111	LEAD	4	219	246	204	224
32803	68111	LEAD	3	301	413	265	348
32804	68111	LEAD	4	226	327	210	284
32805	68111	LEAD	3	66	93	91	111
32806	68111	LEAD	4	114	142	126	147
32807	68111	LEAD	4	287	828	254	655
32808	68111	LEAD	4	131	166	139	165
32809	68111	LEAD	4	302	602	265	488
32810	68111	LEAD	4	124	144	134	149
32813	68111	LEAD	4	275	425	246	356
32816	68111	LEAD	4	76	130	98	138
32817	68111	LEAD	4	142	209	147	197
32818	68111	LEAD	4	99	137	115	144
32819	68111	LEAD	4	224	260	208	235
32820	68111	LEAD	4	95	134	112	141
32821	68111	LEAD	4	224	309	208	271
32823	68111	LEAD	4	76	89	98	108

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32824	68111	LEAD	4	102	128	117	137
32825	68111	LEAD	4	176	307	172	269
32827	68111	LEAD	4	216	262	202	236
32829	68111	LEAD	4	51	100	80	116
32830	68111	LEAD	4	149	221	153	205
32831	68111	LEAD	4	84	115	104	127
32833	68111	LEAD	4	101	113	117	125
32834	68111	LEAD	4	102	138	117	144
32835	68111	LEAD	4	230	389	212	330
32836	68111	LEAD	4	128	163	136	163
32837	68111	LEAD	4	368	508	315	418
32840	68111	LEAD	4	120	145	131	150
32841	68111	LEAD	4	152	319	154	278
32843	68111	LEAD	4	120	142	131	147
32844	68111	LEAD	4	60	79	86	100
32845	68111	LEAD	4	144	352	148	303
32847	68111	LEAD	4	120	251	131	228
32848	68111	LEAD	2	132	166	140	165
32851	68111	LEAD	4	92	128	110	137
32852	68111	LEAD	4	167	228	165	211
32853	68111	LEAD	2	126	131	135	139
32854	68111	LEAD	3	88	113	107	125
32856	68111	LEAD	4	224	290	208	257
32857	68111	LEAD	4	59	93	86	111
32858	68111	LEAD	5	124	189	134	182
32859	68111	LEAD	4	113	149	126	152
32860	68111	LEAD	4	103	164	118	163
32861	68111	LEAD	4	57	79	84	101
32862	68111	LEAD	2	70	94	94	112
32863	68111	LEAD	3	86	93	106	110
32865	68111	LEAD	4	589	1172	478	910
32866	68111	LEAD	4	101	148	116	151
32868	68111	LEAD	4	141	233	146	214
32871	68111	LEAD	4	71	139	94	145
32873	68111	LEAD	4	123	214	133	201
32874	68111	LEAD	4	56	71	83	94
32876	68111	LEAD	4	239	287	219	254
32877	68111	LEAD	4	89	115	108	127
32878	68111	LEAD	4	87	144	106	149
32879	68111	LEAD	4	241	402	220	340
32880	68111	LEAD	4	104	151	119	154
32881	68111	LEAD	4	161	224	161	208
32882	68111	LEAD	4	124	182	134	177
32884	68111	LEAD	4	106	168	120	167
32885	68111	LEAD	4	74	91	97	109

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32886	68111	LEAD	4	135	283	142	251
32888	68111	LEAD	4	199	274	189	244
32889	68111	LEAD	4	86	101	106	117
32890	68111	LEAD	4	354	704	304	563
32891	68111	LEAD	3	91	118	110	129
32892	68111	LEAD	4	170	415	168	349
32893	68111	LEAD	4	317	585	277	475
32894	68111	LEAD	4	135	190	142	183
32896	68111	LEAD	4	330	491	286	405
32898	68111	LEAD	5	222	276	206	246
32900	68111	LEAD	4	61	74	87	96
32902	68111	LEAD	4	91	123	109	133
32904	68111	LEAD	4	125	157	134	158
32905	68111	LEAD	4	105	135	120	142
32907	68111	LEAD	4	135	157	142	158
32909	68111	LEAD	5	87	151	106	154
32910	68111	LEAD	4	76	86	98	105
32912	68111	LEAD	4	199	331	189	287
32914	68111	LEAD	4	125	206	135	195
32916	68111	LEAD	4	526	905	431	712
32917	68111	LEAD	4	127	219	136	204
32921	68111	LEAD	2	311	431	272	361
32922	68111	LEAD	4	247	327	225	284
32924	68111	LEAD	4	128	161	137	161
32925	68111	LEAD	4	358	461	307	383
32926	68111	LEAD	4	71	98	94	114
32928	68111	LEAD	4	165	277	164	247
32929	68111	LEAD	4	248	403	226	340
32930	68111	LEAD	4	166	237	165	217
32931	68111	LEAD	4	280	456	249	379
32932	68111	LEAD	4	79	121	101	132
32933	68111	LEAD	4	126	201	135	191
32935	68111	LEAD	3	82	101	103	117
32940	68111	LEAD	4	260	443	234	370
32941	68111	LEAD	4	153	250	155	227
32942	68111	LEAD	4	157	217	158	202
32946	68111	LEAD	4	204	362	193	310
32948	68111	LEAD	3	224	312	208	273
32949	68111	LEAD	4	138	181	144	176
32953	68111	LEAD	4	195	355	186	305
32956	68111	LEAD	3	246	364	224	312
32957	68111	LEAD	5	257	398	232	337
32958	68111	LEAD	4	158	186	159	179
32960	68111	LEAD	4	117	201	129	191
32963	68111	LEAD	4	156	282	157	250

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
32965	68111	LEAD	4	94	152	112	155
32966	68111	LEAD	4	182	332	177	288
32967	68111	LEAD	4	153	228	155	211
32968	68111	LEAD	4	104	145	119	149
32969	68111	LEAD	4	179	240	174	219
32970	68111	LEAD	4	75	81	97	102
32971	68111	LEAD	4	75	110	98	123
32972	68111	LEAD	4	127	201	136	191
32973	68111	LEAD	4	157	289	158	256
32974	68111	LEAD	4	137	275	143	246
32976	68111	LEAD	4	73	87	96	107
32977	68111	LEAD	4	180	243	175	222
32978	68111	LEAD	4	88	98	107	115
32979	68111	LEAD	4	103	123	118	133
32982	68111	LEAD	4	146	193	150	185
32983	68111	LEAD	4	181	289	176	256
32984	68111	LEAD	4	74	116	97	128
32985	68111	LEAD	4	106	184	120	178
32987	68111	LEAD	3	116	163	128	163
32989	68111	LEAD	3	284	621	252	501
32990	68111	LEAD	4	277	505	247	416
32991	68111	LEAD	4	224	349	208	300
32992	68111	LEAD	4	162	194	162	185
32994	68111	LEAD	4	415	588	349	477
32997	68111	LEAD	4	90	153	109	155
32998	68111	LEAD	4	130	261	138	235
32999	68111	LEAD	4	79	85	101	105
33000	68111	LEAD	4	178	217	174	203
33001	68111	LEAD	4	108	146	122	150
33003	68111	LEAD	4	157	306	158	268
33004	68111	LEAD	3	72	106	96	120
33005	68111	LEAD	4	111	152	124	154
33007	68111	LEAD	4	542	807	443	639
33008	68111	LEAD	5	70	79	94	101
33009	68111	LEAD	4	57	72	84	96
33010	68111	LEAD	2	692	908	554	714
33011	68111	LEAD	4	98	124	114	134
33012	68111	LEAD	4	122	195	132	187
33013	68111	LEAD	4	246	300	224	264
33014	68111	LEAD	4	65	103	90	118
33015	68111	LEAD	4	357	614	306	496
33016	68111	LEAD	4	139	222	145	206
33018	68111	LEAD	4	81	111	102	124
33024	68111	LEAD	4	117	292	129	258
33025	68111	LEAD	4	63	70	89	94

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33027	68111	LEAD	4	56	75	84	98
33028	68111	LEAD	4	77	100	99	116
33030	68111	LEAD	4	87	110	106	124
33031	68111	LEAD	4	217	404	202	341
33032	68111	LEAD	3	81	94	102	112
33033	68111	LEAD	4	154	238	156	218
33034	68111	LEAD	4	59	68	85	92
33035	68111	LEAD	3	167	233	166	215
33036	68111	LEAD	4	203	369	192	315
33037	68111	LEAD	4	110	154	123	156
33040	68111	LEAD	4	146	250	150	227
33041	68111	LEAD	4	251	523	228	429
33042	68111	LEAD	4	101	162	116	162
33043	68111	LEAD	4	179	434	174	363
33044	68111	LEAD	5	188	320	181	278
33046	68111	LEAD	4	163	238	162	218
33047	68111	LEAD	4	163	338	162	292
33048	68111	LEAD	5	173	275	170	245
33049	68111	LEAD	4	110	121	124	131
33050	68111	LEAD	4	85	116	105	128
33051	68111	LEAD	4	54	64	82	89
33052	68111	LEAD	4	114	186	126	180
33053	68111	LEAD	4	945	2731	741	2063
33054	68111	LEAD	4	165	190	164	183
33055	68111	LEAD	2	259	262	233	236
33056	68111	LEAD	3	572	728	466	581
33058	68111	LEAD	4	123	150	133	153
33059	68111	LEAD	4	231	464	213	385
33060	68111	LEAD	4	151	179	154	175
33061	68111	LEAD	3	297	649	262	523
33062	68111	LEAD	4	348	677	299	543
33063	68111	LEAD	5	188	258	181	233
33069	68111	LEAD	4	94	138	111	144
33072	68111	LEAD	4	78	143	100	148
33073	68111	LEAD	4	371	746	316	594
33075	68111	LEAD	4	392	809	332	641
33076	68111	LEAD	5	139	270	145	242
33077	68111	LEAD	4	451	1037	376	809
33079	68111	LEAD	4	112	164	125	163
33081	68111	LEAD	4	138	189	144	182
33085	68111	LEAD	4	82	119	103	130
33086	68111	LEAD	5	109	233	122	214
33088	68111	LEAD	4	499	633	411	510
33089	68111	LEAD	2	923	1017	725	795
33092	68111	LEAD	4	99	120	115	131

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33093	68111	LEAD	4	115	201	127	191
33094	68111	LEAD	4	241	488	220	403
33095	68111	LEAD	2	91	103	109	118
33099	68111	LEAD	4	74	103	97	118
33101	68111	LEAD	4	91	108	110	122
33103	68111	LEAD	3	98	136	115	143
33104	68111	LEAD	5	641	929	517	729
33105	68111	LEAD	4	94	137	112	144
33106	68111	LEAD	5	217	559	202	456
33107	68111	LEAD	4	212	237	199	218
33108	68111	LEAD	4	311	378	272	322
33109	68111	LEAD	4	141	239	146	219
33111	68111	LEAD	4	251	424	228	356
33112	68111	LEAD	4	199	267	189	239
33114	68111	LEAD	4	236	317	216	276
33115	68111	LEAD	4	129	192	138	184
33116	68111	LEAD	4	75	90	98	109
33117	68111	LEAD	4	104	131	119	139
33118	68111	LEAD	4	105	171	120	168
33120	68111	LEAD	4	159	227	160	210
33121	68111	LEAD	4	153	201	155	191
33123	68111	LEAD	4	151	207	154	195
33124	68111	LEAD	4	80	124	101	134
33126	68111	LEAD	4	176	299	172	264
33129	68111	LEAD	4	73	111	96	124
33133	68111	LEAD	3	113	162	125	162
33134	68111	LEAD	4	521	584	428	474
33135	68111	LEAD	4	279	391	248	331
33137	68111	LEAD	4	93	192	111	184
33139	68111	LEAD	3	199	309	189	271
33140	68111	LEAD	4	95	168	112	166
33141	68111	LEAD	5	263	361	237	309
33142	68111	LEAD	4	130	313	138	274
33143	68111	LEAD	4	288	475	255	393
33144	68111	LEAD	4	101	117	117	129
33145	68111	LEAD	4	117	151	129	154
33146	68111	LEAD	4	100	163	116	162
33148	68111	LEAD	4	137	172	143	169
33149	68111	LEAD	4	148	226	152	209
33150	68111	LEAD	4	149	228	153	211
33153	68111	LEAD	4	154	173	156	170
33154	68111	LEAD	4	353	553	303	451
33155	68111	LEAD	4	90	106	109	121
33156	68111	LEAD	4	284	340	252	293
33157	68111	LEAD	4	267	459	239	382

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33158	68111	LEAD	4	124	188	134	181
33159	68111	LEAD	4	210	353	197	303
33160	68111	LEAD	5	116	197	128	187
33162	68111	LEAD	4	302	368	266	314
33164	68111	LEAD	4	97	112	114	125
33165	68111	LEAD	4	78	93	100	111
33166	68111	LEAD	4	183	209	177	197
33167	68111	LEAD	4	262	609	236	493
33168	68111	LEAD	4	416	699	350	559
33169	68111	LEAD	4	317	531	276	435
33170	68111	LEAD	4	65	76	90	98
33172	68111	LEAD	4	211	267	198	239
33173	68111	LEAD	4	284	419	252	352
33175	68111	LEAD	4	67	85	92	105
33177	68111	LEAD	3	201	244	191	222
33179	68111	LEAD	3	657	858	528	677
33180	68111	LEAD	4	534	1029	437	804
33181	68111	LEAD	3	190	205	183	193
33182	68111	LEAD	3	103	120	118	131
33185	68111	LEAD	4	56	70	83	93
33186	68111	LEAD	4	306	370	268	316
33187	68111	LEAD	4	138	338	144	292
33188	68111	LEAD	4	162	207	162	195
33189	68111	LEAD	4	84	111	104	124
33190	68111	LEAD	3	178	276	174	246
33192	68111	LEAD	4	82	148	102	151
33198	68111	LEAD	4	302	414	266	348
33200	68111	LEAD	4	250	485	227	401
33201	68111	LEAD	4	338	515	292	423
33202	68111	LEAD	6	69	78	93	100
33204	68111	LEAD	4	99	122	115	132
33205	68111	LEAD	4	36	45	68	75
33206	68111	LEAD	4	194	277	186	247
33207	68111	LEAD	4	147	259	151	234
33208	68111	LEAD	4	76	124	98	134
33210	68111	LEAD	4	106	120	121	131
33211	68111	LEAD	4	110	152	123	154
33213	68111	LEAD	4	224	321	208	279
33214	68111	LEAD	4	265	386	238	328
33217	68111	LEAD	4	121	159	132	160
33221	68111	LEAD	4	82	102	103	117
33222	68111	LEAD	4	127	163	136	163
33223	68111	LEAD	4	130	259	139	233
33224	68111	LEAD	4	349	731	301	583
33226	68111	LEAD	4	344	778	297	618

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33228	68111	LEAD	3	95	135	112	142
33230	68111	LEAD	4	59	90	85	108
33233	68111	LEAD	4	65	97	90	114
33235	68111	LEAD	4	267	415	240	349
33236	68111	LEAD	4	109	148	123	151
33239	68111	LEAD	4	378	538	322	440
33240	68111	LEAD	4	79	118	100	129
33242	68111	LEAD	4	572	812	466	643
33243	68111	LEAD	4	226	355	209	304
33244	68111	LEAD	3	96	145	113	149
33245	68111	LEAD	5	183	330	178	286
33247	68111	LEAD	3	96	120	113	131
33248	68111	LEAD	4	225	411	209	346
33250	68111	LEAD	4	186	281	180	250
33251	68111	LEAD	4	127	214	136	201
33252	68111	LEAD	4	407	602	343	487
33256	68111	LEAD	4	472	715	391	571
33259	68111	LEAD	4	515	848	423	670
33260	68111	LEAD	4	90	113	109	125
33261	68111	LEAD	4	121	163	132	162
33262	68111	LEAD	4	77	81	99	102
33263	68111	LEAD	4	56	64	84	89
33264	68111	LEAD	4	97	154	113	156
33266	68111	LEAD	4	64	93	90	111
33270	68111	LEAD	3	92	107	110	121
33271	68111	LEAD	3	89	110	108	123
33274	68111	LEAD	4	268	435	240	364
33275	68111	LEAD	4	101	113	116	125
33283	68111	LEAD	4	96	180	113	175
33284	68111	LEAD	4	209	306	196	269
33292	68111	LEAD	4	184	337	178	291
33293	68111	LEAD	4	118	173	129	170
33296	68111	LEAD	4	85	111	105	124
33302	68111	LEAD	5	102	154	117	156
33303	68111	LEAD	4	193	254	185	230
33307	68111	LEAD	4	161	221	161	206
33309	68111	LEAD	5	382	602	325	487
33310	68111	LEAD	4	189	244	182	222
33312	68111	LEAD	4	375	698	319	558
33313	68111	LEAD	4	124	210	134	197
33314	68111	LEAD	4	279	355	248	304
33316	68111	LEAD	4	200	237	190	218
33317	68111	LEAD	4	316	749	276	596
33319	68111	LEAD	4	485	828	401	654
33320	68111	LEAD	4	147	266	151	239

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33321	68111	LEAD	4	163	218	162	203
33324	68111	LEAD	4	155	204	157	193
33325	68111	LEAD	4	309	474	271	393
33327	68111	LEAD	4	234	457	215	380
33329	68111	LEAD	4	117	127	129	136
33331	68111	LEAD	4	160	203	160	192
33332	68111	LEAD	3	63	89	89	108
33333	68111	LEAD	4	221	337	206	291
33334	68111	LEAD	4	159	261	160	235
33335	68111	LEAD	4	418	630	352	508
33336	68111	LEAD	4	94	122	112	132
33337	68111	LEAD	4	108	118	122	130
33339	68111	LEAD	4	381	500	324	412
33342	68111	LEAD	4	269	395	241	334
33343	68111	LEAD	4	485	1144	401	888
33344	68111	LEAD	4	405	718	342	573
33346	68111	LEAD	4	299	491	263	405
33347	68111	LEAD	4	320	510	279	420
33348	68111	LEAD	4	237	449	217	374
33349	68111	LEAD	4	227	464	210	386
33350	68111	LEAD	4	114	156	126	158
33351	68111	LEAD	4	193	272	185	243
33355	68111	LEAD	4	266	366	239	312
33356	68111	LEAD	4	268	445	240	371
33357	68111	LEAD	4	103	150	119	153
33358	68111	LEAD	4	610	721	494	576
33360	68111	LEAD	4	146	275	150	246
33361	68111	LEAD	4	154	228	156	211
33362	68111	LEAD	4	64	79	89	100
33365	68111	LEAD	4	276	843	246	666
33368	68111	LEAD	4	169	213	167	199
33369	68111	LEAD	5	306	372	269	317
33372	68111	LEAD	4	601	1111	486	864
33373	68111	LEAD	5	99	139	115	145
33374	68111	LEAD	4	208	366	196	313
33377	68111	LEAD	4	79	94	101	112
33378	68111	LEAD	4	457	973	381	762
33380	68111	LEAD	4	212	459	199	382
33382	68111	LEAD	4	168	277	167	247
33383	68111	LEAD	4	287	422	255	354
33384	68111	LEAD	4	97	126	114	135
33385	68111	LEAD	4	381	842	324	665
33386	68111	LEAD	4	322	594	280	482
33389	68111	LEAD	4	260	401	234	339
33390	68111	LEAD	4	77	89	99	108

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33391	68111	LEAD	4	140	170	145	168
33392	68111	LEAD	4	113	177	126	173
33395	68111	LEAD	4	162	292	162	258
33397	68111	LEAD	4	184	344	178	297
33398	68111	LEAD	4	94	155	111	157
33400	68111	LEAD	4	174	301	171	265
33401	68111	LEAD	4	276	360	246	308
33405	68111	LEAD	4	105	142	120	147
33406	68111	LEAD	4	270	393	242	333
33407	68111	LEAD	4	182	259	177	234
33408	68111	LEAD	4	311	471	272	391
33411	68111	LEAD	4	96	145	113	149
33412	68111	LEAD	4	77	105	99	120
33414	68111	LEAD	4	235	331	216	287
33415	68111	LEAD	4	309	747	271	594
33416	68111	LEAD	4	259	326	234	283
33419	68111	LEAD	4	250	352	227	303
33424	68111	LEAD	4	89	95	108	112
33425	68111	LEAD	4	70	120	94	131
33429	68111	LEAD	4	97	109	113	123
33430	68111	LEAD	4	204	296	193	261
33431	68111	LEAD	4	223	256	207	232
33432	68111	LEAD	4	261	370	235	316
33433	68111	LEAD	4	124	140	134	146
33436	68111	LEAD	5	111	239	124	219
33437	68111	LEAD	4	88	140	107	146
33438	68111	LEAD	4	124	263	134	237
33439	68111	LEAD	4	270	408	242	344
33441	68111	LEAD	4	133	212	140	199
33442	68111	LEAD	4	136	278	143	248
33447	68111	LEAD	4	341	599	295	486
33450	68111	LEAD	4	108	227	122	210
33451	68111	LEAD	4	164	271	163	242
33453	68111	LEAD	3	77	95	99	112
33456	68111	LEAD	4	301	503	265	414
33460	68111	LEAD	4	93	135	111	142
33461	68111	LEAD	4	339	384	293	326
33462	68111	LEAD	4	210	308	197	270
33463	68111	LEAD	4	177	207	173	195
33465	68111	LEAD	4	512	1164	421	903
33467	68111	LEAD	4	375	719	319	574
33469	68111	LEAD	4	331	636	287	512
33470	68111	LEAD	4	80	115	101	127
33478	68111	LEAD	4	456	990	379	775
33479	68111	LEAD	4	262	323	236	281

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33480	68111	LEAD	4	216	337	202	292
33482	68111	LEAD	4	355	533	305	437
33484	68111	LEAD	4	262	304	236	267
33485	68111	LEAD	4	125	158	134	159
33489	68111	LEAD	4	113	199	126	189
33490	68111	LEAD	4	489	903	404	710
33492	68111	LEAD	4	193	267	185	240
33493	68111	LEAD	5	165	221	164	206
33495	68111	LEAD	4	99	117	115	128
33496	68111	LEAD	3	352	519	303	426
33499	68111	LEAD	4	227	308	210	270
33501	68111	LEAD	4	326	577	283	469
33503	68111	LEAD	4	80	89	101	108
33504	68111	LEAD	4	96	133	113	141
33506	68111	LEAD	4	222	253	207	230
33511	68111	LEAD	4	187	259	180	233
33515	68111	LEAD	4	146	171	150	168
33517	68111	LEAD	4	385	669	327	537
33520	68111	LEAD	4	416	529	350	433
33521	68111	LEAD	4	210	322	198	280
33522	68111	LEAD	3	283	344	252	296
33523	68111	LEAD	4	121	189	132	182
33525	68111	LEAD	4	264	358	238	307
33526	68111	LEAD	4	426	517	358	424
33530	68111	LEAD	4	184	471	178	390
33531	68111	LEAD	4	109	151	123	154
33534	68111	LEAD	4	283	861	251	679
33538	68111	LEAD	4	87	125	106	134
33542	68111	LEAD	4	177	459	173	382
33544	68111	LEAD	4	144	208	148	196
33545	68111	LEAD	4	260	317	235	277
33546	68111	LEAD	4	214	257	201	232
33549	68111	LEAD	4	115	171	127	169
33551	68111	LEAD	4	191	279	184	248
33552	68111	LEAD	5	269	534	241	437
33554	68111	LEAD	4	421	491	353	405
33556	68111	LEAD	4	161	179	161	174
33558	68111	LEAD	2	187	253	180	229
33559	68111	LEAD	4	134	203	141	192
33561	68111	LEAD	4	261	341	235	294
33564	68111	LEAD	4	241	315	220	275
33565	68111	LEAD	4	70	113	94	126
33566	68111	LEAD	4	156	208	158	196
33567	68111	LEAD	4	238	331	218	287
33569	68111	LEAD	4	246	435	224	364

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33570	68111	LEAD	3	106	145	121	149
33571	68111	LEAD	4	253	626	230	505
33572	68111	LEAD	4	195	278	186	248
33573	68111	LEAD	4	203	277	192	247
33574	68111	LEAD	4	135	218	142	203
33577	68111	LEAD	4	197	420	188	353
33578	68111	LEAD	4	259	509	233	419
33580	68111	LEAD	4	99	136	115	142
33581	68111	LEAD	4	285	430	253	360
33583	68111	LEAD	4	100	145	116	149
33584	68111	LEAD	4	108	127	122	136
33587	68111	LEAD	3	283	404	252	341
33588	68111	LEAD	3	288	321	255	279
33593	68111	LEAD	3	109	156	123	157
33597	68111	LEAD	4	67	83	91	103
33598	68111	LEAD	4	178	284	174	252
33600	68111	LEAD	4	157	364	158	311
33601	68111	LEAD	4	106	151	121	153
33603	68111	LEAD	4	217	516	203	424
33604	68111	LEAD	4	94	115	112	127
33607	68111	LEAD	3	260	331	235	287
33608	68111	LEAD	4	99	109	116	122
33609	68111	LEAD	4	210	252	197	229
33610	68111	LEAD	4	586	769	476	611
33612	68111	LEAD	4	56	77	84	99
33614	68111	LEAD	1	215	215	201	201
33618	68111	LEAD	4	298	410	262	345
33619	68111	LEAD	4	98	105	115	120
33621	68111	LEAD	4	128	165	137	164
33623	68111	LEAD	4	146	210	150	197
33628	68111	LEAD	4	434	548	363	448
33630	68111	LEAD	4	469	752	389	599
33631	68111	LEAD	4	140	256	145	231
33633	68111	LEAD	4	152	175	155	172
33634	68111	LEAD	4	292	732	258	584
33637	68111	LEAD	4	86	106	106	120
33641	68111	LEAD	4	127	166	136	165
33644	68111	LEAD	4	125	161	134	161
33645	68111	LEAD	4	282	448	251	373
33647	68111	LEAD	4	424	868	356	684
33648	68111	LEAD	4	156	237	157	217
33650	68111	LEAD	4	279	658	248	529
33651	68111	LEAD	4	333	451	289	376
33652	68111	LEAD	4	121	232	132	213
33654	68111	LEAD	4	157	225	158	208

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33657	68111	LEAD	4	65	114	90	127
33658	68111	LEAD	4	326	819	283	648
33661	68111	LEAD	3	229	327	212	284
33662	68111	LEAD	4	325	460	282	383
33664	68111	LEAD	4	199	268	189	241
33665	68111	LEAD	3	236	318	217	277
33666	68111	LEAD	4	140	224	145	208
33667	68111	LEAD	4	157	203	158	192
33668	68111	LEAD	4	131	220	139	205
33669	68111	LEAD	4	111	154	124	156
33671	68111	LEAD	4	226	317	210	277
33672	68111	LEAD	4	94	122	112	132
33673	68111	LEAD	4	131	162	139	162
33674	68111	LEAD	4	354	499	304	411
33675	68111	LEAD	3	227	323	210	281
33676	68111	LEAD	4	169	345	167	298
33678	68111	LEAD	4	131	154	139	156
33679	68111	LEAD	4	73	117	96	129
33680	68111	LEAD	4	90	144	109	148
33683	68111	LEAD	2	189	256	182	231
33685	68111	LEAD	4	247	286	225	254
33686	68111	LEAD	4	172	243	169	222
33689	68111	LEAD	4	442	482	369	398
33690	68111	LEAD	4	142	232	147	214
33696	68111	LEAD	4	339	580	293	471
33701	68111	LEAD	4	273	372	244	317
33702	68111	LEAD	4	211	392	198	332
33703	68111	LEAD	4	233	488	214	403
33704	68111	LEAD	4	376	513	320	421
33705	68111	LEAD	4	261	468	235	389
33707	68111	LEAD	4	403	765	341	608
33708	68111	LEAD	4	236	503	217	414
33710	68111	LEAD	4	253	293	229	258
33711	68111	LEAD	4	254	437	230	365
33712	68111	LEAD	4	273	430	244	360
33713	68111	LEAD	4	360	667	308	535
33715	68111	LEAD	4	171	184	169	178
33716	68111	LEAD	4	112	194	125	185
33717	68111	LEAD	4	168	225	167	209
33719	68111	LEAD	4	137	242	143	221
33720	68111	LEAD	2	863	872	681	687
33721	68111	LEAD	4	83	155	104	157
33722	68111	LEAD	4	157	248	158	225
33723	68111	LEAD	4	249	533	226	436
33724	68111	LEAD	4	181	244	176	223

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33727	68111	LEAD	4	157	331	158	287
33729	68111	LEAD	4	87	116	106	128
33730	68111	LEAD	4	178	220	173	204
33733	68111	LEAD	4	106	127	120	136
33734	68111	LEAD	4	132	192	139	184
33736	68111	LEAD	4	101	125	117	134
33737	68111	LEAD	4	98	126	114	135
33738	68111	LEAD	4	107	222	121	206
33740	68111	LEAD	4	435	736	364	587
33741	68111	LEAD	5	262	430	236	360
33742	68111	LEAD	2	294	409	259	344
33743	68111	LEAD	5	152	187	155	181
33744	68111	LEAD	4	348	524	300	429
33745	68111	LEAD	4	128	168	137	166
33746	68111	LEAD	3	150	226	153	209
33748	68111	LEAD	4	123	158	133	159
33750	68111	LEAD	4	266	394	239	333
33751	68111	LEAD	4	151	163	153	162
33752	68111	LEAD	4	127	171	136	169
33753	68111	LEAD	4	92	142	110	147
33755	68111	LEAD	4	149	236	152	217
33757	68111	LEAD	4	238	272	218	244
33758	68111	LEAD	4	311	645	272	520
33759	68111	LEAD	4	131	144	139	149
33760	68111	LEAD	4	211	302	198	265
33761	68111	LEAD	4	155	186	156	180
33763	68111	LEAD	4	140	206	146	194
33764	68111	LEAD	4	433	687	363	550
33767	68111	LEAD	4	268	365	240	312
33768	68111	LEAD	4	170	250	168	227
33769	68111	LEAD	3	224	295	207	260
33772	68111	LEAD	4	296	852	261	672
33780	68111	LEAD	4	1223	4364	947	3271
33781	68111	LEAD	4	332	441	288	368
33782	68111	LEAD	4	301	422	265	354
33785	68111	LEAD	4	135	185	142	179
33786	68111	LEAD	4	113	163	126	163
33788	68111	LEAD	4	239	401	219	339
33792	68111	LEAD	4	183	303	178	266
33794	68111	LEAD	4	119	167	130	166
33795	68111	LEAD	3	170	197	168	188
33796	68111	LEAD	4	261	447	235	373
33797	68111	LEAD	4	493	615	407	497
33799	68111	LEAD	4	280	462	249	384
33802	68111	LEAD	4	69	84	93	104

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33803	68111	LEAD	4	274	468	245	388
33804	68111	LEAD	4	93	151	111	154
33805	68111	LEAD	4	212	306	199	268
33806	68111	LEAD	4	265	394	238	334
33807	68111	LEAD	3	101	151	117	154
33809	68111	LEAD	4	193	459	185	382
33810	68111	LEAD	4	327	526	284	432
33813	68111	LEAD	3	169	310	167	272
33817	68111	LEAD	4	323	544	281	445
33818	68111	LEAD	4	202	287	191	254
33822	68111	LEAD	4	213	295	200	260
33823	68111	LEAD	4	322	387	280	329
33826	68111	LEAD	4	99	169	115	167
33827	68111	LEAD	4	132	160	140	160
33831	68111	LEAD	4	220	357	205	306
33832	68111	LEAD	4	326	461	283	383
33833	68111	LEAD	5	414	746	349	594
33835	68111	LEAD	4	457	899	381	707
33839	68111	LEAD	4	251	436	228	365
33843	68111	LEAD	3	202	252	192	228
33844	68111	LEAD	4	209	326	196	283
33845	68111	LEAD	4	134	170	141	168
33848	68111	LEAD	5	101	142	117	147
33850	68111	LEAD	4	307	566	269	461
33851	68111	LEAD	4	80	159	101	160
33856	68111	LEAD	5	274	887	245	699
33859	68111	LEAD	4	357	547	306	446
33861	68111	LEAD	4	157	262	158	236
33863	68111	LEAD	4	263	287	237	254
33865	68111	LEAD	4	127	221	136	206
33868	68111	LEAD	4	184	301	178	264
33869	68111	LEAD	4	195	251	186	228
33870	68111	LEAD	5	111	138	124	144
33871	68111	LEAD	4	251	449	228	374
33873	68111	LEAD	2	186	194	179	186
33875	68111	LEAD	4	219	411	204	346
33878	68111	LEAD	4	123	131	133	139
33885	68111	LEAD	4	278	665	248	534
33889	68111	LEAD	4	104	147	119	151
33891	68111	LEAD	4	188	484	181	400
33895	68111	LEAD	4	167	269	165	241
33896	68111	LEAD	4	249	369	226	315
33899	68111	LEAD	4	416	712	350	569
33900	68111	LEAD	4	311	669	272	537
33901	68111	LEAD	3	138	173	144	170

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33903	68111	LEAD	4	185	288	179	255
33908	68111	LEAD	4	218	261	203	235
33910	68111	LEAD	4	83	165	103	164
33911	68111	LEAD	4	173	261	170	235
33913	68111	LEAD	4	223	294	207	260
33915	68111	LEAD	4	439	630	367	508
33919	68111	LEAD	4	390	1051	331	820
33923	68111	LEAD	4	79	97	100	113
33924	68111	LEAD	4	234	378	215	321
33930	68111	LEAD	4	155	212	157	199
33931	68111	LEAD	5	141	198	146	189
33932	68111	LEAD	4	217	397	203	336
33933	68111	LEAD	4	362	467	310	388
33937	68111	LEAD	4	191	220	184	204
33938	68111	LEAD	4	124	182	134	177
33939	68111	LEAD	4	165	253	164	229
33942	68111	LEAD	4	97	114	113	127
33944	68111	LEAD	4	286	454	253	378
33945	68111	LEAD	4	138	159	144	159
33947	68111	LEAD	4	156	321	158	280
33948	68111	LEAD	4	218	475	203	393
33949	68111	LEAD	4	120	160	131	160
33950	68111	LEAD	4	296	531	261	435
33951	68111	LEAD	2	132	135	139	142
33953	68111	LEAD	3	116	171	128	169
33954	68111	LEAD	3	256	411	231	346
33955	68111	LEAD	4	185	213	179	199
33956	68111	LEAD	2	196	283	187	251
33957	68111	LEAD	1	316	316	276	276
33959	68111	LEAD	4	302	372	265	317
33964	68111	LEAD	5	145	185	150	179
33966	68111	LEAD	4	177	393	173	333
33967	68111	LEAD	4	266	606	239	490
33968	68111	LEAD	4	102	131	117	139
33971	68111	LEAD	3	77	93	99	111
33972	68111	LEAD	4	235	456	216	379
33976	68111	LEAD	2	313	408	274	344
33977	68111	LEAD	4	355	757	305	602
33978	68111	LEAD	4	82	95	102	113
33981	68111	LEAD	4	200	207	190	195
33983	68111	LEAD	4	160	383	161	326
33985	68111	LEAD	4	222	341	206	294
33987	68111	LEAD	4	83	90	103	109
33988	68111	LEAD	4	252	346	229	298
33989	68111	LEAD	4	353	578	304	470

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
33992	68111	LEAD	3	110	128	123	137
33993	68111	LEAD	4	125	181	135	176
33995	68111	LEAD	5	118	155	129	157
33996	68111	LEAD	4	165	271	164	243
33997	68111	LEAD	4	190	233	183	214
33998	68111	LEAD	4	258	360	233	309
34001	68111	LEAD	4	280	416	249	350
34003	68111	LEAD	4	223	419	207	352
34004	68111	LEAD	4	236	364	217	311
34005	68111	LEAD	4	198	400	189	338
34006	68111	LEAD	5	126	249	135	226
34008	68111	LEAD	4	196	263	187	236
34011	68111	LEAD	4	160	246	160	224
34014	68111	LEAD	4	177	207	173	195
34015	68111	LEAD	5	315	614	275	497
34016	68111	LEAD	4	114	168	126	167
34017	68111	LEAD	4	228	293	211	259
34018	68111	LEAD	4	165	278	164	248
34019	68111	LEAD	4	165	326	164	283
34020	68111	LEAD	4	216	345	202	297
34021	68111	LEAD	4	644	850	518	671
34025	68111	LEAD	4	187	380	180	323
34026	68111	LEAD	4	134	209	141	197
34028	68111	LEAD	5	149	265	152	238
34031	68111	LEAD	4	106	158	120	159
34032	68111	LEAD	4	163	207	162	195
34036	68111	LEAD	5	309	814	271	645
34037	68111	LEAD	3	109	157	123	158
34040	68111	LEAD	4	231	529	213	433
34042	68111	LEAD	4	173	240	170	219
34043	68111	LEAD	4	111	182	124	176
34044	68111	LEAD	3	151	166	154	165
34049	68111	LEAD	4	246	448	224	374
34051	68111	LEAD	4	538	771	440	613
34052	68111	LEAD	4	272	440	243	368
34056	68111	LEAD	4	235	312	216	273
34059	68111	LEAD	4	132	240	139	220
34060	68111	LEAD	4	309	564	271	459
34061	68111	LEAD	4	204	255	193	230
34062	68111	LEAD	4	363	553	310	451
34063	68111	LEAD	4	97	115	114	127
34064	68111	LEAD	3	120	152	131	155
34065	68111	LEAD	4	179	233	174	214
34066	68111	LEAD	4	335	501	290	412
34067	68111	LEAD	4	140	214	146	201

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34069	68111	LEAD	5	154	264	156	238
34070	68111	LEAD	4	415	957	349	750
34074	68111	LEAD	4	238	318	218	277
34075	68111	LEAD	5	106	154	120	156
34077	68111	LEAD	4	211	309	198	271
34078	68111	LEAD	4	260	601	235	487
34079	68111	LEAD	4	91	124	109	134
34080	68111	LEAD	4	298	537	263	439
34082	68111	LEAD	5	147	191	151	183
34083	68111	LEAD	4	231	414	213	348
34084	68111	LEAD	4	362	506	310	416
34085	68111	LEAD	4	109	151	122	154
34086	68111	LEAD	4	194	231	186	213
34087	68111	LEAD	3	258	348	233	300
34088	68111	LEAD	4	129	196	137	187
34090	68111	LEAD	4	181	284	176	252
34091	68111	LEAD	4	108	137	122	143
34094	68111	LEAD	4	253	455	229	379
34095	68111	LEAD	4	188	305	181	268
34099	68111	LEAD	3	280	527	249	432
34101	68111	LEAD	4	239	449	219	374
34103	68111	LEAD	4	289	636	256	512
34105	68111	LEAD	4	495	681	408	546
34107	68111	LEAD	4	150	215	153	201
34111	68111	LEAD	3	283	361	252	309
34112	68111	LEAD	4	191	256	183	231
34113	68111	LEAD	4	97	159	114	160
34118	68111	LEAD	4	239	522	219	429
34119	68111	LEAD	3	89	115	108	127
34120	68111	LEAD	3	183	252	177	228
34125	68111	LEAD	4	199	424	189	355
34126	68111	LEAD	3	228	267	211	240
34127	68111	LEAD	5	177	228	173	211
34128	68111	LEAD	4	246	478	224	395
34129	68111	LEAD	4	322	803	280	637
34130	68111	LEAD	4	78	98	100	114
34131	68111	LEAD	4	101	120	117	131
34134	68111	LEAD	4	240	381	220	324
34135	68111	LEAD	4	186	308	180	270
34136	68111	LEAD	5	99	156	115	157
34137	68111	LEAD	4	166	383	165	326
34139	68111	LEAD	4	192	294	184	260
34140	68111	LEAD	4	246	406	224	342
34141	68111	LEAD	5	229	299	211	263
34142	68111	LEAD	4	307	385	269	327

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34143	68111	LEAD	4	235	273	216	244
34144	68111	LEAD	4	135	178	142	174
34145	68111	LEAD	4	196	232	187	213
34146	68111	LEAD	4	162	292	162	258
34147	68111	LEAD	4	160	257	160	232
34149	68111	LEAD	4	360	640	309	516
34151	68111	LEAD	4	158	289	159	256
34153	68111	LEAD	3	111	130	124	138
34154	68111	LEAD	4	217	291	203	258
34155	68111	LEAD	4	151	190	154	182
34156	68111	LEAD	4	251	423	227	355
34157	68111	LEAD	4	132	203	140	192
34158	68111	LEAD	4	64	75	89	98
34160	68111	LEAD	4	232	443	214	370
34161	68111	LEAD	3	188	218	181	203
34163	68111	LEAD	4	139	182	145	177
34164	68111	LEAD	3	290	299	257	263
34165	68111	LEAD	4	132	195	140	186
34166	68111	LEAD	4	136	152	143	154
34167	68111	LEAD	4	138	206	144	195
34169	68111	LEAD	4	161	303	161	266
34170	68111	LEAD	4	149	246	153	224
34173	68111	LEAD	4	151	200	154	190
34179	68111	LEAD	2	40	72	71	95
34180	68111	LEAD	2	74	93	96	111
34181	68111	LEAD	4	89	114	108	127
34182	68111	LEAD	4	193	394	185	333
34183	68111	LEAD	4	331	402	287	339
34184	68111	LEAD	4	307	533	269	437
34185	68111	LEAD	3	146	158	150	159
34186	68111	LEAD	4	104	142	119	147
34187	68111	LEAD	4	158	192	159	184
34190	68111	LEAD	4	167	197	166	188
34191	68111	LEAD	3	357	509	306	418
34192	68111	LEAD	4	145	201	149	191
34193	68111	LEAD	2	288	326	255	283
34194	68111	LEAD	4	285	521	253	428
34196	68111	LEAD	4	293	474	259	393
34197	68111	LEAD	3	404	742	341	591
34198	68111	LEAD	4	296	383	261	325
34199	68111	LEAD	4	393	577	333	469
34200	68111	LEAD	4	76	127	98	136
34202	68111	LEAD	3	556	822	453	650
34203	68111	LEAD	4	262	396	236	335
34204	68111	LEAD	4	176	306	172	269

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34207	68111	LEAD	4	122	227	132	210
34209	68111	LEAD	3	485	726	401	579
34211	68111	LEAD	4	326	468	283	388
34212	68111	LEAD	4	249	376	226	321
34215	68111	LEAD	4	148	222	152	206
34216	68111	LEAD	4	260	342	234	295
34217	68111	LEAD	4	126	201	135	191
34219	68111	LEAD	4	112	173	125	170
34220	68111	LEAD	4	156	188	157	181
34221	68111	LEAD	5	273	458	244	381
34222	68111	LEAD	4	294	399	260	337
34223	68111	LEAD	4	403	538	340	440
34224	68111	LEAD	4	345	462	297	384
34225	68111	LEAD	4	403	510	340	420
34226	68111	LEAD	5	224	374	208	319
34228	68111	LEAD	4	276	396	247	335
34229	68111	LEAD	4	264	312	237	273
34231	68111	LEAD	4	419	536	352	439
34233	68111	LEAD	2	259	293	233	259
34234	68111	LEAD	4	332	511	288	420
34238	68111	LEAD	4	486	636	402	513
34247	68111	LEAD	4	285	482	253	399
34248	68111	LEAD	4	238	467	218	388
34250	68111	LEAD	5	357	605	306	489
34251	68111	LEAD	5	505	688	415	551
34252	68111	LEAD	4	651	1211	524	938
34253	68111	LEAD	4	303	396	267	335
34255	68111	LEAD	4	599	1007	485	787
34257	68111	LEAD	4	484	671	400	539
34258	68111	LEAD	4	393	726	333	579
34259	68111	LEAD	4	362	455	310	379
34314	68111	LEAD	3	382	446	324	372
34315	68111	LEAD	4	219	299	204	264
34317	68111	LEAD	4	459	637	382	513
34320	68111	LEAD	4	173	266	170	239
34326	68111	LEAD	4	57	70	84	94
34327	68111	LEAD	5	238	354	218	304
34329	68111	LEAD	2	1032	1208	806	936
34331	68111	LEAD	2	465	495	386	408
34332	68111	LEAD	4	363	522	310	428
34333	68111	LEAD	4	354	517	304	424
34334	68111	LEAD	4	525	614	430	496
34336	68111	LEAD	4	346	465	298	386
34342	68111	LEAD	4	253	664	229	533
34344	68111	LEAD	4	472	666	391	535

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34347	68111	LEAD	4	822	1751	651	1338
34348	68111	LEAD	4	418	507	351	417
34351	68111	LEAD	2	541	620	442	500
34355	68111	LEAD	2	159	179	160	174
34370	68111	LEAD	3	126	155	135	156
34371	68111	LEAD	4	597	1115	484	867
34372	68111	LEAD	4	435	575	364	467
34373	68111	LEAD	3	750	1251	597	968
34374	68111	LEAD	4	257	514	232	423
34376	68111	LEAD	4	240	341	219	294
34377	68111	LEAD	4	219	355	204	304
34380	68111	LEAD	4	204	237	193	218
34382	68111	LEAD	4	91	114	109	126
34383	68111	LEAD	3	411	647	346	521
34384	68111	LEAD	4	237	427	217	358
34385	68111	LEAD	4	429	754	359	600
34386	68111	LEAD	4	243	429	222	360
34387	68111	LEAD	6	336	442	290	369
34389	68111	LEAD	4	72	109	95	123
34391	68111	LEAD	4	491	566	405	461
34392	68111	LEAD	4	431	558	361	455
34393	68111	LEAD	3	252	286	228	254
34395	68111	LEAD	4	221	273	205	244
34396	68111	LEAD	4	165	195	164	187
34400	68111	LEAD	4	187	344	181	296
34401	68111	LEAD	4	280	589	249	478
34402	68111	LEAD	4	238	300	218	264
34403	68111	LEAD	4	261	389	235	330
34404	68111	LEAD	4	494	1243	408	962
34406	68111	LEAD	4	204	320	193	279
34407	68111	LEAD	4	233	341	215	295
34408	68111	LEAD	4	264	564	237	459
34409	68111	LEAD	4	360	456	308	379
34410	68111	LEAD	5	376	672	320	540
34414	68111	LEAD	4	52	65	80	90
34416	68111	LEAD	3	34	34	67	67
34421	68111	LEAD	4	42	45	73	75
34422	68111	LEAD	4	30	43	64	74
34423	68111	LEAD	4	198	275	188	246
34424	68111	LEAD	4	31	42	65	73
34425	68111	LEAD	4	26	36	61	69
34426	68111	LEAD	4	136	160	143	161
34428	68111	LEAD	4	29	37	64	70
34429	68111	LEAD	5	50	57	79	84
34430	68111	LEAD	3	73	106	96	121

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34432	68111	LEAD	4	203	271	192	243
34433	68111	LEAD	4	155	246	157	224
34434	68111	LEAD	3	119	166	130	165
34443	68111	LEAD	4	363	540	311	442
34444	68111	LEAD	4	586	813	476	644
34445	68111	LEAD	4	287	561	254	457
34448	68111	LEAD	4	435	720	364	574
34450	68111	LEAD	4	140	211	145	198
34454	68111	LEAD	4	214	308	200	270
34456	68111	LEAD	4	161	234	161	215
34460	68111	LEAD	4	367	505	313	416
34462	68111	LEAD	4	309	421	271	354
34468	68111	LEAD	4	268	496	240	409
34470	68111	LEAD	3	479	695	396	556
34471	68111	LEAD	4	491	821	405	650
34472	68111	LEAD	4	380	787	323	624
34474	68111	LEAD	4	240	274	219	245
34476	68111	LEAD	4	217	309	202	271
34478	68111	LEAD	4	185	393	179	333
34480	68111	LEAD	4	203	287	192	254
34481	68111	LEAD	4	358	689	307	552
34484	68111	LEAD	4	346	449	298	375
34485	68111	LEAD	4	184	297	178	262
34487	68111	LEAD	4	159	331	159	287
34489	68111	LEAD	4	298	474	262	393
34490	68111	LEAD	4	188	393	181	333
34491	68111	LEAD	4	365	563	312	459
34492	68111	LEAD	5	257	294	232	260
34496	68111	LEAD	4	409	651	345	524
34497	68111	LEAD	4	512	1186	421	920
34499	68111	LEAD	3	279	486	249	401
34500	68111	LEAD	4	209	237	197	217
34502	68111	LEAD	4	227	359	210	307
34503	68111	LEAD	4	72	165	95	164
34505	68111	LEAD	5	153	252	155	228
34506	68111	LEAD	4	203	261	193	235
34507	68111	LEAD	3	406	443	343	370
34509	68111	LEAD	4	249	362	226	310
34512	68111	LEAD	4	460	539	383	441
34518	68111	LEAD	4	324	515	282	423
34521	68111	LEAD	4	294	511	259	420
34522	68111	LEAD	4	690	786	553	624
34523	68111	LEAD	4	567	869	462	685
34527	68111	LEAD	4	298	546	263	446
34535	68111	LEAD	4	319	366	278	313

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34538	68111	LEAD	4	607	954	491	748
34539	68111	LEAD	2	115	127	127	136
34545	68111	LEAD	4	149	215	152	201
34547	68111	LEAD	4	236	452	217	377
34550	68111	LEAD	4	146	257	150	232
34553	68111	LEAD	4	23	39	59	71
34555	68111	LEAD	4	22	24	59	60
34558	68111	LEAD	4	23	25	59	61
34560	68111	LEAD	4	238	318	218	278
34562	68111	LEAD	4	29	36	63	68
34565	68111	LEAD	4	24	31	60	65
34568	68111	LEAD	4	246	309	224	271
34570	68111	LEAD	4	17	30	55	64
34572	68111	LEAD	4	257	353	232	303
34573	68111	LEAD	4	349	391	300	331
34574	68111	LEAD	4	37	51	69	80
34575	68111	LEAD	4	30	42	64	73
34580	68111	LEAD	4	133	205	141	194
34581	68111	LEAD	4	292	416	258	350
34583	68111	LEAD	4	179	271	175	243
34586	68111	LEAD	4	167	189	165	182
34591	68111	LEAD	4	408	679	344	545
34594	68111	LEAD	4	385	823	327	651
34595	68111	LEAD	4	1589	5793	1218	4329
34599	68111	LEAD	4	357	452	306	377
34600	68111	LEAD	4	112	157	125	158
34605	68111	LEAD	4	389	828	330	655
34606	68111	LEAD	4	239	317	219	277
34609	68111	LEAD	4	253	423	229	355
34612	68111	LEAD	4	346	531	298	435
34615	68111	LEAD	4	119	179	130	175
34616	68111	LEAD	4	164	197	163	188
34621	68111	LEAD	4	234	396	215	335
34624	68111	LEAD	4	120	131	131	139
34626	68111	LEAD	5	270	363	242	311
34627	68111	LEAD	4	503	1234	415	955
34628	68111	LEAD	4	351	819	302	648
34629	68111	LEAD	4	92	124	110	134
34635	68111	LEAD	4	296	328	261	285
34639	68111	LEAD	4	259	456	234	379
34648	68111	LEAD	4	37	47	69	77
34651	68111	LEAD	4	196	369	187	315
34654	68111	LEAD	4	597	1208	484	936
34663	68111	LEAD	4	220	277	205	247
34665	68111	LEAD	4	43	58	73	85

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34668	68111	LEAD	5	193	288	185	255
34669	68111	LEAD	4	150	193	153	185
34670	68111	LEAD	4	125	175	134	172
34672	68111	LEAD	4	26	37	62	69
34675	68111	LEAD	4	193	329	185	285
34676	68111	LEAD	4	131	170	139	168
34679	68111	LEAD	4	181	224	176	207
34684	68111	LEAD	4	89	238	108	218
34685	68111	LEAD	4	75	111	98	124
34686	68111	LEAD	4	278	417	248	350
34689	68111	LEAD	4	111	204	124	193
34690	68111	LEAD	4	29	37	63	70
34691	68111	LEAD	4	40	62	72	88
34693	68111	LEAD	4	39	63	71	89
34699	68111	LEAD	4	406	622	343	502
34701	68111	LEAD	2	310	419	271	352
34703	68111	LEAD	4	296	442	261	369
34706	68111	LEAD	4	378	462	322	384
34707	68111	LEAD	3	157	186	159	180
34709	68111	LEAD	4	83	91	104	110
34711	68111	LEAD	4	557	655	454	527
34713	68111	LEAD	3	237	319	218	278
34729	68111	LEAD	4	285	484	253	400
34735	68111	LEAD	4	24	31	60	65
34743	68111	LEAD	4	187	334	180	289
34747	68111	LEAD	4	266	581	239	472
34748	68111	LEAD	4	312	772	273	613
34749	68111	LEAD	4	30	37	64	69
34751	68111	LEAD	4	210	253	197	229
34755	68111	LEAD	4	121	151	132	154
34758	68111	LEAD	4	272	355	244	305
34759	68111	LEAD	4	239	435	219	364
34766	68111	LEAD	4	293	500	259	412
34767	68111	LEAD	4	194	312	186	273
34771	68111	LEAD	4	231	439	213	367
34777	68111	LEAD	3	154	205	156	194
34778	68111	LEAD	4	199	395	189	335
34780	68111	LEAD	4	677	866	543	683
34781	68111	LEAD	4	143	214	148	200
34784	68111	LEAD	4	229	264	211	237
34790	68111	LEAD	4	594	1483	482	1140
34792	68111	LEAD	4	127	212	136	199
34794	68111	LEAD	4	200	236	190	217
34797	68111	LEAD	4	41	51	72	79
34799	68111	LEAD	4	518	576	426	469

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34801	68111	LEAD	4	77	107	99	121
34805	68111	LEAD	4	83	110	103	123
34812	68111	LEAD	4	348	484	299	401
34814	68111	LEAD	4	160	196	160	187
34817	68111	LEAD	4	158	198	159	188
34820	68111	LEAD	4	260	594	234	481
34822	68111	LEAD	4	202	353	191	303
34826	68111	LEAD	4	636	931	513	731
34827	68111	LEAD	4	416	690	350	552
34829	68111	LEAD	4	190	276	182	246
34830	68111	LEAD	4	371	636	316	513
34833	68111	LEAD	5	320	450	279	375
34835	68111	LEAD	4	85	157	105	158
34836	68111	LEAD	4	175	230	172	212
34844	68111	LEAD	4	385	534	327	437
34852	68111	LEAD	4	323	524	281	430
34853	68111	LEAD	5	104	140	119	145
34856	68111	LEAD	3	151	232	154	214
34862	68111	LEAD	3	141	228	147	210
34863	68111	LEAD	5	141	286	146	253
34864	68111	LEAD	4	281	396	250	335
34867	68111	LEAD	3	302	439	265	367
34868	68111	LEAD	4	313	410	273	346
34869	68111	LEAD	4	29	34	63	67
34872	68111	LEAD	4	32	41	66	72
34874	68111	LEAD	4	39	71	71	94
34876	68111	LEAD	4	34	46	67	76
34881	68111	LEAD	3	232	342	214	295
34884	68111	LEAD	5	26	68	61	92
34887	68111	LEAD	4	196	287	187	254
34888	68111	LEAD	4	387	734	329	585
34889	68111	LEAD	4	30	41	64	72
34892	68111	LEAD	4	27	30	62	64
34896	68111	LEAD	4	196	293	187	259
34897	68111	LEAD	4	22	46	58	76
34898	68111	LEAD	4	33	38	67	70
34904	68111	LEAD	4	596	1793	483	1369
34908	68111	LEAD	4	213	359	200	308
34911	68111	LEAD	4	217	274	203	245
34916	68111	LEAD	4	513	640	421	516
34917	68111	LEAD	4	270	532	242	436
34918	68111	LEAD	4	278	376	247	321
34920	68111	LEAD	4	297	411	262	346
34921	68111	LEAD	4	411	801	346	635
34922	68111	LEAD	4	318	424	278	356

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
34923	68111	LEAD	4	138	244	144	222
34925	68111	LEAD	4	359	416	308	350
34926	68111	LEAD	4	80	99	101	115
34928	68111	LEAD	4	158	199	159	189
34930	68111	LEAD	4	344	444	297	371
34931	68111	LEAD	4	138	211	144	198
34934	68111	LEAD	5	256	417	231	351
34935	68111	LEAD	4	420	661	353	531
34936	68111	LEAD	5	260	846	235	668
34938	68111	LEAD	4	279	376	248	321
34940	68111	LEAD	1	178	178	173	173
34941	68111	LEAD	3	297	393	262	333
34942	68111	LEAD	4	265	464	238	386
34943	68111	LEAD	4	203	438	192	366
34944	68111	LEAD	4	403	822	340	650
34945	68111	LEAD	4	83	107	103	121
34946	68111	LEAD	4	131	185	139	179
34948	68111	LEAD	4	225	385	209	327
34950	68111	LEAD	4	213	245	200	224
34953	68111	LEAD	5	211	449	198	374
34954	68111	LEAD	5	345	695	297	556
34957	68111	LEAD	5	165	170	164	168
34958	68111	LEAD	4	208	491	196	405
34959	68111	LEAD	4	223	302	207	265
34960	68111	LEAD	4	397	480	336	397
34962	68111	LEAD	4	277	460	247	383
34963	68111	LEAD	5	313	555	274	453
34964	68111	LEAD	5	156	263	158	237
34966	68111	LEAD	4	339	424	293	356
34968	68111	LEAD	4	360	510	309	419
34971	68111	LEAD	4	302	448	265	374
34974	68111	LEAD	4	518	726	425	579
34977	68111	LEAD	3	275	430	246	360
34979	68111	LEAD	4	229	311	211	272
34981	68111	LEAD	5	184	264	178	238
34985	68111	LEAD	4	319	477	278	395
34990	68111	LEAD	4	180	213	175	199
34992	68111	LEAD	4	86	101	106	117
34993	68111	LEAD	4	371	608	316	492
34995	68111	LEAD	4	78	92	100	110
34996	68111	LEAD	4	311	730	272	583
34999	68111	LEAD	4	491	631	405	509
35002	68111	LEAD	4	320	368	279	314
35003	68111	LEAD	4	374	561	318	457
35005	68111	LEAD	5	586	1067	475	832

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35006	68111	LEAD	4	205	386	194	328
35011	68111	LEAD	4	288	340	255	294
35014	68111	LEAD	4	425	872	357	687
35023	68111	LEAD	4	353	517	304	425
35024	68111	LEAD	4	214	270	200	242
35026	68111	LEAD	4	305	658	268	529
35029	68111	LEAD	4	162	229	162	211
35032	68111	LEAD	4	249	487	226	402
35034	68111	LEAD	4	337	593	292	481
35035	68111	LEAD	4	203	224	192	208
35039	68111	LEAD	4	266	587	239	476
35041	68111	LEAD	4	204	445	193	372
35042	68111	LEAD	4	106	226	120	209
35043	68111	LEAD	4	140	181	145	176
35050	68111	LEAD	4	63	68	88	93
35054	68111	LEAD	4	305	644	267	518
35055	68111	LEAD	4	139	188	145	181
35056	68111	LEAD	4	288	412	255	347
35059	68111	LEAD	4	299	532	263	436
35061	68111	LEAD	4	223	333	207	289
35066	68111	LEAD	4	167	244	166	222
35072	68111	LEAD	4	166	198	165	188
35073	68111	LEAD	4	367	575	314	468
35076	68111	LEAD	4	297	353	262	304
35077	68111	LEAD	5	376	658	321	529
35079	68111	LEAD	4	70	105	93	119
35082	68111	LEAD	4	208	313	196	273
35083	68111	LEAD	5	61	80	87	102
35089	68111	LEAD	4	329	446	286	372
35094	68111	LEAD	4	175	216	172	202
35095	68111	LEAD	4	267	405	240	342
35097	68111	LEAD	4	253	450	229	375
35099	68111	LEAD	5	218	368	203	315
35101	68111	LEAD	4	232	446	214	372
35104	68111	LEAD	4	278	424	248	356
35106	68111	LEAD	4	253	566	229	461
35107	68111	LEAD	4	289	880	256	693
35108	68111	LEAD	3	120	226	131	209
35109	68111	LEAD	4	287	353	254	303
35112	68111	LEAD	4	886	2880	698	2173
35115	68111	LEAD	4	289	432	256	361
35117	68111	LEAD	4	560	709	457	567
35118	68111	LEAD	4	59	65	86	90
35119	68111	LEAD	4	302	480	265	397
35121	68111	LEAD	4	210	369	197	315

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35123	68111	LEAD	5	244	392	223	332
35124	68111	LEAD	4	290	407	256	343
35125	68111	LEAD	4	239	330	219	286
35128	68111	LEAD	4	244	323	223	281
35130	68111	LEAD	3	921	1264	724	977
35133	68111	LEAD	4	508	649	418	522
35136	68111	LEAD	4	154	230	156	213
35137	68111	LEAD	4	615	805	497	637
35138	68111	LEAD	3	183	211	178	198
35141	68111	LEAD	4	204	306	193	269
35142	68111	LEAD	3	175	287	171	254
35144	68111	LEAD	5	163	246	163	224
35145	68111	LEAD	2	154	222	156	206
35146	68111	LEAD	4	168	344	166	297
35149	68111	LEAD	4	412	573	347	466
35151	68111	LEAD	5	227	433	210	362
35152	68111	LEAD	4	332	560	288	456
35154	68111	LEAD	3	452	506	376	417
35155	68111	LEAD	4	303	394	266	334
35156	68111	LEAD	3	199	278	189	248
35161	68111	LEAD	4	254	495	230	408
35162	68111	LEAD	4	397	659	336	530
35163	68111	LEAD	4	294	383	259	326
35164	68111	LEAD	4	417	692	350	554
35165	68111	LEAD	5	473	720	392	575
35167	68111	LEAD	4	100	135	116	142
35173	68111	LEAD	4	3698	13490	2779	10025
35175	68111	LEAD	4	254	372	230	318
35179	68111	LEAD	2	118	147	129	151
35181	68111	LEAD	4	181	202	176	191
35186	68111	LEAD	4	261	302	235	265
35189	68111	LEAD	4	88	171	107	169
35193	68111	LEAD	4	323	390	281	331
35195	68111	LEAD	4	256	479	231	396
35201	68111	LEAD	4	323	439	281	367
35206	68111	LEAD	4	58	90	85	109
35214	68111	LEAD	4	128	202	137	192
35217	68111	LEAD	4	146	220	150	205
35218	68111	LEAD	4	108	118	122	129
35222	68111	LEAD	4	217	328	203	285
35223	68111	LEAD	4	112	168	125	167
35225	68111	LEAD	4	156	195	157	186
35227	68111	LEAD	4	369	621	315	502
35229	68111	LEAD	4	299	621	263	502
35231	68111	LEAD	4	212	405	199	342

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35232	68111	LEAD	3	229	475	211	393
35233	68111	LEAD	4	87	122	107	132
35236	68111	LEAD	4	284	463	252	384
35240	68111	LEAD	4	232	281	213	250
35242	68111	LEAD	4	319	563	278	458
35247	68111	LEAD	3	213	357	199	306
35251	68111	LEAD	5	289	352	256	303
35252	68111	LEAD	4	489	760	404	604
35262	68111	LEAD	4	225	334	209	289
35263	68111	LEAD	4	49	57	79	84
35266	68111	LEAD	4	172	193	169	185
35268	68111	LEAD	4	271	449	242	374
35269	68111	LEAD	4	102	111	117	124
35270	68111	LEAD	4	319	493	278	407
35271	68111	LEAD	3	187	246	180	224
35272	68111	LEAD	3	79	101	100	117
35273	68111	LEAD	4	565	828	460	655
35275	68111	LEAD	4	265	425	238	356
35277	68111	LEAD	4	351	678	302	544
35279	68111	LEAD	4	395	727	334	580
35281	68111	LEAD	3	193	258	185	233
35284	68111	LEAD	4	309	398	271	336
35285	68111	LEAD	5	398	463	336	385
35287	68111	LEAD	4	237	611	218	494
35288	68111	LEAD	4	312	617	273	498
35290	68111	LEAD	4	414	540	348	441
35291	68111	LEAD	4	362	507	310	417
35293	68111	LEAD	4	107	121	121	131
35294	68111	LEAD	4	231	360	213	308
35295	68111	LEAD	3	124	139	134	145
35296	68111	LEAD	4	396	930	335	730
35301	68111	LEAD	4	384	477	326	395
35305	68111	LEAD	4	308	416	270	350
35306	68111	LEAD	4	333	568	288	462
35309	68111	LEAD	4	281	350	250	301
35310	68111	LEAD	4	314	358	274	307
35311	68111	LEAD	4	254	429	230	359
35314	68111	LEAD	4	209	266	197	239
35316	68111	LEAD	4	587	1548	476	1188
35317	68111	LEAD	4	202	290	191	256
35322	68111	LEAD	4	262	353	236	303
35324	68111	LEAD	4	167	261	166	235
35328	68111	LEAD	4	181	409	176	345
35329	68111	LEAD	4	181	289	176	256
35332	68111	LEAD	4	215	365	201	312

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35334	68111	LEAD	4	187	241	180	220
35345	68111	LEAD	3	400	506	338	416
35350	68111	LEAD	5	132	226	139	209
35352	68111	LEAD	4	215	272	201	244
35354	68111	LEAD	3	122	148	132	152
35355	68111	LEAD	4	174	350	171	301
35359	68111	LEAD	4	249	483	226	399
35360	68111	LEAD	4	350	492	301	406
35367	68111	LEAD	4	247	502	225	414
35369	68111	LEAD	4	343	512	296	421
35373	68111	LEAD	4	184	226	178	210
35375	68111	LEAD	4	208	263	196	236
35376	68111	LEAD	4	239	474	219	393
35378	68111	LEAD	4	113	198	126	188
35382	68111	LEAD	4	144	220	148	205
35385	68111	LEAD	4	315	600	275	486
35387	68111	LEAD	4	112	173	125	170
35393	68111	LEAD	4	130	184	138	178
35394	68111	LEAD	4	93	143	110	148
35398	68111	LEAD	4	256	345	231	297
35399	68111	LEAD	4	218	307	204	269
35401	68111	LEAD	3	252	382	228	325
35404	68111	LEAD	6	227	353	210	303
35406	68111	LEAD	4	251	370	228	316
35407	68111	LEAD	4	504	783	415	621
35409	68111	LEAD	4	294	384	260	326
35411	68111	LEAD	4	306	1003	269	784
35412	68111	LEAD	4	129	146	138	150
35414	68111	LEAD	4	183	250	177	227
35415	68111	LEAD	4	124	154	134	156
35417	68111	LEAD	5	136	232	143	213
35418	68111	LEAD	4	210	253	198	229
35425	68111	LEAD	4	334	706	289	564
35427	68111	LEAD	5	131	191	139	183
35428	68111	LEAD	4	296	478	261	396
35429	68111	LEAD	4	299	475	263	393
35430	68111	LEAD	4	284	422	252	354
35435	68111	LEAD	4	226	315	209	275
35437	68111	LEAD	4	122	179	132	175
35442	68111	LEAD	3	268	504	240	415
35444	68111	LEAD	4	189	214	182	200
35448	68111	LEAD	3	428	675	359	542
35451	68111	LEAD	4	239	287	219	254
35453	68111	LEAD	4	420	609	353	493
35456	68111	LEAD	4	201	308	191	270

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35458	68111	LEAD	5	235	520	216	427
35460	68111	LEAD	4	280	470	249	390
35462	68111	LEAD	4	199	330	189	286
35466	68111	LEAD	3	248	299	225	263
35468	68111	LEAD	4	239	326	219	283
35469	68111	LEAD	4	302	867	266	684
35470	68111	LEAD	4	326	585	283	475
35473	68111	LEAD	4	341	429	294	359
35474	68111	LEAD	4	226	431	209	361
35475	68111	LEAD	4	227	315	210	275
35483	68111	LEAD	4	242	393	221	333
35488	68111	LEAD	4	207	401	195	339
35492	68111	LEAD	4	655	758	527	603
35495	68111	LEAD	4	115	130	127	138
35498	68111	LEAD	4	156	233	157	215
35499	68111	LEAD	4	262	396	236	335
35503	68111	LEAD	5	201	284	190	252
35506	68111	LEAD	4	374	596	319	483
35507	68111	LEAD	4	297	523	262	429
35509	68111	LEAD	4	257	324	232	282
35511	68111	LEAD	4	99	158	115	159
35513	68111	LEAD	4	174	255	171	230
35517	68111	LEAD	4	342	668	295	537
35518	68111	LEAD	2	232	246	214	224
35519	68111	LEAD	4	161	225	161	208
35521	68111	LEAD	4	154	235	156	216
35529	68111	LEAD	4	133	188	141	181
35534	68111	LEAD	4	255	318	231	277
35535	68111	LEAD	4	185	280	179	250
35536	68111	LEAD	4	193	371	185	317
35537	68111	LEAD	4	244	534	223	437
35538	68111	LEAD	4	129	259	137	233
35540	68111	LEAD	4	217	309	203	271
35545	68111	LEAD	4	141	243	147	222
35548	68111	LEAD	4	300	407	264	343
35550	68111	LEAD	4	362	512	310	421
35553	68111	LEAD	4	222	382	206	325
35556	68111	LEAD	4	123	226	133	210
35560	68111	LEAD	4	232	319	214	278
35561	68111	LEAD	4	225	364	208	311
35563	68111	LEAD	4	233	273	215	244
35564	68111	LEAD	4	145	285	150	253
35565	68111	LEAD	3	352	576	302	468
35567	68111	LEAD	4	562	1715	458	1311
35571	68111	LEAD	4	144	200	149	190

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35572	68111	LEAD	3	623	960	503	753
35574	68111	LEAD	4	252	342	228	295
35575	68111	LEAD	4	108	132	122	140
35576	68111	LEAD	4	213	322	199	280
35579	68111	LEAD	4	231	461	213	383
35580	68111	LEAD	4	48	66	78	91
35581	68111	LEAD	5	261	387	235	329
35584	68111	LEAD	5	111	145	124	149
35585	68111	LEAD	4	421	487	354	403
35587	68111	LEAD	4	206	320	194	279
35588	68111	LEAD	4	207	270	195	242
35590	68111	LEAD	4	56	98	83	115
35594	68111	LEAD	4	266	482	239	399
35596	68111	LEAD	1	221	221	205	205
35599	68111	LEAD	4	196	239	187	219
35600	68111	LEAD	4	63	73	88	96
35601	68111	LEAD	5	217	492	202	406
35602	68111	LEAD	4	89	130	108	138
35604	68111	LEAD	4	252	758	229	603
35605	68111	LEAD	4	362	495	310	408
35608	68111	LEAD	4	212	339	199	293
35610	68111	LEAD	1	95	95	112	112
35612	68111	LEAD	3	106	161	120	161
35613	68111	LEAD	5	70	86	94	106
35614	68111	LEAD	4	95	137	112	143
35615	68111	LEAD	3	186	303	180	266
35619	68111	LEAD	4	175	317	172	277
35620	68111	LEAD	4	85	107	105	121
35623	68111	LEAD	4	153	254	155	230
35624	68111	LEAD	4	100	113	116	125
35626	68111	LEAD	4	167	234	165	215
35630	68111	LEAD	4	215	296	201	261
35651	68111	LEAD	4	331	591	287	479
35652	68111	LEAD	4	190	310	183	272
35660	68111	LEAD	4	151	215	154	201
35666	68111	LEAD	4	185	305	179	268
35672	68111	LEAD	4	255	667	231	535
35675	68111	LEAD	4	429	892	359	702
35684	68111	LEAD	4	247	474	225	393
35685	68111	LEAD	4	256	305	232	268
35691	68111	LEAD	4	423	819	355	648
35692	68111	LEAD	4	130	203	138	192
35698	68111	LEAD	5	329	629	285	508
35700	68111	LEAD	4	85	121	105	132
35704	68111	LEAD	4	509	1845	419	1408

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35709	68111	LEAD	4	330	597	286	484
35711	68111	LEAD	4	550	1298	449	1003
35715	68111	LEAD	4	481	1006	398	786
35717	68111	LEAD	5	78	88	100	107
35718	68111	LEAD	5	48	55	78	82
35722	68111	LEAD	4	141	190	146	182
35723	68111	LEAD	5	140	246	146	224
35729	68111	LEAD	4	134	174	141	171
35730	68111	LEAD	4	81	135	102	142
35735	68111	LEAD	3	118	151	129	154
35736	68111	LEAD	4	94	107	112	121
35740	68111	LEAD	4	84	116	105	128
35743	68111	LEAD	4	182	228	177	211
35752	68111	LEAD	4	87	124	107	134
35755	68111	LEAD	4	343	634	296	511
35758	68111	LEAD	4	332	436	288	364
35761	68111	LEAD	4	71	80	95	101
35768	68111	LEAD	4	237	453	217	377
35773	68111	LEAD	4	271	373	242	318
35775	68111	LEAD	2	157	220	158	205
35776	68111	LEAD	4	162	261	162	235
35778	68111	LEAD	4	191	263	183	237
35781	68111	LEAD	4	359	712	307	569
35786	68111	LEAD	4	336	655	290	527
35789	68111	LEAD	4	215	361	201	309
35794	68111	LEAD	4	173	207	170	195
35798	68111	LEAD	4	100	153	116	155
35799	68111	LEAD	4	168	209	166	196
35801	68111	LEAD	4	150	221	153	206
35802	68111	LEAD	3	82	113	103	126
35803	68111	LEAD	4	210	332	197	288
35807	68111	LEAD	4	107	128	121	136
35810	68111	LEAD	4	234	441	215	369
35811	68111	LEAD	4	190	263	183	236
35813	68111	LEAD	4	143	188	148	181
35819	68111	LEAD	4	74	89	97	108
35820	68111	LEAD	4	92	149	110	152
35821	68111	LEAD	4	57	97	84	114
35822	68111	LEAD	4	48	68	78	92
35824	68111	LEAD	4	61	86	87	105
35825	68111	LEAD	4	160	230	160	212
35826	68111	LEAD	5	98	149	114	152
35828	68111	LEAD	4	95	143	112	148
35829	68111	LEAD	5	85	135	105	142
35830	68111	LEAD	4	283	503	251	414

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35831	68111	LEAD	4	296	492	261	406
35832	68111	LEAD	4	76	127	98	136
35833	68111	LEAD	4	77	93	99	111
35836	68111	LEAD	4	148	224	152	208
35837	68111	LEAD	4	58	62	85	88
35839	68111	LEAD	4	154	171	156	168
35840	68111	LEAD	4	64	130	89	139
35843	68111	LEAD	4	116	183	128	178
35844	68111	LEAD	5	115	166	127	165
35845	68111	LEAD	4	51	60	80	87
35848	68111	LEAD	4	52	62	81	88
35849	68111	LEAD	4	87	119	107	130
35853	68111	LEAD	4	89	140	108	146
35856	68111	LEAD	4	335	543	290	444
35858	68111	LEAD	4	207	335	195	290
35859	68111	LEAD	4	352	543	303	444
35863	68111	LEAD	4	327	718	284	573
35867	68111	LEAD	4	90	158	109	159
35868	68111	LEAD	4	230	543	212	444
35871	68111	LEAD	3	105	126	120	136
35872	68111	LEAD	4	137	183	143	177
35877	68111	LEAD	4	516	591	423	479
35880	68111	LEAD	4	93	143	111	148
35885	68111	LEAD	4	587	748	476	595
35886	68111	LEAD	4	313	429	274	359
35888	68111	LEAD	4	78	131	100	139
35890	68111	LEAD	4	193	305	185	268
35892	68111	LEAD	4	213	387	199	329
35915	68111	LEAD	2	159	190	159	183
35921	68111	LEAD	4	358	862	307	680
35930	68111	LEAD	4	250	270	227	241
35935	68111	LEAD	3	142	233	147	214
35936	68111	LEAD	4	87	107	106	121
35943	68111	LEAD	5	173	351	170	302
35945	68111	LEAD	4	86	126	105	136
35947	68111	LEAD	5	69	108	93	122
35948	68111	LEAD	5	52	66	81	91
35950	68111	LEAD	4	182	234	177	215
35958	68111	LEAD	4	194	292	186	258
35961	68111	LEAD	4	90	157	109	158
35964	68111	LEAD	4	189	246	182	224
35967	68111	LEAD	4	241	326	220	283
35969	68111	LEAD	4	157	229	158	212
35975	68111	LEAD	4	44	51	75	79
35977	68111	LEAD	4	162	236	162	217

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
35981	68111	LEAD	3	262	314	236	275
35984	68111	LEAD	4	417	641	351	516
35987	68111	LEAD	4	336	408	291	344
35990	68111	LEAD	4	213	309	200	271
35992	68111	LEAD	4	62	80	88	102
35994	68111	LEAD	4	117	181	129	176
35997	68111	LEAD	4	424	744	356	592
36000	68111	LEAD	4	205	321	194	280
36002	68111	LEAD	4	84	134	104	142
36007	68111	LEAD	4	246	697	224	558
36015	68111	LEAD	4	167	235	166	216
36017	68111	LEAD	4	350	452	301	377
36021	68111	LEAD	4	363	595	311	482
36023	68111	LEAD	4	56	72	84	95
36024	68111	LEAD	4	260	410	234	345
36027	68111	LEAD	4	202	304	191	267
36029	68111	LEAD	4	195	241	187	221
36036	68111	LEAD	4	240	294	220	260
36040	68111	LEAD	5	341	545	295	445
36043	68111	LEAD	4	99	159	116	160
36045	68111	LEAD	4	111	169	124	167
36046	68111	LEAD	4	80	115	101	127
36051	68111	LEAD	4	81	121	102	131
36056	68111	LEAD	4	125	158	134	159
36057	68111	LEAD	4	293	441	259	368
36065	68111	LEAD	2	232	265	214	238
36067	68111	LEAD	5	96	137	113	143
36069	68111	LEAD	4	148	158	152	159
36072	68111	LEAD	4	56	63	83	88
36073	68111	LEAD	4	209	409	197	345
36075	68111	LEAD	4	64	104	89	119
36077	68111	LEAD	4	108	220	122	205
36082	68111	LEAD	4	62	85	88	105
36091	68111	LEAD	4	83	118	103	129
36093	68111	LEAD	4	95	144	112	149
36095	68111	LEAD	4	144	233	149	214
36098	68111	LEAD	4	64	91	90	109
36100	68111	LEAD	4	59	67	86	91
36101	68111	LEAD	3	109	135	123	142
36109	68111	LEAD	4	78	117	100	129
36110	68111	LEAD	4	157	185	158	179
36112	68111	LEAD	4	60	78	86	100
36114	68111	LEAD	4	291	450	258	375
36116	68111	LEAD	4	346	519	298	426
36119	68111	LEAD	4	298	414	262	348

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
36120	68111	LEAD	5	173	310	170	272
36125	68111	LEAD	4	88	171	107	169
36126	68111	LEAD	4	191	336	184	291
36130	68111	LEAD	4	99	200	115	190
36133	68111	LEAD	4	106	130	121	138
36137	68111	LEAD	3	196	199	187	189
36138	68111	LEAD	4	146	224	150	208
36139	68111	LEAD	4	271	306	243	269
36141	68111	LEAD	4	236	271	216	243
36144	68111	LEAD	4	443	939	370	737
36147	68111	LEAD	4	157	281	158	250
36151	68111	LEAD	4	272	578	243	470
36154	68111	LEAD	5	144	210	148	197
36156	68111	LEAD	4	212	351	199	302
36158	68111	LEAD	4	203	214	192	201
36162	68111	LEAD	5	469	753	389	599
36166	68111	LEAD	4	338	663	292	533
36167	68111	LEAD	5	150	190	153	183
36177	68111	LEAD	4	90	109	108	122
36186	68111	LEAD	4	77	110	99	124
36188	68111	LEAD	4	53	65	81	90
36190	68111	LEAD	2	33	36	66	68
36193	68111	LEAD	4	85	122	105	132
36194	68111	LEAD	3	73	84	96	104
36196	68111	LEAD	4	95	133	112	140
36197	68111	LEAD	5	150	262	153	236
36198	68111	LEAD	4	62	86	88	105
36199	68111	LEAD	4	355	627	305	506
36201	68111	LEAD	4	77	131	99	139
36202	68111	LEAD	4	65	97	90	114
36203	68111	LEAD	2	232	235	214	216
36204	68111	LEAD	4	62	81	88	102
36207	68111	LEAD	4	240	384	220	326
36208	68111	LEAD	4	211	406	198	342
36209	68111	LEAD	4	182	313	177	273
36210	68111	LEAD	4	198	232	188	214
36212	68111	LEAD	4	51	99	79	115
36213	68111	LEAD	4	155	212	157	199
36217	68111	LEAD	4	288	402	255	339
36218	68111	LEAD	4	286	342	254	295
36220	68111	LEAD	4	65	78	90	100
36221	68111	LEAD	4	138	182	144	177
36224	68111	LEAD	5	165	196	164	187
36225	68111	LEAD	4	52	91	81	110
36232	68111	LEAD	4	161	186	161	179

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
36233	68111	LEAD	4	214	559	200	456
36236	68111	LEAD	4	73	130	96	138
36238	68111	LEAD	4	88	109	107	122
36239	68111	LEAD	4	54	65	82	90
36243	68111	LEAD	4	82	114	103	126
36246	68111	LEAD	4	1445	3585	1111	2695
36247	68111	LEAD	4	274	546	245	446
36249	68111	LEAD	4	140	244	146	222
36251	68111	LEAD	4	210	281	197	250
36253	68111	LEAD	4	116	170	128	167
36255	68111	LEAD	4	190	254	183	230
36257	68111	LEAD	4	156	174	157	171
36258	68111	LEAD	4	107	143	121	147
36259	68111	LEAD	4	398	727	337	580
36260	68111	LEAD	4	413	507	347	418
36261	68111	LEAD	4	312	608	273	492
36262	68111	LEAD	4	69	120	93	131
36263	68111	LEAD	4	403	823	340	651
36264	68111	LEAD	4	195	263	186	237
36265	68111	LEAD	4	140	200	146	190
36269	68111	LEAD	4	210	235	197	216
36270	68111	LEAD	4	61	76	87	98
36272	68111	LEAD	4	270	327	242	284
36273	68111	LEAD	4	289	480	256	397
36274	68111	LEAD	4	40	48	72	78
36275	68111	LEAD	4	246	389	224	330
36278	68111	LEAD	4	278	460	248	382
36279	68111	LEAD	4	113	214	125	200
36280	68111	LEAD	4	333	466	288	387
36281	68111	LEAD	3	66	80	91	101
36288	68111	LEAD	4	389	542	330	443
36289	68111	LEAD	4	57	79	84	100
36298	68111	LEAD	4	194	247	185	225
36300	68111	LEAD	4	218	434	203	363
36302	68111	LEAD	4	192	247	184	225
36305	68111	LEAD	4	99	180	115	176
36309	68111	LEAD	4	63	73	88	96
36311	68111	LEAD	4	152	227	155	210
36313	68111	LEAD	4	136	234	143	215
36315	68111	LEAD	4	98	151	114	154
36320	68111	LEAD	4	104	200	119	190
36323	68111	LEAD	4	238	457	218	380
36324	68111	LEAD	3	194	236	185	216
36325	68111	LEAD	5	91	192	109	184
36329	68111	LEAD	4	47	72	77	96

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
36330	68111	LEAD	4	77	98	99	115
36331	68111	LEAD	4	142	157	147	158
36337	68111	LEAD	4	31	37	65	69
36340	68111	LEAD	4	190	258	183	233
36341	68111	LEAD	3	215	276	201	246
36351	68111	LEAD	4	90	145	108	149
36353	68111	LEAD	5	47	60	76	87
36354	68111	LEAD	4	317	367	277	314
36356	68111	LEAD	5	146	206	150	194
36357	68111	LEAD	4	188	269	181	241
36358	68111	LEAD	4	264	474	237	392
36366	68111	LEAD	4	25	28	60	63
36370	68111	LEAD	4	50	69	79	93
36372	68111	LEAD	4	257	524	232	430
36383	68111	LEAD	5	258	368	233	315
36386	68111	LEAD	4	495	792	408	628
36388	68111	LEAD	4	268	361	240	309
36390	68111	LEAD	4	94	105	111	120
36392	68111	LEAD	4	206	388	195	329
36394	68111	LEAD	4	417	1101	351	857
36396	68111	LEAD	4	227	402	210	339
36399	68111	LEAD	4	417	742	350	591
36402	68111	LEAD	4	270	373	242	318
36405	68111	LEAD	3	77	101	99	117
36408	68111	LEAD	4	415	636	349	513
36409	68111	LEAD	4	517	770	425	612
36410	68111	LEAD	4	427	1216	358	942
36416	68111	LEAD	4	305	540	268	442
36419	68111	LEAD	4	208	273	196	244
36427	68111	LEAD	4	222	298	207	263
36430	68111	LEAD	4	420	684	353	548
36431	68111	LEAD	4	96	126	113	135
36437	68111	LEAD	4	394	615	333	497
36438	68111	LEAD	4	347	479	299	397
36441	68111	LEAD	4	675	1111	541	864
36442	68111	LEAD	4	455	643	379	518
36444	68111	LEAD	4	268	457	240	380
36446	68111	LEAD	4	474	747	393	595
36448	68111	LEAD	4	606	1272	491	983
36452	68111	LEAD	4	284	696	252	557
36464	68111	LEAD	4	206	330	195	286
36466	68111	LEAD	4	69	94	93	112
36467	68111	LEAD	4	368	530	314	434
36470	68111	LEAD	5	365	867	312	683
36473	68111	LEAD	3	368	439	315	367

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
36474	68111	LEAD	3	262	495	236	408
36478	68111	LEAD	4	493	643	407	518
36479	68111	LEAD	4	392	528	332	433
36489	68111	LEAD	4	297	590	262	478
36493	68111	LEAD	4	201	372	191	317
36494	68111	LEAD	4	215	331	201	287
36500	68111	LEAD	4	229	336	211	291
36505	68111	LEAD	4	540	627	442	506
36507	68111	LEAD	4	352	596	303	483
36510	68111	LEAD	4	288	399	255	337
36512	68111	LEAD	4	372	473	317	392
36514	68111	LEAD	4	365	561	312	457
36516	68111	LEAD	4	513	1517	421	1165
36517	68111	LEAD	4	65	93	90	111
36518	68111	LEAD	4	199	260	189	235
36522	68111	LEAD	4	217	347	203	299
36527	68111	LEAD	4	298	430	263	360
36530	68111	LEAD	4	276	557	247	454
36531	68111	LEAD	4	214	248	200	225
36532	68111	LEAD	4	160	246	161	224
36540	68111	LEAD	4	261	377	235	321
36545	68111	LEAD	3	351	389	302	330
36546	68111	LEAD	4	606	776	491	616
36547	68111	LEAD	4	487	601	402	487
36553	68111	LEAD	4	551	916	450	720
36557	68111	LEAD	4	370	679	316	545
36574	68111	LEAD	5	54	107	82	121
36589	68111	LEAD	5	158	230	159	212
36617	68111	LEAD	4	283	491	251	405
36619	68111	LEAD	4	452	644	376	518
36623	68111	LEAD	4	437	581	366	472
36629	68111	LEAD	4	260	346	235	298
36637	68111	LEAD	3	131	140	139	146
36639	68111	LEAD	4	226	432	209	362
36640	68111	LEAD	2	323	361	281	309
36643	68111	LEAD	2	190	214	182	200
36645	68111	LEAD	4	53	69	81	93
36649	68111	LEAD	4	234	355	216	305
36656	68111	LEAD	4	365	423	312	355
36677	68111	LEAD	4	421	591	354	479
36678	68111	LEAD	4	307	355	269	305
36679	68111	LEAD	4	99	112	115	125
36683	68111	LEAD	4	69	121	93	131
36689	68111	LEAD	4	220	387	205	329
36690	68111	LEAD	3	264	461	238	383

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
36700	68111	LEAD	4	396	512	335	421
36701	68111	LEAD	4	470	796	390	631
36706	68111	LEAD	4	394	664	334	533
36709	68111	LEAD	4	355	481	304	398
36711	68111	LEAD	4	299	488	263	403
36713	68111	LEAD	3	530	586	434	476
36715	68111	LEAD	4	488	854	403	674
36721	68111	LEAD	4	229	344	212	297
36726	68111	LEAD	4	334	477	289	395
36733	68111	LEAD	4	198	339	188	293
36747	68111	LEAD	4	143	267	148	239
36749	68111	LEAD	4	254	394	230	334
36755	68111	LEAD	4	149	182	152	177
36769	68111	LEAD	3	381	641	324	517
36774	68111	LEAD	4	376	648	320	521
36781	68111	LEAD	4	215	424	201	356
36785	68111	LEAD	4	301	452	265	377
36789	68111	LEAD	4	128	139	136	145
36793	68111	LEAD	4	126	195	135	186
36806	68111	LEAD	4	334	643	289	518
36807	68111	LEAD	4	214	284	201	252
36810	68111	LEAD	4	228	302	211	265
36817	68111	LEAD	5	258	471	233	390
36819	68111	LEAD	4	190	225	183	209
36821	68111	LEAD	4	186	244	180	222
36824	68111	LEAD	4	122	155	132	157
36830	68111	LEAD	4	184	194	178	186
36832	68111	LEAD	4	320	471	279	391
36836	68111	LEAD	4	347	591	299	479
36844	68111	LEAD	4	137	290	144	256
36845	68111	LEAD	4	209	409	197	345
36846	68111	LEAD	4	289	550	256	449
36855	68111	LEAD	4	100	115	116	127
36856	68111	LEAD	4	129	158	137	159
36861	68111	LEAD	4	169	282	167	251
36869	68111	LEAD	4	371	412	317	347
36873	68111	LEAD	4	93	111	111	124
36877	68111	LEAD	5	380	638	323	514
36882	68111	LEAD	4	246	401	224	339
36885	68111	LEAD	4	139	160	145	161
36888	68111	LEAD	4	304	435	267	364
36897	68111	LEAD	4	860	2456	678	1859
36899	68111	LEAD	4	276	348	246	299
36901	68111	LEAD	4	148	181	151	176
36907	68111	LEAD	4	210	275	197	245

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
36911	68111	LEAD	4	272	411	243	346
36916	68111	LEAD	4	221	346	205	298
36923	68111	LEAD	4	204	254	193	230
36927	68111	LEAD	4	111	156	124	157
36931	68111	LEAD	4	148	206	151	195
36936	68111	LEAD	5	244	337	223	292
36938	68111	LEAD	4	158	260	159	234
36942	68111	LEAD	3	345	445	297	371
36943	68111	LEAD	4	288	374	255	319
36957	68111	LEAD	4	332	748	287	596
36958	68111	LEAD	4	106	159	120	160
36959	68111	LEAD	4	94	101	111	117
36960	68111	LEAD	2	118	135	129	142
36979	68111	LEAD	4	226	436	209	365
36980	68111	LEAD	4	158	263	159	237
36985	68111	LEAD	4	190	341	183	295
36988	68111	LEAD	4	320	433	279	362
36991	68111	LEAD	4	151	234	154	215
37002	68111	LEAD	4	179	314	174	274
37010	68111	LEAD	5	222	361	206	309
37011	68111	LEAD	4	338	614	292	496
37016	68111	LEAD	5	125	174	135	171
37018	68111	LEAD	4	252	385	228	327
37019	68111	LEAD	4	424	505	356	416
37020	68111	LEAD	4	294	492	260	406
37023	68111	LEAD	4	227	387	210	328
37025	68111	LEAD	5	286	461	254	383
37031	68111	LEAD	4	103	173	118	170
37036	68111	LEAD	4	93	168	111	166
37037	68111	LEAD	4	503	782	414	620
37045	68111	LEAD	4	70	133	94	141
37048	68111	LEAD	4	220	279	205	249
37049	68111	LEAD	4	317	391	277	331
37050	68111	LEAD	4	421	781	353	620
37053	68111	LEAD	4	316	455	276	379
37054	68111	LEAD	4	166	268	165	240
37062	68111	LEAD	4	278	426	248	357
37063	68111	LEAD	3	300	326	264	284
37066	68111	LEAD	4	423	993	355	776
37070	68111	LEAD	4	245	396	223	335
37078	68111	LEAD	5	386	607	327	491
37084	68111	LEAD	4	84	119	104	130
37087	68111	LEAD	4	202	223	192	207
37089	68111	LEAD	5	57	75	84	97
37090	68111	LEAD	4	212	273	199	244

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
37097	68111	LEAD	4	270	369	242	315
37099	68111	LEAD	4	540	681	442	546
37103	68111	LEAD	4	213	384	200	326
37105	68111	LEAD	4	241	357	221	306
37109	68111	LEAD	4	419	725	352	579
37111	68111	LEAD	4	440	747	368	595
37116	68111	LEAD	4	274	391	245	331
37121	68111	LEAD	4	274	289	245	256
37122	68111	LEAD	4	325	447	282	373
37125	68111	LEAD	4	291	669	258	537
37126	68111	LEAD	4	262	349	236	301
37128	68111	LEAD	4	419	696	352	557
37133	68111	LEAD	4	249	299	226	263
37134	68111	LEAD	4	117	194	129	185
37151	68111	LEAD	4	147	253	151	229
37156	68111	LEAD	4	201	290	191	257
37161	68111	LEAD	2	163	175	163	171
37165	68111	LEAD	4	338	805	292	638
37168	68111	LEAD	4	195	238	186	218
37169	68111	LEAD	4	234	344	215	296
37170	68111	LEAD	4	52	74	81	96
37171	68111	LEAD	4	129	281	137	250
37175	68111	LEAD	4	221	277	206	247
37176	68111	LEAD	4	294	522	260	429
37181	68111	LEAD	4	172	223	169	207
37184	68111	LEAD	4	458	571	381	464
37185	68111	LEAD	4	195	282	186	251
37189	68111	LEAD	4	331	510	287	420
37191	68111	LEAD	4	330	734	286	585
37193	68111	LEAD	4	123	147	133	151
37204	68111	LEAD	4	295	580	260	471
37210	68111	LEAD	4	246	305	224	267
37211	68111	LEAD	5	278	689	247	552
37219	68111	LEAD	4	179	217	175	203
37223	68111	LEAD	4	167	210	166	197
37224	68111	LEAD	4	262	495	236	408
37226	68111	LEAD	3	251	394	228	334
37233	68111	LEAD	4	201	362	191	310
37235	68111	LEAD	4	241	286	220	253
37237	68111	LEAD	4	77	81	99	102
37259	68111	LEAD	4	165	224	164	208
37261	68111	LEAD	4	119	183	130	178
37265	68111	LEAD	4	118	140	129	146
37271	68111	LEAD	3	147	249	151	226
37276	68111	LEAD	4	432	482	362	399

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
37277	68111	LEAD	4	243	308	222	270
37285	68111	LEAD	4	222	334	206	290
37296	68111	LEAD	4	417	548	350	448
37301	68111	LEAD	4	64	71	89	95
37302	68111	LEAD	4	273	488	244	403
37310	68111	LEAD	4	315	442	275	369
37313	68111	LEAD	4	136	159	142	160
37314	68111	LEAD	4	203	305	192	267
37320	68111	LEAD	4	71	106	95	120
37321	68111	LEAD	4	577	1192	469	924
37333	68111	LEAD	4	133	158	140	159
37335	68111	LEAD	4	348	709	299	567
37339	68111	LEAD	4	151	228	154	211
37349	68111	LEAD	4	560	869	456	685
37353	68111	LEAD	4	530	866	434	683
37355	68111	LEAD	4	159	190	159	183
37359	68111	LEAD	4	106	149	121	152
37361	68111	LEAD	4	176	253	172	229
37365	68111	LEAD	4	257	341	232	294
37367	68111	LEAD	5	355	706	305	564
37385	68111	LEAD	4	119	221	130	205
37389	68111	LEAD	4	141	286	146	254
37399	68111	LEAD	3	212	296	199	261
37400	68111	LEAD	4	148	186	152	180
37402	68111	LEAD	4	235	336	216	290
37403	68111	LEAD	4	209	274	197	245
37404	68111	LEAD	4	213	243	199	222
37406	68111	LEAD	4	201	277	191	247
37414	68111	LEAD	4	103	205	118	194
37415	68111	LEAD	4	277	400	247	338
37422	68111	LEAD	4	83	114	103	127
37430	68111	LEAD	4	409	761	345	605
37432	68111	LEAD	5	96	194	113	186
37440	68111	LEAD	4	130	173	139	170
37452	68111	LEAD	4	166	285	165	253
37454	68111	LEAD	4	186	205	180	194
37459	68111	LEAD	4	610	1096	493	853
37461	68111	LEAD	4	199	281	189	250
37465	68111	LEAD	5	314	744	274	592
37468	68111	LEAD	4	74	80	97	101
37470	68111	LEAD	4	191	318	183	277
37476	68111	LEAD	4	240	294	219	260
37479	68111	LEAD	4	96	130	113	138
37483	68111	LEAD	4	196	225	187	208
37486	68111	LEAD	4	229	495	211	408

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
37491	68111	LEAD	4	177	219	173	204
37494	68111	LEAD	4	220	301	204	265
37497	68111	LEAD	4	194	272	186	244
37502	68111	LEAD	4	132	161	140	161
37503	68111	LEAD	4	288	569	255	463
37504	68111	LEAD	4	184	291	178	258
37505	68111	LEAD	4	147	197	151	187
37506	68111	LEAD	4	260	422	234	355
37507	68111	LEAD	4	144	258	149	233
37508	68111	LEAD	4	363	481	311	398
37510	68111	LEAD	4	162	193	162	185
37512	68111	LEAD	4	216	249	201	226
37517	68111	LEAD	4	83	117	103	129
37546	68111	LEAD	4	330	572	286	465
37550	68111	LEAD	4	69	83	93	104
37552	68111	LEAD	4	258	824	233	652
37577	68111	LEAD	4	455	829	378	655
37579	68111	LEAD	4	311	466	272	387
37582	68111	LEAD	4	199	280	189	249
37588	68111	LEAD	4	51	64	80	89
37589	68111	LEAD	4	260	341	235	294
37592	68111	LEAD	4	187	276	180	246
37601	68111	LEAD	4	92	149	110	152
37610	68111	LEAD	4	324	456	281	379
37612	68111	LEAD	4	230	364	213	312
37620	68111	LEAD	4	244	364	222	311
37622	68111	LEAD	4	405	672	341	539
37623	68111	LEAD	4	120	197	131	188
37627	68111	LEAD	4	430	636	360	513
37633	68111	LEAD	4	430	885	360	697
37636	68111	LEAD	4	321	582	279	473
37639	68111	LEAD	5	272	323	244	281
37640	68111	LEAD	4	137	195	143	186
37641	68111	LEAD	5	245	469	224	389
37642	68111	LEAD	4	334	524	289	430
37646	68111	LEAD	4	123	179	133	174
37647	68111	LEAD	4	269	324	241	282
37648	68111	LEAD	4	287	613	254	496
37649	68111	LEAD	3	321	394	280	334
37651	68111	LEAD	3	199	296	189	261
37653	68111	LEAD	4	320	382	279	325
37655	68111	LEAD	4	346	645	298	520
37658	68111	LEAD	4	181	339	176	293
37659	68111	LEAD	4	192	269	184	241
37660	68111	LEAD	5	73	139	96	145

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
37662	68111	LEAD	4	257	515	232	423
37666	68111	LEAD	3	790	869	626	685
37675	68111	LEAD	4	126	207	136	195
37684	68111	LEAD	5	242	380	221	323
37691	68111	LEAD	4	250	271	227	242
37698	68111	LEAD	4	252	581	228	472
37699	68111	LEAD	5	256	360	231	308
37702	68111	LEAD	4	352	512	303	421
37722	68111	LEAD	4	482	1247	399	965
37730	68111	LEAD	5	337	898	291	706
37738	68111	LEAD	5	235	444	216	371
37741	68111	LEAD	4	218	276	203	246
37743	68111	LEAD	4	524	899	430	708
37747	68111	LEAD	4	199	221	189	205
37748	68111	LEAD	4	316	427	276	358
37754	68111	LEAD	4	216	353	202	303
37755	68111	LEAD	4	313	512	273	421
37756	68111	LEAD	4	73	107	96	121
37758	68111	LEAD	3	271	323	243	281
37760	68111	LEAD	4	175	254	171	230
37769	68111	LEAD	4	145	212	149	199
37771	68111	LEAD	4	630	1032	508	806
37775	68111	LEAD	4	148	196	152	187
37776	68111	LEAD	4	195	304	186	267
37780	68111	LEAD	4	318	423	277	355
37782	68111	LEAD	4	166	182	165	177
37785	68111	LEAD	4	475	703	394	562
37786	68111	LEAD	4	186	439	179	367
37789	68111	LEAD	4	276	375	246	320
37791	68111	LEAD	4	394	573	333	466
37795	68111	LEAD	4	78	98	100	115
37800	68111	LEAD	4	342	523	295	429
37825	68111	LEAD	4	195	221	186	206
37829	68111	LEAD	4	126	189	136	182
37833	68111	LEAD	4	84	90	104	109
37859	68111	LEAD	4	305	686	268	550
37862	68111	LEAD	4	126	170	135	167
37882	68111	LEAD	4	183	220	177	204
37884	68111	LEAD	4	348	559	300	455
37890	68111	LEAD	5	121	142	132	147
37892	68111	LEAD	4	264	348	238	299
37899	68111	LEAD	4	87	122	107	132
37901	68111	LEAD	4	235	317	216	277
37905	68111	LEAD	4	322	465	280	386
37906	68111	LEAD	4	81	115	102	127

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
37907	68111	LEAD	4	692	1269	554	981
37914	68111	LEAD	4	314	402	274	339
37920	68111	LEAD	4	140	186	146	180
37922	68111	LEAD	4	408	530	344	434
37923	68111	LEAD	4	810	1580	641	1211
37927	68111	LEAD	4	214	303	200	266
37929	68111	LEAD	4	458	881	381	694
37934	68111	LEAD	6	427	645	358	519
37939	68111	LEAD	4	280	425	249	356
37940	68111	LEAD	4	274	436	245	365
37942	68111	LEAD	4	271	425	242	356
37945	68111	LEAD	4	304	506	267	417
37959	68111	LEAD	4	248	292	226	258
37971	68111	LEAD	4	119	129	130	137
37972	68111	LEAD	4	328	733	285	584
37989	68111	LEAD	3	221	271	206	242
37990	68111	LEAD	4	145	164	149	164
37992	68111	LEAD	4	179	251	174	228
37994	68111	LEAD	5	129	252	137	229
37998	68111	LEAD	5	85	118	105	129
38001	68111	LEAD	4	168	217	166	203
38003	68111	LEAD	4	433	575	362	468
38007	68111	LEAD	4	81	105	102	120
38009	68111	LEAD	4	132	192	140	184
38010	68111	LEAD	4	108	137	122	143
38030	68111	LEAD	4	117	136	129	143
38036	68111	LEAD	4	143	271	148	243
38042	68111	LEAD	4	306	489	269	404
38043	68111	LEAD	5	205	323	193	281
38047	68111	LEAD	4	191	458	184	381
38049	68111	LEAD	4	338	577	292	469
38050	68111	LEAD	4	206	246	195	224
38051	68111	LEAD	5	86	140	105	146
38054	68111	LEAD	4	97	153	114	155
38055	68111	LEAD	4	179	284	174	252
38059	68111	LEAD	3	208	307	196	269
38062	68111	LEAD	2	200	233	190	215
38066	68111	LEAD	5	179	323	174	281
38068	68111	LEAD	4	229	402	211	339
38080	68111	LEAD	4	79	100	101	116
38087	68111	LEAD	4	43	105	74	120
38099	68111	LEAD	4	184	262	178	236
38103	68111	LEAD	4	154	163	156	163
38104	68111	LEAD	2	307	336	269	290
38112	68111	LEAD	4	205	372	194	317

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
38114	68111	LEAD	3	166	213	165	200
38117	68111	LEAD	3	201	245	191	224
38121	68111	LEAD	4	253	521	229	427
38123	68111	LEAD	4	176	476	172	394
38134	68111	LEAD	4	183	256	177	231
38140	68111	LEAD	4	105	114	120	126
38141	68111	LEAD	4	123	208	133	196
38142	68111	LEAD	4	216	317	202	277
38144	68111	LEAD	5	404	609	341	493
38149	68111	LEAD	4	399	897	337	706
38150	68111	LEAD	4	179	522	175	428
38152	68111	LEAD	4	238	367	218	313
38157	68111	LEAD	4	233	526	215	431
38168	68111	LEAD	4	208	262	196	236
38171	68111	LEAD	4	218	276	204	246
38172	68111	LEAD	4	117	159	128	160
38174	68111	LEAD	4	113	244	126	222
38175	68111	LEAD	3	601	1162	487	902
38177	68111	LEAD	2	60	68	86	93
38179	68111	LEAD	4	49	62	79	88
38181	68111	LEAD	4	147	158	151	159
38182	68111	LEAD	5	66	122	91	132
38184	68111	LEAD	4	112	154	125	156
38185	68111	LEAD	4	153	189	155	182
38186	68111	LEAD	4	179	230	174	213
38191	68111	LEAD	4	128	151	136	154
38199	68111	LEAD	4	62	70	88	94
38200	68111	LEAD	4	88	118	107	129
38201	68111	LEAD	4	65	71	90	95
38202	68111	LEAD	4	94	144	112	148
38206	68111	LEAD	4	100	132	116	140
38207	68111	LEAD	4	182	215	176	201
38210	68111	LEAD	4	111	141	124	147
38213	68111	LEAD	4	134	210	141	197
38214	68111	LEAD	4	92	112	110	125
38216	68111	LEAD	4	74	92	97	110
38218	68111	LEAD	4	160	218	161	204
38221	68111	LEAD	4	196	285	187	253
38222	68111	LEAD	4	113	162	126	162
38224	68111	LEAD	4	167	199	166	189
38228	68111	LEAD	4	301	856	265	676
38230	68111	LEAD	4	109	126	123	135
38231	68111	LEAD	4	240	311	220	272
38253	68111	LEAD	4	140	220	145	205
38254	68111	LEAD	4	112	196	125	187

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
38261	68111	LEAD	5	321	454	279	378
38265	68111	LEAD	3	186	257	180	232
38268	68111	LEAD	4	82	113	103	126
38269	68111	LEAD	4	266	604	239	489
38271	68111	LEAD	5	278	547	247	447
38274	68111	LEAD	4	227	263	210	236
38281	68111	LEAD	4	52	63	81	89
38286	68111	LEAD	4	174	277	171	247
38291	68111	LEAD	4	227	277	210	247
38294	68111	LEAD	4	217	358	203	307
38300	68111	LEAD	4	89	111	108	124
38304	68111	LEAD	4	128	200	137	190
38316	68111	LEAD	4	100	118	116	129
38320	68111	LEAD	5	134	150	141	153
38356	68111	LEAD	4	92	136	110	143
38359	68111	LEAD	4	82	104	103	119
38363	68111	LEAD	4	101	130	117	138
38369	68111	LEAD	4	198	262	189	236
38372	68111	LEAD	3	166	231	165	213
38375	68111	LEAD	4	155	238	157	218
38379	68111	LEAD	3	204	276	193	246
38383	68111	LEAD	6	496	1052	409	820
38392	68111	LEAD	4	231	339	213	293
38393	68111	LEAD	4	242	438	221	366
38399	68111	LEAD	4	371	549	317	448
38404	68111	LEAD	3	239	284	219	252
38405	68111	LEAD	2	242	311	221	272
38406	68111	LEAD	4	325	437	282	365
38407	68111	LEAD	2	414	612	349	495
38408	68111	LEAD	4	212	265	199	238
38411	68111	LEAD	3	379	568	323	462
38414	68111	LEAD	3	142	191	147	183
38419	68111	LEAD	4	240	303	219	266
38421	68111	LEAD	4	298	445	263	371
38425	68111	LEAD	4	234	274	215	245
38426	68111	LEAD	4	144	164	149	163
38429	68111	LEAD	4	263	426	236	357
38437	68111	LEAD	4	269	416	241	350
38439	68111	LEAD	4	136	176	143	173
38440	68111	LEAD	4	239	479	219	396
38446	68111	LEAD	3	274	325	245	283
38449	68111	LEAD	4	155	263	156	237
38452	68111	LEAD	4	113	156	126	157
38456	68111	LEAD	4	153	214	155	200
38478	68111	LEAD	4	220	248	205	226

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
38485	68111	LEAD	4	282	426	251	357
38486	68111	LEAD	4	303	423	266	355
38489	68111	LEAD	4	206	279	194	248
38492	68111	LEAD	4	312	459	273	382
38495	68111	LEAD	4	253	467	230	388
38500	68111	LEAD	3	294	479	259	396
38504	68111	LEAD	3	151	218	154	203
38508	68111	LEAD	4	141	210	147	197
38511	68111	LEAD	5	156	265	158	238
38520	68111	LEAD	4	323	503	281	414
38522	68111	LEAD	4	286	351	254	302
38524	68111	LEAD	3	362	719	310	574
38525	68111	LEAD	4	319	469	278	389
38527	68111	LEAD	4	161	247	161	225
38528	68111	LEAD	2	437	469	365	389
38530	68111	LEAD	4	492	1503	406	1154
38536	68111	LEAD	2	196	251	187	228
38543	68111	LEAD	3	348	559	299	456
38546	68111	LEAD	4	394	612	334	495
38551	68111	LEAD	2	381	468	324	388
38568	68111	LEAD	4	256	408	231	344
38572	68111	LEAD	4	663	1211	532	938
38581	68111	LEAD	4	239	320	219	279
38582	68111	LEAD	3	372	559	318	456
38585	68111	LEAD	4	137	189	144	182
38587	68111	LEAD	4	152	193	155	185
38592	68111	LEAD	4	301	442	264	369
38593	68111	LEAD	4	156	192	157	184
38607	68111	LEAD	3	145	200	149	190
38613	68111	LEAD	5	175	343	171	296
38615	68111	LEAD	4	325	508	282	418
38618	68111	LEAD	3	204	287	193	255
38619	68111	LEAD	3	458	530	381	434
38621	68111	LEAD	4	291	455	257	379
38623	68111	LEAD	4	219	244	204	222
38627	68111	LEAD	3	180	205	175	194
38632	68111	LEAD	3	187	296	181	261
38639	68111	LEAD	4	276	360	246	308
38645	68111	LEAD	4	275	335	246	290
38648	68111	LEAD	4	290	476	257	394
38652	68111	LEAD	5	230	435	212	364
38653	68111	LEAD	4	386	486	328	402
38660	68111	LEAD	3	275	327	246	284
38682	68111	LEAD	4	471	901	391	709
38700	68111	LEAD	4	471	675	390	541

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
38706	68111	LEAD	4	172	214	169	200
38708	68111	LEAD	2	189	203	182	192
38709	68111	LEAD	4	648	1543	522	1184
38713	68111	LEAD	4	266	345	239	297
38715	68111	LEAD	4	214	346	200	298
38716	68111	LEAD	4	192	233	184	215
38718	68111	LEAD	4	402	664	340	533
38721	68111	LEAD	2	223	245	207	223
38724	68111	LEAD	4	97	103	114	118
38726	68111	LEAD	4	422	870	355	686
38729	68111	LEAD	4	245	410	224	345
38731	68111	LEAD	4	138	223	144	207
38735	68111	LEAD	4	141	228	147	211
38737	68111	LEAD	5	207	430	195	360
38744	68111	LEAD	4	155	207	157	195
38746	68111	LEAD	4	183	323	177	281
38754	68111	LEAD	4	156	191	158	183
38759	68111	LEAD	4	260	459	235	382
38760	68111	LEAD	4	192	422	184	354
38762	68111	LEAD	4	172	301	169	264
38767	68111	LEAD	4	402	484	339	400
38769	68111	LEAD	4	224	257	208	232
38775	68111	LEAD	4	903	1016	710	794
38776	68111	LEAD	5	298	591	262	479
38780	68111	LEAD	3	157	243	158	222
38781	68111	LEAD	4	550	846	449	668
38783	68111	LEAD	3	372	736	317	587
38784	68111	LEAD	4	431	819	361	648
38786	68111	LEAD	4	170	212	168	199
38789	68111	LEAD	2	420	616	353	498
38792	68111	LEAD	3	384	456	326	380
38805	68111	LEAD	4	316	368	276	314
38809	68111	LEAD	5	168	203	166	192
38816	68111	LEAD	4	330	404	286	341
38819	68111	LEAD	4	290	388	256	329
38822	68111	LEAD	4	264	528	237	433
38825	68111	LEAD	4	219	496	204	409
38831	68111	LEAD	3	191	255	183	231
38836	68111	LEAD	4	222	329	206	286
38842	68111	LEAD	4	216	286	202	254
38845	68111	LEAD	4	325	484	282	400
38848	68111	LEAD	2	87	88	106	107
38849	68111	LEAD	4	139	307	145	269
38857	68111	LEAD	4	188	285	181	253
38859	68111	LEAD	4	364	420	312	353

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
38862	68111	LEAD	4	120	245	131	223
38864	68111	LEAD	4	180	260	175	234
38866	68111	LEAD	4	510	933	419	732
38867	68111	LEAD	4	855	1171	674	908
38874	68111	LEAD	4	294	328	260	285
38881	68111	LEAD	3	305	578	268	470
38884	68111	LEAD	3	188	286	181	254
38886	68111	LEAD	5	203	396	192	335
38891	68111	LEAD	5	417	534	351	437
38895	68111	LEAD	4	139	244	145	223
38899	68111	LEAD	3	335	643	290	518
38903	68111	LEAD	4	424	709	356	567
38908	68111	LEAD	4	333	723	289	577
38914	68111	LEAD	3	305	509	268	418
38915	68111	LEAD	4	138	156	144	158
38930	68111	LEAD	2	117	122	129	132
49155	68111	LEAD	4	352	426	302	358
49162	68111	LEAD	4	202	262	191	236
49163	68111	LEAD	4	247	316	225	276
49168	68111	LEAD	4	79	105	100	119
49169	68111	LEAD	4	172	273	169	244
49203	68111	LEAD	3	342	579	295	471
49238	68111	LEAD	4	149	217	152	203
49311	68111	LEAD	4	160	204	160	193
49312	68111	LEAD	4	233	327	214	284
49313	68111	LEAD	4	303	488	266	403
49314	68111	LEAD	4	264	294	238	260
49316	68111	LEAD	4	89	119	108	130
49319	68111	LEAD	4	294	499	260	411
49321	68111	LEAD	4	46	80	76	101
49322	68111	LEAD	4	166	339	165	293
49323	68111	LEAD	4	169	487	167	403
49324	68111	LEAD	4	42	67	73	92
49325	68111	LEAD	4	231	257	213	233
49326	68111	LEAD	4	653	832	525	658
49327	68111	LEAD	4	171	208	168	196
49328	68111	LEAD	4	201	314	191	274
49340	68111	LEAD	4	59	81	86	102
49341	68111	LEAD	4	28	38	63	70
49345	68111	LEAD	4	80	93	101	111
49352	68111	LEAD	4	366	508	313	418
49353	68111	LEAD	4	103	241	118	221
49354	68111	LEAD	4	351	621	302	502
50001	68111	LEAD	4	91	98	109	114
50002	68111	LEAD	4	153	214	155	200

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50003	68111	LEAD	4	127	192	136	184
50004	68111	LEAD	4	93	130	111	138
50006	68111	LEAD	4	96	158	113	159
50010	68111	LEAD	4	75	82	97	103
50013	68111	LEAD	4	132	181	140	176
50014	68111	LEAD	4	187	369	181	315
50015	68111	LEAD	4	137	175	143	171
50016	68111	LEAD	4	101	121	117	131
50017	68111	LEAD	4	297	630	262	508
50018	68111	LEAD	4	150	169	153	167
50019	68111	LEAD	4	213	417	200	351
50020	68111	LEAD	4	140	217	146	203
50021	68111	LEAD	4	138	173	144	170
50022	68111	LEAD	4	153	234	155	215
50023	68111	LEAD	4	187	244	180	222
50024	68111	LEAD	4	171	304	169	267
50025	68111	LEAD	4	89	158	108	159
50026	68111	LEAD	4	141	247	146	225
50027	68111	LEAD	4	112	157	125	158
50028	68111	LEAD	3	87	100	107	116
50029	68111	LEAD	3	124	169	134	167
50030	68111	LEAD	3	136	241	143	221
50033	68111	LEAD	4	144	181	149	176
50035	68111	LEAD	4	156	246	157	224
50038	68111	LEAD	4	356	568	306	462
50040	68111	LEAD	4	249	315	226	275
50041	68111	LEAD	4	76	98	98	114
50042	68111	LEAD	4	51	65	80	90
50043	68111	LEAD	4	80	115	101	127
50044	68111	LEAD	4	56	60	84	87
50045	68111	LEAD	4	84	122	104	133
50046	68111	LEAD	4	40	51	71	79
50047	68111	LEAD	4	108	149	122	153
50048	68111	LEAD	4	71	95	95	113
50049	68111	LEAD	4	38	46	70	76
50050	68111	LEAD	4	61	78	87	100
50051	68111	LEAD	4	54	78	82	100
50052	68111	LEAD	4	60	82	86	103
50053	68111	LEAD	4	74	89	96	108
50054	68111	LEAD	4	52	65	81	90
50055	68111	LEAD	4	58	107	85	121
50056	68111	LEAD	4	88	117	107	129
50057	68111	LEAD	4	66	81	91	102
50058	68111	LEAD	4	65	101	90	117
50059	68111	LEAD	4	54	68	82	92

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50060	68111	LEAD	4	52	69	81	93
50061	68111	LEAD	4	71	125	94	135
50062	68111	LEAD	4	122	198	132	188
50063	68111	LEAD	4	76	133	98	140
50064	68111	LEAD	3	68	88	92	107
50065	68111	LEAD	4	39	45	71	75
50066	68111	LEAD	4	42	48	73	78
50067	68111	LEAD	4	74	111	97	124
50068	68111	LEAD	4	55	90	83	109
50069	68111	LEAD	4	117	166	128	165
50071	68111	LEAD	4	65	82	90	103
50072	68111	LEAD	4	37	58	70	85
50073	68111	LEAD	4	38	46	70	76
50074	68111	LEAD	4	154	251	156	228
50075	68111	LEAD	4	116	204	128	193
50076	68111	LEAD	4	105	169	119	167
50077	68111	LEAD	4	90	151	108	154
50078	68111	LEAD	4	131	203	139	192
50079	68111	LEAD	4	107	174	121	171
50080	68111	LEAD	4	100	230	116	213
50081	68111	LEAD	4	65	70	90	94
50082	68111	LEAD	4	66	109	91	122
50083	68111	LEAD	4	76	124	98	134
50084	68111	LEAD	4	96	152	113	155
50085	68111	LEAD	4	60	80	86	101
50086	68111	LEAD	4	50	80	79	101
50087	68111	LEAD	4	82	173	103	170
50088	68111	LEAD	4	59	78	86	100
50089	68111	LEAD	4	63	70	89	94
50090	68111	LEAD	4	68	86	92	105
50092	68111	LEAD	4	45	51	75	79
50093	68111	LEAD	4	61	74	87	96
50094	68111	LEAD	4	64	93	90	111
50095	68111	LEAD	4	118	240	129	220
50096	68111	LEAD	4	105	277	120	247
50097	68111	LEAD	4	178	305	174	268
50098	68111	LEAD	4	88	153	107	155
50099	68111	LEAD	4	158	280	159	249
50100	68111	LEAD	4	124	211	134	198
50101	68111	LEAD	4	49	60	78	87
50102	68111	LEAD	4	174	273	171	244
50103	68111	LEAD	4	189	327	182	284
50104	68111	LEAD	4	151	287	154	254
50105	68111	LEAD	4	147	259	151	234
50106	68111	LEAD	4	136	151	143	154

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50107	68111	LEAD	4	82	122	103	132
50108	68111	LEAD	4	109	128	123	137
50109	68111	LEAD	4	110	143	124	148
50110	68111	LEAD	4	71	97	94	113
50111	68111	LEAD	4	270	718	242	573
50112	68111	LEAD	4	66	110	91	123
50113	68111	LEAD	4	98	165	114	164
50114	68111	LEAD	4	126	213	136	200
50115	68111	LEAD	2	74	86	97	106
50116	68111	LEAD	2	61	62	87	88
50117	68111	LEAD	4	62	104	88	119
50118	68111	LEAD	4	126	209	135	197
50119	68111	LEAD	4	49	58	78	85
50120	68111	LEAD	4	108	195	122	187
50121	68111	LEAD	4	296	639	261	515
50122	68111	LEAD	4	113	157	126	158
50123	68111	LEAD	4	137	180	143	175
50124	68111	LEAD	4	76	98	98	114
50125	68111	LEAD	4	79	84	100	104
50126	68111	LEAD	4	71	77	95	99
50127	68111	LEAD	4	192	343	184	296
50128	68111	LEAD	4	157	246	158	224
50129	68111	LEAD	4	222	316	206	276
50130	68111	LEAD	4	203	316	192	276
50131	68111	LEAD	4	216	362	202	310
50132	68111	LEAD	4	191	245	183	223
50133	68111	LEAD	4	179	208	175	196
50145	68111	LEAD	4	59	74	86	97
50146	68111	LEAD	4	52	73	80	96
50148	68111	LEAD	4	76	114	98	126
50149	68111	LEAD	4	65	95	90	112
50150	68111	LEAD	4	70	94	94	112
50151	68111	LEAD	4	63	75	88	98
50152	68111	LEAD	4	90	113	109	126
50355	68111	LEAD	4	191	281	183	250
50356	68111	LEAD	4	149	226	152	209
50363	68111	LEAD	4	124	181	134	176
50364	68111	LEAD	4	107	134	121	141
50369	68111	LEAD	4	101	174	116	170
50378	68111	LEAD	4	200	440	190	367
50383	68111	LEAD	4	158	278	159	248
50384	68111	LEAD	4	198	437	188	366
50391	68111	LEAD	4	168	227	167	210
50393	68111	LEAD	4	199	313	190	274
50397	68111	LEAD	4	162	268	162	240

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
50398	68111	LEAD	4	152	238	154	218
50399	68111	LEAD	4	192	327	184	284
50402	68111	LEAD	4	100	107	116	121
50403	68111	LEAD	4	140	191	146	184
50404	68111	LEAD	4	100	115	116	127
50405	68111	LEAD	3	173	219	170	204
50406	68111	LEAD	4	90	107	109	121
50407	68111	LEAD	4	96	121	113	131
50408	68111	LEAD	4	113	127	125	136
50409	68111	LEAD	4	107	138	121	144
50410	68111	LEAD	4	101	120	116	131
50411	68111	LEAD	4	70	103	94	118
50412	68111	LEAD	4	103	136	118	143
50413	68111	LEAD	4	110	147	123	151
50414	68111	LEAD	4	84	114	104	127
50415	68111	LEAD	4	103	135	118	142
50416	68111	LEAD	4	125	147	134	151
50417	68111	LEAD	4	94	108	112	122
50418	68111	LEAD	4	142	227	147	210
50419	68111	LEAD	4	97	142	114	147
50424	68111	LEAD	4	108	179	122	175
50428	68111	LEAD	4	130	150	138	153
50431	68111	LEAD	4	119	138	130	144
50432	68111	LEAD	4	123	167	133	166
50434	68111	LEAD	4	80	110	102	124
50435	68111	LEAD	4	121	180	132	175
50442	68111	LEAD	4	302	461	266	383
50447	68111	LEAD	5	208	244	196	223
50475	68111	LEAD	4	113	213	126	200
50502	68111	LEAD	4	290	391	257	332
50507	68111	LEAD	4	254	440	230	367
50519	68111	LEAD	4	89	127	108	136
50564	68111	LEAD	4	21	27	57	62
50612	68111	LEAD	4	118	157	129	158
50650	68111	LEAD	4	122	246	132	224
52413	68111	LEAD	4	146	209	150	196
57755	68111	LEAD	4	267	638	239	514
57756	68111	LEAD	4	203	287	192	254
58433	68111	LEAD	4	32	41	65	72
58439	68111	LEAD	2	3890	5934	2921	4433
61621	68111	LEAD	4	131	155	139	157
63239	68111	LEAD	4	97	120	114	131
63248	68111	LEAD	5	48	64	78	89
63640	68111	LEAD	4	304	466	267	387
63736	68111	LEAD	1	165	165	164	164

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
63751	68111	LEAD	5	88	129	107	138
63752	68111	LEAD	4	153	210	155	197
64031	68111	LEAD	4	629	1435	507	1104
65483	68111	LEAD	4	110	273	123	244
68066	68111	LEAD	4	47	107	77	121
68067	68111	LEAD	3	83	142	103	147
68070	68111	LEAD	4	279	430	249	360
68498	68111	LEAD	5	129	159	137	160
68686	68111	LEAD	4	119	164	130	163
68689	68111	LEAD	4	63	74	88	96
68930	68111	LEAD	4	235	303	216	266
73737	68111	LEAD	4	197	455	188	379
73862	68111	LEAD	4	57	70	84	94
73865	68111	LEAD	4	111	180	124	175
74264	68111	LEAD	4	163	265	163	238
74664	68111	LEAD	2	284	298	252	263
74834	68111	LEAD	4	192	259	184	234
74835	68111	LEAD	4	246	263	224	237
74839	68111	LEAD	4	135	158	142	159
74841	68111	LEAD	4	180	287	175	254
75011	68111	LEAD	2	372	502	317	414
75648	68111	LEAD	4	15	18	53	55
77146	68111	LEAD	4	241	414	220	348
77760	68111	LEAD	4	169	209	167	196
79655	68111	LEAD	4	357	668	306	537
79703	68111	LEAD	4	284	332	252	288
79704	68111	LEAD	4	320	452	278	377
82429	68111	LEAD	4	394	999	334	781
82430	68111	LEAD	2	464	539	385	441
83717	68111	LEAD	4	86	146	106	150
86655	68111	LEAD	2	43	48	74	78
87599	68111	LEAD	1	188	188	181	181
87761	68111	LEAD	4	199	282	189	251
87901	68111	LEAD	4	116	129	128	138
89447	68111	LEAD	4	264	428	237	359
89598	68111	LEAD	4	721	1658	575	1269
89835	68111	LEAD	4	74	82	96	103
89893	68111	LEAD	4	302	636	266	512
89895	68111	LEAD	4	246	618	224	499
89996	68111	LEAD	4	462	975	384	763
90022	68111	LEAD	4	179	247	175	225
90023	68111	LEAD	4	239	338	219	292
90107	68111	LEAD	4	92	104	110	119
90373	68111	LEAD	4	68	89	92	108
90374	68111	LEAD	5	63	74	89	96

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
90375	68111	LEAD	4	83	133	103	140
90528	68111	LEAD	4	125	234	134	215
90975	68111	LEAD	4	176	228	172	211
91234	68111	LEAD	4	167	185	165	179
91331	68111	LEAD	4	365	869	312	685
91335	68111	LEAD	4	191	271	183	243
91416	68111	LEAD	4	197	362	188	310
91926	68111	LEAD	4	64	144	89	148
91927	68111	LEAD	4	35	49	68	79
562	68112	LEAD	3	156	223	158	207
2269	68112	LEAD	4	324	742	282	591
3113	68112	LEAD	4	250	331	227	287
5328	68112	LEAD	4	319	604	278	489
39713	68112	LEAD	5	348	710	299	567
39714	68112	LEAD	4	357	536	306	438
39715	68112	LEAD	3	474	1139	393	885
39717	68112	LEAD	5	278	372	247	317
39722	68112	LEAD	3	235	304	216	267
39729	68112	LEAD	4	86	138	106	144
39737	68112	LEAD	4	114	149	126	152
39740	68112	LEAD	5	441	997	368	780
39744	68112	LEAD	4	320	428	279	359
39746	68112	LEAD	4	407	713	343	570
39750	68112	LEAD	4	146	189	150	182
39751	68112	LEAD	4	92	126	110	135
39752	68112	LEAD	3	408	445	344	371
39755	68112	LEAD	4	168	282	166	250
39761	68112	LEAD	3	259	303	234	267
39765	68112	LEAD	3	378	464	322	386
39775	68112	LEAD	4	127	216	136	201
39786	68112	LEAD	4	302	572	265	465
39809	68112	LEAD	5	374	534	319	437
39812	68112	LEAD	4	331	624	287	503
39820	68112	LEAD	3	274	376	245	321
39822	68112	LEAD	4	386	620	328	501
39823	68112	LEAD	4	267	385	239	327
39829	68112	LEAD	5	399	1036	338	808
39834	68112	LEAD	5	317	438	277	366
39840	68112	LEAD	5	402	1100	339	856
39845	68112	LEAD	4	207	314	195	274
39846	68112	LEAD	4	138	215	144	201
39874	68112	LEAD	5	252	391	228	332
39924	68112	LEAD	4	270	453	242	377
39928	68112	LEAD	4	290	621	257	501
39931	68112	LEAD	4	289	388	256	329

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
39937	68112	LEAD	4	251	400	227	338
39941	68112	LEAD	4	172	292	169	258
39945	68112	LEAD	5	262	431	236	361
39951	68112	LEAD	5	456	928	380	728
39957	68112	LEAD	5	152	266	155	239
39961	68112	LEAD	4	202	337	191	291
39965	68112	LEAD	4	292	405	258	342
39968	68112	LEAD	4	290	442	256	369
39970	68112	LEAD	4	154	278	156	248
39983	68112	LEAD	5	154	261	156	235
39988	68112	LEAD	4	271	420	243	353
39991	68112	LEAD	4	304	457	267	380
39998	68112	LEAD	4	339	658	293	529
40016	68112	LEAD	4	599	955	485	749
40027	68112	LEAD	4	407	741	343	591
40040	68112	LEAD	5	444	602	371	488
40046	68112	LEAD	4	285	400	253	338
40058	68112	LEAD	4	129	243	137	222
40072	68112	LEAD	4	183	310	178	271
40077	68112	LEAD	4	114	216	126	202
40079	68112	LEAD	4	240	308	219	270
40082	68112	LEAD	4	214	360	200	308
40087	68112	LEAD	4	491	695	405	556
40094	68112	LEAD	4	197	299	187	263
40135	68112	LEAD	4	124	156	134	157
40141	68112	LEAD	4	225	295	208	260
40144	68112	LEAD	5	260	378	234	322
40150	68112	LEAD	4	152	176	154	173
40159	68112	LEAD	3	174	179	171	174
40164	68112	LEAD	4	272	403	243	340
40174	68112	LEAD	4	250	367	227	314
40184	68112	LEAD	4	407	830	343	657
40186	68112	LEAD	4	144	210	149	198
40190	68112	LEAD	3	195	263	187	237
40192	68112	LEAD	4	109	131	123	139
40194	68112	LEAD	5	445	1073	371	836
40196	68112	LEAD	4	154	327	156	284
40205	68112	LEAD	4	187	276	180	246
40206	68112	LEAD	4	289	601	256	487
40217	68112	LEAD	4	450	1197	375	928
40240	68112	LEAD	4	175	272	172	243
40247	68112	LEAD	5	176	305	173	267
40253	68112	LEAD	4	193	440	185	367
40268	68112	LEAD	4	101	176	117	172
40277	68112	LEAD	4	149	177	152	173

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
40299	68112	LEAD	4	946	1023	742	799
40311	68112	LEAD	3	223	312	207	273
40317	68112	LEAD	4	206	230	195	213
40324	68112	LEAD	4	227	336	210	291
40332	68112	LEAD	3	127	206	136	194
40361	68112	LEAD	4	318	588	277	477
40370	68112	LEAD	4	588	844	477	667
40371	68112	LEAD	4	234	337	215	292
40380	68112	LEAD	4	228	392	211	332
40391	68112	LEAD	4	210	497	198	410
40402	68112	LEAD	4	268	351	240	302
40404	68112	LEAD	2	170	202	168	191
40409	68112	LEAD	4	536	774	439	615
40410	68112	LEAD	5	252	415	229	349
40411	68112	LEAD	3	233	304	215	267
40412	68112	LEAD	5	173	302	170	266
40414	68112	LEAD	4	166	329	165	285
40421	68112	LEAD	4	123	183	133	177
40423	68112	LEAD	2	87	104	106	119
40429	68112	LEAD	4	186	378	180	321
40431	68112	LEAD	4	154	184	156	178
40443	68112	LEAD	4	270	397	242	336
40452	68112	LEAD	4	537	1017	440	795
40474	68112	LEAD	4	159	237	160	218
40480	68112	LEAD	4	245	335	223	290
40486	68112	LEAD	4	49	66	78	91
40498	68112	LEAD	4	208	479	196	396
40508	68112	LEAD	4	520	660	427	531
40509	68112	LEAD	4	230	321	212	279
40518	68112	LEAD	5	202	324	191	282
40523	68112	LEAD	2	224	262	208	236
40527	68112	LEAD	4	217	303	203	266
40529	68112	LEAD	3	343	668	296	537
40534	68112	LEAD	4	269	321	241	280
40538	68112	LEAD	3	242	486	221	402
40547	68112	LEAD	5	129	176	137	173
40662	68112	LEAD	4	293	545	259	446
40663	68112	LEAD	4	855	1930	675	1470
40671	68112	LEAD	4	153	207	155	195
40673	68112	LEAD	3	211	244	198	223
40695	68112	LEAD	3	179	192	174	184
40705	68112	LEAD	4	247	460	225	383
40748	68112	LEAD	3	81	103	102	118
40758	68112	LEAD	4	118	180	129	175
40781	68112	LEAD	4	215	324	201	282

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
40783	68112	LEAD	4	228	526	211	432
40800	68112	LEAD	4	160	390	161	330
40858	68112	LEAD	5	167	276	165	246
40879	68112	LEAD	4	170	249	168	226
40894	68112	LEAD	4	259	339	234	293
40905	68112	LEAD	4	207	365	195	312
40914	68112	LEAD	4	411	834	347	659
40949	68112	LEAD	4	239	295	219	261
40994	68112	LEAD	4	231	341	213	294
40997	68112	LEAD	4	341	436	295	365
40999	68112	LEAD	4	226	418	209	352
41000	68112	LEAD	3	505	776	416	616
41005	68112	LEAD	4	223	314	207	275
41006	68112	LEAD	5	319	728	278	581
41009	68112	LEAD	3	161	308	161	270
41012	68112	LEAD	4	124	251	133	228
41015	68112	LEAD	4	278	503	247	414
41029	68112	LEAD	4	391	628	332	507
41031	68112	LEAD	3	107	114	121	126
41063	68112	LEAD	5	346	564	298	459
41071	68112	LEAD	5	204	239	193	219
41099	68112	LEAD	4	299	473	264	392
41117	68112	LEAD	4	91	147	109	150
41120	68112	LEAD	3	209	236	197	217
41137	68112	LEAD	3	145	166	149	165
41144	68112	LEAD	4	222	342	206	295
41157	68112	LEAD	4	247	390	225	331
41189	68112	LEAD	4	509	723	418	577
41210	68112	LEAD	4	253	729	229	581
41214	68112	LEAD	4	307	479	269	396
41229	68112	LEAD	4	182	250	176	227
41242	68112	LEAD	4	360	720	308	575
41254	68112	LEAD	4	395	791	334	627
41271	68112	LEAD	4	386	939	327	737
41347	68112	LEAD	4	107	140	121	145
49205	68112	LEAD	4	387	590	329	479
45344	68117	LEAD	6	25	32	60	65
45593	68117	LEAD	4	67	97	91	114
15	68131	LEAD	2	2207	2785	1675	2103
29	68131	LEAD	3	390	597	331	484
61	68131	LEAD	2	22	24	58	60
63	68131	LEAD	3	538	1133	440	880
120	68131	LEAD	2	1110	1387	863	1068
160	68131	LEAD	3	209	300	197	264
825	68131	LEAD	3	359	442	308	369

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
896	68131	LEAD	1	108	108	122	122
906	68131	LEAD	4	548	848	447	670
949	68131	LEAD	4	231	357	213	306
955	68131	LEAD	4	266	386	239	328
968	68131	LEAD	3	334	475	289	394
974	68131	LEAD	3	238	386	218	327
1006	68131	LEAD	4	327	551	284	450
1080	68131	LEAD	1	917	917	721	721
1088	68131	LEAD	4	554	758	452	603
1112	68131	LEAD	3	315	421	275	354
1113	68131	LEAD	3	312	620	273	501
1198	68131	LEAD	5	112	237	125	218
1216	68131	LEAD	4	454	546	378	446
1231	68131	LEAD	5	262	348	236	299
1304	68131	LEAD	4	156	252	157	228
1516	68131	LEAD	1	737	737	588	588
2079	68131	LEAD	4	67	116	92	128
2086	68131	LEAD	4	385	540	327	442
2097	68131	LEAD	2	279	298	248	263
2100	68131	LEAD	4	284	456	252	379
2155	68131	LEAD	4	357	478	306	396
2156	68131	LEAD	3	74	83	97	103
2165	68131	LEAD	4	1624	3016	1243	2274
2168	68131	LEAD	4	188	278	181	248
2200	68131	LEAD	4	254	361	230	309
2282	68131	LEAD	2	220	270	205	242
2316	68131	LEAD	4	319	489	278	404
2321	68131	LEAD	2	94	129	112	137
2335	68131	LEAD	5	484	880	400	693
2341	68131	LEAD	4	453	496	377	409
2361	68131	LEAD	3	498	654	411	526
2368	68131	LEAD	4	254	371	230	317
2412	68131	LEAD	4	533	814	437	644
2413	68131	LEAD	4	189	222	182	206
2417	68131	LEAD	2	134	137	142	143
2419	68131	LEAD	1	764	764	607	607
2423	68131	LEAD	2	428	567	358	462
2426	68131	LEAD	3	242	316	221	276
2428	68131	LEAD	4	149	231	152	213
2429	68131	LEAD	2	145	196	149	187
2430	68131	LEAD	5	103	259	118	233
3050	68131	LEAD	3	264	316	238	276
3056	68131	LEAD	4	181	325	176	283
3071	68131	LEAD	4	627	1489	506	1144
3142	68131	LEAD	4	276	373	246	318

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
3144	68131	LEAD	4	295	424	260	356
3179	68131	LEAD	4	271	423	243	355
3221	68131	LEAD	5	307	459	269	382
5017	68131	LEAD	4	386	796	327	631
5036	68131	LEAD	6	138	218	144	203
5037	68131	LEAD	4	244	382	222	325
5045	68131	LEAD	4	301	517	265	424
5047	68131	LEAD	4	274	351	245	302
5063	68131	LEAD	4	399	645	337	519
5082	68131	LEAD	3	266	441	239	368
5096	68131	LEAD	5	154	221	156	206
5150	68131	LEAD	4	402	549	340	448
5151	68131	LEAD	4	187	359	180	307
5153	68131	LEAD	4	172	211	169	198
5154	68131	LEAD	4	232	318	214	278
5186	68131	LEAD	4	446	520	372	427
5187	68131	LEAD	4	493	711	407	568
5188	68131	LEAD	6	335	733	290	585
5195	68131	LEAD	4	216	332	202	288
5196	68131	LEAD	4	478	599	396	485
5197	68131	LEAD	4	194	286	186	254
5259	68131	LEAD	4	479	774	397	614
5260	68131	LEAD	4	324	410	282	345
5265	68131	LEAD	4	352	475	303	394
5266	68131	LEAD	4	336	543	291	444
5267	68131	LEAD	4	384	582	326	473
5269	68131	LEAD	4	446	613	372	496
5270	68131	LEAD	4	399	829	337	655
5271	68131	LEAD	4	251	417	228	350
5272	68131	LEAD	5	598	1134	484	881
5275	68131	LEAD	4	576	951	469	746
5276	68131	LEAD	4	300	492	264	406
5277	68131	LEAD	4	230	428	212	358
5278	68131	LEAD	4	387	574	329	467
5297	68131	LEAD	4	114	131	126	139
5298	68131	LEAD	4	184	344	178	296
5299	68131	LEAD	4	212	270	199	241
5373	68131	LEAD	4	401	705	339	564
5374	68131	LEAD	2	271	317	242	276
5375	68131	LEAD	4	437	692	365	554
5376	68131	LEAD	2	269	306	241	269
5377	68131	LEAD	2	196	199	187	189
5378	68131	LEAD	3	310	379	271	322
5379	68131	LEAD	4	258	364	233	311
5380	68131	LEAD	3	680	901	546	709

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
5384	68131	LEAD	3	481	536	398	439
5627	68131	LEAD	4	506	637	416	514
5685	68131	LEAD	4	429	580	360	471
5688	68131	LEAD	4	294	327	260	284
22791	68131	LEAD	3	209	358	197	307
22793	68131	LEAD	4	278	332	248	288
22794	68131	LEAD	4	221	252	205	228
22797	68131	LEAD	4	133	299	140	263
22809	68131	LEAD	3	192	355	184	305
22814	68131	LEAD	2	114	137	126	143
22835	68131	LEAD	4	253	312	229	273
22839	68131	LEAD	4	148	212	152	199
22843	68131	LEAD	4	208	396	196	335
22845	68131	LEAD	4	332	402	287	340
22846	68131	LEAD	4	351	480	302	397
22848	68131	LEAD	4	344	574	296	467
22854	68131	LEAD	3	255	355	231	304
22855	68131	LEAD	4	322	398	280	337
22856	68131	LEAD	4	306	349	268	300
22857	68131	LEAD	4	467	797	387	632
22858	68131	LEAD	5	125	203	135	192
22865	68131	LEAD	4	369	530	315	434
22867	68131	LEAD	3	369	484	315	400
22869	68131	LEAD	4	460	637	383	514
22870	68131	LEAD	4	159	269	160	241
22871	68131	LEAD	4	496	990	409	775
22872	68131	LEAD	2	176	187	172	181
22874	68131	LEAD	2	405	475	342	394
22875	68131	LEAD	4	367	603	313	488
22878	68131	LEAD	3	216	308	202	270
22880	68131	LEAD	4	606	767	491	609
22881	68131	LEAD	3	330	455	286	379
22895	68131	LEAD	2	292	303	258	267
22902	68131	LEAD	4	381	692	324	554
22906	68131	LEAD	2	457	479	380	396
22907	68131	LEAD	3	540	646	442	520
22910	68131	LEAD	4	284	416	253	350
22912	68131	LEAD	3	936	1217	734	943
22913	68131	LEAD	4	348	358	299	307
22914	68131	LEAD	2	208	223	196	207
22915	68131	LEAD	3	428	433	359	362
22916	68131	LEAD	2	165	181	164	176
22929	68131	LEAD	2	423	474	355	393
22944	68131	LEAD	4	162	237	162	218
22947	68131	LEAD	4	279	358	248	307

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
22948	68131	LEAD	2	124	133	134	140
22949	68131	LEAD	4	269	456	241	380
22952	68131	LEAD	3	394	536	333	439
22958	68131	LEAD	4	183	279	177	248
22959	68131	LEAD	4	90	126	109	136
22963	68131	LEAD	3	202	380	191	323
22965	68131	LEAD	4	267	345	240	297
22966	68131	LEAD	2	157	216	158	202
22967	68131	LEAD	4	852	2111	673	1604
22969	68131	LEAD	3	158	212	159	199
22970	68131	LEAD	3	227	313	210	274
22971	68131	LEAD	4	398	634	337	511
22974	68131	LEAD	3	478	678	396	544
22977	68131	LEAD	4	131	177	139	173
22980	68131	LEAD	4	115	153	127	155
22981	68131	LEAD	4	242	424	221	356
22984	68131	LEAD	4	158	279	159	249
22989	68131	LEAD	4	137	162	143	162
22990	68131	LEAD	4	196	247	187	225
22994	68131	LEAD	2	253	280	230	249
22995	68131	LEAD	4	292	429	258	359
22997	68131	LEAD	4	287	363	255	311
22999	68131	LEAD	4	499	663	411	532
23002	68131	LEAD	4	259	636	233	513
23003	68131	LEAD	3	701	915	561	719
23007	68131	LEAD	3	504	650	415	523
23009	68131	LEAD	2	411	441	346	368
23010	68131	LEAD	4	324	455	282	379
23016	68131	LEAD	4	346	397	298	336
23018	68131	LEAD	4	56	65	83	90
23023	68131	LEAD	2	514	516	422	424
23025	68131	LEAD	4	536	753	438	599
23028	68131	LEAD	4	87	128	106	137
23031	68131	LEAD	2	518	689	425	552
23032	68131	LEAD	3	514	954	422	748
23042	68131	LEAD	2	448	527	373	432
23043	68131	LEAD	4	738	1284	588	992
23044	68131	LEAD	4	367	505	313	416
23045	68131	LEAD	2	606	782	490	620
23046	68131	LEAD	3	235	287	216	254
23051	68131	LEAD	2	62	76	88	98
23056	68131	LEAD	3	207	261	195	235
23059	68131	LEAD	2	418	517	351	424
23061	68131	LEAD	2	309	441	271	368
23069	68131	LEAD	3	814	1374	645	1059

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23072	68131	LEAD	3	322	476	280	394
23074	68131	LEAD	4	269	348	241	300
23078	68131	LEAD	4	223	346	207	298
23079	68131	LEAD	4	782	1934	621	1473
23080	68131	LEAD	4	61	103	87	118
23081	68131	LEAD	4	531	715	435	571
23082	68131	LEAD	4	387	444	328	371
23086	68131	LEAD	4	312	414	273	349
23090	68131	LEAD	4	142	199	147	189
23091	68131	LEAD	4	540	772	441	613
23092	68131	LEAD	4	171	215	169	201
23093	68131	LEAD	4	294	356	260	305
23094	68131	LEAD	4	388	650	329	523
23097	68131	LEAD	4	532	885	436	697
23098	68131	LEAD	3	550	697	449	558
23100	68131	LEAD	4	230	377	212	321
23102	68131	LEAD	3	320	480	279	397
23103	68131	LEAD	4	166	238	164	218
23106	68131	LEAD	4	234	314	215	274
23107	68131	LEAD	3	147	190	151	183
23108	68131	LEAD	4	100	127	116	136
23109	68131	LEAD	2	122	135	132	142
23110	68131	LEAD	4	622	1402	502	1079
23111	68131	LEAD	4	258	554	233	452
23112	68131	LEAD	4	841	1683	665	1287
23113	68131	LEAD	3	329	516	285	424
23114	68131	LEAD	4	599	852	485	672
23118	68131	LEAD	4	266	584	239	474
23120	68131	LEAD	2	231	248	213	226
23121	68131	LEAD	4	103	175	118	171
23122	68131	LEAD	2	129	189	138	182
23123	68131	LEAD	4	364	547	312	447
23124	68131	LEAD	3	207	296	195	261
23125	68131	LEAD	4	377	551	321	450
23128	68131	LEAD	4	629	953	507	747
23131	68131	LEAD	5	669	1226	537	949
23133	68131	LEAD	3	169	270	167	242
23134	68131	LEAD	2	67	73	91	96
23135	68131	LEAD	4	233	489	215	404
23136	68131	LEAD	4	160	198	161	188
23139	68131	LEAD	3	643	1462	518	1124
23141	68131	LEAD	5	234	430	215	360
23142	68131	LEAD	4	139	195	145	187
23143	68131	LEAD	4	370	537	316	439
23144	68131	LEAD	4	255	307	231	269

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23145	68131	LEAD	2	484	596	400	483
23146	68131	LEAD	2	313	459	273	382
23147	68131	LEAD	3	57	74	84	97
23149	68131	LEAD	4	143	181	148	176
23150	68131	LEAD	4	149	199	152	189
23152	68131	LEAD	4	581	870	472	686
23153	68131	LEAD	5	238	461	218	383
23154	68131	LEAD	6	314	636	274	513
23155	68131	LEAD	4	253	445	230	372
23156	68131	LEAD	1	62	62	88	88
23157	68131	LEAD	2	306	505	268	415
23158	68131	LEAD	4	420	774	353	615
23161	68131	LEAD	3	199	244	189	223
23162	68131	LEAD	4	353	635	303	512
23163	68131	LEAD	2	517	649	424	522
23164	68131	LEAD	2	324	446	282	372
23165	68131	LEAD	4	371	486	316	402
23166	68131	LEAD	4	327	643	284	518
23167	68131	LEAD	4	168	247	167	225
23168	68131	LEAD	3	326	618	283	500
23171	68131	LEAD	3	185	235	179	216
23172	68131	LEAD	2	262	300	236	264
23173	68131	LEAD	4	132	177	140	173
23174	68131	LEAD	4	500	1124	412	874
23175	68131	LEAD	5	273	452	244	376
23177	68131	LEAD	4	405	825	341	652
23178	68131	LEAD	4	301	329	265	286
23179	68131	LEAD	4	137	181	143	176
23180	68131	LEAD	4	371	486	317	402
23183	68131	LEAD	4	189	280	182	249
23184	68131	LEAD	2	231	310	213	271
23186	68131	LEAD	4	284	458	252	381
23187	68131	LEAD	4	319	570	278	464
23188	68131	LEAD	4	1070	1994	834	1518
23190	68131	LEAD	2	86	108	105	122
23191	68131	LEAD	4	970	2065	760	1570
23195	68131	LEAD	4	454	792	378	628
23198	68131	LEAD	3	322	686	280	550
23200	68131	LEAD	4	41	46	72	76
23203	68131	LEAD	4	544	642	444	517
23205	68131	LEAD	5	178	383	174	326
23206	68131	LEAD	3	350	667	301	535
23207	68131	LEAD	4	499	792	411	628
23208	68131	LEAD	4	103	207	118	195
23209	68131	LEAD	2	515	683	423	547

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23210	68131	LEAD	4	597	1121	484	871
23211	68131	LEAD	4	264	522	237	428
23212	68131	LEAD	4	505	611	416	494
23213	68131	LEAD	4	377	613	321	496
23214	68131	LEAD	4	63	99	89	115
23216	68131	LEAD	3	192	223	184	207
23217	68131	LEAD	5	281	396	250	335
23218	68131	LEAD	4	264	407	237	343
23219	68131	LEAD	4	90	128	109	137
23221	68131	LEAD	4	150	300	153	264
23222	68131	LEAD	2	169	194	167	186
23224	68131	LEAD	4	332	539	287	441
23226	68131	LEAD	3	542	694	443	556
23230	68131	LEAD	3	53	60	81	86
23231	68131	LEAD	4	56	74	84	97
23232	68131	LEAD	2	294	331	259	287
23233	68131	LEAD	4	317	343	276	296
23235	68131	LEAD	4	87	181	106	176
23236	68131	LEAD	4	403	527	341	432
23237	68131	LEAD	5	319	588	278	477
23238	68131	LEAD	3	301	347	264	298
23241	68131	LEAD	4	143	187	148	180
23243	68131	LEAD	4	211	260	198	234
23244	68131	LEAD	4	191	239	183	219
23245	68131	LEAD	2	159	178	160	174
23246	68131	LEAD	4	176	205	172	194
23248	68131	LEAD	3	191	223	183	207
23249	68131	LEAD	4	187	222	180	206
23252	68131	LEAD	4	313	376	274	320
23253	68131	LEAD	4	285	445	253	371
23254	68131	LEAD	3	213	306	200	268
23255	68131	LEAD	3	482	692	399	554
23256	68131	LEAD	4	236	302	217	265
23258	68131	LEAD	4	102	137	117	143
23260	68131	LEAD	4	115	141	127	147
23262	68131	LEAD	4	169	355	167	305
23263	68131	LEAD	4	132	146	140	150
23264	68131	LEAD	4	96	110	113	124
23266	68131	LEAD	4	306	845	268	667
23267	68131	LEAD	4	323	472	281	391
23268	68131	LEAD	4	141	160	146	160
23269	68131	LEAD	2	831	1564	657	1199
23270	68131	LEAD	4	166	228	164	211
23271	68131	LEAD	3	298	589	263	478
23273	68131	LEAD	2	180	312	175	273

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23274	68131	LEAD	5	226	302	209	265
23275	68131	LEAD	3	222	281	206	250
23276	68131	LEAD	4	192	351	184	302
23277	68131	LEAD	4	122	176	132	172
23280	68131	LEAD	4	619	943	500	740
23281	68131	LEAD	4	358	387	307	329
23283	68131	LEAD	4	140	162	145	162
23285	68131	LEAD	4	381	573	324	466
23286	68131	LEAD	4	874	2040	689	1551
23288	68131	LEAD	2	314	358	274	307
23289	68131	LEAD	4	531	769	435	611
23292	68131	LEAD	4	679	942	545	739
23293	68131	LEAD	4	470	708	389	566
23294	68131	LEAD	4	388	549	329	448
23295	68131	LEAD	3	157	214	158	201
23296	68131	LEAD	4	173	268	170	241
23297	68131	LEAD	4	192	388	184	329
23301	68131	LEAD	5	226	325	209	283
23302	68131	LEAD	4	131	157	139	159
23303	68131	LEAD	4	109	203	122	192
23308	68131	LEAD	4	559	1384	455	1066
23310	68131	LEAD	2	199	247	189	224
23311	68131	LEAD	3	349	455	300	379
23312	68131	LEAD	4	241	307	220	269
23313	68131	LEAD	3	324	433	282	362
23315	68131	LEAD	4	600	1139	486	885
23317	68131	LEAD	3	148	236	151	217
23320	68131	LEAD	4	327	392	284	332
23321	68131	LEAD	4	146	168	150	167
23322	68131	LEAD	4	181	204	176	193
23323	68131	LEAD	4	1462	3073	1124	2316
23324	68131	LEAD	5	277	489	247	404
23326	68131	LEAD	4	262	425	236	356
23329	68131	LEAD	3	259	515	234	423
23332	68131	LEAD	3	473	614	392	496
23333	68131	LEAD	4	565	787	460	624
23334	68131	LEAD	4	186	334	180	289
23338	68131	LEAD	2	121	185	132	179
23339	68131	LEAD	4	304	645	267	519
23340	68131	LEAD	3	336	544	291	444
23341	68131	LEAD	4	213	440	199	368
23342	68131	LEAD	4	159	203	160	192
23343	68131	LEAD	4	263	346	236	298
23344	68131	LEAD	2	202	236	191	217
23345	68131	LEAD	3	192	211	184	198

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23346	68131	LEAD	4	332	433	288	363
23347	68131	LEAD	4	211	357	198	306
23348	68131	LEAD	4	136	151	142	154
23350	68131	LEAD	4	279	302	248	265
23351	68131	LEAD	4	397	771	336	612
23353	68131	LEAD	4	375	482	320	398
23355	68131	LEAD	2	190	268	183	241
23356	68131	LEAD	4	389	630	330	508
23357	68131	LEAD	4	230	321	212	280
23358	68131	LEAD	4	409	568	345	462
23359	68131	LEAD	4	143	204	148	193
23360	68131	LEAD	4	312	567	273	462
23361	68131	LEAD	4	332	454	288	378
23362	68131	LEAD	4	484	881	400	694
23363	68131	LEAD	4	694	938	556	736
23364	68131	LEAD	4	284	504	253	415
23365	68131	LEAD	4	285	431	253	361
23367	68131	LEAD	4	551	750	450	597
23368	68131	LEAD	4	368	500	314	412
23369	68131	LEAD	2	289	400	256	338
23371	68131	LEAD	4	283	354	252	304
23372	68131	LEAD	4	407	537	343	439
23373	68131	LEAD	6	242	572	221	466
23374	68131	LEAD	4	205	314	194	274
23375	68131	LEAD	2	261	293	235	259
23377	68131	LEAD	4	345	472	297	391
23379	68131	LEAD	4	309	607	271	491
23380	68131	LEAD	3	236	253	217	229
23381	68131	LEAD	5	188	282	181	251
23382	68131	LEAD	4	161	256	161	232
23383	68131	LEAD	5	452	699	377	559
23384	68131	LEAD	3	558	904	455	711
23385	68131	LEAD	4	415	863	349	681
23386	68131	LEAD	4	519	626	426	505
23387	68131	LEAD	4	404	664	341	533
23388	68131	LEAD	3	601	850	487	671
23389	68131	LEAD	4	872	1333	687	1028
23390	68131	LEAD	5	510	701	420	561
23391	68131	LEAD	4	236	349	217	300
23393	68131	LEAD	4	1055	1966	822	1497
23394	68131	LEAD	3	244	321	223	279
23395	68131	LEAD	4	204	444	193	370
23396	68131	LEAD	4	504	712	415	569
23397	68131	LEAD	3	336	400	290	338
23398	68131	LEAD	3	134	189	141	182

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23399	68131	LEAD	4	346	424	298	356
23400	68131	LEAD	4	309	375	271	319
23402	68131	LEAD	4	340	452	294	377
23405	68131	LEAD	4	407	612	343	495
23407	68131	LEAD	5	359	492	308	406
23408	68131	LEAD	4	338	421	292	354
23409	68131	LEAD	4	153	222	155	206
23415	68131	LEAD	4	679	792	544	628
23416	68131	LEAD	4	283	407	252	343
23417	68131	LEAD	4	386	419	328	352
23420	68131	LEAD	4	338	758	292	603
23421	68131	LEAD	4	225	293	209	259
23423	68131	LEAD	4	295	407	261	343
23425	68131	LEAD	3	362	606	310	491
23427	68131	LEAD	4	206	235	194	216
23428	68131	LEAD	3	193	264	185	237
23429	68131	LEAD	4	277	454	247	378
23430	68131	LEAD	4	383	544	326	445
23431	68131	LEAD	4	419	752	352	598
23432	68131	LEAD	4	379	420	322	353
23433	68131	LEAD	4	581	1025	472	801
23434	68131	LEAD	5	227	673	210	540
23436	68131	LEAD	4	156	273	157	244
23437	68131	LEAD	6	301	372	265	317
23438	68131	LEAD	4	316	481	276	398
23439	68131	LEAD	4	219	378	204	321
23440	68131	LEAD	5	417	1302	350	1005
23441	68131	LEAD	4	168	284	166	252
23442	68131	LEAD	3	868	1117	684	869
23443	68131	LEAD	4	208	348	196	299
23444	68131	LEAD	5	155	207	156	195
23445	68131	LEAD	4	96	112	113	125
23446	68131	LEAD	4	180	193	175	185
23447	68131	LEAD	3	338	431	292	361
23448	68131	LEAD	4	574	831	467	657
23449	68131	LEAD	4	521	774	427	615
23450	68131	LEAD	4	258	382	233	325
23451	68131	LEAD	4	287	314	254	274
23452	68131	LEAD	4	293	483	259	399
23453	68131	LEAD	4	192	316	184	276
23455	68131	LEAD	4	245	503	224	414
23456	68131	LEAD	4	307	416	269	350
23457	68131	LEAD	3	160	165	160	164
23458	68131	LEAD	4	429	573	359	466
23459	68131	LEAD	4	481	842	398	665

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23460	68131	LEAD	4	267	319	240	278
23461	68131	LEAD	3	195	284	187	252
23463	68131	LEAD	4	178	205	174	194
23465	68131	LEAD	4	477	694	395	556
23468	68131	LEAD	4	298	373	262	318
23469	68131	LEAD	3	501	589	413	478
23470	68131	LEAD	4	155	197	157	188
23471	68131	LEAD	4	495	889	408	700
23472	68131	LEAD	4	126	176	135	172
23473	68131	LEAD	4	486	723	401	577
23474	68131	LEAD	4	152	176	155	172
23475	68131	LEAD	4	253	412	229	347
23477	68131	LEAD	3	231	457	213	380
23480	68131	LEAD	4	230	371	212	316
23482	68131	LEAD	4	475	661	394	531
23483	68131	LEAD	4	267	317	240	277
23484	68131	LEAD	5	235	329	216	286
23485	68131	LEAD	4	336	481	290	398
23486	68131	LEAD	3	146	174	150	171
23487	68131	LEAD	4	168	285	166	253
23488	68131	LEAD	4	203	307	192	269
23489	68131	LEAD	4	419	571	352	465
23490	68131	LEAD	4	253	369	229	315
23491	68131	LEAD	4	429	724	359	578
23492	68131	LEAD	4	405	562	342	458
23493	68131	LEAD	4	637	1049	513	818
23494	68131	LEAD	3	329	564	285	459
23500	68131	LEAD	4	523	631	429	509
23501	68131	LEAD	4	150	190	153	183
23502	68131	LEAD	4	399	491	337	405
23503	68131	LEAD	5	189	222	182	206
23504	68131	LEAD	5	187	225	180	208
23505	68131	LEAD	4	124	153	134	155
23506	68131	LEAD	4	289	512	256	421
23508	68131	LEAD	4	293	426	259	357
23509	68131	LEAD	4	250	293	227	259
23510	68131	LEAD	4	263	371	237	317
23512	68131	LEAD	4	288	730	255	582
23513	68131	LEAD	4	184	259	178	233
23514	68131	LEAD	4	262	571	236	465
23515	68131	LEAD	4	184	325	178	282
23517	68131	LEAD	4	325	829	282	655
23518	68131	LEAD	5	343	491	296	405
23519	68131	LEAD	4	277	512	247	421
23521	68131	LEAD	4	197	246	188	224

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23522	68131	LEAD	4	235	443	216	370
23523	68131	LEAD	4	169	253	167	229
23524	68131	LEAD	3	204	215	193	201
23525	68131	LEAD	4	123	161	133	161
23526	68131	LEAD	4	103	136	119	142
23527	68131	LEAD	4	574	820	466	649
23528	68131	LEAD	4	162	444	162	370
23529	68131	LEAD	4	197	227	188	210
23530	68131	LEAD	4	269	350	241	301
23531	68131	LEAD	4	271	508	243	418
23532	68131	LEAD	4	189	245	182	224
23533	68131	LEAD	4	104	147	119	151
23534	68131	LEAD	3	231	277	213	247
23535	68131	LEAD	4	276	306	246	268
23536	68131	LEAD	4	342	571	295	464
23537	68131	LEAD	4	290	419	256	352
23538	68131	LEAD	3	462	836	384	661
23539	68131	LEAD	4	167	259	165	234
23541	68131	LEAD	4	345	590	298	479
23543	68131	LEAD	4	140	160	146	161
23544	68131	LEAD	4	167	305	166	268
23545	68131	LEAD	6	92	145	110	149
23547	68131	LEAD	5	256	343	231	296
23549	68131	LEAD	4	177	257	173	232
23550	68131	LEAD	4	262	324	236	282
23553	68131	LEAD	4	172	243	169	222
23554	68131	LEAD	4	212	297	199	262
23556	68131	LEAD	4	129	272	137	244
23557	68131	LEAD	5	537	944	440	740
23558	68131	LEAD	4	138	195	144	186
23559	68131	LEAD	4	237	520	217	427
23560	68131	LEAD	4	430	892	360	702
23563	68131	LEAD	3	309	658	271	529
23564	68131	LEAD	4	554	1143	452	888
23565	68131	LEAD	6	383	593	325	481
23566	68131	LEAD	4	490	692	405	554
23567	68131	LEAD	4	251	281	228	250
23568	68131	LEAD	4	668	941	536	739
23569	68131	LEAD	4	316	1075	276	838
23571	68131	LEAD	4	194	320	186	279
23572	68131	LEAD	5	253	487	229	402
23573	68131	LEAD	4	288	474	255	393
23575	68131	LEAD	3	199	273	189	244
23576	68131	LEAD	4	392	779	332	619
23577	68131	LEAD	4	444	706	371	565

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23578	68131	LEAD	4	289	489	256	404
23580	68131	LEAD	4	180	221	175	206
23581	68131	LEAD	4	575	757	467	602
23582	68131	LEAD	4	232	288	214	255
23583	68131	LEAD	3	1053	1572	821	1205
23584	68131	LEAD	4	430	490	360	404
23585	68131	LEAD	3	263	306	237	269
23586	68131	LEAD	4	153	237	155	217
23587	68131	LEAD	4	217	400	203	338
23588	68131	LEAD	3	307	498	269	411
23591	68131	LEAD	3	279	482	248	399
23595	68131	LEAD	4	109	123	123	133
23596	68131	LEAD	5	367	580	314	471
23599	68131	LEAD	4	684	1605	548	1230
23600	68131	LEAD	4	441	656	369	528
23602	68131	LEAD	4	131	190	139	182
23603	68131	LEAD	4	361	525	309	430
23605	68131	LEAD	4	396	706	335	565
23606	68131	LEAD	3	153	182	155	177
23607	68131	LEAD	5	196	756	187	601
23608	68131	LEAD	4	199	358	189	307
23609	68131	LEAD	4	199	287	189	254
23610	68131	LEAD	4	140	227	146	210
23611	68131	LEAD	3	183	244	178	223
23612	68131	LEAD	4	219	493	204	407
23613	68131	LEAD	4	285	367	253	313
23614	68131	LEAD	5	137	168	143	167
23616	68131	LEAD	3	370	509	316	418
23618	68131	LEAD	4	237	350	218	301
23619	68131	LEAD	4	235	299	216	264
23620	68131	LEAD	4	224	461	208	383
23621	68131	LEAD	4	386	534	328	437
23623	68131	LEAD	4	245	348	223	299
23625	68131	LEAD	4	168	231	167	213
23627	68131	LEAD	4	229	301	212	265
23628	68131	LEAD	4	221	403	206	340
23629	68131	LEAD	4	260	336	234	291
23631	68131	LEAD	4	260	342	235	295
23633	68131	LEAD	4	458	738	381	588
23634	68131	LEAD	3	319	413	278	347
23635	68131	LEAD	4	254	563	230	458
23636	68131	LEAD	4	313	363	274	310
23637	68131	LEAD	2	530	574	434	467
23638	68131	LEAD	4	198	257	189	232
23639	68131	LEAD	4	328	658	285	529

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23640	68131	LEAD	4	308	655	270	527
23641	68131	LEAD	4	189	361	182	309
23642	68131	LEAD	4	397	717	336	572
23643	68131	LEAD	3	5711	16692	4268	12394
23644	68131	LEAD	2	68	81	92	102
23645	68131	LEAD	4	564	698	459	558
23646	68131	LEAD	4	175	365	172	312
23647	68131	LEAD	4	349	573	300	466
23650	68131	LEAD	4	163	228	162	210
23651	68131	LEAD	4	151	202	154	191
23652	68131	LEAD	3	462	674	384	541
23653	68131	LEAD	5	385	730	327	582
23654	68131	LEAD	3	412	796	347	631
23657	68131	LEAD	4	249	303	226	266
23658	68131	LEAD	4	323	392	281	332
23660	68131	LEAD	4	150	300	153	264
23661	68131	LEAD	3	497	745	410	593
23662	68131	LEAD	4	610	921	493	723
23663	68131	LEAD	3	486	952	402	746
23664	68131	LEAD	4	409	865	344	682
23666	68131	LEAD	4	364	428	311	358
23667	68131	LEAD	4	588	1170	477	908
23668	68131	LEAD	4	477	751	395	597
23670	68131	LEAD	4	371	585	317	475
23672	68131	LEAD	4	406	786	343	624
23673	68131	LEAD	4	144	184	149	178
23674	68131	LEAD	4	247	352	225	302
23675	68131	LEAD	3	218	490	204	405
23676	68131	LEAD	4	2005	3402	1526	2560
23679	68131	LEAD	2	595	838	482	662
23681	68131	LEAD	4	309	442	270	369
23683	68131	LEAD	1	94	94	112	112
23686	68131	LEAD	4	234	523	215	429
23688	68131	LEAD	4	642	846	517	668
23690	68131	LEAD	5	274	440	245	368
23691	68131	LEAD	3	93	121	111	131
23696	68131	LEAD	4	255	438	230	366
23698	68131	LEAD	4	401	670	339	538
23700	68131	LEAD	4	363	599	311	486
23701	68131	LEAD	4	379	551	322	449
23702	68131	LEAD	4	175	226	171	209
23703	68131	LEAD	4	898	1320	706	1019
23704	68131	LEAD	5	317	442	276	369
23705	68131	LEAD	5	329	414	285	349
23706	68131	LEAD	4	834	1765	659	1348

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23707	68131	LEAD	5	156	221	157	205
23709	68131	LEAD	4	381	601	324	487
23710	68131	LEAD	5	146	207	150	195
23713	68131	LEAD	3	731	806	583	638
23716	68131	LEAD	4	214	275	200	245
23717	68131	LEAD	5	203	396	192	335
23718	68131	LEAD	4	116	127	128	136
23720	68131	LEAD	4	181	225	176	208
23721	68131	LEAD	3	260	319	234	278
23722	68131	LEAD	4	97	127	113	136
23723	68131	LEAD	4	124	158	134	159
23725	68131	LEAD	4	170	237	168	217
23726	68131	LEAD	5	250	414	227	349
23727	68131	LEAD	5	276	332	246	288
23728	68131	LEAD	5	864	3243	681	2442
23729	68131	LEAD	4	551	865	449	682
23730	68131	LEAD	4	241	271	220	243
23731	68131	LEAD	3	150	185	153	179
23732	68131	LEAD	4	626	1966	505	1497
23733	68131	LEAD	4	121	148	131	151
23734	68131	LEAD	4	457	646	380	520
23735	68131	LEAD	4	427	826	358	653
23737	68131	LEAD	4	633	900	511	708
23738	68131	LEAD	5	134	195	141	186
23739	68131	LEAD	4	276	329	247	286
23741	68131	LEAD	4	247	316	225	276
23742	68131	LEAD	4	516	861	424	679
23743	68131	LEAD	4	146	193	150	184
23746	68131	LEAD	4	192	423	184	355
23748	68131	LEAD	4	217	268	202	240
23749	68131	LEAD	4	88	158	107	159
23752	68131	LEAD	5	302	389	265	330
23753	68131	LEAD	4	290	430	256	360
23754	68131	LEAD	5	191	286	184	253
23757	68131	LEAD	5	529	737	433	588
23758	68131	LEAD	4	261	355	235	304
23759	68131	LEAD	4	281	375	250	320
23760	68131	LEAD	5	378	626	322	506
23761	68131	LEAD	4	477	636	395	513
23762	68131	LEAD	4	336	415	290	349
23763	68131	LEAD	4	613	867	496	684
23764	68131	LEAD	5	191	245	183	223
23765	68131	LEAD	4	196	281	187	250
23766	68131	LEAD	4	287	361	254	309
23767	68131	LEAD	4	537	832	439	658

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23768	68131	LEAD	4	143	265	148	238
23771	68131	LEAD	3	195	233	186	214
23772	68131	LEAD	4	608	1483	492	1140
23773	68131	LEAD	4	259	461	234	383
23775	68131	LEAD	4	365	530	312	434
23778	68131	LEAD	3	269	329	241	286
23779	68131	LEAD	4	192	342	184	295
23780	68131	LEAD	4	276	329	246	285
23783	68131	LEAD	4	494	743	408	592
23784	68131	LEAD	3	359	444	308	371
23786	68131	LEAD	4	405	442	342	369
23787	68131	LEAD	4	495	638	409	514
23788	68131	LEAD	3	397	621	336	502
23789	68131	LEAD	4	248	364	226	312
23790	68131	LEAD	2	441	527	368	432
23791	68131	LEAD	3	270	339	242	293
23792	68131	LEAD	4	181	344	176	297
23794	68131	LEAD	4	166	389	165	330
23797	68131	LEAD	3	111	140	124	146
23798	68131	LEAD	3	220	338	205	292
23799	68131	LEAD	4	515	965	423	756
23800	68131	LEAD	4	215	311	201	272
23803	68131	LEAD	5	113	186	125	179
23804	68131	LEAD	5	171	254	168	230
23805	68131	LEAD	4	257	502	232	413
23806	68131	LEAD	4	397	692	336	554
23807	68131	LEAD	4	543	719	444	574
23808	68131	LEAD	4	289	309	256	270
23809	68131	LEAD	4	343	447	296	373
23810	68131	LEAD	1	84	84	104	104
23811	68131	LEAD	4	527	951	432	745
23813	68131	LEAD	3	124	155	134	157
23814	68131	LEAD	4	79	80	100	101
23816	68131	LEAD	4	121	182	132	176
23817	68131	LEAD	4	371	635	317	512
23818	68131	LEAD	4	239	329	219	286
23819	68131	LEAD	3	260	439	234	367
23821	68131	LEAD	4	78	154	100	156
23822	68131	LEAD	4	316	456	276	380
23823	68131	LEAD	4	119	184	130	178
23824	68131	LEAD	4	329	424	286	356
23825	68131	LEAD	5	525	1750	431	1337
23826	68131	LEAD	4	169	255	167	231
23827	68131	LEAD	4	177	235	173	216
23829	68131	LEAD	4	86	99	105	115

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23830	68131	LEAD	4	76	120	98	130
23831	68131	LEAD	4	173	251	170	228
23832	68131	LEAD	4	305	500	268	412
23833	68131	LEAD	4	221	490	206	405
23834	68131	LEAD	3	306	631	269	509
23835	68131	LEAD	5	255	370	231	316
23836	68131	LEAD	4	164	222	163	206
23840	68131	LEAD	2	172	182	169	177
23841	68131	LEAD	4	246	402	224	339
23843	68131	LEAD	3	602	860	487	678
23844	68131	LEAD	5	314	498	274	411
23845	68131	LEAD	3	529	892	434	702
23846	68131	LEAD	4	207	271	196	243
23847	68131	LEAD	3	140	304	146	267
23848	68131	LEAD	5	594	1208	481	936
23849	68131	LEAD	4	323	837	281	661
23850	68131	LEAD	3	508	734	418	585
23854	68131	LEAD	4	506	916	416	720
23855	68131	LEAD	2	298	355	263	305
23858	68131	LEAD	5	306	429	269	360
23859	68131	LEAD	4	273	475	244	393
23861	68131	LEAD	5	280	367	249	313
23862	68131	LEAD	4	238	335	218	290
23863	68131	LEAD	3	424	904	356	711
23864	68131	LEAD	3	466	586	387	475
23866	68131	LEAD	6	182	367	176	314
23868	68131	LEAD	3	190	370	183	316
23870	68131	LEAD	4	772	942	613	739
23872	68131	LEAD	4	439	731	367	583
23873	68131	LEAD	4	742	1847	591	1409
23875	68131	LEAD	4	168	227	167	210
23877	68131	LEAD	4	262	298	236	262
23878	68131	LEAD	4	279	481	248	398
23879	68131	LEAD	3	501	654	413	526
23881	68131	LEAD	4	243	268	222	240
23882	68131	LEAD	3	556	658	454	529
23883	68131	LEAD	5	142	186	147	179
23886	68131	LEAD	3	276	405	247	342
23888	68131	LEAD	3	177	226	173	209
23889	68131	LEAD	4	173	251	170	228
23890	68131	LEAD	3	174	284	171	252
23891	68131	LEAD	4	271	416	242	350
23892	68131	LEAD	3	130	136	138	142
23893	68131	LEAD	5	188	296	181	261
23894	68131	LEAD	4	149	278	152	248

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23895	68131	LEAD	5	339	931	293	731
23897	68131	LEAD	4	307	514	269	422
23898	68131	LEAD	4	398	449	337	374
23899	68131	LEAD	4	192	343	184	295
23900	68131	LEAD	4	121	207	131	195
23901	68131	LEAD	4	170	233	168	215
23903	68131	LEAD	4	232	427	214	358
23904	68131	LEAD	3	347	487	299	402
23906	68131	LEAD	3	479	673	397	540
23907	68131	LEAD	4	423	674	355	541
23908	68131	LEAD	4	224	276	208	246
23910	68131	LEAD	4	107	139	121	145
23911	68131	LEAD	3	307	407	269	343
23912	68131	LEAD	4	156	195	157	186
23913	68131	LEAD	4	241	366	221	312
23914	68131	LEAD	4	258	358	233	307
23915	68131	LEAD	4	170	226	168	209
23916	68131	LEAD	4	207	250	195	227
23917	68131	LEAD	4	232	282	214	251
23918	68131	LEAD	4	152	240	155	220
23919	68131	LEAD	4	298	401	262	339
23920	68131	LEAD	3	193	292	185	258
23921	68131	LEAD	4	157	193	159	185
23922	68131	LEAD	4	228	257	210	232
23923	68131	LEAD	4	1226	2597	949	1964
23924	68131	LEAD	3	303	376	266	321
23925	68131	LEAD	5	170	231	168	213
23926	68131	LEAD	4	365	617	312	499
23927	68131	LEAD	4	437	953	365	747
23928	68131	LEAD	4	225	290	208	257
23929	68131	LEAD	4	529	615	434	497
23930	68131	LEAD	5	222	558	206	455
23931	68131	LEAD	4	410	577	345	469
23932	68131	LEAD	4	151	192	154	184
23934	68131	LEAD	4	201	270	191	242
23935	68131	LEAD	4	104	146	119	150
23936	68131	LEAD	4	262	353	236	303
23937	68131	LEAD	4	535	701	438	561
23938	68131	LEAD	4	509	752	419	598
23939	68131	LEAD	5	200	278	190	248
23940	68131	LEAD	5	225	339	209	293
23941	68131	LEAD	5	313	379	274	322
23942	68131	LEAD	4	214	278	200	248
23943	68131	LEAD	3	301	478	265	395
23944	68131	LEAD	4	402	593	339	481

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
23946	68131	LEAD	4	439	481	366	398
23947	68131	LEAD	4	486	767	401	610
23948	68131	LEAD	4	354	413	304	347
23949	68131	LEAD	3	209	367	196	313
23951	68131	LEAD	4	189	439	182	367
23952	68131	LEAD	5	321	591	279	480
23953	68131	LEAD	2	352	549	303	448
23954	68131	LEAD	4	425	779	357	619
23955	68131	LEAD	4	2977	10500	2245	7812
23956	68131	LEAD	2	349	399	300	337
23959	68131	LEAD	4	397	751	336	598
23960	68131	LEAD	3	360	605	309	490
23961	68131	LEAD	5	235	437	216	365
23963	68131	LEAD	4	257	553	232	451
23964	68131	LEAD	4	378	464	321	386
23965	68131	LEAD	5	266	434	239	363
23967	68131	LEAD	4	278	342	248	295
23968	68131	LEAD	4	474	873	392	688
23969	68131	LEAD	4	755	947	601	743
23970	68131	LEAD	3	534	907	437	713
23971	68131	LEAD	5	169	209	167	197
23972	68131	LEAD	4	331	533	287	437
23973	68131	LEAD	4	422	589	354	478
23975	68131	LEAD	2	176	305	172	267
23977	68131	LEAD	4	229	377	212	321
23978	68131	LEAD	4	213	317	200	276
23979	68131	LEAD	4	153	237	155	218
23980	68131	LEAD	4	395	851	334	672
23981	68131	LEAD	4	381	704	324	563
23982	68131	LEAD	4	183	287	177	254
23983	68131	LEAD	4	86	94	105	111
23984	68131	LEAD	5	154	216	156	202
23985	68131	LEAD	3	227	333	210	289
23986	68131	LEAD	4	269	542	241	443
23987	68131	LEAD	6	192	347	184	299
23988	68131	LEAD	4	178	255	174	230
23990	68131	LEAD	3	346	387	298	329
23992	68131	LEAD	3	252	303	229	266
23994	68131	LEAD	5	175	274	172	245
23995	68131	LEAD	4	403	607	340	491
23996	68131	LEAD	5	229	363	212	311
23998	68131	LEAD	4	1425	1967	1096	1498
23999	68131	LEAD	2	454	472	378	392
24000	68131	LEAD	4	446	715	372	571
24002	68131	LEAD	4	192	342	184	295

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24004	68131	LEAD	4	143	236	148	217
24006	68131	LEAD	4	652	1304	525	1007
24008	68131	LEAD	4	468	941	388	739
24009	68131	LEAD	4	740	1310	589	1012
24010	68131	LEAD	4	374	470	319	389
24011	68131	LEAD	3	139	187	145	181
24014	68131	LEAD	4	475	803	393	636
24015	68131	LEAD	2	353	460	303	382
24016	68131	LEAD	4	183	283	178	252
24017	68131	LEAD	3	246	387	224	328
24018	68131	LEAD	4	257	326	232	284
24019	68131	LEAD	3	289	484	256	400
24020	68131	LEAD	4	534	680	437	545
24022	68131	LEAD	5	497	832	410	658
24023	68131	LEAD	4	411	453	346	377
24026	68131	LEAD	4	377	634	321	511
24027	68131	LEAD	5	493	616	407	498
24028	68131	LEAD	4	316	411	276	346
24029	68131	LEAD	2	173	201	170	190
24033	68131	LEAD	4	344	550	297	449
24035	68131	LEAD	4	189	224	182	208
24036	68131	LEAD	5	183	238	177	218
24038	68131	LEAD	5	261	422	235	354
24039	68131	LEAD	4	146	188	150	181
24040	68131	LEAD	4	386	480	327	397
24042	68131	LEAD	4	252	368	229	314
24044	68131	LEAD	4	326	501	283	413
24047	68131	LEAD	5	419	820	352	649
24048	68131	LEAD	6	256	403	231	340
24050	68131	LEAD	2	197	202	188	192
24052	68131	LEAD	5	316	534	276	437
24053	68131	LEAD	5	263	424	237	356
24054	68131	LEAD	4	154	224	156	208
24055	68131	LEAD	4	229	299	211	263
24056	68131	LEAD	4	57	94	84	112
24057	68131	LEAD	5	252	466	229	387
24058	68131	LEAD	4	129	176	138	172
24059	68131	LEAD	4	134	308	141	270
24060	68131	LEAD	4	300	498	264	410
24062	68131	LEAD	4	165	254	164	230
24063	68131	LEAD	2	451	475	376	393
24064	68131	LEAD	4	192	210	184	197
24065	68131	LEAD	4	268	336	240	291
24069	68131	LEAD	4	219	315	204	275
24070	68131	LEAD	3	199	329	190	286

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24071	68131	LEAD	3	305	382	268	325
24073	68131	LEAD	4	605	660	489	530
24074	68131	LEAD	4	1293	2101	999	1597
24076	68131	LEAD	4	187	282	180	251
24077	68131	LEAD	4	487	944	403	741
24078	68131	LEAD	4	322	501	280	412
24079	68131	LEAD	4	947	1306	743	1008
24080	68131	LEAD	4	144	163	148	163
24081	68131	LEAD	4	476	757	394	602
24082	68131	LEAD	5	140	201	146	191
24083	68131	LEAD	4	328	451	285	376
24084	68131	LEAD	4	137	175	144	171
24086	68131	LEAD	4	118	242	129	221
24087	68131	LEAD	4	335	442	290	369
24089	68131	LEAD	4	570	835	464	660
24092	68131	LEAD	4	237	268	217	240
24093	68131	LEAD	4	558	810	455	642
24095	68131	LEAD	4	321	413	279	348
24096	68131	LEAD	4	427	753	358	599
24098	68131	LEAD	5	473	628	392	507
24099	68131	LEAD	5	327	620	284	501
24101	68131	LEAD	4	919	1339	722	1033
24103	68131	LEAD	5	656	988	528	773
24104	68131	LEAD	4	824	1162	652	902
24105	68131	LEAD	4	279	406	248	343
24106	68131	LEAD	4	211	497	198	410
24107	68131	LEAD	4	246	423	224	355
24108	68131	LEAD	4	167	287	166	255
24109	68131	LEAD	4	281	397	250	336
24110	68131	LEAD	4	379	594	322	482
24111	68131	LEAD	4	307	414	269	348
24112	68131	LEAD	4	393	506	333	416
24113	68131	LEAD	4	183	196	178	187
24114	68131	LEAD	4	549	962	448	754
24115	68131	LEAD	4	388	793	329	628
24116	68131	LEAD	4	1007	2187	787	1660
24117	68131	LEAD	4	365	783	312	622
24119	68131	LEAD	5	184	236	178	216
24120	68131	LEAD	3	269	543	241	444
24122	68131	LEAD	3	348	454	300	378
24123	68131	LEAD	4	229	280	211	249
24124	68131	LEAD	5	97	174	114	171
24125	68131	LEAD	4	198	217	189	203
24126	68131	LEAD	4	246	392	224	332
24127	68131	LEAD	4	327	422	284	354

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24128	68131	LEAD	4	301	416	265	350
24131	68131	LEAD	4	135	183	142	177
24132	68131	LEAD	4	350	825	301	653
24134	68131	LEAD	4	556	691	454	554
24135	68131	LEAD	4	152	239	155	219
24136	68131	LEAD	5	505	847	416	668
24137	68131	LEAD	4	114	188	126	181
24138	68131	LEAD	4	482	583	399	473
24139	68131	LEAD	4	189	258	182	233
24140	68131	LEAD	4	312	562	273	458
24141	68131	LEAD	4	234	310	215	271
24142	68131	LEAD	4	380	457	323	380
24143	68131	LEAD	4	177	223	173	207
24144	68131	LEAD	4	459	643	382	518
24145	68131	LEAD	4	392	816	332	645
24146	68131	LEAD	4	203	374	192	319
24148	68131	LEAD	4	519	843	426	666
24149	68131	LEAD	4	406	699	342	559
24150	68131	LEAD	4	364	522	312	428
24152	68131	LEAD	4	275	361	246	309
24153	68131	LEAD	4	526	678	431	544
24154	68131	LEAD	4	163	214	163	200
24156	68131	LEAD	5	465	731	386	583
24157	68131	LEAD	4	455	671	379	539
24158	68131	LEAD	4	254	321	230	280
24159	68131	LEAD	3	345	570	298	464
24160	68131	LEAD	4	341	440	294	367
24162	68131	LEAD	2	211	262	198	236
24163	68131	LEAD	5	472	712	392	569
24164	68131	LEAD	4	422	810	354	642
24167	68131	LEAD	4	244	290	223	257
24169	68131	LEAD	4	377	464	321	386
24171	68131	LEAD	4	465	869	386	685
24174	68131	LEAD	4	466	761	387	605
24175	68131	LEAD	4	401	510	339	419
24176	68131	LEAD	4	270	382	242	324
24178	68131	LEAD	4	180	254	175	230
24179	68131	LEAD	6	395	646	334	520
24180	68131	LEAD	4	647	2035	521	1548
24181	68131	LEAD	5	116	166	128	164
24182	68131	LEAD	3	285	468	253	389
24189	68131	LEAD	4	133	267	141	239
24190	68131	LEAD	4	125	137	134	144
24192	68131	LEAD	4	154	182	156	176
24193	68131	LEAD	4	310	634	272	511

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24196	68131	LEAD	4	27	32	62	66
24197	68131	LEAD	4	424	605	356	490
24199	68131	LEAD	2	1599	1966	1225	1497
24200	68131	LEAD	4	501	794	412	630
24202	68131	LEAD	4	355	698	305	558
24203	68131	LEAD	4	771	1410	613	1086
24204	68131	LEAD	4	385	1009	327	789
24207	68131	LEAD	4	347	444	299	371
24208	68131	LEAD	4	257	370	232	316
24209	68131	LEAD	4	234	446	215	372
24211	68131	LEAD	4	111	157	124	158
24212	68131	LEAD	4	271	298	242	262
24214	68131	LEAD	4	247	369	225	315
24217	68131	LEAD	4	325	572	282	465
24222	68131	LEAD	4	252	397	228	335
24223	68131	LEAD	5	336	595	291	482
24225	68131	LEAD	4	307	414	269	349
24226	68131	LEAD	4	252	348	229	299
24227	68131	LEAD	4	175	198	171	188
24234	68131	LEAD	4	282	428	251	359
24235	68131	LEAD	4	174	256	171	232
24236	68131	LEAD	5	293	573	259	466
24237	68131	LEAD	4	218	334	203	289
24238	68131	LEAD	2	216	233	202	215
24239	68131	LEAD	4	290	304	256	267
24240	68131	LEAD	4	197	259	187	233
24242	68131	LEAD	5	413	883	348	695
24244	68131	LEAD	4	545	870	446	686
24245	68131	LEAD	4	927	1331	728	1027
24248	68131	LEAD	4	205	283	194	252
24249	68131	LEAD	4	195	259	186	234
24250	68131	LEAD	4	404	561	341	457
24251	68131	LEAD	4	509	1029	418	803
24252	68131	LEAD	4	163	242	163	221
24253	68131	LEAD	4	136	176	143	172
24255	68131	LEAD	4	208	319	196	278
24258	68131	LEAD	4	365	638	312	514
24259	68131	LEAD	4	248	296	226	261
24260	68131	LEAD	4	299	419	263	352
24262	68131	LEAD	4	152	281	154	250
24267	68131	LEAD	4	305	518	267	425
24268	68131	LEAD	4	150	189	153	182
24271	68131	LEAD	3	368	479	314	397
24272	68131	LEAD	4	252	489	229	404
24274	68131	LEAD	4	420	887	353	698

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24275	68131	LEAD	4	319	354	278	304
24276	68131	LEAD	5	369	792	315	628
24277	68131	LEAD	4	453	615	378	497
24279	68131	LEAD	4	435	585	364	475
24282	68131	LEAD	4	160	206	160	194
24284	68131	LEAD	4	286	343	254	296
24286	68131	LEAD	2	122	146	132	150
24287	68131	LEAD	4	66	105	91	120
24288	68131	LEAD	4	227	350	210	301
24289	68131	LEAD	4	489	631	404	509
24290	68131	LEAD	4	289	503	256	414
24291	68131	LEAD	4	164	385	164	327
24292	68131	LEAD	4	205	259	194	233
24295	68131	LEAD	5	316	468	276	388
24296	68131	LEAD	6	384	762	326	606
24299	68131	LEAD	4	326	446	283	372
24300	68131	LEAD	4	286	333	254	288
24301	68131	LEAD	4	276	429	246	359
24303	68131	LEAD	5	300	405	264	341
24304	68131	LEAD	4	70	85	93	105
24305	68131	LEAD	5	428	608	358	492
24307	68131	LEAD	4	363	589	310	478
24308	68131	LEAD	3	601	738	487	588
24310	68131	LEAD	4	270	382	242	325
24314	68131	LEAD	4	223	261	207	235
24315	68131	LEAD	4	755	1191	600	924
24316	68131	LEAD	4	180	271	176	242
24318	68131	LEAD	4	341	438	294	366
24319	68131	LEAD	3	203	301	192	265
24320	68131	LEAD	4	389	920	330	723
24327	68131	LEAD	4	292	482	258	399
24328	68131	LEAD	4	157	295	158	260
24334	68131	LEAD	4	124	154	134	156
24339	68131	LEAD	2	248	330	226	286
24342	68131	LEAD	4	116	192	128	184
24343	68131	LEAD	4	285	433	253	362
24344	68131	LEAD	4	360	579	308	470
24348	68131	LEAD	4	810	2175	641	1652
24350	68131	LEAD	4	267	322	240	280
24352	68131	LEAD	4	283	521	251	427
24357	68131	LEAD	5	242	321	221	279
24358	68131	LEAD	5	124	164	134	163
24359	68131	LEAD	4	290	473	257	392
24361	68131	LEAD	4	218	402	204	340
24362	68131	LEAD	3	286	364	254	311

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24365	68131	LEAD	4	500	912	412	717
24366	68131	LEAD	4	519	775	426	616
24367	68131	LEAD	5	369	610	315	493
24369	68131	LEAD	3	353	597	303	484
24370	68131	LEAD	5	491	1030	405	804
24371	68131	LEAD	3	288	384	255	326
24372	68131	LEAD	4	203	300	192	264
24374	68131	LEAD	5	166	241	165	220
24375	68131	LEAD	4	433	827	363	654
24376	68131	LEAD	4	280	597	249	484
24377	68131	LEAD	2	296	381	261	324
24379	68131	LEAD	4	374	479	319	396
24381	68131	LEAD	6	310	451	271	376
24382	68131	LEAD	4	227	435	210	364
24384	68131	LEAD	4	351	388	302	329
24385	68131	LEAD	4	1195	3118	926	2349
24386	68131	LEAD	4	400	707	338	565
24387	68131	LEAD	6	269	672	241	539
24388	68131	LEAD	4	547	1140	447	885
24389	68131	LEAD	4	407	613	343	496
24390	68131	LEAD	4	156	172	157	169
24391	68131	LEAD	4	302	457	265	380
24392	68131	LEAD	4	158	219	159	204
24393	68131	LEAD	4	193	245	185	223
24394	68131	LEAD	4	160	206	161	194
24395	68131	LEAD	5	459	790	382	627
24396	68131	LEAD	4	280	664	250	533
24397	68131	LEAD	4	218	353	203	303
24398	68131	LEAD	4	370	647	315	521
24399	68131	LEAD	4	358	691	307	554
24400	68131	LEAD	4	490	813	405	643
24403	68131	LEAD	4	330	438	286	366
24404	68131	LEAD	5	213	429	200	359
24406	68131	LEAD	4	190	294	183	260
24407	68131	LEAD	4	410	815	346	645
24410	68131	LEAD	4	1213	2558	940	1935
24411	68131	LEAD	4	416	747	350	595
24412	68131	LEAD	4	298	455	263	379
24413	68131	LEAD	4	273	382	244	325
24414	68131	LEAD	4	337	472	292	391
24415	68131	LEAD	4	466	943	387	740
24416	68131	LEAD	4	160	210	161	197
24417	68131	LEAD	4	357	480	306	397
24418	68131	LEAD	5	203	399	192	337
24420	68131	LEAD	4	218	601	203	487

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24421	68131	LEAD	4	736	934	586	733
24423	68131	LEAD	4	353	686	303	549
24424	68131	LEAD	4	546	813	446	643
24426	68131	LEAD	4	141	200	147	190
24428	68131	LEAD	4	245	388	224	329
24430	68131	LEAD	4	214	308	201	270
24431	68131	LEAD	4	509	882	419	695
24432	68131	LEAD	5	159	189	160	182
24433	68131	LEAD	2	56	75	84	97
24434	68131	LEAD	1	777	777	617	617
24435	68131	LEAD	4	320	501	279	413
24436	68131	LEAD	3	198	325	188	283
24437	68131	LEAD	4	402	699	340	559
24438	68131	LEAD	3	717	811	573	642
24439	68131	LEAD	3	451	671	376	539
24441	68131	LEAD	4	579	773	471	614
24442	68131	LEAD	4	163	228	163	211
24443	68131	LEAD	4	345	721	297	575
24445	68131	LEAD	4	594	1206	481	935
24447	68131	LEAD	4	260	382	234	325
24449	68131	LEAD	6	271	575	243	467
24451	68131	LEAD	4	198	307	189	269
24452	68131	LEAD	6	400	739	338	589
24453	68131	LEAD	4	250	263	227	237
24456	68131	LEAD	4	131	192	139	184
24457	68131	LEAD	3	233	279	215	249
24458	68131	LEAD	4	317	402	277	339
24462	68131	LEAD	4	154	321	156	280
24464	68131	LEAD	4	256	345	231	297
24466	68131	LEAD	4	409	721	345	575
24468	68131	LEAD	4	237	323	217	281
24474	68131	LEAD	5	268	403	240	340
24475	68131	LEAD	4	452	570	376	464
24478	68131	LEAD	4	296	405	261	342
24479	68131	LEAD	4	149	200	153	190
24480	68131	LEAD	2	823	897	651	706
24481	68131	LEAD	4	310	357	271	306
24482	68131	LEAD	4	182	221	177	205
24483	68131	LEAD	4	942	1785	739	1363
24485	68131	LEAD	3	187	222	180	206
24487	68131	LEAD	4	475	840	393	664
24488	68131	LEAD	5	266	339	239	293
24491	68131	LEAD	3	367	391	314	331
24492	68131	LEAD	4	334	608	289	492
24493	68131	LEAD	4	468	778	388	618

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24500	68131	LEAD	4	188	330	181	286
24501	68131	LEAD	4	235	463	216	385
24502	68131	LEAD	2	247	270	225	242
24504	68131	LEAD	4	238	379	218	323
24505	68131	LEAD	4	665	1662	534	1272
24507	68131	LEAD	5	285	356	253	306
24509	68131	LEAD	4	170	237	168	217
24510	68131	LEAD	4	146	240	150	220
24513	68131	LEAD	4	172	262	169	236
24515	68131	LEAD	4	248	444	225	370
24516	68131	LEAD	4	191	322	184	280
24518	68131	LEAD	4	180	323	175	281
24520	68131	LEAD	4	179	282	175	251
24521	68131	LEAD	4	230	350	212	301
24523	68131	LEAD	4	237	292	217	258
24524	68131	LEAD	3	412	708	347	566
24526	68131	LEAD	4	344	474	297	393
24527	68131	LEAD	4	84	108	104	122
24528	68131	LEAD	4	896	2456	705	1860
24531	68131	LEAD	4	71	93	94	111
24533	68131	LEAD	4	39	55	71	83
24534	68131	LEAD	4	89	157	108	158
24535	68131	LEAD	4	1019	1902	796	1449
24536	68131	LEAD	2	145	205	149	194
24538	68131	LEAD	4	393	646	333	520
24540	68131	LEAD	4	245	435	224	364
24541	68131	LEAD	4	435	491	364	406
24542	68131	LEAD	4	255	340	231	293
24543	68131	LEAD	4	399	641	337	517
24544	68131	LEAD	4	539	767	441	609
24546	68131	LEAD	5	290	498	257	411
24549	68131	LEAD	5	303	538	266	440
24552	68131	LEAD	4	413	518	348	425
24555	68131	LEAD	4	923	1531	725	1175
24556	68131	LEAD	4	476	1121	394	872
24557	68131	LEAD	4	438	616	366	498
24559	68131	LEAD	4	179	249	174	226
24560	68131	LEAD	4	374	636	319	513
24565	68131	LEAD	4	371	600	316	486
24566	68131	LEAD	3	936	1535	734	1178
24567	68131	LEAD	4	49	64	78	90
24568	68131	LEAD	3	313	368	274	314
24569	68131	LEAD	4	256	377	231	321
24571	68131	LEAD	4	130	171	138	169
24572	68131	LEAD	2	333	379	288	322

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24573	68131	LEAD	4	397	486	335	402
24574	68131	LEAD	4	417	569	351	463
24577	68131	LEAD	4	174	301	171	265
24579	68131	LEAD	4	251	375	228	320
24581	68131	LEAD	4	604	820	489	649
24582	68131	LEAD	4	134	144	141	149
24583	68131	LEAD	2	345	349	297	301
24584	68131	LEAD	4	147	160	150	160
24587	68131	LEAD	4	201	264	191	237
24591	68131	LEAD	3	618	671	499	538
24592	68131	LEAD	4	479	698	397	559
24595	68131	LEAD	4	436	718	365	573
24596	68131	LEAD	2	256	288	232	255
24597	68131	LEAD	4	361	566	309	461
24599	68131	LEAD	4	762	1182	606	917
24600	68131	LEAD	4	414	646	348	520
24601	68131	LEAD	5	180	282	175	251
24604	68131	LEAD	4	250	508	227	418
24605	68131	LEAD	3	167	214	165	200
24606	68131	LEAD	5	239	312	219	273
24607	68131	LEAD	4	329	534	285	437
24609	68131	LEAD	4	221	275	206	246
24610	68131	LEAD	3	466	698	387	559
24611	68131	LEAD	3	1061	1438	827	1106
24612	68131	LEAD	3	493	525	407	431
24613	68131	LEAD	3	437	540	365	442
24614	68131	LEAD	4	312	371	273	316
24615	68131	LEAD	4	488	833	403	659
24616	68131	LEAD	4	288	431	255	361
24618	68131	LEAD	4	712	1152	569	894
24619	68131	LEAD	4	322	519	280	426
24620	68131	LEAD	4	267	425	240	356
24621	68131	LEAD	4	710	1485	567	1141
24625	68131	LEAD	2	719	741	574	590
24626	68131	LEAD	4	551	841	450	665
24628	68131	LEAD	4	584	891	474	702
24631	68131	LEAD	3	770	1471	612	1131
24635	68131	LEAD	4	614	909	496	715
24639	68131	LEAD	3	128	150	137	153
24640	68131	LEAD	4	346	465	298	386
24641	68131	LEAD	4	162	232	162	213
24643	68131	LEAD	2	288	334	255	289
24646	68131	LEAD	4	208	259	196	234
24647	68131	LEAD	3	267	465	240	386
24648	68131	LEAD	4	200	291	190	258

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24649	68131	LEAD	4	133	178	140	174
24652	68131	LEAD	4	344	394	296	334
24653	68131	LEAD	4	231	412	213	347
24655	68131	LEAD	2	410	520	345	427
24656	68131	LEAD	3	295	466	260	387
24657	68131	LEAD	4	216	388	202	329
24659	68131	LEAD	3	386	642	328	517
24660	68131	LEAD	5	477	670	395	538
24661	68131	LEAD	4	151	244	154	223
24663	68131	LEAD	2	281	429	250	359
24668	68131	LEAD	4	295	537	260	439
24669	68131	LEAD	2	631	870	509	686
24671	68131	LEAD	4	235	386	216	328
24672	68131	LEAD	4	354	534	304	437
24674	68131	LEAD	4	553	957	451	750
24675	68131	LEAD	4	150	211	153	198
24678	68131	LEAD	4	93	164	111	163
24680	68131	LEAD	3	59	74	86	97
24682	68131	LEAD	4	145	186	150	180
24683	68131	LEAD	4	178	272	174	243
24684	68131	LEAD	4	848	1190	669	922
24685	68131	LEAD	4	355	670	304	538
24686	68131	LEAD	4	344	597	297	484
24688	68131	LEAD	3	413	735	348	586
24689	68131	LEAD	4	100	135	116	142
24690	68131	LEAD	4	607	1296	491	1001
24692	68131	LEAD	4	240	458	220	381
24693	68131	LEAD	4	376	813	320	644
24694	68131	LEAD	3	235	471	216	391
24695	68131	LEAD	4	275	387	245	329
24696	68131	LEAD	4	364	427	311	358
24697	68131	LEAD	5	802	1508	636	1158
24699	68131	LEAD	3	377	556	321	453
24700	68131	LEAD	4	240	293	219	259
24701	68131	LEAD	3	136	169	143	167
24703	68131	LEAD	4	316	332	276	288
24704	68131	LEAD	4	554	808	452	640
24705	68131	LEAD	2	228	258	211	233
24706	68131	LEAD	5	157	220	158	205
24709	68131	LEAD	4	295	562	260	458
24710	68131	LEAD	5	185	386	179	328
24711	68131	LEAD	4	178	214	174	200
24712	68131	LEAD	6	174	417	170	351
24713	68131	LEAD	4	92	147	110	151
24714	68131	LEAD	4	173	232	170	213

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24716	68131	LEAD	4	309	444	271	370
24718	68131	LEAD	4	516	679	424	544
24722	68131	LEAD	4	681	917	546	720
24724	68131	LEAD	5	252	333	228	288
24728	68131	LEAD	4	297	602	261	488
24729	68131	LEAD	3	480	692	397	554
24730	68131	LEAD	4	178	183	174	178
24732	68131	LEAD	5	1199	3439	929	2587
24734	68131	LEAD	4	305	390	268	331
24735	68131	LEAD	5	207	331	195	287
24736	68131	LEAD	4	278	434	248	363
24737	68131	LEAD	4	396	726	335	579
24738	68131	LEAD	4	178	202	174	191
24740	68131	LEAD	4	336	547	290	447
24742	68131	LEAD	4	109	163	123	163
24744	68131	LEAD	4	381	629	324	507
24746	68131	LEAD	4	658	761	529	605
24747	68131	LEAD	5	180	333	175	289
24750	68131	LEAD	4	265	312	238	273
24751	68131	LEAD	4	273	409	244	344
24755	68131	LEAD	4	248	472	225	391
24757	68131	LEAD	4	419	619	352	500
24758	68131	LEAD	4	227	362	210	310
24759	68131	LEAD	3	109	168	123	166
24760	68131	LEAD	3	161	172	161	169
24761	68131	LEAD	4	199	269	189	241
24762	68131	LEAD	4	873	1913	688	1458
24763	68131	LEAD	4	135	181	142	176
24764	68131	LEAD	4	221	269	206	241
24765	68131	LEAD	3	179	241	175	221
24768	68131	LEAD	3	204	294	193	260
24771	68131	LEAD	4	593	1024	481	800
24773	68131	LEAD	4	589	828	478	654
24775	68131	LEAD	4	393	652	333	524
24776	68131	LEAD	3	333	566	289	461
24778	68131	LEAD	4	129	193	137	185
24779	68131	LEAD	3	276	392	246	332
24780	68131	LEAD	4	86	108	105	122
24781	68131	LEAD	3	482	818	399	647
24782	68131	LEAD	4	84	100	104	116
24783	68131	LEAD	2	175	211	171	198
24784	68131	LEAD	4	281	493	250	407
24785	68131	LEAD	4	208	391	196	331
24787	68131	LEAD	4	158	252	159	229
24788	68131	LEAD	4	397	707	336	565

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24790	68131	LEAD	4	137	259	143	234
24792	68131	LEAD	3	222	228	206	211
24793	68131	LEAD	4	380	870	323	686
24794	68131	LEAD	4	193	385	185	327
24795	68131	LEAD	4	137	188	144	181
24799	68131	LEAD	4	202	345	192	297
24800	68131	LEAD	5	104	144	119	149
24801	68131	LEAD	4	266	438	239	366
24802	68131	LEAD	4	223	310	207	271
24803	68131	LEAD	4	274	410	245	346
24807	68131	LEAD	4	263	299	236	263
24808	68131	LEAD	4	238	336	218	290
24809	68131	LEAD	4	189	249	182	226
24811	68131	LEAD	4	394	510	334	419
24812	68131	LEAD	4	391	666	332	535
24813	68131	LEAD	4	220	436	205	365
24815	68131	LEAD	4	86	100	106	116
24816	68131	LEAD	5	320	450	279	375
24818	68131	LEAD	5	252	332	228	287
24820	68131	LEAD	4	203	244	192	222
24822	68131	LEAD	4	122	140	132	146
24823	68131	LEAD	4	122	170	132	168
24824	68131	LEAD	5	153	197	155	188
24825	68131	LEAD	4	228	296	211	261
24827	68131	LEAD	5	343	738	296	588
24828	68131	LEAD	4	422	787	354	625
24829	68131	LEAD	4	174	248	171	226
24830	68131	LEAD	4	415	1003	349	785
24831	68131	LEAD	4	182	228	177	211
24832	68131	LEAD	3	622	713	502	570
24834	68131	LEAD	2	323	421	281	353
24836	68131	LEAD	4	446	628	372	506
24837	68131	LEAD	4	680	951	545	745
24838	68131	LEAD	4	450	828	375	655
24839	68131	LEAD	4	412	809	347	641
24841	68131	LEAD	4	213	290	200	257
24843	68131	LEAD	4	162	285	162	253
24844	68131	LEAD	2	427	436	358	365
24847	68131	LEAD	4	289	506	256	416
24848	68131	LEAD	4	428	726	358	579
24849	68131	LEAD	4	326	625	283	504
24850	68131	LEAD	4	617	924	499	726
24851	68131	LEAD	5	180	278	175	248
24853	68131	LEAD	4	271	580	243	471
24855	68131	LEAD	4	476	752	394	599

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24857	68131	LEAD	4	212	271	199	243
24858	68131	LEAD	4	195	309	186	271
24859	68131	LEAD	4	186	293	179	258
24861	68131	LEAD	4	530	826	434	653
24863	68131	LEAD	4	249	403	226	340
24864	68131	LEAD	2	228	324	211	282
24865	68131	LEAD	4	1081	2776	842	2096
24869	68131	LEAD	4	170	330	167	286
24870	68131	LEAD	4	202	271	192	243
24871	68131	LEAD	4	475	838	394	662
24872	68131	LEAD	4	243	315	222	275
24874	68131	LEAD	4	358	440	307	367
24875	68131	LEAD	4	420	1071	353	835
24876	68131	LEAD	4	443	538	370	440
24877	68131	LEAD	5	329	794	286	629
24878	68131	LEAD	5	256	485	231	401
24879	68131	LEAD	4	187	246	181	224
24880	68131	LEAD	2	124	138	134	144
24881	68131	LEAD	3	386	697	327	558
24882	68131	LEAD	4	277	489	247	404
24884	68131	LEAD	4	563	1449	458	1114
24885	68131	LEAD	4	527	623	432	503
24887	68131	LEAD	4	438	520	366	427
24888	68131	LEAD	4	231	388	213	329
24889	68131	LEAD	4	565	782	460	620
24890	68131	LEAD	4	353	451	303	376
24891	68131	LEAD	4	207	273	195	244
24892	68131	LEAD	5	135	185	142	179
24893	68131	LEAD	4	526	947	432	743
24894	68131	LEAD	4	405	590	342	479
24895	68131	LEAD	4	312	382	273	325
24896	68131	LEAD	3	382	876	325	690
24898	68131	LEAD	4	349	412	300	347
24899	68131	LEAD	4	160	220	161	205
24900	68131	LEAD	4	290	555	257	453
24901	68131	LEAD	4	500	825	412	652
24902	68131	LEAD	4	549	721	448	576
24903	68131	LEAD	4	211	420	198	353
24904	68131	LEAD	5	260	410	234	346
24905	68131	LEAD	4	176	214	173	200
24906	68131	LEAD	5	254	400	230	338
24907	68131	LEAD	4	365	539	312	441
24908	68131	LEAD	4	301	487	265	402
24909	68131	LEAD	4	294	471	259	391
24911	68131	LEAD	4	316	351	276	301

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24912	68131	LEAD	4	323	366	281	313
24913	68131	LEAD	3	376	524	320	430
24914	68131	LEAD	3	294	423	259	355
24915	68131	LEAD	3	282	312	251	273
24917	68131	LEAD	4	321	638	279	514
24918	68131	LEAD	4	159	290	159	257
24919	68131	LEAD	3	246	290	224	257
24920	68131	LEAD	4	189	256	182	231
24921	68131	LEAD	4	212	249	199	227
24922	68131	LEAD	5	279	686	249	550
24923	68131	LEAD	5	308	401	270	339
24924	68131	LEAD	2	275	340	246	294
24925	68131	LEAD	4	633	945	511	741
24926	68131	LEAD	4	515	608	423	492
24927	68131	LEAD	4	194	220	186	204
24928	68131	LEAD	4	250	398	227	336
24931	68131	LEAD	4	527	1325	432	1023
24932	68131	LEAD	4	629	941	508	738
24934	68131	LEAD	5	362	616	310	498
24935	68131	LEAD	4	401	792	339	628
24936	68131	LEAD	4	248	306	225	269
24937	68131	LEAD	4	480	634	397	511
24939	68131	LEAD	3	207	464	195	385
24946	68131	LEAD	4	324	589	282	478
24947	68131	LEAD	4	187	228	181	211
24948	68131	LEAD	4	175	206	171	195
24949	68131	LEAD	4	215	403	201	340
24950	68131	LEAD	4	189	403	182	340
24951	68131	LEAD	4	273	302	244	265
24952	68131	LEAD	4	64	75	89	97
24953	68131	LEAD	5	126	170	135	168
24955	68131	LEAD	4	160	358	160	307
24956	68131	LEAD	4	969	1679	759	1285
24957	68131	LEAD	4	389	494	330	408
24958	68131	LEAD	4	370	802	316	635
24959	68131	LEAD	4	268	308	240	270
24960	68131	LEAD	4	327	498	284	411
24961	68131	LEAD	4	185	218	179	204
24962	68131	LEAD	4	320	850	279	671
24963	68131	LEAD	4	171	268	169	240
24964	68131	LEAD	4	147	212	151	199
24968	68131	LEAD	4	147	296	151	261
24969	68131	LEAD	4	1201	4279	931	3209
24970	68131	LEAD	5	262	314	236	274
24971	68131	LEAD	4	217	252	203	228

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
24972	68131	LEAD	2	400	638	338	514
24973	68131	LEAD	4	251	354	228	304
24975	68131	LEAD	5	294	395	260	334
24976	68131	LEAD	4	292	424	258	356
24977	68131	LEAD	3	363	869	311	685
24978	68131	LEAD	4	451	770	376	612
24979	68131	LEAD	4	355	408	305	344
24980	68131	LEAD	4	215	398	201	336
24981	68131	LEAD	4	703	1047	562	817
24983	68131	LEAD	4	498	609	411	493
24984	68131	LEAD	4	305	482	268	399
24987	68131	LEAD	4	303	445	266	372
24988	68131	LEAD	4	316	369	276	315
24989	68131	LEAD	4	659	955	529	749
24990	68131	LEAD	4	320	611	279	494
24992	68131	LEAD	4	386	491	327	405
24993	68131	LEAD	4	511	662	420	532
24994	68131	LEAD	4	499	721	411	576
24997	68131	LEAD	4	348	476	299	394
24998	68131	LEAD	4	434	610	363	493
25003	68131	LEAD	5	239	484	219	400
25005	68131	LEAD	5	372	726	317	579
25006	68131	LEAD	4	213	375	200	319
25007	68131	LEAD	4	236	371	216	317
25008	68131	LEAD	2	446	725	372	579
25009	68131	LEAD	4	123	172	133	169
25010	68131	LEAD	4	430	529	360	433
25011	68131	LEAD	4	627	861	506	679
25012	68131	LEAD	4	413	560	348	456
25016	68131	LEAD	4	650	1641	523	1256
25019	68131	LEAD	3	207	263	195	236
25021	68131	LEAD	4	413	511	348	420
25022	68131	LEAD	4	191	301	183	265
25025	68131	LEAD	4	433	632	363	510
25026	68131	LEAD	4	195	220	186	205
25027	68131	LEAD	4	158	237	159	217
25028	68131	LEAD	4	332	515	288	423
25030	68131	LEAD	4	706	1190	565	923
25031	68131	LEAD	4	279	411	249	346
25032	68131	LEAD	4	293	847	259	669
25035	68131	LEAD	3	426	688	357	551
25037	68131	LEAD	2	202	230	192	212
25039	68131	LEAD	4	201	291	190	257
25041	68131	LEAD	4	311	606	272	490
25042	68131	LEAD	4	335	531	290	435

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25044	68131	LEAD	4	208	379	196	323
25047	68131	LEAD	3	758	1200	603	930
25049	68131	LEAD	5	176	229	172	211
25051	68131	LEAD	4	379	630	323	509
25052	68131	LEAD	2	130	137	138	143
25053	68131	LEAD	4	445	732	371	584
25054	68131	LEAD	4	156	250	157	227
25056	68131	LEAD	4	278	406	248	343
25057	68131	LEAD	4	295	445	260	371
25059	68131	LEAD	4	396	743	335	592
25061	68131	LEAD	4	155	241	156	220
25062	68131	LEAD	4	366	649	312	522
25063	68131	LEAD	4	142	159	147	160
25065	68131	LEAD	4	144	384	149	326
25066	68131	LEAD	5	118	175	129	172
25068	68131	LEAD	4	462	783	384	622
25069	68131	LEAD	4	237	420	218	353
25070	68131	LEAD	5	450	794	375	630
25071	68131	LEAD	4	772	2362	613	1790
25072	68131	LEAD	4	522	1247	428	964
25074	68131	LEAD	4	272	567	243	462
25075	68131	LEAD	4	495	678	409	544
25076	68131	LEAD	5	469	817	389	647
25077	68131	LEAD	5	177	213	173	199
25078	68131	LEAD	4	235	478	216	396
25079	68131	LEAD	4	167	215	166	201
25080	68131	LEAD	4	534	948	438	744
25081	68131	LEAD	4	654	862	526	680
25082	68131	LEAD	4	245	292	223	258
25085	68131	LEAD	4	93	144	111	148
25086	68131	LEAD	4	147	223	151	207
25088	68131	LEAD	4	187	579	181	470
25089	68131	LEAD	4	253	356	229	306
25091	68131	LEAD	4	802	946	636	742
25092	68131	LEAD	4	681	1574	546	1207
25093	68131	LEAD	4	249	311	226	272
25095	68131	LEAD	4	479	656	397	527
25096	68131	LEAD	4	234	410	215	345
25098	68131	LEAD	4	280	468	249	388
25100	68131	LEAD	4	555	795	453	630
25105	68131	LEAD	4	468	770	389	612
25106	68131	LEAD	4	484	784	400	622
25107	68131	LEAD	4	499	905	411	712
25108	68131	LEAD	4	325	520	282	427
25109	68131	LEAD	4	322	421	281	354

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25112	68131	LEAD	4	354	526	304	431
25113	68131	LEAD	4	423	819	355	648
25114	68131	LEAD	4	472	742	392	591
25116	68131	LEAD	3	296	498	261	411
25117	68131	LEAD	4	638	1744	514	1333
25119	68131	LEAD	4	125	191	135	184
25120	68131	LEAD	4	1119	2723	870	2057
25121	68131	LEAD	4	134	236	141	217
25122	68131	LEAD	4	143	221	148	206
25123	68131	LEAD	4	299	546	264	446
25124	68131	LEAD	4	350	448	301	373
25126	68131	LEAD	3	476	815	394	645
25127	68131	LEAD	4	134	201	141	191
25130	68131	LEAD	3	268	509	240	418
25131	68131	LEAD	3	470	737	390	588
25133	68131	LEAD	3	178	200	174	190
25135	68131	LEAD	4	542	1161	443	901
25137	68131	LEAD	3	685	883	549	696
25139	68131	LEAD	4	457	604	380	489
25140	68131	LEAD	4	249	338	226	292
25141	68131	LEAD	4	191	211	183	198
25142	68131	LEAD	2	376	518	320	425
25144	68131	LEAD	4	449	685	374	549
25145	68131	LEAD	2	253	267	230	239
25146	68131	LEAD	4	779	1507	618	1157
25147	68131	LEAD	4	397	621	336	502
25150	68131	LEAD	4	508	678	418	544
25151	68131	LEAD	5	356	607	305	491
25152	68131	LEAD	4	306	502	269	414
25153	68131	LEAD	4	59	72	86	95
25154	68131	LEAD	4	638	1097	514	853
25155	68131	LEAD	4	393	575	332	468
25156	68131	LEAD	4	308	423	270	355
25158	68131	LEAD	3	210	236	197	217
25159	68131	LEAD	4	244	467	222	387
25160	68131	LEAD	4	167	344	166	297
25161	68131	LEAD	3	232	300	214	264
25162	68131	LEAD	4	217	319	202	278
25163	68131	LEAD	3	286	336	254	290
25164	68131	LEAD	3	531	820	435	649
25165	68131	LEAD	4	145	194	150	186
25166	68131	LEAD	2	102	135	117	142
25167	68131	LEAD	4	358	782	307	621
25168	68131	LEAD	4	242	483	221	399
25169	68131	LEAD	3	561	668	457	536

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25171	68131	LEAD	3	794	1229	629	952
25173	68131	LEAD	4	407	593	343	481
25175	68131	LEAD	3	602	1168	487	906
25179	68131	LEAD	4	205	222	194	206
25180	68131	LEAD	4	334	537	289	440
25181	68131	LEAD	4	471	732	391	583
25182	68131	LEAD	5	595	1006	482	787
25183	68131	LEAD	4	868	1793	684	1369
25184	68131	LEAD	4	224	353	208	303
25185	68131	LEAD	4	475	934	393	733
25187	68131	LEAD	5	345	396	297	335
25188	68131	LEAD	4	204	365	193	312
25189	68131	LEAD	4	364	478	312	396
25190	68131	LEAD	4	268	368	240	314
25191	68131	LEAD	4	1315	2888	1015	2179
25193	68131	LEAD	4	261	341	235	295
25195	68131	LEAD	4	735	1235	586	956
25197	68131	LEAD	4	241	393	220	333
25198	68131	LEAD	4	2842	9894	2145	7364
25199	68131	LEAD	4	823	1239	651	959
25200	68131	LEAD	4	226	369	209	315
25201	68131	LEAD	4	593	884	481	696
25202	68131	LEAD	4	82	178	103	174
25203	68131	LEAD	4	367	670	313	538
25204	68131	LEAD	4	645	1250	519	967
25206	68131	LEAD	5	301	777	265	617
25208	68131	LEAD	5	284	803	252	636
25209	68131	LEAD	4	312	543	273	444
25210	68131	LEAD	4	1198	1957	929	1490
25213	68131	LEAD	4	620	907	501	713
25215	68131	LEAD	2	82	86	103	106
25216	68131	LEAD	4	162	229	162	212
25217	68131	LEAD	4	90	122	109	133
25220	68131	LEAD	4	209	444	197	371
25221	68131	LEAD	5	221	394	206	333
25223	68131	LEAD	4	382	758	324	603
25225	68131	LEAD	4	356	594	306	482
25226	68131	LEAD	4	450	598	375	485
25227	68131	LEAD	4	114	149	126	152
25228	68131	LEAD	5	373	643	318	518
25230	68131	LEAD	4	342	559	295	456
25231	68131	LEAD	4	435	575	364	468
25236	68131	LEAD	4	144	212	149	199
25237	68131	LEAD	4	348	491	300	405
25238	68131	LEAD	4	151	254	153	230

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25239	68131	LEAD	2	106	115	120	127
25240	68131	LEAD	2	108	117	122	129
25241	68131	LEAD	4	364	781	311	620
25242	68131	LEAD	4	382	486	325	402
25244	68131	LEAD	4	367	617	313	498
25245	68131	LEAD	4	171	338	168	292
25247	68131	LEAD	4	219	310	204	271
25248	68131	LEAD	4	563	906	458	712
25250	68131	LEAD	4	287	712	254	569
25251	68131	LEAD	4	296	448	261	374
25253	68131	LEAD	4	399	794	337	629
25254	68131	LEAD	4	367	745	313	593
25255	68131	LEAD	3	81	151	102	154
25256	68131	LEAD	4	263	306	237	269
25259	68131	LEAD	4	199	289	189	256
25260	68131	LEAD	3	645	681	519	546
25263	68131	LEAD	5	379	526	322	431
25265	68131	LEAD	4	1139	1921	885	1463
25271	68131	LEAD	2	1303	1396	1006	1075
25274	68131	LEAD	4	343	778	296	618
25277	68131	LEAD	3	159	273	160	244
25278	68131	LEAD	4	410	620	345	501
25280	68131	LEAD	5	184	350	178	301
25281	68131	LEAD	4	351	518	302	425
25282	68131	LEAD	4	260	295	234	260
25284	68131	LEAD	2	163	176	162	173
25285	68131	LEAD	4	121	175	132	172
25286	68131	LEAD	4	1014	1410	793	1085
25288	68131	LEAD	4	583	844	473	667
25289	68131	LEAD	4	319	603	278	488
25292	68131	LEAD	4	226	314	209	274
25293	68131	LEAD	5	329	512	286	421
25294	68131	LEAD	4	337	545	292	446
25295	68131	LEAD	4	310	468	271	388
25296	68131	LEAD	4	161	224	161	208
25298	68131	LEAD	4	402	705	339	563
25299	68131	LEAD	4	244	338	223	292
25301	68131	LEAD	4	230	355	212	305
25302	68131	LEAD	4	529	878	433	692
25303	68131	LEAD	4	264	322	237	280
25305	68131	LEAD	4	1109	2123	863	1613
25309	68131	LEAD	4	236	324	216	282
25311	68131	LEAD	2	404	464	341	385
25312	68131	LEAD	3	537	743	440	592
25313	68131	LEAD	4	283	534	252	437

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25314	68131	LEAD	3	366	559	313	456
25315	68131	LEAD	5	446	722	372	576
25316	68131	LEAD	4	666	1024	535	800
25319	68131	LEAD	4	440	732	368	583
25322	68131	LEAD	4	218	377	204	321
25324	68131	LEAD	3	144	233	148	215
25325	68131	LEAD	4	214	373	200	318
25327	68131	LEAD	3	402	625	340	505
25329	68131	LEAD	3	359	516	308	424
25330	68131	LEAD	4	138	180	144	175
25331	68131	LEAD	4	256	392	232	332
25332	68131	LEAD	5	389	955	330	749
25333	68131	LEAD	4	206	260	194	235
25334	68131	LEAD	5	168	212	166	199
25335	68131	LEAD	4	396	567	335	462
25337	68131	LEAD	4	732	1496	584	1149
25341	68131	LEAD	4	471	878	391	692
25343	68131	LEAD	4	315	515	275	423
25344	68131	LEAD	4	274	520	245	427
25345	68131	LEAD	4	276	360	246	308
25346	68131	LEAD	4	403	680	340	546
25347	68131	LEAD	4	278	359	248	308
25348	68131	LEAD	4	232	316	214	276
25349	68131	LEAD	4	414	568	349	462
25351	68131	LEAD	3	475	860	394	678
25352	68131	LEAD	4	534	824	437	652
25355	68131	LEAD	4	353	448	303	373
25356	68131	LEAD	4	387	919	328	722
25357	68131	LEAD	2	345	399	298	337
25359	68131	LEAD	2	401	492	338	406
25361	68131	LEAD	4	319	415	278	349
25362	68131	LEAD	4	310	461	272	383
25364	68131	LEAD	3	281	341	250	294
25365	68131	LEAD	2	762	864	606	681
25369	68131	LEAD	4	546	850	446	671
25371	68131	LEAD	3	458	715	381	571
25374	68131	LEAD	3	249	424	227	356
25376	68131	LEAD	4	223	303	207	266
25377	68131	LEAD	4	573	733	466	584
25381	68131	LEAD	4	268	599	240	485
25383	68131	LEAD	4	110	173	124	170
25384	68131	LEAD	4	411	614	346	497
25385	68131	LEAD	4	564	967	459	758
25388	68131	LEAD	4	318	348	278	299
25391	68131	LEAD	4	555	1060	453	827

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25392	68131	LEAD	4	409	573	344	466
25393	68131	LEAD	4	197	327	188	284
25394	68131	LEAD	4	481	835	398	660
25395	68131	LEAD	5	412	754	347	600
25397	68131	LEAD	3	573	813	466	644
25398	68131	LEAD	5	327	591	284	479
25399	68131	LEAD	4	227	246	210	224
25401	68131	LEAD	4	452	476	377	394
25408	68131	LEAD	4	1161	1474	901	1133
25410	68131	LEAD	4	450	698	375	558
25411	68131	LEAD	5	230	505	213	416
25412	68131	LEAD	4	832	1262	658	976
25413	68131	LEAD	3	139	161	145	161
25414	68131	LEAD	2	1013	1175	791	911
25415	68131	LEAD	4	422	563	354	458
25418	68131	LEAD	4	391	636	331	512
25419	68131	LEAD	4	168	264	166	238
25420	68131	LEAD	3	304	438	267	366
25421	68131	LEAD	4	460	739	382	589
25422	68131	LEAD	4	227	349	210	301
25423	68131	LEAD	4	260	376	235	320
25425	68131	LEAD	4	468	881	388	694
25426	68131	LEAD	4	575	1544	467	1185
25427	68131	LEAD	4	323	453	281	377
25429	68131	LEAD	4	520	1267	426	979
25433	68131	LEAD	3	305	339	268	293
25434	68131	LEAD	4	178	218	174	203
25437	68131	LEAD	4	490	1330	404	1027
25447	68131	LEAD	4	237	435	217	364
25448	68131	LEAD	4	347	583	299	474
25450	68131	LEAD	4	53	72	81	95
25453	68131	LEAD	4	125	202	135	192
25454	68131	LEAD	4	102	126	118	135
25455	68131	LEAD	5	416	805	350	638
25456	68131	LEAD	4	199	239	190	219
25457	68131	LEAD	4	318	438	277	366
25458	68131	LEAD	3	108	113	122	125
25459	68131	LEAD	4	445	814	372	644
25460	68131	LEAD	4	200	235	190	216
25461	68131	LEAD	3	427	578	358	470
25466	68131	LEAD	4	624	754	504	600
25467	68131	LEAD	4	424	694	356	556
25469	68131	LEAD	4	285	479	253	396
25470	68131	LEAD	4	667	1202	535	931
25473	68131	LEAD	3	657	760	528	604

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25474	68131	LEAD	2	1030	1410	804	1086
25475	68131	LEAD	4	1256	2817	972	2127
25477	68131	LEAD	3	252	291	229	258
25478	68131	LEAD	4	153	344	155	296
25479	68131	LEAD	4	254	407	230	343
25480	68131	LEAD	4	112	181	125	176
25481	68131	LEAD	4	504	899	415	707
25485	68131	LEAD	4	437	776	365	617
25489	68131	LEAD	4	347	586	299	476
25491	68131	LEAD	5	459	678	382	543
25492	68131	LEAD	4	386	464	328	385
25494	68131	LEAD	4	899	1545	707	1185
25495	68131	LEAD	5	488	879	403	693
25496	68131	LEAD	4	313	468	274	388
25497	68131	LEAD	3	427	651	358	524
25498	68131	LEAD	4	337	397	291	336
25500	68131	LEAD	4	679	966	544	757
25501	68131	LEAD	4	389	853	330	673
25502	68131	LEAD	4	552	876	450	690
25503	68131	LEAD	2	415	577	349	469
25505	68131	LEAD	3	145	155	149	156
25507	68131	LEAD	3	117	198	129	188
25508	68131	LEAD	5	241	364	220	312
25509	68131	LEAD	4	489	529	404	433
25513	68131	LEAD	4	639	724	515	578
25514	68131	LEAD	4	488	556	403	454
25515	68131	LEAD	4	605	764	490	608
25517	68131	LEAD	2	224	334	208	289
25518	68131	LEAD	4	230	346	212	298
25520	68131	LEAD	4	408	662	344	532
25522	68131	LEAD	4	365	564	312	459
25523	68131	LEAD	4	789	907	626	713
25527	68131	LEAD	4	198	274	189	245
25528	68131	LEAD	4	144	157	149	159
25529	68131	LEAD	4	388	602	329	488
25530	68131	LEAD	2	637	753	513	599
25531	68131	LEAD	4	183	260	177	235
25532	68131	LEAD	4	454	970	378	760
25537	68131	LEAD	4	572	698	465	558
25539	68131	LEAD	4	223	254	207	230
25540	68131	LEAD	4	503	751	414	597
25541	68131	LEAD	5	182	288	176	255
25543	68131	LEAD	4	367	586	314	476
25544	68131	LEAD	4	241	422	220	354
25546	68131	LEAD	4	329	441	286	368

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25547	68131	LEAD	4	287	758	255	603
25548	68131	LEAD	5	393	622	333	502
25550	68131	LEAD	4	367	561	313	457
25552	68131	LEAD	4	581	755	472	601
25554	68131	LEAD	4	107	144	121	148
25557	68131	LEAD	4	460	544	382	445
25558	68131	LEAD	2	151	177	154	173
25560	68131	LEAD	4	401	445	339	371
25562	68131	LEAD	4	336	930	290	730
25564	68131	LEAD	4	394	516	334	424
25565	68131	LEAD	4	532	731	435	583
25569	68131	LEAD	4	373	520	318	427
25571	68131	LEAD	3	694	942	555	739
25573	68131	LEAD	4	481	743	398	592
25574	68131	LEAD	4	376	501	320	413
25576	68131	LEAD	6	234	330	215	286
25577	68131	LEAD	4	368	754	315	600
25579	68131	LEAD	3	316	599	276	485
25580	68131	LEAD	4	512	833	421	658
25581	68131	LEAD	4	395	512	334	421
25584	68131	LEAD	4	2129	2983	1618	2249
25585	68131	LEAD	4	663	1120	533	870
25586	68131	LEAD	4	232	384	214	326
25587	68131	LEAD	2	537	706	439	564
25590	68131	LEAD	3	403	488	340	403
25591	68131	LEAD	4	190	241	183	220
25592	68131	LEAD	4	622	684	502	548
25593	68131	LEAD	5	379	841	323	664
25594	68131	LEAD	4	269	393	241	332
25595	68131	LEAD	3	296	561	261	457
25599	68131	LEAD	4	485	677	401	543
25600	68131	LEAD	3	221	308	205	270
25601	68131	LEAD	4	827	1525	654	1170
25603	68131	LEAD	4	154	223	156	207
25604	68131	LEAD	4	115	178	127	174
25605	68131	LEAD	4	66	111	91	124
25606	68131	LEAD	4	492	696	406	557
25607	68131	LEAD	4	195	367	186	314
25609	68131	LEAD	4	412	853	347	674
25610	68131	LEAD	4	467	659	387	529
25611	68131	LEAD	4	148	203	152	192
25614	68131	LEAD	4	299	471	263	390
25615	68131	LEAD	4	276	351	246	301
25617	68131	LEAD	4	203	247	192	225
25618	68131	LEAD	4	644	950	518	745

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
25623	68131	LEAD	4	287	374	255	319
25628	68131	LEAD	4	129	185	137	179
25629	68131	LEAD	4	352	626	303	505
25630	68131	LEAD	4	492	716	406	572
25633	68131	LEAD	3	253	361	229	309
25634	68131	LEAD	4	638	1413	514	1087
25636	68131	LEAD	4	699	938	559	736
25639	68131	LEAD	4	189	208	182	196
25641	68131	LEAD	4	421	642	354	517
25655	68131	LEAD	4	155	222	157	206
25657	68131	LEAD	4	329	404	285	341
25665	68131	LEAD	4	169	325	167	283
25668	68131	LEAD	4	81	129	102	138
25690	68131	LEAD	4	280	507	249	417
25694	68131	LEAD	4	251	573	228	466
49213	68131	LEAD	4	91	151	110	154
49214	68131	LEAD	4	95	124	113	134
49215	68131	LEAD	5	63	78	89	99
49370	68131	LEAD	2	344	363	296	310
50000	68131	LEAD	4	103	131	118	139
50009	68131	LEAD	4	84	200	104	190
50439	68131	LEAD	4	522	763	428	607
50446	68131	LEAD	3	727	890	580	700
50448	68131	LEAD	5	264	356	237	305
50534	68131	LEAD	4	241	366	220	313
50576	68131	LEAD	3	1031	1305	805	1008
50580	68131	LEAD	3	610	709	494	567
55747	68131	LEAD	4	472	512	392	421
57809	68131	LEAD	4	389	689	330	552
58685	68131	LEAD	4	324	519	281	426
82423	68131	LEAD	4	373	758	318	603
86097	68131	LEAD	4	186	309	180	271
89514	68131	LEAD	4	4651	18045	3484	13396
89546	68131	LEAD	4	124	194	134	186
89547	68131	LEAD	4	166	242	165	221
89787	68131	LEAD	4	554	894	452	704
90307	68131	LEAD	2	136	187	143	180
90701	68131	LEAD	3	176	201	172	191
90705	68131	LEAD	4	132	431	140	361
91158	68131	LEAD	4	178	197	174	188
91386	68131	LEAD	4	234	316	215	276
91457	68131	LEAD	4	282	859	250	678
92702	68131	LEAD	4	21	25	57	61
93111	68131	LEAD	5	297	531	262	435
93113	68131	LEAD	4	239	668	219	537

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
93114	68131	LEAD	4	348	621	300	501
93131	68131	LEAD	3	816	1320	646	1019
93132	68131	LEAD	3	594	672	481	539
93171	68131	LEAD	3	431	750	361	597
93413	68131	LEAD	2	55	60	83	87
93414	68131	LEAD	3	62	90	88	109
93415	68131	LEAD	3	126	150	135	153
93416	68131	LEAD	4	83	107	103	121
93417	68131	LEAD	5	203	489	193	404
93418	68131	LEAD	4	191	253	183	229
93419	68131	LEAD	3	118	152	129	154
93420	68131	LEAD	3	154	187	156	180
93540	68131	LEAD	3	641	1099	517	855
5	68132	LEAD	5	261	376	235	320
60	68132	LEAD	4	204	325	193	282
1358	68132	LEAD	4	161	212	161	199
1373	68132	LEAD	3	265	339	238	293
1381	68132	LEAD	3	58	82	85	102
1424	68132	LEAD	3	152	193	155	185
2021	68132	LEAD	5	249	434	226	363
2136	68132	LEAD	4	126	171	135	169
5018	68132	LEAD	5	66	89	91	108
5137	68132	LEAD	4	215	293	201	259
5139	68132	LEAD	4	213	360	200	308
5140	68132	LEAD	3	361	406	309	342
5312	68132	LEAD	3	534	744	437	592
5313	68132	LEAD	3	330	479	286	396
5314	68132	LEAD	4	352	535	302	438
5315	68132	LEAD	3	200	282	190	251
5316	68132	LEAD	4	74	139	97	145
5317	68132	LEAD	5	142	299	147	263
49486	68132	LEAD	2	107	122	121	132
49487	68132	LEAD	4	116	137	128	143
49488	68132	LEAD	3	409	829	345	655
49490	68132	LEAD	2	81	125	102	134
49491	68132	LEAD	3	177	267	173	239
49493	68132	LEAD	3	161	227	161	210
49494	68132	LEAD	4	125	163	134	163
49495	68132	LEAD	4	94	128	112	137
49496	68132	LEAD	4	164	269	164	241
49497	68132	LEAD	4	235	485	216	401
49498	68132	LEAD	4	392	532	332	435
49500	68132	LEAD	3	262	356	236	305
49501	68132	LEAD	3	251	337	228	291
49502	68132	LEAD	4	119	156	130	157

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49503	68132	LEAD	2	394	504	333	415
49504	68132	LEAD	4	395	494	334	408
49505	68132	LEAD	4	246	532	224	436
49506	68132	LEAD	4	353	523	303	429
49509	68132	LEAD	4	324	540	282	441
49510	68132	LEAD	3	270	285	242	253
49511	68132	LEAD	4	256	334	231	289
49512	68132	LEAD	4	391	620	332	501
49513	68132	LEAD	3	614	812	497	643
49514	68132	LEAD	3	993	1784	777	1362
49515	68132	LEAD	3	219	305	204	268
49516	68132	LEAD	5	143	188	148	181
49517	68132	LEAD	4	252	514	228	422
49518	68132	LEAD	3	350	659	301	530
49519	68132	LEAD	3	135	163	142	163
49521	68132	LEAD	4	345	379	297	322
49522	68132	LEAD	4	208	300	196	264
49523	68132	LEAD	3	240	394	220	334
49524	68132	LEAD	3	239	256	219	231
49525	68132	LEAD	5	283	501	251	413
49526	68132	LEAD	3	354	441	304	368
49527	68132	LEAD	3	258	305	233	268
49528	68132	LEAD	5	682	959	547	752
49529	68132	LEAD	5	264	466	238	387
49536	68132	LEAD	4	195	271	186	243
49538	68132	LEAD	3	147	271	151	242
49539	68132	LEAD	4	407	535	343	438
49540	68132	LEAD	1	2069	2069	1573	1573
49541	68132	LEAD	3	328	502	285	414
49542	68132	LEAD	3	483	589	399	478
49543	68132	LEAD	4	381	426	324	358
49544	68132	LEAD	4	386	604	328	489
49546	68132	LEAD	4	192	235	184	216
49547	68132	LEAD	4	202	264	192	237
49548	68132	LEAD	4	325	446	283	372
49551	68132	LEAD	4	237	313	217	273
49552	68132	LEAD	4	568	896	462	705
49553	68132	LEAD	3	217	238	203	218
49554	68132	LEAD	3	198	288	188	255
49556	68132	LEAD	3	351	564	302	459
49558	68132	LEAD	4	341	552	294	450
49561	68132	LEAD	3	634	852	511	673
49563	68132	LEAD	4	543	723	444	577
49564	68132	LEAD	4	526	747	431	594
49565	68132	LEAD	4	291	467	258	387

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49566	68132	LEAD	4	360	742	308	591
49567	68132	LEAD	4	257	397	233	336
49568	68132	LEAD	4	267	373	240	318
49569	68132	LEAD	4	266	512	239	421
49571	68132	LEAD	4	574	885	467	697
49573	68132	LEAD	4	552	825	450	653
49574	68132	LEAD	4	1490	4054	1145	3042
49575	68132	LEAD	3	680	896	545	705
49576	68132	LEAD	4	391	524	332	429
49577	68132	LEAD	4	462	751	384	598
49578	68132	LEAD	4	354	472	304	391
49583	68132	LEAD	4	398	537	336	439
49584	68132	LEAD	4	550	1445	449	1111
49585	68132	LEAD	4	308	378	270	321
49588	68132	LEAD	4	452	665	376	534
49589	68132	LEAD	4	487	571	402	464
49590	68132	LEAD	4	436	778	364	618
49591	68132	LEAD	2	333	490	288	405
49592	68132	LEAD	1	749	749	596	596
49594	68132	LEAD	2	512	648	421	522
49595	68132	LEAD	4	649	925	522	727
49599	68132	LEAD	3	519	574	426	467
49602	68132	LEAD	4	657	1125	529	874
49603	68132	LEAD	3	719	1401	574	1079
49604	68132	LEAD	4	168	236	166	217
49607	68132	LEAD	4	71	104	95	119
49608	68132	LEAD	2	211	222	198	206
49610	68132	LEAD	4	275	364	245	311
49612	68132	LEAD	4	795	1130	631	878
49613	68132	LEAD	3	280	365	249	312
49614	68132	LEAD	4	48	81	77	102
49615	68132	LEAD	3	285	356	253	306
49616	68132	LEAD	4	359	602	307	487
49618	68132	LEAD	4	182	228	177	211
49619	68132	LEAD	4	333	463	288	385
49620	68132	LEAD	3	251	342	228	295
49621	68132	LEAD	4	469	782	389	620
49622	68132	LEAD	4	169	248	167	225
49623	68132	LEAD	4	168	189	166	182
49624	68132	LEAD	4	391	1025	332	801
49625	68132	LEAD	5	252	405	229	342
49626	68132	LEAD	4	180	309	176	270
49627	68132	LEAD	4	109	175	123	171
49628	68132	LEAD	4	184	266	178	239
49632	68132	LEAD	3	597	877	484	691

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49634	68132	LEAD	5	336	461	291	383
49635	68132	LEAD	4	181	310	176	271
49637	68132	LEAD	3	375	471	319	391
49638	68132	LEAD	3	442	837	369	662
49639	68132	LEAD	2	205	240	194	220
49640	68132	LEAD	4	325	534	283	437
49641	68132	LEAD	4	381	726	324	579
49642	68132	LEAD	4	313	399	273	337
49643	68132	LEAD	5	345	643	297	518
49644	68132	LEAD	4	347	439	299	367
49645	68132	LEAD	5	389	871	330	686
49647	68132	LEAD	2	120	139	131	145
49648	68132	LEAD	4	164	240	163	220
49649	68132	LEAD	5	252	406	228	342
49651	68132	LEAD	5	107	158	121	159
49652	68132	LEAD	4	422	630	354	508
49653	68132	LEAD	4	325	625	283	504
49654	68132	LEAD	3	362	456	310	379
49656	68132	LEAD	4	473	685	392	549
49657	68132	LEAD	3	118	134	129	141
49659	68132	LEAD	4	448	567	374	462
49660	68132	LEAD	4	276	311	246	272
49661	68132	LEAD	4	111	146	124	150
49662	68132	LEAD	4	197	303	188	266
49663	68132	LEAD	4	225	331	208	287
49664	68132	LEAD	4	124	206	134	195
49665	68132	LEAD	4	244	378	222	321
49666	68132	LEAD	3	282	331	250	287
49667	68132	LEAD	2	178	211	174	198
49668	68132	LEAD	2	506	635	416	512
49669	68132	LEAD	3	201	216	191	202
49670	68132	LEAD	4	281	586	250	476
49671	68132	LEAD	5	290	789	257	626
49672	68132	LEAD	5	125	226	135	210
49674	68132	LEAD	4	529	752	434	598
49676	68132	LEAD	4	164	228	163	211
49678	68132	LEAD	3	84	107	104	122
49679	68132	LEAD	4	132	203	140	192
49680	68132	LEAD	4	116	155	128	157
49681	68132	LEAD	4	329	602	286	487
49682	68132	LEAD	4	200	353	190	304
49686	68132	LEAD	4	602	1010	487	789
49687	68132	LEAD	4	980	1694	767	1296
49688	68132	LEAD	4	351	657	302	528
49689	68132	LEAD	3	210	288	197	255

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49690	68132	LEAD	3	141	164	147	164
49691	68132	LEAD	5	181	410	176	346
49692	68132	LEAD	3	185	204	179	193
49693	68132	LEAD	4	179	258	174	233
49694	68132	LEAD	4	134	165	141	164
49695	68132	LEAD	3	384	491	326	405
49697	68132	LEAD	5	142	198	147	189
49698	68132	LEAD	4	98	133	115	140
49699	68132	LEAD	4	103	148	118	152
49701	68132	LEAD	4	223	255	207	231
49702	68132	LEAD	3	544	755	444	601
49703	68132	LEAD	4	291	497	257	410
49704	68132	LEAD	5	301	535	265	438
49707	68132	LEAD	5	558	1022	455	799
49708	68132	LEAD	5	128	175	137	171
49709	68132	LEAD	4	337	461	291	383
49712	68132	LEAD	4	140	176	145	172
49713	68132	LEAD	4	135	204	142	193
49714	68132	LEAD	4	139	239	145	219
49716	68132	LEAD	4	78	104	99	119
49717	68132	LEAD	4	262	518	236	425
49722	68132	LEAD	5	114	144	126	148
49723	68132	LEAD	5	216	327	202	284
49724	68132	LEAD	5	183	322	178	281
49725	68132	LEAD	4	264	392	237	332
49726	68132	LEAD	4	218	331	203	287
49727	68132	LEAD	4	126	145	135	149
49728	68132	LEAD	4	101	150	117	153
49729	68132	LEAD	4	279	465	249	386
49730	68132	LEAD	4	307	613	269	496
49732	68132	LEAD	4	463	998	385	780
49733	68132	LEAD	4	211	416	198	350
49734	68132	LEAD	5	359	1091	307	849
49736	68132	LEAD	4	161	321	161	279
49737	68132	LEAD	4	87	122	106	132
49738	68132	LEAD	5	67	87	92	106
49739	68132	LEAD	4	65	100	90	116
49741	68132	LEAD	4	550	864	449	681
49742	68132	LEAD	5	367	473	313	392
49743	68132	LEAD	4	270	627	242	506
49745	68132	LEAD	4	294	574	260	467
49746	68132	LEAD	2	273	297	244	262
49747	68132	LEAD	4	477	819	395	648
49749	68132	LEAD	5	278	394	248	333
49752	68132	LEAD	5	204	281	193	250

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49753	68132	LEAD	5	200	317	190	276
49755	68132	LEAD	4	137	195	143	187
49757	68132	LEAD	4	312	691	273	554
49759	68132	LEAD	4	207	425	195	357
49760	68132	LEAD	4	358	551	307	450
49761	68132	LEAD	4	200	222	190	206
49762	68132	LEAD	4	226	590	209	479
49763	68132	LEAD	5	184	360	178	308
49764	68132	LEAD	4	312	549	273	448
49765	68132	LEAD	4	268	362	240	310
49766	68132	LEAD	4	112	166	125	165
49767	68132	LEAD	4	423	583	355	473
49768	68132	LEAD	3	300	507	264	417
49769	68132	LEAD	4	311	666	272	535
49774	68132	LEAD	5	270	576	242	468
49777	68132	LEAD	4	261	431	236	361
49778	68132	LEAD	4	256	409	231	345
49779	68132	LEAD	4	239	294	219	260
49781	68132	LEAD	5	259	487	234	402
49782	68132	LEAD	5	86	114	106	127
49783	68132	LEAD	5	196	276	187	246
49784	68132	LEAD	4	266	333	238	288
49785	68132	LEAD	6	254	417	230	351
49786	68132	LEAD	4	48	75	77	98
49787	68132	LEAD	3	428	579	359	471
49788	68132	LEAD	4	218	269	203	241
49791	68132	LEAD	4	139	173	145	170
49793	68132	LEAD	5	197	511	188	420
49796	68132	LEAD	5	195	321	186	279
49797	68132	LEAD	4	267	517	239	425
49799	68132	LEAD	4	194	251	186	228
49800	68132	LEAD	4	110	134	123	141
49801	68132	LEAD	4	221	303	206	266
49802	68132	LEAD	4	1258	3562	973	2678
49803	68132	LEAD	3	183	212	177	199
49804	68132	LEAD	3	453	619	377	500
49805	68132	LEAD	4	264	447	237	373
49806	68132	LEAD	4	416	582	349	473
49807	68132	LEAD	4	591	755	480	601
49808	68132	LEAD	4	1331	1898	1027	1446
49811	68132	LEAD	3	118	252	129	229
49812	68132	LEAD	3	99	103	115	118
49813	68132	LEAD	4	297	414	262	348
49814	68132	LEAD	5	419	853	352	673
49815	68132	LEAD	5	101	131	117	139

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49816	68132	LEAD	4	193	323	184	281
49817	68132	LEAD	4	109	184	123	178
49818	68132	LEAD	3	439	510	367	420
49819	68132	LEAD	3	263	362	237	310
49820	68132	LEAD	3	293	351	259	302
49822	68132	LEAD	4	113	145	126	149
49823	68132	LEAD	4	233	335	214	290
49825	68132	LEAD	3	143	179	148	175
49826	68132	LEAD	5	198	303	188	266
49827	68132	LEAD	4	150	176	153	172
49828	68132	LEAD	3	210	302	198	265
49832	68132	LEAD	3	220	279	205	248
49833	68132	LEAD	4	91	111	109	124
49834	68132	LEAD	4	395	506	335	416
49835	68132	LEAD	4	138	209	144	197
49836	68132	LEAD	4	113	177	126	173
49837	68132	LEAD	3	242	385	221	327
49839	68132	LEAD	3	172	262	169	236
49841	68132	LEAD	4	496	931	409	731
49843	68132	LEAD	4	327	637	284	513
49844	68132	LEAD	4	193	284	185	252
49846	68132	LEAD	4	173	233	170	215
49848	68132	LEAD	4	330	571	286	464
49849	68132	LEAD	4	407	632	343	509
49851	68132	LEAD	4	120	212	131	199
49852	68132	LEAD	5	470	1342	390	1035
49853	68132	LEAD	5	203	525	192	430
49854	68132	LEAD	4	207	240	195	220
49855	68132	LEAD	4	362	492	310	406
49857	68132	LEAD	4	170	202	168	191
49858	68132	LEAD	2	133	194	140	185
49859	68132	LEAD	3	290	381	256	324
49860	68132	LEAD	4	268	350	241	301
49861	68132	LEAD	4	241	307	220	269
49862	68132	LEAD	4	242	372	221	317
49863	68132	LEAD	5	311	486	272	401
49864	68132	LEAD	4	512	1087	421	846
49865	68132	LEAD	2	492	541	406	443
49868	68132	LEAD	4	235	381	216	324
49870	68132	LEAD	4	246	357	224	306
49872	68132	LEAD	4	187	328	181	285
49874	68132	LEAD	4	350	682	301	546
49876	68132	LEAD	2	163	181	163	176
49877	68132	LEAD	5	333	472	289	391
49881	68132	LEAD	4	283	397	251	336

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49883	68132	LEAD	4	438	709	366	567
49884	68132	LEAD	4	580	1162	471	902
49885	68132	LEAD	4	168	194	166	186
49886	68132	LEAD	4	254	345	230	298
49888	68132	LEAD	4	143	218	148	203
49889	68132	LEAD	4	220	363	204	311
49891	68132	LEAD	4	138	177	144	173
49892	68132	LEAD	5	150	263	153	236
49893	68132	LEAD	5	122	196	132	187
49894	68132	LEAD	3	273	365	244	312
49895	68132	LEAD	4	387	472	328	391
49897	68132	LEAD	5	268	333	240	288
49898	68132	LEAD	4	239	304	219	267
49899	68132	LEAD	4	78	118	99	129
49901	68132	LEAD	4	165	212	164	199
49902	68132	LEAD	4	70	105	94	120
49905	68132	LEAD	4	133	291	141	257
49906	68132	LEAD	4	278	487	248	403
49907	68132	LEAD	4	93	128	111	137
49908	68132	LEAD	4	336	493	290	407
49909	68132	LEAD	4	384	599	326	485
49910	68132	LEAD	4	227	296	210	261
49911	68132	LEAD	4	100	104	116	119
49912	68132	LEAD	3	151	181	153	176
49913	68132	LEAD	4	240	258	219	233
49914	68132	LEAD	3	209	256	197	231
49915	68132	LEAD	4	176	406	172	343
49916	68132	LEAD	5	117	211	129	198
49917	68132	LEAD	4	156	244	157	223
49918	68132	LEAD	4	75	84	97	104
49920	68132	LEAD	4	285	439	253	367
49921	68132	LEAD	4	191	288	183	255
49922	68132	LEAD	4	188	339	181	293
49923	68132	LEAD	3	218	340	204	294
49924	68132	LEAD	4	187	480	180	398
49925	68132	LEAD	3	176	324	172	282
49926	68132	LEAD	4	171	258	168	233
49927	68132	LEAD	4	163	239	163	219
49928	68132	LEAD	4	253	364	230	311
49929	68132	LEAD	4	114	199	126	189
49930	68132	LEAD	4	239	422	219	355
49931	68132	LEAD	5	478	621	395	502
49932	68132	LEAD	2	181	246	176	224
49933	68132	LEAD	4	89	129	108	138
49934	68132	LEAD	2	436	627	365	506

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49935	68132	LEAD	4	262	410	236	346
49936	68132	LEAD	4	79	97	100	114
49937	68132	LEAD	5	207	445	195	371
49938	68132	LEAD	3	234	331	215	287
49939	68132	LEAD	5	201	275	191	245
49940	68132	LEAD	4	349	430	301	360
49941	68132	LEAD	4	118	188	129	181
49943	68132	LEAD	5	262	628	236	507
49944	68132	LEAD	6	174	295	171	261
49945	68132	LEAD	4	89	127	108	136
49946	68132	LEAD	5	132	163	139	163
49947	68132	LEAD	4	142	171	147	168
49948	68132	LEAD	4	834	1678	659	1284
49950	68132	LEAD	4	501	874	413	689
49952	68132	LEAD	4	534	794	437	630
49953	68132	LEAD	4	111	189	124	182
49954	68132	LEAD	4	93	136	111	143
49955	68132	LEAD	3	561	963	457	755
49956	68132	LEAD	3	281	427	250	358
49958	68132	LEAD	4	186	204	179	193
49959	68132	LEAD	4	229	290	211	256
49960	68132	LEAD	4	120	162	131	162
49961	68132	LEAD	4	200	306	190	268
49962	68132	LEAD	4	220	318	205	278
49963	68132	LEAD	4	144	161	148	161
49964	68132	LEAD	4	411	504	346	415
49965	68132	LEAD	4	174	334	171	290
49966	68132	LEAD	4	269	349	241	300
49968	68132	LEAD	3	334	426	289	357
49969	68132	LEAD	3	115	151	127	154
49970	68132	LEAD	4	155	193	156	185
49971	68132	LEAD	5	268	368	240	314
49972	68132	LEAD	4	124	231	134	213
49973	68132	LEAD	4	302	471	266	390
49974	68132	LEAD	3	129	204	138	193
49975	68132	LEAD	5	321	571	280	464
49976	68132	LEAD	3	211	249	198	226
49978	68132	LEAD	4	204	574	193	467
49979	68132	LEAD	4	533	858	437	677
49981	68132	LEAD	4	392	664	332	533
49982	68132	LEAD	3	188	213	181	200
49983	68132	LEAD	5	66	87	91	106
49984	68132	LEAD	5	64	82	89	103
49985	68132	LEAD	4	475	801	393	635
49986	68132	LEAD	3	713	1143	569	888

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
49988	68132	LEAD	4	656	1209	527	936
49989	68132	LEAD	4	265	620	238	501
49990	68132	LEAD	3	161	224	161	208
49991	68132	LEAD	4	113	183	126	177
49992	68132	LEAD	4	273	475	244	393
49993	68132	LEAD	4	176	233	172	214
49994	68132	LEAD	4	269	434	241	363
49995	68132	LEAD	4	189	253	182	229
49996	68132	LEAD	4	222	255	207	231
50479	68132	LEAD	4	32	38	65	70
50484	68132	LEAD	4	49	67	78	91
50485	68132	LEAD	4	95	148	112	151
50490	68132	LEAD	4	759	1035	604	808
50493	68132	LEAD	4	61	71	87	95
50494	68132	LEAD	2	134	140	141	145
50536	68132	LEAD	4	398	575	337	468
50549	68132	LEAD	4	132	206	140	194
50550	68132	LEAD	4	373	624	318	503
50591	68132	LEAD	2	58	73	85	96
50592	68132	LEAD	2	136	189	143	182
50597	68132	LEAD	4	288	440	255	368
51189	68132	LEAD	4	102	145	118	149
51190	68132	LEAD	4	154	191	156	184
51191	68132	LEAD	4	197	323	188	281
51192	68132	LEAD	3	203	243	192	222
51193	68132	LEAD	4	154	264	156	237
51194	68132	LEAD	4	130	213	138	199
51195	68132	LEAD	4	202	257	192	232
51197	68132	LEAD	4	211	351	198	302
51199	68132	LEAD	4	224	420	208	353
51200	68132	LEAD	4	134	259	141	233
51201	68132	LEAD	4	121	160	132	160
51202	68132	LEAD	5	340	677	294	543
51203	68132	LEAD	4	203	511	192	420
51205	68132	LEAD	4	217	383	202	325
51207	68132	LEAD	4	197	244	188	222
51208	68132	LEAD	4	291	688	258	551
51209	68132	LEAD	3	152	269	155	241
51210	68132	LEAD	4	204	310	193	271
51211	68132	LEAD	4	118	185	129	179
51212	68132	LEAD	4	149	206	153	194
51214	68132	LEAD	4	117	161	129	161
51215	68132	LEAD	4	154	237	156	217
51216	68132	LEAD	5	129	293	138	259
51217	68132	LEAD	5	161	258	161	233

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51218	68132	LEAD	4	179	217	174	203
51219	68132	LEAD	3	100	153	116	155
51220	68132	LEAD	4	261	404	235	341
51221	68132	LEAD	5	172	350	170	301
51222	68132	LEAD	4	84	143	104	148
51223	68132	LEAD	3	182	218	176	203
51224	68132	LEAD	5	124	169	134	167
51225	68132	LEAD	4	294	450	259	375
51226	68132	LEAD	4	113	122	126	133
51227	68132	LEAD	4	211	495	198	408
51228	68132	LEAD	4	91	129	109	137
51230	68132	LEAD	4	195	267	187	239
51231	68132	LEAD	4	421	957	354	750
51232	68132	LEAD	5	193	254	185	230
51233	68132	LEAD	4	102	184	117	178
51234	68132	LEAD	5	109	186	123	179
51235	68132	LEAD	4	184	277	178	247
51238	68132	LEAD	4	172	319	169	278
51239	68132	LEAD	3	160	250	160	227
51240	68132	LEAD	4	169	288	167	255
51241	68132	LEAD	4	171	328	168	284
51242	68132	LEAD	3	131	139	139	145
51243	68132	LEAD	5	145	306	150	269
51245	68132	LEAD	4	231	326	213	283
51246	68132	LEAD	4	252	391	229	331
51247	68132	LEAD	3	92	148	110	151
51248	68132	LEAD	4	221	334	206	289
51249	68132	LEAD	4	93	113	111	126
51250	68132	LEAD	3	148	194	152	186
51251	68132	LEAD	4	124	193	134	185
51252	68132	LEAD	4	270	598	242	485
51253	68132	LEAD	5	139	158	145	159
51254	68132	LEAD	5	368	630	314	508
51255	68132	LEAD	3	229	317	212	276
51256	68132	LEAD	4	187	448	180	374
51259	68132	LEAD	4	112	188	125	181
51260	68132	LEAD	4	314	530	274	434
51261	68132	LEAD	3	161	238	161	218
51262	68132	LEAD	5	134	160	141	161
51263	68132	LEAD	3	170	194	167	186
51266	68132	LEAD	4	140	217	145	202
51267	68132	LEAD	4	314	871	274	687
51269	68132	LEAD	4	317	855	276	675
51270	68132	LEAD	4	130	235	138	216
51271	68132	LEAD	3	177	321	173	279

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51272	68132	LEAD	3	161	178	161	174
51273	68132	LEAD	5	196	272	187	243
51274	68132	LEAD	4	112	259	125	234
51276	68132	LEAD	3	199	249	189	226
51277	68132	LEAD	4	138	185	144	179
51278	68132	LEAD	5	209	323	197	281
51279	68132	LEAD	5	140	172	145	170
51280	68132	LEAD	4	114	179	126	174
51281	68132	LEAD	4	224	420	208	353
51283	68132	LEAD	4	202	334	192	289
51284	68132	LEAD	6	147	241	151	220
51285	68132	LEAD	5	314	586	274	476
51286	68132	LEAD	4	117	164	129	163
51287	68132	LEAD	4	110	180	123	175
51288	68132	LEAD	4	117	160	128	161
51289	68132	LEAD	4	103	108	118	122
51291	68132	LEAD	3	169	235	167	216
51292	68132	LEAD	3	181	201	176	191
51293	68132	LEAD	4	230	491	212	406
51294	68132	LEAD	6	151	222	154	206
51295	68132	LEAD	4	150	274	153	245
51296	68132	LEAD	4	211	353	198	303
51298	68132	LEAD	3	313	336	273	290
51299	68132	LEAD	4	206	245	194	224
51300	68132	LEAD	3	277	444	247	371
51302	68132	LEAD	4	188	439	181	367
51303	68132	LEAD	5	329	492	285	406
51304	68132	LEAD	4	365	703	312	562
51306	68132	LEAD	5	316	540	276	442
51307	68132	LEAD	4	311	500	272	412
51308	68132	LEAD	4	218	383	203	326
51309	68132	LEAD	3	313	403	274	340
51310	68132	LEAD	3	215	242	201	221
51312	68132	LEAD	4	232	381	214	324
51314	68132	LEAD	3	121	159	131	160
51315	68132	LEAD	4	150	222	153	206
51319	68132	LEAD	2	119	134	130	141
51320	68132	LEAD	4	282	576	251	468
51321	68132	LEAD	3	100	133	116	140
51323	68132	LEAD	5	162	226	162	209
51327	68132	LEAD	4	332	444	287	371
51329	68132	LEAD	4	143	234	148	215
51330	68132	LEAD	4	161	180	161	175
51331	68132	LEAD	5	222	356	206	305
51332	68132	LEAD	4	99	117	115	128

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51333	68132	LEAD	3	108	127	122	136
51334	68132	LEAD	5	366	470	313	389
51336	68132	LEAD	4	245	357	223	306
51338	68132	LEAD	3	197	238	188	218
51344	68132	LEAD	4	332	736	288	587
51347	68132	LEAD	3	325	591	283	479
51348	68132	LEAD	3	206	296	194	261
51349	68132	LEAD	3	164	255	164	230
51350	68132	LEAD	3	192	426	184	357
51351	68132	LEAD	3	245	342	223	295
51352	68132	LEAD	3	504	563	415	458
51353	68132	LEAD	3	386	820	328	649
51354	68132	LEAD	5	205	300	193	264
51356	68132	LEAD	3	1320	1712	1019	1309
51357	68132	LEAD	3	491	851	405	672
51358	68132	LEAD	4	330	665	286	534
51359	68132	LEAD	5	202	309	191	270
51361	68132	LEAD	3	262	384	236	326
51362	68132	LEAD	4	269	339	241	293
51363	68132	LEAD	3	384	575	326	468
51364	68132	LEAD	2	169	215	167	201
51367	68132	LEAD	4	186	222	180	206
51368	68132	LEAD	4	177	209	173	196
51369	68132	LEAD	3	127	184	136	178
51370	68132	LEAD	4	191	242	184	221
51373	68132	LEAD	4	155	200	157	190
51374	68132	LEAD	4	295	796	261	631
51379	68132	LEAD	4	227	331	210	287
51380	68132	LEAD	2	249	397	226	336
51381	68132	LEAD	3	278	303	248	266
51383	68132	LEAD	2	246	422	224	354
51384	68132	LEAD	4	99	167	115	166
51386	68132	LEAD	4	246	456	224	379
51387	68132	LEAD	3	352	395	302	334
51388	68132	LEAD	3	275	284	245	252
51389	68132	LEAD	4	142	178	147	173
51391	68132	LEAD	4	228	279	210	249
51392	68132	LEAD	4	258	520	233	426
51393	68132	LEAD	3	195	269	186	241
51394	68132	LEAD	3	228	364	211	311
51395	68132	LEAD	4	179	300	174	264
51396	68132	LEAD	3	106	118	121	130
51397	68132	LEAD	4	150	169	153	167
51398	68132	LEAD	3	377	533	321	437
51399	68132	LEAD	5	399	594	337	482

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51400	68132	LEAD	3	397	519	335	426
51401	68132	LEAD	5	442	539	369	441
51404	68132	LEAD	4	773	2278	614	1728
51405	68132	LEAD	4	429	576	359	469
51407	68132	LEAD	4	139	199	145	189
51408	68132	LEAD	4	166	205	165	194
51409	68132	LEAD	5	202	323	191	281
51410	68132	LEAD	5	262	414	236	349
51412	68132	LEAD	4	407	505	343	416
51413	68132	LEAD	4	216	309	202	271
51414	68132	LEAD	4	438	698	366	558
51415	68132	LEAD	2	304	490	267	405
51416	68132	LEAD	4	257	477	232	395
51422	68132	LEAD	4	525	775	430	616
51426	68132	LEAD	4	230	316	212	276
51427	68132	LEAD	4	437	811	365	642
51433	68132	LEAD	2	366	461	312	383
51434	68132	LEAD	2	394	424	333	356
51437	68132	LEAD	4	427	686	358	550
51440	68132	LEAD	4	592	927	480	728
51444	68132	LEAD	4	564	735	459	586
51445	68132	LEAD	4	583	959	474	752
51454	68132	LEAD	4	401	1250	338	967
51455	68132	LEAD	4	438	548	366	447
51456	68132	LEAD	4	573	940	466	737
51457	68132	LEAD	4	526	944	431	740
51458	68132	LEAD	3	226	268	209	240
51459	68132	LEAD	4	172	310	169	271
51460	68132	LEAD	5	351	724	302	578
51464	68132	LEAD	4	223	322	207	281
51466	68132	LEAD	4	459	952	382	747
51467	68132	LEAD	4	477	750	395	597
51468	68132	LEAD	4	300	675	264	541
51469	68132	LEAD	3	450	494	375	408
51470	68132	LEAD	4	245	395	224	335
51471	68132	LEAD	4	287	384	254	326
51473	68132	LEAD	5	174	271	171	243
51474	68132	LEAD	3	380	545	323	445
51475	68132	LEAD	4	496	1237	409	957
51476	68132	LEAD	4	490	637	405	513
51479	68132	LEAD	2	242	247	221	225
51480	68132	LEAD	3	88	117	107	129
51481	68132	LEAD	3	328	480	285	397
51482	68132	LEAD	4	236	343	217	296
51483	68132	LEAD	4	198	312	188	273

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51485	68132	LEAD	4	132	195	140	186
51486	68132	LEAD	4	594	841	481	664
51488	68132	LEAD	2	387	575	328	467
51489	68132	LEAD	4	261	379	235	322
51490	68132	LEAD	4	407	779	343	618
51491	68132	LEAD	4	181	296	176	261
51492	68132	LEAD	5	200	275	190	246
51493	68132	LEAD	4	176	224	172	207
51494	68132	LEAD	3	446	853	372	673
51495	68132	LEAD	2	270	274	242	245
51496	68132	LEAD	3	170	304	168	267
51497	68132	LEAD	5	191	320	183	279
51499	68132	LEAD	4	214	260	200	234
51504	68132	LEAD	4	487	761	403	605
51505	68132	LEAD	4	417	728	351	581
51506	68132	LEAD	1	172	172	169	169
51507	68132	LEAD	4	295	393	261	333
51508	68132	LEAD	3	431	771	361	613
51510	68132	LEAD	4	131	176	139	172
51511	68132	LEAD	4	514	1156	422	898
51512	68132	LEAD	4	200	269	190	241
51515	68132	LEAD	4	430	939	360	737
51516	68132	LEAD	3	816	1704	646	1303
51517	68132	LEAD	5	314	749	275	596
51519	68132	LEAD	4	216	521	202	427
51520	68132	LEAD	3	276	382	246	325
51522	68132	LEAD	3	234	321	215	279
51524	68132	LEAD	4	612	823	495	651
51525	68132	LEAD	4	648	1135	521	882
51526	68132	LEAD	3	487	831	403	657
51528	68132	LEAD	2	96	119	113	130
51529	68132	LEAD	4	1786	4226	1364	3169
51530	68132	LEAD	3	295	508	260	418
51532	68132	LEAD	4	444	501	370	412
51533	68132	LEAD	4	281	287	250	254
51538	68132	LEAD	4	910	1501	715	1153
51540	68132	LEAD	4	138	182	144	177
51541	68132	LEAD	3	267	332	239	288
51542	68132	LEAD	3	475	986	394	771
51543	68132	LEAD	3	348	464	299	386
51544	68132	LEAD	4	972	2036	761	1549
51545	68132	LEAD	3	533	673	436	540
51546	68132	LEAD	5	639	1292	515	998
51547	68132	LEAD	3	2139	2987	1625	2252
51550	68132	LEAD	4	243	373	222	318

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51551	68132	LEAD	4	180	251	175	228
51552	68132	LEAD	4	351	646	302	520
51553	68132	LEAD	4	334	538	289	440
51556	68132	LEAD	4	359	550	308	449
51557	68132	LEAD	1	99	99	115	115
51558	68132	LEAD	4	308	394	270	333
51559	68132	LEAD	4	207	239	195	219
51561	68132	LEAD	4	100	159	116	160
51564	68132	LEAD	4	157	183	158	178
51565	68132	LEAD	3	101	118	117	129
51566	68132	LEAD	3	737	898	587	706
51567	68132	LEAD	4	375	720	320	575
51569	68132	LEAD	5	486	1067	402	832
51571	68132	LEAD	4	453	703	377	562
51574	68132	LEAD	4	300	503	264	415
51577	68132	LEAD	3	363	470	311	389
51578	68132	LEAD	3	243	257	222	233
51580	68132	LEAD	4	429	842	359	665
51582	68132	LEAD	4	1184	1875	918	1429
51583	68132	LEAD	4	768	1767	610	1350
51584	68132	LEAD	1	84	84	104	104
51585	68132	LEAD	5	131	257	139	232
51586	68132	LEAD	4	154	332	156	288
51587	68132	LEAD	4	311	663	272	533
51588	68132	LEAD	4	720	1664	575	1273
51589	68132	LEAD	4	205	223	194	207
51590	68132	LEAD	4	339	472	293	391
51591	68132	LEAD	3	135	200	142	190
51592	68132	LEAD	4	289	346	256	298
51594	68132	LEAD	4	252	282	229	251
51595	68132	LEAD	5	450	714	375	570
51596	68132	LEAD	4	375	693	320	555
51597	68132	LEAD	4	250	490	227	405
51598	68132	LEAD	3	229	276	212	246
51600	68132	LEAD	3	154	210	156	197
51601	68132	LEAD	3	281	311	250	272
51602	68132	LEAD	4	431	685	361	549
51607	68132	LEAD	5	169	225	167	208
51608	68132	LEAD	4	262	322	236	280
51609	68132	LEAD	4	306	371	269	316
51613	68132	LEAD	5	120	211	131	198
51615	68132	LEAD	3	259	479	234	397
51617	68132	LEAD	3	240	457	220	380
51618	68132	LEAD	5	165	294	164	259
51619	68132	LEAD	4	611	1432	494	1102

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51620	68132	LEAD	4	233	355	214	305
51621	68132	LEAD	4	367	639	313	515
51623	68132	LEAD	3	710	973	567	762
51624	68132	LEAD	2	397	627	336	506
51625	68132	LEAD	5	250	351	227	302
51626	68132	LEAD	3	473	572	392	465
51627	68132	LEAD	4	158	182	159	177
51628	68132	LEAD	3	199	235	189	216
51629	68132	LEAD	4	139	159	145	160
51630	68132	LEAD	4	138	179	144	174
51631	68132	LEAD	3	127	136	136	143
51633	68132	LEAD	4	453	595	377	482
51634	68132	LEAD	3	277	363	247	310
51637	68132	LEAD	5	535	883	438	695
51638	68132	LEAD	2	560	794	456	630
51639	68132	LEAD	4	221	260	206	234
51640	68132	LEAD	3	303	480	266	397
51641	68132	LEAD	3	333	607	288	491
51642	68132	LEAD	2	208	281	196	250
51645	68132	LEAD	4	317	844	277	667
51646	68132	LEAD	4	363	630	311	508
51648	68132	LEAD	3	136	186	143	180
51650	68132	LEAD	4	392	655	332	527
51652	68132	LEAD	3	381	479	324	396
51653	68132	LEAD	5	160	201	160	191
51654	68132	LEAD	3	182	276	177	246
51655	68132	LEAD	4	230	315	212	275
51656	68132	LEAD	3	203	288	192	255
51657	68132	LEAD	3	386	889	328	700
51658	68132	LEAD	4	204	286	193	254
51659	68132	LEAD	4	189	234	182	215
51660	68132	LEAD	4	340	944	294	741
51661	68132	LEAD	4	176	301	172	265
51662	68132	LEAD	4	236	555	217	453
51663	68132	LEAD	4	197	534	188	437
51664	68132	LEAD	2	84	115	104	127
51667	68132	LEAD	4	122	152	132	155
51668	68132	LEAD	4	205	269	194	241
51669	68132	LEAD	4	443	544	370	445
51671	68132	LEAD	4	390	685	330	549
51672	68132	LEAD	5	180	249	175	226
51673	68132	LEAD	3	210	220	197	205
51676	68132	LEAD	4	509	864	419	682
51678	68132	LEAD	3	177	253	173	229
51679	68132	LEAD	2	150	188	153	181

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51680	68132	LEAD	3	505	601	415	487
51681	68132	LEAD	4	357	475	306	393
51682	68132	LEAD	3	351	386	302	327
51683	68132	LEAD	4	222	320	206	279
51684	68132	LEAD	4	356	566	305	461
51685	68132	LEAD	5	889	1846	700	1408
51687	68132	LEAD	4	345	680	297	545
51688	68132	LEAD	3	717	806	573	638
51689	68132	LEAD	4	377	498	321	411
51690	68132	LEAD	6	301	428	265	358
51691	68132	LEAD	4	80	93	101	111
51692	68132	LEAD	3	666	876	535	690
51693	68132	LEAD	4	627	885	506	697
51694	68132	LEAD	2	486	603	402	488
51696	68132	LEAD	4	432	915	362	719
51699	68132	LEAD	4	158	231	159	213
51700	68132	LEAD	3	271	416	243	350
51701	68132	LEAD	4	209	297	197	262
51703	68132	LEAD	2	369	669	315	537
51704	68132	LEAD	4	335	497	290	410
51705	68132	LEAD	4	417	574	350	467
51706	68132	LEAD	5	528	783	433	622
51708	68132	LEAD	2	133	195	141	186
51709	68132	LEAD	2	375	399	319	337
51710	68132	LEAD	4	547	1029	447	803
51711	68132	LEAD	4	210	347	198	299
51712	68132	LEAD	5	285	494	253	408
51715	68132	LEAD	3	375	492	320	406
51716	68132	LEAD	4	555	709	453	567
51717	68132	LEAD	4	509	899	419	707
51720	68132	LEAD	4	118	147	129	151
51721	68132	LEAD	4	591	816	479	646
51722	68132	LEAD	4	517	978	424	766
51724	68132	LEAD	3	662	893	532	703
51725	68132	LEAD	4	646	919	520	722
51727	68132	LEAD	4	417	960	351	753
51728	68132	LEAD	3	229	479	211	396
51730	68132	LEAD	4	304	439	267	367
51731	68132	LEAD	5	180	265	175	238
51733	68132	LEAD	4	497	821	410	649
51734	68132	LEAD	5	296	442	261	369
51735	68132	LEAD	4	396	599	335	485
51736	68132	LEAD	3	428	513	358	421
51737	68132	LEAD	4	356	426	305	357
51738	68132	LEAD	4	950	2017	745	1535

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51747	68132	LEAD	4	273	376	244	320
51748	68132	LEAD	4	303	540	266	442
51749	68132	LEAD	4	255	301	230	264
51750	68132	LEAD	4	164	250	164	227
51751	68132	LEAD	4	130	211	138	198
51752	68132	LEAD	4	140	268	146	240
51753	68132	LEAD	4	232	306	214	268
51754	68132	LEAD	3	202	376	191	320
51756	68132	LEAD	2	130	150	138	153
51757	68132	LEAD	4	293	405	259	342
51758	68132	LEAD	5	277	469	247	389
51759	68132	LEAD	4	312	428	273	359
51764	68132	LEAD	5	304	389	267	330
51765	68132	LEAD	4	341	680	294	546
51766	68132	LEAD	2	73	104	96	119
51767	68132	LEAD	4	92	130	110	138
51768	68132	LEAD	4	215	382	201	325
51769	68132	LEAD	2	111	130	124	138
51772	68132	LEAD	5	273	367	244	313
51774	68132	LEAD	3	329	753	285	599
51775	68132	LEAD	4	274	366	245	313
51777	68132	LEAD	2	796	977	631	765
51778	68132	LEAD	4	198	290	188	257
51779	68132	LEAD	3	170	203	167	192
51780	68132	LEAD	4	327	581	284	472
51781	68132	LEAD	4	211	328	198	285
51782	68132	LEAD	3	303	537	266	439
51783	68132	LEAD	3	248	328	226	285
51784	68132	LEAD	5	230	313	212	273
51785	68132	LEAD	5	352	461	303	383
51786	68132	LEAD	4	388	920	329	723
51787	68132	LEAD	4	109	135	123	142
51788	68132	LEAD	4	176	260	172	235
51789	68132	LEAD	3	266	397	239	335
51790	68132	LEAD	4	262	384	236	326
51791	68132	LEAD	3	329	612	285	495
51792	68132	LEAD	4	323	498	281	410
51793	68132	LEAD	3	389	732	330	584
51795	68132	LEAD	3	311	416	272	350
51796	68132	LEAD	4	423	795	355	630
51797	68132	LEAD	3	328	556	284	454
51798	68132	LEAD	4	977	3291	765	2477
51800	68132	LEAD	3	380	494	323	408
51801	68132	LEAD	3	275	442	246	369
51802	68132	LEAD	3	176	188	172	181

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51803	68132	LEAD	4	273	619	244	500
51805	68132	LEAD	4	169	217	167	203
51806	68132	LEAD	1	141	141	146	146
51807	68132	LEAD	4	1451	2947	1116	2223
51808	68132	LEAD	3	446	663	372	532
51809	68132	LEAD	3	1584	3542	1214	2663
51813	68132	LEAD	4	260	585	234	475
51814	68132	LEAD	4	320	846	279	668
51816	68132	LEAD	3	278	313	248	273
51817	68132	LEAD	3	455	627	379	506
51818	68132	LEAD	2	148	161	152	161
51819	68132	LEAD	4	309	414	271	349
51820	68132	LEAD	5	587	1625	476	1245
51821	68132	LEAD	4	239	386	219	328
51822	68132	LEAD	4	155	179	157	175
51825	68132	LEAD	5	199	370	189	316
51826	68132	LEAD	4	231	278	213	248
51827	68132	LEAD	2	244	313	223	274
51828	68132	LEAD	4	262	426	236	357
51829	68132	LEAD	3	162	235	162	216
51831	68132	LEAD	3	491	528	405	433
51832	68132	LEAD	4	134	157	141	158
51834	68132	LEAD	3	187	287	180	254
51835	68132	LEAD	4	133	175	140	171
51837	68132	LEAD	5	257	579	233	471
51838	68132	LEAD	3	219	368	204	314
51839	68132	LEAD	4	221	313	205	274
51840	68132	LEAD	4	155	282	157	251
51842	68132	LEAD	4	102	127	118	136
51843	68132	LEAD	4	200	237	190	217
51844	68132	LEAD	4	226	315	209	275
51845	68132	LEAD	4	169	220	167	205
51846	68132	LEAD	3	2797	5803	2112	4336
51847	68132	LEAD	5	1904	5450	1451	4075
51848	68132	LEAD	4	147	281	151	250
51849	68132	LEAD	4	220	271	205	243
51850	68132	LEAD	5	404	705	341	564
51851	68132	LEAD	3	338	804	292	637
51853	68132	LEAD	4	190	267	182	240
51854	68132	LEAD	2	211	250	198	227
51855	68132	LEAD	5	235	306	216	268
51856	68132	LEAD	4	53	69	82	93
51857	68132	LEAD	5	525	901	431	708
51858	68132	LEAD	4	124	219	134	204
51859	68132	LEAD	2	137	147	144	151

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51860	68132	LEAD	4	98	124	115	133
51861	68132	LEAD	4	227	419	210	352
51863	68132	LEAD	4	107	153	121	155
51864	68132	LEAD	3	200	301	190	265
51865	68132	LEAD	4	240	283	220	251
51866	68132	LEAD	2	280	382	249	324
51867	68132	LEAD	2	251	266	228	239
51868	68132	LEAD	4	349	661	300	531
51870	68132	LEAD	5	267	382	239	325
51871	68132	LEAD	2	296	334	261	289
51872	68132	LEAD	2	287	363	254	311
51873	68132	LEAD	4	152	202	154	191
51874	68132	LEAD	4	314	526	274	431
51875	68132	LEAD	3	144	188	148	181
51876	68132	LEAD	3	603	636	488	513
51877	68132	LEAD	3	255	335	231	290
51878	68132	LEAD	4	451	888	376	699
51879	68132	LEAD	5	104	196	119	187
51881	68132	LEAD	2	392	431	332	361
51884	68132	LEAD	4	576	1058	468	825
51885	68132	LEAD	2	294	384	260	326
51886	68132	LEAD	4	300	889	264	700
51889	68132	LEAD	4	288	399	255	337
51890	68132	LEAD	2	476	559	394	456
51891	68132	LEAD	3	229	268	212	241
51892	68132	LEAD	4	487	914	402	719
51894	68132	LEAD	3	732	1203	584	933
51895	68132	LEAD	3	258	323	233	281
51896	68132	LEAD	4	880	1186	693	920
51897	68132	LEAD	5	345	807	297	639
51898	68132	LEAD	3	592	992	480	776
51901	68132	LEAD	3	446	631	372	509
51902	68132	LEAD	3	301	448	265	374
51904	68132	LEAD	3	104	121	119	131
51905	68132	LEAD	4	520	899	427	707
51906	68132	LEAD	4	885	1504	697	1155
51907	68132	LEAD	4	116	143	128	148
51908	68132	LEAD	3	290	304	257	267
51910	68132	LEAD	4	213	380	199	323
51911	68132	LEAD	4	357	593	306	481
51913	68132	LEAD	4	484	672	400	539
51914	68132	LEAD	2	436	499	364	412
51916	68132	LEAD	3	516	612	424	495
51917	68132	LEAD	2	464	565	385	460
51918	68132	LEAD	3	263	425	237	357

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51919	68132	LEAD	3	311	431	272	361
51920	68132	LEAD	2	334	357	289	306
51921	68132	LEAD	4	145	238	149	218
51922	68132	LEAD	3	183	217	178	202
51923	68132	LEAD	2	435	610	364	493
51924	68132	LEAD	4	208	300	196	264
51926	68132	LEAD	2	190	193	183	185
51927	68132	LEAD	3	77	121	99	132
51928	68132	LEAD	4	245	327	223	284
51929	68132	LEAD	4	133	297	140	262
51930	68132	LEAD	3	181	220	176	205
51932	68132	LEAD	4	290	623	257	503
51933	68132	LEAD	4	184	303	178	266
51934	68132	LEAD	4	115	148	127	152
51935	68132	LEAD	4	175	218	171	203
51936	68132	LEAD	3	150	174	153	171
51937	68132	LEAD	4	216	457	202	380
51938	68132	LEAD	4	216	502	202	413
51941	68132	LEAD	4	760	1808	604	1380
51943	68132	LEAD	4	130	238	139	218
51944	68132	LEAD	4	233	477	214	395
51945	68132	LEAD	4	235	385	216	327
51946	68132	LEAD	4	256	420	232	353
51948	68132	LEAD	4	862	1884	680	1436
51949	68132	LEAD	4	201	358	191	307
51950	68132	LEAD	4	729	947	582	743
51951	68132	LEAD	4	322	461	280	383
51955	68132	LEAD	5	354	653	304	525
51956	68132	LEAD	4	268	445	240	371
51957	68132	LEAD	4	216	353	202	304
51958	68132	LEAD	4	358	572	307	465
51959	68132	LEAD	3	495	699	408	559
51960	68132	LEAD	4	671	1205	538	934
51961	68132	LEAD	3	413	531	347	435
51962	68132	LEAD	4	162	242	162	221
51964	68132	LEAD	3	261	351	235	302
51965	68132	LEAD	4	266	363	239	310
51967	68132	LEAD	5	349	580	301	471
51968	68132	LEAD	3	643	1249	518	967
51969	68132	LEAD	3	558	781	455	620
51970	68132	LEAD	3	411	650	346	523
51971	68132	LEAD	4	198	341	189	294
51972	68132	LEAD	4	163	302	163	265
51973	68132	LEAD	3	406	521	342	427
51977	68132	LEAD	4	329	362	286	310

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
51978	68132	LEAD	4	568	999	462	781
51979	68132	LEAD	4	154	222	156	206
51980	68132	LEAD	2	372	470	317	390
51982	68132	LEAD	5	86	175	105	172
51983	68132	LEAD	4	411	572	346	465
51984	68132	LEAD	4	172	208	169	196
51985	68132	LEAD	4	364	604	311	489
51986	68132	LEAD	4	325	385	283	327
51987	68132	LEAD	4	413	624	348	504
51988	68132	LEAD	4	416	1183	350	917
51990	68132	LEAD	4	201	314	190	274
51992	68132	LEAD	4	479	727	397	580
51994	68132	LEAD	3	366	700	313	560
51997	68132	LEAD	4	159	253	159	229
51998	68132	LEAD	4	129	150	137	153
51999	68132	LEAD	3	227	332	210	288
52000	68132	LEAD	2	130	179	138	174
52001	68132	LEAD	2	274	280	245	249
52003	68132	LEAD	4	309	519	271	426
52004	68132	LEAD	4	202	341	192	294
52005	68132	LEAD	3	844	1217	667	942
52008	68132	LEAD	4	202	296	192	261
52009	68132	LEAD	4	385	551	327	450
52010	68132	LEAD	4	211	319	198	278
52011	68132	LEAD	3	451	544	376	445
52012	68132	LEAD	5	193	251	185	228
52013	68132	LEAD	3	371	523	317	429
52014	68132	LEAD	4	122	169	132	167
52017	68132	LEAD	5	76	104	98	119
52018	68132	LEAD	4	1122	2874	872	2168
52020	68132	LEAD	5	304	408	267	344
52021	68132	LEAD	4	409	914	345	718
52023	68132	LEAD	3	217	257	203	232
52024	68132	LEAD	4	275	325	246	283
52026	68132	LEAD	4	360	662	308	532
52027	68132	LEAD	3	506	624	416	503
52028	68132	LEAD	3	512	714	421	570
52029	68132	LEAD	4	391	730	332	582
52030	68132	LEAD	1	168	168	166	166
52033	68132	LEAD	4	451	957	375	750
52034	68132	LEAD	2	254	325	230	283
52035	68132	LEAD	4	134	172	141	169
52036	68132	LEAD	4	422	729	354	581
52037	68132	LEAD	4	124	229	134	212
52038	68132	LEAD	5	141	194	146	185

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
52039	68132	LEAD	4	304	413	267	347
52041	68132	LEAD	4	460	917	382	721
52043	68132	LEAD	3	205	233	194	215
52044	68132	LEAD	4	271	408	242	344
52045	68132	LEAD	3	286	465	254	386
52046	68132	LEAD	5	276	344	246	296
52048	68132	LEAD	4	303	388	267	329
52049	68132	LEAD	4	247	533	225	436
52050	68132	LEAD	3	75	99	98	115
52051	68132	LEAD	4	96	113	113	126
52052	68132	LEAD	4	159	269	159	241
52054	68132	LEAD	4	170	269	168	241
52055	68132	LEAD	4	140	177	146	173
52056	68132	LEAD	4	70	88	94	107
52059	68132	LEAD	4	338	489	292	404
52060	68132	LEAD	4	108	162	122	162
52062	68132	LEAD	5	84	127	104	136
52064	68132	LEAD	5	138	173	144	170
52065	68132	LEAD	4	388	660	329	530
52066	68132	LEAD	3	657	1410	528	1086
52068	68132	LEAD	3	250	290	227	257
52069	68132	LEAD	5	323	595	281	482
52070	68132	LEAD	3	70	77	94	99
52071	68132	LEAD	4	225	322	208	280
52072	68132	LEAD	3	206	265	194	238
52073	68132	LEAD	4	211	376	198	321
52074	68132	LEAD	3	311	375	272	319
52075	68132	LEAD	5	144	227	148	210
52076	68132	LEAD	4	182	284	177	252
52077	68132	LEAD	4	176	247	172	224
52078	68132	LEAD	4	70	81	94	102
52079	68132	LEAD	5	629	919	507	722
52080	68132	LEAD	4	354	476	304	395
52082	68132	LEAD	4	271	331	243	287
52084	68132	LEAD	5	302	538	266	440
52085	68132	LEAD	4	185	261	179	235
52086	68132	LEAD	2	396	494	335	408
52087	68132	LEAD	4	157	264	159	238
52088	68132	LEAD	4	466	688	387	551
52089	68132	LEAD	4	351	738	302	588
52090	68132	LEAD	3	219	391	204	331
52091	68132	LEAD	6	378	1088	322	847
52093	68132	LEAD	3	345	442	297	369
52094	68132	LEAD	5	96	197	113	188
52095	68132	LEAD	4	128	179	137	174

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
52096	68132	LEAD	4	162	272	162	243
52097	68132	LEAD	5	110	230	123	212
52099	68132	LEAD	5	114	157	126	158
52100	68132	LEAD	4	247	368	225	314
52101	68132	LEAD	4	182	246	177	224
52102	68132	LEAD	4	556	904	453	711
52103	68132	LEAD	4	140	268	146	240
52104	68132	LEAD	3	196	256	187	231
52105	68132	LEAD	4	401	800	339	634
52106	68132	LEAD	3	194	272	185	244
52107	68132	LEAD	4	390	607	331	491
52108	68132	LEAD	4	376	583	321	473
52110	68132	LEAD	4	299	346	263	298
52111	68132	LEAD	4	326	467	283	388
52112	68132	LEAD	6	103	190	118	183
52113	68132	LEAD	4	241	278	221	247
52114	68132	LEAD	4	157	234	158	215
52115	68132	LEAD	3	221	319	205	278
52116	68132	LEAD	4	237	555	218	452
52119	68132	LEAD	4	100	133	116	140
52120	68132	LEAD	4	351	548	302	448
52122	68132	LEAD	4	131	179	139	174
52124	68132	LEAD	4	239	335	219	290
52126	68132	LEAD	4	97	137	114	143
52127	68132	LEAD	3	66	97	91	114
52128	68132	LEAD	3	117	129	129	137
52129	68132	LEAD	4	440	987	368	772
52130	68132	LEAD	4	105	131	120	139
52131	68132	LEAD	3	75	93	97	111
52133	68132	LEAD	4	338	623	292	503
52134	68132	LEAD	4	167	276	165	246
52135	68132	LEAD	5	119	193	130	185
52136	68132	LEAD	4	186	385	180	327
52137	68132	LEAD	4	67	93	92	111
52138	68132	LEAD	4	122	163	132	163
52140	68132	LEAD	4	337	780	292	619
52141	68132	LEAD	5	75	113	97	126
52142	68132	LEAD	4	182	402	176	340
52145	68132	LEAD	5	83	100	103	116
52146	68132	LEAD	4	269	575	241	468
52147	68132	LEAD	5	124	175	133	172
52148	68132	LEAD	4	192	299	184	263
52150	68132	LEAD	4	159	209	160	197
52151	68132	LEAD	5	275	617	245	499
52153	68132	LEAD	4	88	127	107	136

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
52154	68132	LEAD	5	215	352	201	303
52155	68132	LEAD	3	172	211	169	198
52156	68132	LEAD	3	208	259	196	234
52157	68132	LEAD	3	357	472	306	391
52158	68132	LEAD	4	395	678	334	544
52159	68132	LEAD	5	224	263	208	237
52163	68132	LEAD	4	177	320	173	279
52164	68132	LEAD	4	128	187	137	180
52165	68132	LEAD	4	55	68	83	92
52166	68132	LEAD	4	304	503	267	414
52167	68132	LEAD	5	60	71	87	95
52168	68132	LEAD	4	81	127	102	136
52172	68132	LEAD	4	437	801	365	635
52173	68132	LEAD	4	209	296	197	261
52174	68132	LEAD	4	101	131	117	139
52175	68132	LEAD	4	126	164	135	163
52176	68132	LEAD	4	162	313	162	273
52177	68132	LEAD	5	243	549	222	448
52178	68132	LEAD	5	151	235	154	216
52181	68132	LEAD	3	119	127	130	136
52182	68132	LEAD	4	70	122	94	132
52184	68132	LEAD	3	309	724	271	577
52185	68132	LEAD	3	52	60	80	87
52186	68132	LEAD	4	341	593	295	480
52187	68132	LEAD	4	208	399	196	337
52188	68132	LEAD	4	104	203	119	193
52189	68132	LEAD	4	145	220	150	205
52190	68132	LEAD	4	84	101	104	117
52191	68132	LEAD	4	204	302	193	265
52192	68132	LEAD	5	153	229	156	212
52193	68132	LEAD	3	134	156	141	158
52195	68132	LEAD	4	270	509	242	418
52196	68132	LEAD	4	174	255	171	230
52197	68132	LEAD	4	218	445	203	371
52198	68132	LEAD	5	185	296	179	261
52199	68132	LEAD	4	115	188	127	181
52200	68132	LEAD	4	519	814	426	645
52201	68132	LEAD	4	320	853	279	673
52202	68132	LEAD	5	334	632	289	509
52203	68132	LEAD	4	230	301	212	265
52204	68132	LEAD	4	306	696	268	557
52205	68132	LEAD	4	252	523	228	429
52206	68132	LEAD	4	136	230	143	212
52207	68132	LEAD	3	487	1025	402	801
52210	68132	LEAD	4	419	499	352	412

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
52211	68132	LEAD	4	169	376	167	321
52212	68132	LEAD	4	182	351	177	301
52213	68132	LEAD	4	179	274	175	245
52214	68132	LEAD	4	190	244	182	223
52215	68132	LEAD	4	158	235	159	216
52216	68132	LEAD	4	260	329	234	286
52217	68132	LEAD	4	96	170	113	168
52218	68132	LEAD	4	275	526	245	431
52219	68132	LEAD	4	158	208	159	196
52220	68132	LEAD	4	90	133	108	141
52221	68132	LEAD	4	203	289	192	256
52222	68132	LEAD	4	188	234	181	215
52224	68132	LEAD	4	205	386	194	328
52225	68132	LEAD	4	290	530	256	434
52226	68132	LEAD	4	184	292	178	258
52228	68132	LEAD	3	520	684	427	549
52229	68132	LEAD	3	297	446	262	372
52230	68132	LEAD	4	334	748	289	595
52231	68132	LEAD	4	212	260	199	234
52233	68132	LEAD	4	181	245	176	224
52235	68132	LEAD	4	371	889	317	700
52237	68132	LEAD	2	273	330	244	286
52238	68132	LEAD	3	237	547	217	446
52239	68132	LEAD	4	401	660	339	530
52240	68132	LEAD	4	338	460	292	382
52242	68132	LEAD	3	449	708	374	566
52243	68132	LEAD	4	118	213	129	200
52244	68132	LEAD	4	111	131	124	139
52245	68132	LEAD	4	111	156	124	157
52246	68132	LEAD	4	223	334	207	289
52319	68132	LEAD	3	164	230	163	213
52320	68132	LEAD	3	115	153	127	155
52324	68132	LEAD	4	127	276	136	246
52325	68132	LEAD	4	646	1316	520	1016
52327	68132	LEAD	3	63	65	89	90
52328	68132	LEAD	2	46	46	76	76
52330	68132	LEAD	4	133	233	141	215
52331	68132	LEAD	4	145	268	150	240
52332	68132	LEAD	4	207	507	195	417
52333	68132	LEAD	4	72	84	95	104
52334	68132	LEAD	4	89	110	108	123
52336	68132	LEAD	4	100	160	116	161
52337	68132	LEAD	3	128	199	137	189
52338	68132	LEAD	4	82	121	103	132
52339	68132	LEAD	4	115	181	127	176

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
52340	68132	LEAD	3	238	346	218	298
52342	68132	LEAD	2	103	107	118	121
52343	68132	LEAD	1	122	122	132	132
52345	68132	LEAD	4	139	280	145	249
52349	68132	LEAD	4	325	451	282	376
52350	68132	LEAD	3	272	390	243	330
52351	68132	LEAD	4	301	520	265	427
52352	68132	LEAD	4	866	1245	683	963
52353	68132	LEAD	3	336	603	290	488
52355	68132	LEAD	4	178	334	173	289
52356	68132	LEAD	4	220	558	205	455
52357	68132	LEAD	3	88	123	107	133
52358	68132	LEAD	4	134	261	142	235
52359	68132	LEAD	4	104	153	119	155
52360	68132	LEAD	4	185	377	179	321
52362	68132	LEAD	4	177	210	173	197
52363	68132	LEAD	4	155	171	157	169
52365	68132	LEAD	4	117	169	129	167
52366	68132	LEAD	4	62	80	88	101
52367	68132	LEAD	5	58	77	85	99
52368	68132	LEAD	4	198	382	189	324
52370	68132	LEAD	4	114	149	126	152
52371	68132	LEAD	4	93	99	111	115
52373	68132	LEAD	4	221	404	206	341
52374	68132	LEAD	4	54	65	82	90
52375	68132	LEAD	4	180	277	175	247
52378	68132	LEAD	4	130	197	138	188
52379	68132	LEAD	4	236	615	217	497
52380	68132	LEAD	4	122	206	133	194
52381	68132	LEAD	4	50	73	79	96
52383	68132	LEAD	4	84	99	104	116
52384	68132	LEAD	4	113	164	126	163
52385	68132	LEAD	4	171	270	168	242
52386	68132	LEAD	3	105	166	120	165
52387	68132	LEAD	4	386	688	327	551
52390	68132	LEAD	2	152	163	154	162
52391	68132	LEAD	4	75	111	97	124
52392	68132	LEAD	4	212	327	199	284
52393	68132	LEAD	4	167	234	165	215
52394	68132	LEAD	4	73	94	96	112
52395	68132	LEAD	3	112	133	125	140
52396	68132	LEAD	3	75	100	98	116
52399	68132	LEAD	4	119	181	130	176
52400	68132	LEAD	2	127	133	136	140
52402	68132	LEAD	4	60	89	86	108

Table G-1. Exposure Point Concentrations for Lead in Soil and Dust

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]		Dust Concentration (mg/kg) [2]	
				Average	Maximum	Average	Maximum
52403	68132	LEAD	4	58	74	85	96
52406	68132	LEAD	3	68	82	92	103
52407	68132	LEAD	3	185	267	179	239
52408	68132	LEAD	3	136	167	143	165
52409	68132	LEAD	3	267	364	240	311
52411	68132	LEAD	3	240	490	220	404
63004	68132	LEAD	5	456	639	379	515
63007	68132	LEAD	3	312	543	273	444
63008	68132	LEAD	5	77	124	99	134
63009	68132	LEAD	2	306	402	269	339
65501	68132	LEAD	4	353	601	303	487
65509	68132	LEAD	4	124	204	133	193
66774	68132	LEAD	3	131	195	139	187
66775	68132	LEAD	4	190	282	183	251
66776	68132	LEAD	3	383	641	325	516
66777	68132	LEAD	2	212	335	199	290
66779	68132	LEAD	4	138	183	144	178
66780	68132	LEAD	4	568	771	462	612
66781	68132	LEAD	2	411	419	346	352
66782	68132	LEAD	4	167	287	166	254
66783	68132	LEAD	4	256	373	231	318
66784	68132	LEAD	3	447	899	373	707
66786	68132	LEAD	4	1089	2147	848	1631
66787	68132	LEAD	4	420	563	352	459
66788	68132	LEAD	4	195	356	187	305
66791	68132	LEAD	4	560	1257	457	972
66792	68132	LEAD	4	1011	1375	790	1060
66816	68132	LEAD	4	460	556	383	454
81810	68132	LEAD	4	236	339	217	293
83820	68132	LEAD	4	284	518	252	425
83821	68132	LEAD	4	241	404	220	341
92431	68132	LEAD	3	709	919	566	722
92645	68132	LEAD	4	198	293	189	259
93335	68132	LEAD	2	270	326	242	283
93347	68132	LEAD	3	305	499	268	412
93348	68132	LEAD	3	267	360	240	308
93473	68132	LEAD	4	106	139	120	145
93493	68132	LEAD	3	208	223	196	207

[1] Soil concentrations adjusted to represent the concentration of lead in the fine fraction, analyzed by ICP (see Section 4.4.1).

[2] Estimated concentration of lead in indoor dust (see Section 4.4.1)

Area Type = Yard soil (Quadrant 1, Quadrant 2, Quadrant 3, and/or Quadrant 4), Play Area Soil, and/or Garden Soil.

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2133	68104	Aluminum	1	9650	9650
5026	68104	Aluminum	1	9800	9800
5143	68104	Aluminum	1	11300	11300
5144	68104	Aluminum	1	7860	7860
5145	68104	Aluminum	1	9900	9900
5147	68104	Aluminum	1	6850	6850
2229	68105	Aluminum	1	11700	11700
2299	68105	Aluminum	1	8520	8520
2300	68105	Aluminum	1	7850	7850
2308	68105	Aluminum	1	7470	7470
3076	68105	Aluminum	1	8240	8240
3118	68105	Aluminum	1	8660	8660
5054	68105	Aluminum	1	7190	7190
5057	68105	Aluminum	1	10900	10900
5105	68105	Aluminum	1	10600	10600
5109	68105	Aluminum	1	6440	6440
5110	68105	Aluminum	1	12100	12100
5112	68105	Aluminum	1	9570	9570
5117	68105	Aluminum	1	12300	12300
5123	68105	Aluminum	1	11500	11500
5128	68105	Aluminum	1	13200	13200
5129	68105	Aluminum	1	9590	9590
5132	68105	Aluminum	1	13300	13300
5134	68105	Aluminum	1	16400	16400
5338	68105	Aluminum	1	8150	8150
5347	68105	Aluminum	1	10800	10800
5351	68105	Aluminum	1	2.05	2.05
5352	68105	Aluminum	1	9240	9240
5355	68105	Aluminum	1	9130	9130
5356	68105	Aluminum	1	9330	9330
5357	68105	Aluminum	1	7110	7110
5359	68105	Aluminum	1	7300	7300
5361	68105	Aluminum	1	7940	7940
5363	68105	Aluminum	1	6700	6700
5364	68105	Aluminum	1	9680	9680
5365	68105	Aluminum	1	10300	10300
5367	68105	Aluminum	1	6070	6070
5486	68105	Aluminum	1	7100	7100
5488	68105	Aluminum	1	9960	9960
5489	68105	Aluminum	1	9460	9460
5495	68105	Aluminum	1	6820	6820
5509	68105	Aluminum	1	8710	8710
5610	68105	Aluminum	1	8600	8600
2030	68107	Aluminum	1	13900	13900
2038	68107	Aluminum	1	9300	9300
2104	68107	Aluminum	1	5160	5160
2124	68107	Aluminum	1	13200	13200

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2167	68107	Aluminum	1	11700	11700
2206	68107	Aluminum	1	11600	11600
2252	68107	Aluminum	1	13400	13400
2273	68107	Aluminum	1	13100	13100
2292	68107	Aluminum	1	8080	8080
3003	68107	Aluminum	1	10300	10300
3021	68107	Aluminum	1	16900	16900
3074	68107	Aluminum	1	8400	8400
3121	68107	Aluminum	1	6910	6910
5066	68107	Aluminum	1	8520	8520
5076	68107	Aluminum	1	15600	15600
5130	68107	Aluminum	1	14700	14700
5157	68107	Aluminum	1	11500	11500
5159	68107	Aluminum	1	13900	13900
5161	68107	Aluminum	1	11200	11200
5163	68107	Aluminum	1	13500	13500
5165	68107	Aluminum	1	10700	10700
5166	68107	Aluminum	1	12900	12900
5172	68107	Aluminum	1	6880	6880
5176	68107	Aluminum	1	16700	16700
5178	68107	Aluminum	1	9750	9750
5180	68107	Aluminum	1	9530	9530
5182	68107	Aluminum	1	6650	6650
5183	68107	Aluminum	1	9300	9300
5185	68107	Aluminum	1	12700	12700
5211	68107	Aluminum	1	10700	10700
5212	68107	Aluminum	1	10700	10700
2170	68108	Aluminum	1	11400	11400
5225	68108	Aluminum	1	12700	12700
5227	68108	Aluminum	1	9040	9040
5229	68108	Aluminum	1	10000	10000
5284	68108	Aluminum	1	8720	8720
5300	68108	Aluminum	1	12300	12300
5304	68108	Aluminum	1	11200	11200
5306	68108	Aluminum	1	6940	6940
5332	68108	Aluminum	1	6470	6470
5387	68108	Aluminum	1	8030	8030
5390	68108	Aluminum	1	7880	7880
5394	68108	Aluminum	1	7890	7890
5395	68108	Aluminum	1	8550	8550
5398	68108	Aluminum	1	8440	8440
5403	68108	Aluminum	1	6240	6240
5407	68108	Aluminum	1	7030	7030
5408	68108	Aluminum	1	8820	8820
5409	68108	Aluminum	1	3710	3710
5416	68108	Aluminum	1	8060	8060
5418	68108	Aluminum	1	7950	7950

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5422	68108	Aluminum	1	7610	7610
5425	68108	Aluminum	1	7590	7590
5426	68108	Aluminum	1	7070	7070
5427	68108	Aluminum	1	10400	10400
5429	68108	Aluminum	1	7290	7290
5431	68108	Aluminum	1	9470	9470
5432	68108	Aluminum	1	7200	7200
5449	68108	Aluminum	1	8580	8580
5450	68108	Aluminum	1	7060	7060
5454	68108	Aluminum	1	6250	6250
5460	68108	Aluminum	1	7230	7230
5463	68108	Aluminum	1	7250	7250
5467	68108	Aluminum	1	9430	9430
5472	68108	Aluminum	1	7730	7730
5473	68108	Aluminum	1	6370	6370
5474	68108	Aluminum	1	9130	9130
5480	68108	Aluminum	1	6910	6910
5483	68108	Aluminum	1	8640	8640
5485	68108	Aluminum	1	5710	5710
5492	68108	Aluminum	1	7720	7720
5505	68108	Aluminum	1	8310	8310
5572	68108	Aluminum	1	8410	8410
5607	68108	Aluminum	1	7760	7760
5608	68108	Aluminum	1	9210	9210
5623	68108	Aluminum	1	8700	8700
5628	68108	Aluminum	1	7920	7920
5630	68108	Aluminum	1	8460	8460
5636	68108	Aluminum	1	8530	8530
5637	68108	Aluminum	1	6300	6300
5652	68108	Aluminum	1	6770	6770
2069	68110	Aluminum	1	12100	12100
2280	68110	Aluminum	1	7340	7340
2354	68110	Aluminum	1	8720	8720
3136	68110	Aluminum	1	8290	8290
5258	68110	Aluminum	1	12400	12400
5388	68110	Aluminum	1	9780	9780
5520	68110	Aluminum	1	10600	10600
5525	68110	Aluminum	1	9590	9590
5527	68110	Aluminum	1	9390	9390
5530	68110	Aluminum	1	11000	11000
5532	68110	Aluminum	1	10100	10100
5536	68110	Aluminum	1	12300	12300
5541	68110	Aluminum	1	11700	11700
5544	68110	Aluminum	1	9710	9710
5546	68110	Aluminum	1	9230	9230
5551	68110	Aluminum	1	11000	11000
5559	68110	Aluminum	1	10200	10200

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5560	68110	Aluminum	1	9470	9470
5561	68110	Aluminum	1	9060	9060
5563	68110	Aluminum	1	9160	9160
5565	68110	Aluminum	1	9150	9150
5566	68110	Aluminum	1	6890	6890
5612	68110	Aluminum	1	8460	8460
5614	68110	Aluminum	1	9150	9150
5641	68110	Aluminum	1	9180	9180
5651	68110	Aluminum	1	8750	8750
2035	68111	Aluminum	1	12900	12900
2075	68111	Aluminum	1	12100	12100
2103	68111	Aluminum	1	10900	10900
2109	68111	Aluminum	1	16800	16800
2121	68111	Aluminum	1	10500	10500
2126	68111	Aluminum	1	16000	16000
2154	68111	Aluminum	1	18400	18400
2179	68111	Aluminum	1	7200	7200
2216	68111	Aluminum	1	14500	14500
2225	68111	Aluminum	1	8500	8500
2231	68111	Aluminum	1	3890	3890
2262	68111	Aluminum	1	10800	10800
2365	68111	Aluminum	1	7910	7910
3046	68111	Aluminum	1	6950	6950
3051	68111	Aluminum	1	8090	8090
3058	68111	Aluminum	1	7720	7720
3091	68111	Aluminum	1	6600	6600
3133	68111	Aluminum	1	7820	7820
3151	68111	Aluminum	1	6600	6600
5013	68111	Aluminum	1	13500	13500
5085	68111	Aluminum	1	13300	13300
5170	68111	Aluminum	1	10300	10300
5171	68111	Aluminum	1	12100	12100
5204	68111	Aluminum	1	11700	11700
5206	68111	Aluminum	1	12300	12300
5208	68111	Aluminum	1	10400	10400
5215	68111	Aluminum	1	10700	10700
5221	68111	Aluminum	1	10700	10700
5230	68111	Aluminum	1	12500	12500
5232	68111	Aluminum	1	13600	13600
5234	68111	Aluminum	1	10700	10700
5236	68111	Aluminum	1	10800	10800
5238	68111	Aluminum	1	8960	8960
5240	68111	Aluminum	1	9750	9750
5242	68111	Aluminum	1	11000	11000
5246	68111	Aluminum	1	12600	12600
5288	68111	Aluminum	1	13900	13900
5296	68111	Aluminum	1	10600	10600

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5330	68111	Aluminum	1	8830	8830
5333	68111	Aluminum	1	6040	6040
5513	68111	Aluminum	1	11800	11800
5514	68111	Aluminum	1	8980	8980
5618	68111	Aluminum	1	9960	9960
2269	68112	Aluminum	1	13900	13900
2097	68131	Aluminum	1	8410	8410
2156	68131	Aluminum	1	10200	10200
5037	68131	Aluminum	1	10300	10300
5150	68131	Aluminum	1	10800	10800
5153	68131	Aluminum	1	8330	8330
5186	68131	Aluminum	1	9970	9970
5188	68131	Aluminum	1	10500	10500
5195	68131	Aluminum	1	8740	8740
5197	68131	Aluminum	1	10500	10500
5260	68131	Aluminum	1	10200	10200
5272	68131	Aluminum	1	10100	10100
5278	68131	Aluminum	1	9270	9270
5298	68131	Aluminum	1	14800	14800
5377	68131	Aluminum	1	7170	7170
5379	68131	Aluminum	1	7420	7420
5380	68131	Aluminum	1	8550	8550
5139	68132	Aluminum	1	12600	12600
5140	68132	Aluminum	1	7540	7540
5313	68132	Aluminum	1	11900	11900
5317	68132	Aluminum	1	8180	8180
22493	68102	Antimony	1	3.615	3.615
25567	68102	Antimony	1	5.6	5.6
25717	68102	Antimony	1	3.27	3.27
25720	68102	Antimony	1	5.05	5.05
25914	68102	Antimony	1	3.185	3.185
90101	68102	Antimony	1	1	1
2133	68104	Antimony	1	1	1
5026	68104	Antimony	1	1	1
5143	68104	Antimony	1	8.94	8.94
5144	68104	Antimony	1	1	1
5145	68104	Antimony	1	1	1
5147	68104	Antimony	1	1	1
50647	68104	Antimony	1	3.38	3.38
2229	68105	Antimony	1	1	1
2299	68105	Antimony	1	0.452	0.452
2300	68105	Antimony	1	0.427	0.427
2308	68105	Antimony	1	0.929	0.929
2441	68105	Antimony	1	2.39	2.39
2448	68105	Antimony	1	3.32	3.32
2465	68105	Antimony	1	3.49	3.49
3076	68105	Antimony	1	0.4525	0.4525

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
3118	68105	Antimony	1	0.461	0.461
5054	68105	Antimony	1	1	1
5057	68105	Antimony	1	1	1
5105	68105	Antimony	1	1	1
5109	68105	Antimony	1	1	1
5110	68105	Antimony	1	1	1
5112	68105	Antimony	1	1	1
5117	68105	Antimony	1	1	1
5123	68105	Antimony	1	1	1
5128	68105	Antimony	1	1	1
5129	68105	Antimony	1	1	1
5132	68105	Antimony	1	1	1
5134	68105	Antimony	1	1	1
5325	68105	Antimony	1	3.71	3.71
5338	68105	Antimony	1	1.26	1.26
5347	68105	Antimony	1	1.06	1.06
5351	68105	Antimony	1	1.44	1.44
5352	68105	Antimony	1	3.18	3.18
5355	68105	Antimony	1	7.07	7.07
5356	68105	Antimony	1	0.985	0.985
5357	68105	Antimony	1	1.78	1.78
5359	68105	Antimony	1	1.02	1.02
5361	68105	Antimony	1	0.605	0.605
5363	68105	Antimony	1	0.79	0.79
5364	68105	Antimony	1	2.205	2.205
5365	68105	Antimony	1	1.3	1.3
5367	68105	Antimony	1	0.855	0.855
5486	68105	Antimony	1	1.125	1.125
5488	68105	Antimony	1	1.74	1.74
5489	68105	Antimony	1	3.87	3.87
5495	68105	Antimony	1	0.605	0.605
5509	68105	Antimony	1	2.01	2.01
5610	68105	Antimony	1	3.86	3.86
12784	68105	Antimony	1	1	1
12864	68105	Antimony	1	3.68	3.68
12875	68105	Antimony	1	3.09	3.09
12886	68105	Antimony	1	3.125	3.125
12964	68105	Antimony	1	1	1
12995	68105	Antimony	1	3.41	3.41
13069	68105	Antimony	1	1	1
13073	68105	Antimony	1	3.495	3.495
13092	68105	Antimony	1	3.415	3.415
13166	68105	Antimony	1	1	1
13185	68105	Antimony	1	3.355	3.355
13187	68105	Antimony	1	1.05	1.05
13191	68105	Antimony	1	1	1
13204	68105	Antimony	1	2.55	2.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13209	68105	Antimony	1	1	1
13237	68105	Antimony	1	3.37	3.37
13240	68105	Antimony	1	6.44	6.44
13245	68105	Antimony	1	1	1
13248	68105	Antimony	1	3.305	3.305
13273	68105	Antimony	1	3.275	3.275
13283	68105	Antimony	1	3.025	3.025
13322	68105	Antimony	1	2.7325	2.7325
13370	68105	Antimony	1	3.94	3.94
13381	68105	Antimony	1	1.05	1.05
13389	68105	Antimony	1	1	1
13403	68105	Antimony	1	1	1
13437	68105	Antimony	1	1.05	1.05
13438	68105	Antimony	1	3.08	3.08
13460	68105	Antimony	1	8.74	8.74
13476	68105	Antimony	1	3.27	3.27
13573	68105	Antimony	1	1	1
13577	68105	Antimony	1	3.71	3.71
13611	68105	Antimony	1	2.48	2.48
13690	68105	Antimony	1	6.79	6.79
13731	68105	Antimony	1	1	1
13735	68105	Antimony	1	1	1
13741	68105	Antimony	1	1	1
13745	68105	Antimony	1	1	1
13790	68105	Antimony	1	3.3	3.3
13791	68105	Antimony	1	1	1
13793	68105	Antimony	1	2.12	2.12
13851	68105	Antimony	1	3.395	3.395
13863	68105	Antimony	1	1	1
13869	68105	Antimony	1	3.365	3.365
13871	68105	Antimony	1	1	1
13880	68105	Antimony	1	3.335	3.335
13918	68105	Antimony	1	2.28	2.28
13935	68105	Antimony	1	1	1
13984	68105	Antimony	1	1.155	1.155
14003	68105	Antimony	1	1	1
14024	68105	Antimony	1	1	1
14050	68105	Antimony	1	2.37	2.37
14063	68105	Antimony	1	11.6	11.6
14080	68105	Antimony	1	3.605	3.605
14098	68105	Antimony	1	1	1
14199	68105	Antimony	1	4.08	4.08
14238	68105	Antimony	1	1	1
14322	68105	Antimony	1	1	1
14326	68105	Antimony	1	1	1
14410	68105	Antimony	1	1	1
14460	68105	Antimony	1	3.37	3.37

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14528	68105	Antimony	1	2.45	2.45
14536	68105	Antimony	1	3.54	3.54
14544	68105	Antimony	1	1.05	1.05
14556	68105	Antimony	1	1	1
14557	68105	Antimony	1	3.01	3.01
14577	68105	Antimony	1	1.1	1.1
14602	68105	Antimony	1	1	1
14647	68105	Antimony	1	3.56	3.56
14656	68105	Antimony	1	1.1	1.1
14688	68105	Antimony	1	1	1
14718	68105	Antimony	1	1	1
14739	68105	Antimony	1	3.29	3.29
14752	68105	Antimony	1	1	1
14780	68105	Antimony	1	1	1
14817	68105	Antimony	1	3.47	3.47
14823	68105	Antimony	1	1	1
14860	68105	Antimony	1	1	1
14885	68105	Antimony	1	2.29	2.29
14913	68105	Antimony	1	5.83	5.83
14959	68105	Antimony	1	6.18	6.18
14976	68105	Antimony	1	1.05	1.05
14992	68105	Antimony	1	1	1
15003	68105	Antimony	1	3.495	3.495
15044	68105	Antimony	1	1	1
15045	68105	Antimony	1	1	1
15058	68105	Antimony	1	2.8	2.8
15060	68105	Antimony	1	4.97	4.97
15091	68105	Antimony	1	0.95	0.95
15106	68105	Antimony	1	1	1
15166	68105	Antimony	1	4.19	4.19
15227	68105	Antimony	1	3.27	3.27
15231	68105	Antimony	1	3.16	3.16
15255	68105	Antimony	1	1	1
15279	68105	Antimony	1	3.725	3.725
15292	68105	Antimony	1	3.52	3.52
15299	68105	Antimony	1	3.14	3.14
15308	68105	Antimony	1	1	1
15317	68105	Antimony	1	3.385	3.385
15336	68105	Antimony	1	2.92	2.92
15348	68105	Antimony	1	5.72	5.72
15363	68105	Antimony	1	1	1
15372	68105	Antimony	1	1	1
15416	68105	Antimony	2	2.8775	3.355
15496	68105	Antimony	1	1	1
15519	68105	Antimony	1	1	1
15526	68105	Antimony	1	1	1
15577	68105	Antimony	1	2.37	2.37

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15587	68105	Antimony	1	3.285	3.285
15611	68105	Antimony	1	1.15	1.15
15651	68105	Antimony	1	1	1
15686	68105	Antimony	1	4.1	4.1
15695	68105	Antimony	1	1	1
15728	68105	Antimony	1	2.1	2.1
15801	68105	Antimony	1	1	1
15835	68105	Antimony	1	3.255	3.255
15842	68105	Antimony	1	1	1
15871	68105	Antimony	1	3.43	3.43
15891	68105	Antimony	1	3.4	3.4
15918	68105	Antimony	1	3.48	3.48
15959	68105	Antimony	1	1	1
15985	68105	Antimony	1	1.1	1.1
15988	68105	Antimony	1	3.82	3.82
16027	68105	Antimony	1	5.67	5.67
16072	68105	Antimony	1	1.05	1.05
16094	68105	Antimony	1	4.5	4.5
16098	68105	Antimony	1	14.2	14.2
16123	68105	Antimony	1	1	1
16155	68105	Antimony	1	2.9	2.9
16169	68105	Antimony	1	2.5	2.5
16182	68105	Antimony	1	1	1
16186	68105	Antimony	1	3.475	3.475
16230	68105	Antimony	1	3.4	3.4
16236	68105	Antimony	1	6.41	6.41
16243	68105	Antimony	1	1	1
16271	68105	Antimony	1	2.8	2.8
16308	68105	Antimony	1	5.1	5.1
16309	68105	Antimony	1	8.87	8.87
16333	68105	Antimony	1	3.25	3.25
16364	68105	Antimony	1	3.08	3.08
16365	68105	Antimony	1	2.49	2.49
16384	68105	Antimony	1	1	1
16395	68105	Antimony	1	2.51	2.51
16472	68105	Antimony	1	3.88	3.88
16473	68105	Antimony	1	3.225	3.225
16486	68105	Antimony	1	1	1
16499	68105	Antimony	1	6.41	6.41
16545	68105	Antimony	1	1	1
16572	68105	Antimony	1	3.22	3.22
16589	68105	Antimony	1	2.3	2.3
16618	68105	Antimony	1	1	1
16646	68105	Antimony	1	1	1
16668	68105	Antimony	1	3.12	3.12
16749	68105	Antimony	1	1	1
16772	68105	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16777	68105	Antimony	1	3.245	3.245
16793	68105	Antimony	1	1.05	1.05
16851	68105	Antimony	1	7.85	7.85
16866	68105	Antimony	1	1	1
16869	68105	Antimony	1	1	1
16889	68105	Antimony	1	5.34	5.34
16893	68105	Antimony	1	5.48	5.48
16922	68105	Antimony	1	1	1
16928	68105	Antimony	1	1	1
16946	68105	Antimony	1	4.08	4.08
16963	68105	Antimony	1	1	1
16974	68105	Antimony	1	2.46	2.46
17040	68105	Antimony	1	1	1
17055	68105	Antimony	1	3.455	3.455
17065	68105	Antimony	1	3.585	3.585
17076	68105	Antimony	1	2.52	2.52
17097	68105	Antimony	1	1	1
17108	68105	Antimony	1	4	4
17142	68105	Antimony	1	4.65	4.65
17179	68105	Antimony	1	4.01	4.01
17198	68105	Antimony	1	3.185	3.185
17199	68105	Antimony	1	1	1
17270	68105	Antimony	1	1	1
17298	68105	Antimony	1	1	1
17300	68105	Antimony	1	1	1
17348	68105	Antimony	1	9.85	9.85
17374	68105	Antimony	1	1.2	1.2
17379	68105	Antimony	1	3.645	3.645
17542	68105	Antimony	1	1	1
17719	68105	Antimony	1	4.065	4.065
17725	68105	Antimony	1	1	1
17745	68105	Antimony	1	3.45	3.45
17753	68105	Antimony	1	5.44	5.44
17802	68105	Antimony	1	3.11	3.11
17876	68105	Antimony	1	1	1
17918	68105	Antimony	1	2.3	2.3
17934	68105	Antimony	1	3.51	3.51
17935	68105	Antimony	1	3.105	3.105
18133	68105	Antimony	1	1	1
18147	68105	Antimony	1	2.71	2.71
18187	68105	Antimony	1	1	1
18189	68105	Antimony	1	1	1
18281	68105	Antimony	1	3.43	3.43
18321	68105	Antimony	1	3.38	3.38
18349	68105	Antimony	1	2.81	2.81
18452	68105	Antimony	1	1	1
18453	68105	Antimony	1	10.6	10.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18469	68105	Antimony	1	3.66	3.66
18499	68105	Antimony	1	3.43	3.43
18561	68105	Antimony	1	1	1
18573	68105	Antimony	1	1	1
18598	68105	Antimony	1	5.85	5.85
18610	68105	Antimony	1	1	1
18654	68105	Antimony	1	7.38	7.38
18661	68105	Antimony	1	3.03	3.03
18673	68105	Antimony	1	3.515	3.515
18676	68105	Antimony	1	1	1
18693	68105	Antimony	1	2.7	2.7
18757	68105	Antimony	1	1	1
18787	68105	Antimony	1	1	1
18797	68105	Antimony	1	3.04	3.04
18825	68105	Antimony	1	2.74	2.74
18839	68105	Antimony	1	3.075	3.075
18882	68105	Antimony	1	1	1
18898	68105	Antimony	1	3.2	3.2
18927	68105	Antimony	1	3.13	3.13
18934	68105	Antimony	1	3.525	3.525
19015	68105	Antimony	1	1	1
19127	68105	Antimony	1	3.175	3.175
19129	68105	Antimony	1	4.74	4.74
19169	68105	Antimony	1	1	1
19288	68105	Antimony	1	3.9	3.9
19310	68105	Antimony	1	1	1
19334	68105	Antimony	1	2.99	2.99
19344	68105	Antimony	1	1	1
19448	68105	Antimony	1	1	1
19485	68105	Antimony	1	3.16	3.16
19489	68105	Antimony	1	2.9	2.9
19561	68105	Antimony	1	4.08	4.08
19602	68105	Antimony	1	1	1
19612	68105	Antimony	1	1	1
19655	68105	Antimony	1	4.4	4.4
19671	68105	Antimony	1	3.22	3.22
19676	68105	Antimony	1	3.5	3.5
19728	68105	Antimony	1	3.14	3.14
19729	68105	Antimony	1	3.01	3.01
19768	68105	Antimony	1	1	1
19787	68105	Antimony	1	3.32	3.32
19791	68105	Antimony	1	3.39	3.39
19812	68105	Antimony	1	3.67	3.67
19831	68105	Antimony	1	1	1
19839	68105	Antimony	1	1	1
19858	68105	Antimony	1	3.12	3.12
19864	68105	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19915	68105	Antimony	1	3.54	3.54
19923	68105	Antimony	1	4.69	4.69
19932	68105	Antimony	1	3.09	3.09
19938	68105	Antimony	1	1	1
19972	68105	Antimony	1	3.53	3.53
19976	68105	Antimony	1	1	1
19987	68105	Antimony	1	5.81	5.81
20069	68105	Antimony	1	1	1
20080	68105	Antimony	1	1	1
20105	68105	Antimony	1	2.69	2.69
20110	68105	Antimony	1	1	1
20128	68105	Antimony	1	1	1
20170	68105	Antimony	1	1	1
20218	68105	Antimony	1	3.315	3.315
20236	68105	Antimony	1	1	1
20313	68105	Antimony	1	1	1
20315	68105	Antimony	1	1	1
20342	68105	Antimony	1	5.59	5.59
20420	68105	Antimony	1	1.1	1.1
20426	68105	Antimony	1	3.065	3.065
20452	68105	Antimony	1	4.12	4.12
20470	68105	Antimony	1	3.67	3.67
20477	68105	Antimony	1	3.15	3.15
20506	68105	Antimony	1	1	1
20510	68105	Antimony	1	2.72	2.72
20535	68105	Antimony	1	1	1
20545	68105	Antimony	1	6.85	6.85
20557	68105	Antimony	1	3.06	3.06
20584	68105	Antimony	1	3.605	3.605
20590	68105	Antimony	1	3.27	3.27
20603	68105	Antimony	1	3.105	3.105
20610	68105	Antimony	1	3.235	3.235
20612	68105	Antimony	1	3.93	3.93
20656	68105	Antimony	1	1	1
20674	68105	Antimony	1	1	1
20685	68105	Antimony	1	1	1
20702	68105	Antimony	1	1	1
20759	68105	Antimony	1	3.8	3.8
20777	68105	Antimony	1	3.555	3.555
20823	68105	Antimony	1	1	1
20845	68105	Antimony	1	0.95	0.95
20856	68105	Antimony	1	3.2	3.2
20883	68105	Antimony	1	2.72	2.72
20908	68105	Antimony	1	3.2	3.2
20925	68105	Antimony	1	13.8	13.8
20945	68105	Antimony	1	1	1
20961	68105	Antimony	1	3.615	3.615

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20964	68105	Antimony	1	1	1
21005	68105	Antimony	1	3.245	3.245
21012	68105	Antimony	1	4.1	4.1
21019	68105	Antimony	1	3.15	3.15
21053	68105	Antimony	1	3.55	3.55
21064	68105	Antimony	1	1	1
21068	68105	Antimony	1	3.51	3.51
21079	68105	Antimony	1	3.7	3.7
21097	68105	Antimony	1	3.77	3.77
21110	68105	Antimony	1	3.595	3.595
21136	68105	Antimony	1	5.87	5.87
21143	68105	Antimony	1	1	1
21148	68105	Antimony	1	16.2	16.2
21150	68105	Antimony	1	1	1
21265	68105	Antimony	1	3.16	3.16
21268	68105	Antimony	1	1	1
21309	68105	Antimony	1	3.32	3.32
21336	68105	Antimony	1	3.28	3.28
21390	68105	Antimony	1	6.01	6.01
21394	68105	Antimony	1	3.72	3.72
21436	68105	Antimony	1	9.94	9.94
21454	68105	Antimony	1	1	1
21490	68105	Antimony	1	3.19	3.19
21498	68105	Antimony	1	3.59	3.59
21513	68105	Antimony	1	2.47	2.47
21535	68105	Antimony	1	3.4	3.4
21551	68105	Antimony	1	1	1
21560	68105	Antimony	1	3.545	3.545
21565	68105	Antimony	1	2.6	2.6
21578	68105	Antimony	1	4.82	4.82
21609	68105	Antimony	1	1	1
21614	68105	Antimony	1	3.615	3.615
21625	68105	Antimony	1	6.49	6.49
21653	68105	Antimony	1	3.055	3.055
21677	68105	Antimony	1	1	1
21689	68105	Antimony	1	2.6	2.6
21705	68105	Antimony	1	3.14	3.14
21714	68105	Antimony	1	3.295	3.295
21720	68105	Antimony	1	3.415	3.415
21724	68105	Antimony	1	3.075	3.075
21730	68105	Antimony	1	3.4	3.4
21744	68105	Antimony	1	4.6	4.6
21811	68105	Antimony	1	1	1
21815	68105	Antimony	1	2.7	2.7
21822	68105	Antimony	1	3	3
21836	68105	Antimony	1	1	1
21884	68105	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21901	68105	Antimony	1	3.25	3.25
21916	68105	Antimony	1	3.755	3.755
21925	68105	Antimony	1	3.135	3.135
21941	68105	Antimony	1	3.275	3.275
21956	68105	Antimony	1	3.48	3.48
21981	68105	Antimony	1	1.05	1.05
21985	68105	Antimony	1	1	1
21989	68105	Antimony	1	3.595	3.595
22013	68105	Antimony	1	1	1
22024	68105	Antimony	1	3.425	3.425
22025	68105	Antimony	1	1.15	1.15
22027	68105	Antimony	1	1	1
22034	68105	Antimony	1	1.1	1.1
22036	68105	Antimony	1	1	1
22039	68105	Antimony	1	1	1
22044	68105	Antimony	1	1	1
22046	68105	Antimony	1	3.445	3.445
22056	68105	Antimony	1	2.22	2.22
22061	68105	Antimony	1	1	1
22074	68105	Antimony	1	1	1
22079	68105	Antimony	1	1	1
22080	68105	Antimony	1	1	1
22177	68105	Antimony	1	2.11	2.11
22181	68105	Antimony	1	3.315	3.315
22230	68105	Antimony	1	1	1
22273	68105	Antimony	1	3.34	3.34
22295	68105	Antimony	1	1	1
22320	68105	Antimony	1	3.145	3.145
22344	68105	Antimony	1	1	1
22358	68105	Antimony	1	1	1
22386	68105	Antimony	1	1	1
22399	68105	Antimony	1	1	1
22453	68105	Antimony	1	3.11	3.11
22563	68105	Antimony	1	3.63	3.63
22574	68105	Antimony	1	1	1
22636	68105	Antimony	1	1	1
22715	68105	Antimony	1	3.3	3.3
22716	68105	Antimony	1	5	5
22754	68105	Antimony	1	2.6	2.6
22772	68105	Antimony	1	3.935	3.935
22832	68105	Antimony	1	3.19	3.19
49272	68105	Antimony	1	3.1	3.1
49289	68105	Antimony	1	1	1
50528	68105	Antimony	1	3.165	3.165
50574	68105	Antimony	1	1.74	1.74
90427	68105	Antimony	1	1.2	1.2
93120	68105	Antimony	1	3.5	3.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
93354	68105	Antimony	1	1.05	1.05
93358	68105	Antimony	1	3.4	3.4
93364	68105	Antimony	1	2.4	2.4
93381	68105	Antimony	1	1	1
51011	68106	Antimony	1	1.05	1.05
51029	68106	Antimony	1	3.105	3.105
51034	68106	Antimony	1	3.625	3.625
51037	68106	Antimony	1	3.47	3.47
51041	68106	Antimony	1	1	1
51046	68106	Antimony	1	3.505	3.505
51047	68106	Antimony	1	1	1
51052	68106	Antimony	1	1	1
51058	68106	Antimony	1	1	1
51064	68106	Antimony	1	1	1
51065	68106	Antimony	1	1	1
51079	68106	Antimony	1	3.4	3.4
51080	68106	Antimony	1	4.5	4.5
51082	68106	Antimony	1	1	1
51089	68106	Antimony	1	1.2	1.2
51093	68106	Antimony	1	3.465	3.465
51101	68106	Antimony	1	3.59	3.59
51102	68106	Antimony	1	3.415	3.415
51113	68106	Antimony	1	1	1
51116	68106	Antimony	1	1	1
51118	68106	Antimony	1	3.9	3.9
51120	68106	Antimony	1	1	1
51123	68106	Antimony	1	3.41	3.41
51126	68106	Antimony	1	1.05	1.05
51127	68106	Antimony	1	3.52	3.52
51132	68106	Antimony	1	3.59	3.59
51133	68106	Antimony	1	3.1	3.1
51143	68106	Antimony	1	3.585	3.585
51155	68106	Antimony	1	3.505	3.505
51158	68106	Antimony	1	1	1
51162	68106	Antimony	1	3.66	3.66
51184	68106	Antimony	1	3.28	3.28
2030	68107	Antimony	1	1	1
2038	68107	Antimony	1	1	1
2056	68107	Antimony	1	3.2	3.2
2104	68107	Antimony	1	1	1
2124	68107	Antimony	1	1	1
2167	68107	Antimony	1	1	1
2206	68107	Antimony	1	1	1
2220	68107	Antimony	1	1.05	1.05
2252	68107	Antimony	1	1	1
2273	68107	Antimony	1	1	1
2292	68107	Antimony	1	0.4505	0.4505

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2496	68107	Antimony	1	3.32	3.32
3003	68107	Antimony	1	1	1
3021	68107	Antimony	1	1	1
3074	68107	Antimony	1	0.475	0.475
3121	68107	Antimony	1	0.4205	0.4205
5066	68107	Antimony	1	1	1
5076	68107	Antimony	1	1	1
5130	68107	Antimony	1	1	1
5157	68107	Antimony	1	1	1
5159	68107	Antimony	1	3.56	3.56
5161	68107	Antimony	1	1	1
5163	68107	Antimony	1	1	1
5165	68107	Antimony	1	1	1
5166	68107	Antimony	1	2.78	2.78
5172	68107	Antimony	1	1	1
5176	68107	Antimony	1	1	1
5178	68107	Antimony	1	1	1
5180	68107	Antimony	1	1	1
5182	68107	Antimony	1	1	1
5183	68107	Antimony	1	1	1
5185	68107	Antimony	1	1	1
5211	68107	Antimony	1	1	1
5212	68107	Antimony	1	1	1
10008	68107	Antimony	1	1	1
10018	68107	Antimony	1	1	1
10044	68107	Antimony	1	3.38	3.38
10046	68107	Antimony	1	1.2	1.2
10072	68107	Antimony	1	1	1
10073	68107	Antimony	1	1	1
10088	68107	Antimony	1	1	1
10095	68107	Antimony	1	1	1
10111	68107	Antimony	1	3.595	3.595
10130	68107	Antimony	1	1	1
10134	68107	Antimony	1	2.76	2.76
10214	68107	Antimony	1	3.255	3.255
10241	68107	Antimony	1	1	1
10290	68107	Antimony	1	3.52	3.52
10295	68107	Antimony	1	3.26	3.26
10299	68107	Antimony	1	1	1
10310	68107	Antimony	1	1	1
10328	68107	Antimony	1	1	1
10329	68107	Antimony	1	1	1
10387	68107	Antimony	1	1	1
10401	68107	Antimony	2	1	1
10403	68107	Antimony	1	3.52	3.52
10425	68107	Antimony	1	3.54	3.54
10432	68107	Antimony	1	21	21

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10455	68107	Antimony	1	4.7	4.7
10458	68107	Antimony	1	1	1
10468	68107	Antimony	1	1	1
10471	68107	Antimony	1	3.11	3.11
10484	68107	Antimony	1	1	1
10492	68107	Antimony	1	1	1
10500	68107	Antimony	1	3.21	3.21
10508	68107	Antimony	1	3.11	3.11
10513	68107	Antimony	1	1	1
10538	68107	Antimony	1	1	1
10543	68107	Antimony	1	1	1
10548	68107	Antimony	1	1	1
10578	68107	Antimony	1	3.435	3.435
10582	68107	Antimony	1	1	1
10622	68107	Antimony	1	1	1
10633	68107	Antimony	1	1	1
10650	68107	Antimony	1	3.48	3.48
10654	68107	Antimony	1	1	1
10662	68107	Antimony	1	3.05	3.05
10670	68107	Antimony	1	1	1
10687	68107	Antimony	1	2.2	2.2
10707	68107	Antimony	1	1	1
10720	68107	Antimony	1	1	1
10735	68107	Antimony	1	1.05	1.05
10738	68107	Antimony	1	1	1
10814	68107	Antimony	1	1	1
10822	68107	Antimony	1	2.35	2.35
10831	68107	Antimony	1	1	1
10834	68107	Antimony	1	1	1
10842	68107	Antimony	1	8.56	8.56
10848	68107	Antimony	1	3.15	3.15
10858	68107	Antimony	1	1	1
10860	68107	Antimony	1	3.48	3.48
10870	68107	Antimony	1	1	1
10876	68107	Antimony	1	4.1	4.1
10877	68107	Antimony	1	3.63	3.63
10880	68107	Antimony	1	3.1	3.1
10895	68107	Antimony	1	7.74	7.74
10909	68107	Antimony	1	3.23	3.23
10914	68107	Antimony	1	3.185	3.185
10920	68107	Antimony	1	3.51	3.51
10925	68107	Antimony	1	3.66	3.66
10931	68107	Antimony	1	3.07	3.07
10944	68107	Antimony	1	3.125	3.125
10947	68107	Antimony	1	1	1
10950	68107	Antimony	1	1	1
10965	68107	Antimony	1	3.4	3.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10970	68107	Antimony	1	1	1
10990	68107	Antimony	1	1	1
11036	68107	Antimony	1	3.27	3.27
11069	68107	Antimony	1	1	1
11070	68107	Antimony	1	1	1
11082	68107	Antimony	1	1	1
11094	68107	Antimony	1	1	1
11107	68107	Antimony	1	1	1
11118	68107	Antimony	1	1	1
11142	68107	Antimony	1	1	1
11155	68107	Antimony	1	2.8	2.8
11172	68107	Antimony	1	1	1
11179	68107	Antimony	1	4.34	4.34
11191	68107	Antimony	1	3.435	3.435
11194	68107	Antimony	1	1	1
11203	68107	Antimony	1	1.1	1.1
11208	68107	Antimony	1	1	1
11222	68107	Antimony	1	1	1
11230	68107	Antimony	1	3.635	3.635
11232	68107	Antimony	1	1	1
11233	68107	Antimony	1	1	1
11246	68107	Antimony	1	1	1
11258	68107	Antimony	1	3.755	3.755
11268	68107	Antimony	1	1	1
11283	68107	Antimony	1	3.395	3.395
11303	68107	Antimony	1	3.76	3.76
11309	68107	Antimony	1	1	1
11312	68107	Antimony	1	1	1
11321	68107	Antimony	1	3.185	3.185
11343	68107	Antimony	1	1	1
11349	68107	Antimony	1	3.125	3.125
11367	68107	Antimony	1	3.605	3.605
11372	68107	Antimony	1	4.41	4.41
11385	68107	Antimony	1	2.8	2.8
11387	68107	Antimony	1	1	1
11400	68107	Antimony	1	6.75	6.75
11403	68107	Antimony	1	3.105	3.105
11408	68107	Antimony	1	1.15	1.15
11410	68107	Antimony	1	1	1
11416	68107	Antimony	1	2.04	2.04
11423	68107	Antimony	1	1	1
11439	68107	Antimony	1	3.54	3.54
11444	68107	Antimony	1	3.18	3.18
11449	68107	Antimony	1	1	1
11465	68107	Antimony	1	9.09	9.09
11494	68107	Antimony	1	1	1
11523	68107	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11558	68107	Antimony	1	1	1
11568	68107	Antimony	1	0.95	0.95
11599	68107	Antimony	1	2.25	2.25
11601	68107	Antimony	1	1.15	1.15
11603	68107	Antimony	1	1.05	1.05
11604	68107	Antimony	1	1	1
11609	68107	Antimony	1	1	1
11614	68107	Antimony	1	1.1	1.1
11661	68107	Antimony	1	1	1
11686	68107	Antimony	1	1	1
11711	68107	Antimony	1	3.26	3.26
11741	68107	Antimony	1	6.05	6.05
11754	68107	Antimony	1	2.65	2.65
11765	68107	Antimony	1	1	1
11777	68107	Antimony	1	3.535	3.535
11829	68107	Antimony	1	2.4	2.4
11842	68107	Antimony	1	3.245	3.245
11865	68107	Antimony	1	1	1
11894	68107	Antimony	1	3.205	3.205
11902	68107	Antimony	1	1.1	1.1
11910	68107	Antimony	1	1	1
11941	68107	Antimony	1	3.86	3.86
11960	68107	Antimony	1	1	1
11982	68107	Antimony	1	1.15	1.15
12002	68107	Antimony	1	5.94	5.94
12009	68107	Antimony	1	1	1
12012	68107	Antimony	1	1	1
12037	68107	Antimony	1	1	1
12047	68107	Antimony	1	3.7	3.7
12086	68107	Antimony	1	0.95	0.95
12114	68107	Antimony	1	1	1
12116	68107	Antimony	1	3.72	3.72
12118	68107	Antimony	1	1	1
12124	68107	Antimony	1	3.51	3.51
12126	68107	Antimony	1	5.28	5.28
12152	68107	Antimony	1	2.06	2.06
12166	68107	Antimony	1	3.69	3.69
12206	68107	Antimony	1	3.285	3.285
12220	68107	Antimony	1	3.26	3.26
12227	68107	Antimony	2	1.78	2.56
12239	68107	Antimony	1	2.54	2.54
12290	68107	Antimony	1	3.015	3.015
12296	68107	Antimony	1	3.53	3.53
12338	68107	Antimony	1	1.05	1.05
12351	68107	Antimony	1	1	1
12372	68107	Antimony	1	1	1
12388	68107	Antimony	1	3.49	3.49

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12407	68107	Antimony	1	1	1
12410	68107	Antimony	1	1	1
12414	68107	Antimony	1	3.82	3.82
12424	68107	Antimony	1	3.8	3.8
12439	68107	Antimony	1	17.9	17.9
12457	68107	Antimony	1	1.25	1.25
12506	68107	Antimony	1	3.1	3.1
12514	68107	Antimony	1	1	1
12529	68107	Antimony	1	4.32	4.32
12530	68107	Antimony	1	1	1
12547	68107	Antimony	1	5.45	5.45
12551	68107	Antimony	1	1	1
12567	68107	Antimony	1	2.4	2.4
12572	68107	Antimony	1	1	1
12588	68107	Antimony	1	1	1
12590	68107	Antimony	1	3.31	3.31
12644	68107	Antimony	1	3.245	3.245
12667	68107	Antimony	1	3.11	3.11
12714	68107	Antimony	1	3.355	3.355
12729	68107	Antimony	1	1	1
12741	68107	Antimony	1	1	1
12761	68107	Antimony	1	3.67	3.67
12794	68107	Antimony	1	1	1
12830	68107	Antimony	1	3.14	3.14
12848	68107	Antimony	1	3.555	3.555
12858	68107	Antimony	1	3.37	3.37
12871	68107	Antimony	1	2.3	2.3
13038	68107	Antimony	1	3.8	3.8
13045	68107	Antimony	1	3.535	3.535
43676	68107	Antimony	1	1	1
43691	68107	Antimony	1	1	1
43703	68107	Antimony	1	1	1
43729	68107	Antimony	1	3.07	3.07
43736	68107	Antimony	1	1	1
43744	68107	Antimony	1	3.46	3.46
43746	68107	Antimony	1	3.4	3.4
43771	68107	Antimony	1	3.665	3.665
43793	68107	Antimony	1	1.25	1.25
43800	68107	Antimony	1	1	1
43813	68107	Antimony	1	3.565	3.565
43843	68107	Antimony	1	2.4	2.4
43869	68107	Antimony	1	1.05	1.05
43892	68107	Antimony	1	4.08	4.08
43912	68107	Antimony	1	3.445	3.445
43949	68107	Antimony	1	1	1
43962	68107	Antimony	1	3.185	3.185
43978	68107	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44002	68107	Antimony	1	2.955	2.955
44025	68107	Antimony	1	2.56	2.56
44066	68107	Antimony	1	1	1
44104	68107	Antimony	1	2.1	2.1
44107	68107	Antimony	1	2.64	2.64
44112	68107	Antimony	1	3.18	3.18
44127	68107	Antimony	1	3.38	3.38
44130	68107	Antimony	1	1.15	1.15
44133	68107	Antimony	1	1.3	1.3
44137	68107	Antimony	1	1	1
44145	68107	Antimony	1	3.24	3.24
44153	68107	Antimony	1	1	1
44157	68107	Antimony	1	3.48	3.48
44177	68107	Antimony	1	3.62	3.62
44184	68107	Antimony	1	0.95	0.95
44185	68107	Antimony	1	2.895	2.895
44198	68107	Antimony	1	1	1
44202	68107	Antimony	1	1.1	1.1
44220	68107	Antimony	1	3.435	3.435
44225	68107	Antimony	1	1.1	1.1
44233	68107	Antimony	1	3.21	3.21
44236	68107	Antimony	1	2.22	2.22
44237	68107	Antimony	1	3.335	3.335
44248	68107	Antimony	1	3.16	3.16
44299	68107	Antimony	1	1	1
44319	68107	Antimony	1	1	1
44348	68107	Antimony	1	3.23	3.23
44416	68107	Antimony	1	1	1
44446	68107	Antimony	1	3.11	3.11
44452	68107	Antimony	1	3.4	3.4
44455	68107	Antimony	1	1	1
44456	68107	Antimony	1	3.3	3.3
44465	68107	Antimony	1	3.575	3.575
44475	68107	Antimony	1	1	1
44482	68107	Antimony	1	1	1
44483	68107	Antimony	1	2.2	2.2
44490	68107	Antimony	1	2.66	2.66
44503	68107	Antimony	1	3.565	3.565
44507	68107	Antimony	1	1.87	1.87
44508	68107	Antimony	1	3.01	3.01
44519	68107	Antimony	1	3.68	3.68
44526	68107	Antimony	1	1.05	1.05
44528	68107	Antimony	1	1	1
44529	68107	Antimony	1	3.29	3.29
44531	68107	Antimony	1	1	1
44536	68107	Antimony	1	2.58	2.58
44539	68107	Antimony	1	2.19	2.19

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44546	68107	Antimony	1	1.05	1.05
44549	68107	Antimony	1	3.375	3.375
44556	68107	Antimony	1	1.05	1.05
44567	68107	Antimony	1	3.15	3.15
44578	68107	Antimony	1	3.26	3.26
44581	68107	Antimony	1	3.4	3.4
44589	68107	Antimony	1	1	1
44592	68107	Antimony	1	3.445	3.445
44597	68107	Antimony	1	1.15	1.15
44617	68107	Antimony	1	1	1
44619	68107	Antimony	1	3.245	3.245
44623	68107	Antimony	1	3.32	3.32
44626	68107	Antimony	1	2.47	2.47
44636	68107	Antimony	1	1.1	1.1
44640	68107	Antimony	1	3.365	3.365
44644	68107	Antimony	1	3.17	3.17
44668	68107	Antimony	1	3.325	3.325
44700	68107	Antimony	1	3.495	3.495
44711	68107	Antimony	1	1	1
44725	68107	Antimony	1	2.2	2.2
44727	68107	Antimony	1	3.64	3.64
44738	68107	Antimony	1	3.685	3.685
44740	68107	Antimony	1	1	1
44741	68107	Antimony	1	1	1
44747	68107	Antimony	1	1	1
44753	68107	Antimony	1	3.415	3.415
44755	68107	Antimony	1	3.52	3.52
44756	68107	Antimony	1	3.65	3.65
44768	68107	Antimony	1	3.255	3.255
44790	68107	Antimony	1	3.305	3.305
44798	68107	Antimony	1	3.15	3.15
44814	68107	Antimony	1	12.9	12.9
44822	68107	Antimony	1	1	1
44854	68107	Antimony	1	3.17	3.17
44857	68107	Antimony	1	3.44	3.44
44869	68107	Antimony	1	3.58	3.58
44877	68107	Antimony	1	3.23	3.23
44902	68107	Antimony	1	3.465	3.465
44923	68107	Antimony	1	3	3
44955	68107	Antimony	1	3.3	3.3
44979	68107	Antimony	1	3.45	3.45
44984	68107	Antimony	1	4.3	4.3
44987	68107	Antimony	1	3.13	3.13
45004	68107	Antimony	1	3.415	3.415
45005	68107	Antimony	1	4.42	4.42
45018	68107	Antimony	1	3.205	3.205
45020	68107	Antimony	1	1.1	1.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45023	68107	Antimony	1	3.67	3.67
45034	68107	Antimony	1	3.625	3.625
45044	68107	Antimony	1	1	1
45056	68107	Antimony	1	1	1
45072	68107	Antimony	1	2.36	2.36
45073	68107	Antimony	1	3.345	3.345
45077	68107	Antimony	1	1.11	1.11
45078	68107	Antimony	1	3.72	3.72
45084	68107	Antimony	1	3.255	3.255
45118	68107	Antimony	1	3.37	3.37
45150	68107	Antimony	1	3.2	3.2
45156	68107	Antimony	1	1	1
45166	68107	Antimony	1	3.33	3.33
45183	68107	Antimony	1	3.6	3.6
45188	68107	Antimony	1	1	1
45195	68107	Antimony	1	3.195	3.195
45199	68107	Antimony	1	1	1
45206	68107	Antimony	1	5.22	5.22
45236	68107	Antimony	1	1	1
45244	68107	Antimony	1	3.305	3.305
45259	68107	Antimony	1	3.285	3.285
45269	68107	Antimony	1	3.7	3.7
45298	68107	Antimony	1	3.76	3.76
45300	68107	Antimony	1	2.77	2.77
45303	68107	Antimony	1	1	1
45304	68107	Antimony	1	2.3	2.3
45305	68107	Antimony	1	3.2	3.2
45321	68107	Antimony	1	1	1
45343	68107	Antimony	1	3.205	3.205
45350	68107	Antimony	1	2.2	2.2
45356	68107	Antimony	1	3.13	3.13
45364	68107	Antimony	1	1	1
45390	68107	Antimony	1	3.13	3.13
45393	68107	Antimony	1	1	1
45404	68107	Antimony	1	1.05	1.05
45411	68107	Antimony	1	1	1
45423	68107	Antimony	1	1	1
45424	68107	Antimony	1	1	1
45447	68107	Antimony	1	3.245	3.245
45458	68107	Antimony	1	1	1
45460	68107	Antimony	1	1	1
45484	68107	Antimony	1	1	1
45487	68107	Antimony	1	1	1
45503	68107	Antimony	1	3.155	3.155
45530	68107	Antimony	1	3.09	3.09
45533	68107	Antimony	1	1.1	1.1
45564	68107	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45566	68107	Antimony	1	1	1
45574	68107	Antimony	1	3.13	3.13
45584	68107	Antimony	1	3.45	3.45
45608	68107	Antimony	1	1	1
45609	68107	Antimony	1	1	1
45624	68107	Antimony	1	1	1
45626	68107	Antimony	1	3.2	3.2
45645	68107	Antimony	1	1	1
45646	68107	Antimony	1	1	1
45648	68107	Antimony	1	1	1
45662	68107	Antimony	1	3.525	3.525
45663	68107	Antimony	1	3.45	3.45
45678	68107	Antimony	1	2.88	2.88
45725	68107	Antimony	1	1	1
45728	68107	Antimony	1	1	1
45739	68107	Antimony	1	3.41	3.41
45741	68107	Antimony	1	1.1	1.1
45764	68107	Antimony	1	1	1
45767	68107	Antimony	1	1	1
45770	68107	Antimony	1	3.355	3.355
45786	68107	Antimony	1	3.245	3.245
45789	68107	Antimony	1	3.405	3.405
45822	68107	Antimony	1	1.05	1.05
45837	68107	Antimony	1	3.27	3.27
45840	68107	Antimony	1	1	1
45849	68107	Antimony	1	1	1
45854	68107	Antimony	1	3.775	3.775
45883	68107	Antimony	1	1	1
45906	68107	Antimony	1	3.285	3.285
45921	68107	Antimony	1	1	1
45923	68107	Antimony	1	3.715	3.715
45927	68107	Antimony	1	1	1
45955	68107	Antimony	1	3.41	3.41
45970	68107	Antimony	1	1	1
45984	68107	Antimony	1	3.505	3.505
45988	68107	Antimony	1	2.49	2.49
45999	68107	Antimony	1	1	1
46035	68107	Antimony	1	1	1
46049	68107	Antimony	1	1	1
46050	68107	Antimony	1	3.715	3.715
46052	68107	Antimony	1	1.15	1.15
46071	68107	Antimony	1	1	1
46073	68107	Antimony	1	3.18	3.18
46091	68107	Antimony	1	3.51	3.51
46103	68107	Antimony	1	5.1	5.1
46107	68107	Antimony	1	1.05	1.05
46118	68107	Antimony	1	3.93	3.93

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46122	68107	Antimony	1	2.2	2.2
46127	68107	Antimony	1	1	1
46133	68107	Antimony	1	3.45	3.45
46164	68107	Antimony	1	1.05	1.05
46168	68107	Antimony	1	2.4	2.4
46180	68107	Antimony	1	3.415	3.415
46210	68107	Antimony	1	3.295	3.295
46214	68107	Antimony	1	2.3	2.3
46241	68107	Antimony	1	3.18	3.18
46247	68107	Antimony	1	3.3	3.3
46260	68107	Antimony	1	3.425	3.425
46279	68107	Antimony	1	3	3
46297	68107	Antimony	1	3.13	3.13
46346	68107	Antimony	1	2.41	2.41
46347	68107	Antimony	1	1.05	1.05
46363	68107	Antimony	1	1.15	1.15
46368	68107	Antimony	1	3.31	3.31
46399	68107	Antimony	1	4.3	4.3
46423	68107	Antimony	1	1	1
46448	68107	Antimony	1	3.6	3.6
46461	68107	Antimony	1	2.57	2.57
46469	68107	Antimony	1	3.47	3.47
46474	68107	Antimony	1	1	1
46478	68107	Antimony	1	1	1
46493	68107	Antimony	1	1	1
46494	68107	Antimony	1	1.05	1.05
46498	68107	Antimony	1	3.59	3.59
46509	68107	Antimony	1	2.5	2.5
46579	68107	Antimony	1	3.3	3.3
46610	68107	Antimony	1	2.27	2.27
46626	68107	Antimony	1	1	1
46628	68107	Antimony	1	4.12	4.12
46637	68107	Antimony	1	3.3	3.3
46655	68107	Antimony	1	3.28	3.28
46662	68107	Antimony	1	3.26	3.26
46664	68107	Antimony	1	3.165	3.165
46672	68107	Antimony	1	3.075	3.075
46673	68107	Antimony	1	1.1	1.1
46683	68107	Antimony	1	3.475	3.475
46698	68107	Antimony	1	3.175	3.175
46699	68107	Antimony	1	3.38	3.38
46708	68107	Antimony	1	1	1
46712	68107	Antimony	1	3.1	3.1
46725	68107	Antimony	1	3.115	3.115
46727	68107	Antimony	1	2.9	2.9
46731	68107	Antimony	1	3.3	3.3
46743	68107	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46764	68107	Antimony	1	3.22	3.22
46772	68107	Antimony	1	1	1
46776	68107	Antimony	1	3.045	3.045
46792	68107	Antimony	1	3.045	3.045
46794	68107	Antimony	1	3.1	3.1
46805	68107	Antimony	1	2.83	2.83
46808	68107	Antimony	1	1	1
46815	68107	Antimony	1	1	1
46835	68107	Antimony	1	2.865	2.865
46852	68107	Antimony	1	2.31	2.31
46857	68107	Antimony	1	1	1
46864	68107	Antimony	1	1	1
46867	68107	Antimony	1	1	1
46893	68107	Antimony	1	3.6	3.6
46916	68107	Antimony	1	4.36	4.36
46919	68107	Antimony	1	1	1
46934	68107	Antimony	1	1	1
46954	68107	Antimony	1	2.965	2.965
46964	68107	Antimony	1	3.3	3.3
46994	68107	Antimony	1	3.66	3.66
46998	68107	Antimony	1	3.545	3.545
47030	68107	Antimony	1	1	1
47046	68107	Antimony	1	7.12	7.12
47047	68107	Antimony	1	3.56	3.56
47052	68107	Antimony	1	1	1
47058	68107	Antimony	1	3.53	3.53
47088	68107	Antimony	1	1	1
47090	68107	Antimony	1	3.2	3.2
47106	68107	Antimony	1	1	1
47139	68107	Antimony	1	3.19	3.19
47140	68107	Antimony	1	5.08	5.08
47147	68107	Antimony	1	8.37	8.37
47148	68107	Antimony	1	1	1
47149	68107	Antimony	1	3	3
47163	68107	Antimony	1	0.9	0.9
47172	68107	Antimony	1	1	1
47179	68107	Antimony	1	2.56	2.56
47181	68107	Antimony	1	1.15	1.15
47196	68107	Antimony	1	1.05	1.05
47206	68107	Antimony	1	2.56	2.56
47215	68107	Antimony	1	3.64	3.64
47216	68107	Antimony	1	2.6	2.6
47217	68107	Antimony	1	3.5	3.5
47218	68107	Antimony	1	1.48	1.48
47249	68107	Antimony	1	3.7	3.7
47259	68107	Antimony	1	1	1
47274	68107	Antimony	1	2.25	2.25

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47275	68107	Antimony	1	2.86	2.86
47279	68107	Antimony	1	3.32	3.32
47291	68107	Antimony	1	3.56	3.56
47293	68107	Antimony	1	2.8	2.8
47296	68107	Antimony	1	2.6	2.6
47311	68107	Antimony	1	1	1
47315	68107	Antimony	1	3.49	3.49
47320	68107	Antimony	1	1	1
47322	68107	Antimony	1	1	1
47338	68107	Antimony	1	3.32	3.32
47339	68107	Antimony	1	4.97	4.97
47356	68107	Antimony	1	1	1
47368	68107	Antimony	1	3.28	3.28
47380	68107	Antimony	1	3.54	3.54
47382	68107	Antimony	1	1.05	1.05
47417	68107	Antimony	1	1	1
47421	68107	Antimony	1	1	1
47424	68107	Antimony	1	1	1
47425	68107	Antimony	1	3.375	3.375
47440	68107	Antimony	1	5.12	5.12
47452	68107	Antimony	1	1	1
47485	68107	Antimony	1	3.44	3.44
47526	68107	Antimony	1	2.86	2.86
47544	68107	Antimony	1	3.29	3.29
47553	68107	Antimony	1	3.35	3.35
47566	68107	Antimony	1	3.61	3.61
47604	68107	Antimony	1	1	1
47610	68107	Antimony	1	3.945	3.945
47621	68107	Antimony	1	1	1
47627	68107	Antimony	1	7.14	7.14
47670	68107	Antimony	1	3.25	3.25
47681	68107	Antimony	1	1.05	1.05
47761	68107	Antimony	1	1	1
47768	68107	Antimony	1	3.63	3.63
47783	68107	Antimony	1	6.48	6.48
47795	68107	Antimony	1	3.335	3.335
47797	68107	Antimony	1	1	1
47811	68107	Antimony	1	1	1
47813	68107	Antimony	1	5.25	5.25
47816	68107	Antimony	1	1	1
47838	68107	Antimony	1	1	1
47841	68107	Antimony	1	1	1
47860	68107	Antimony	1	4.95	4.95
47867	68107	Antimony	1	2.8	2.8
47886	68107	Antimony	1	1	1
47895	68107	Antimony	1	3.8	3.8
47924	68107	Antimony	1	3.82	3.82

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47930	68107	Antimony	1	3.335	3.335
47934	68107	Antimony	1	2.3	2.3
47939	68107	Antimony	1	3.19	3.19
47952	68107	Antimony	1	3.265	3.265
47966	68107	Antimony	1	3.38	3.38
47969	68107	Antimony	1	3.545	3.545
48003	68107	Antimony	1	2.55	2.55
48006	68107	Antimony	1	2.31	2.31
48014	68107	Antimony	1	1.05	1.05
48016	68107	Antimony	1	3.59	3.59
48018	68107	Antimony	1	1	1
48036	68107	Antimony	1	3.105	3.105
48043	68107	Antimony	1	3.185	3.185
48048	68107	Antimony	1	1	1
48056	68107	Antimony	1	2.06	2.06
48092	68107	Antimony	1	4.5	4.5
48116	68107	Antimony	1	1	1
48118	68107	Antimony	1	4.45	4.45
48120	68107	Antimony	1	1.58	1.58
48135	68107	Antimony	1	1	1
48141	68107	Antimony	1	1	1
48150	68107	Antimony	1	2.04	2.04
48167	68107	Antimony	1	3.5	3.5
48232	68107	Antimony	1	3.75	3.75
48245	68107	Antimony	1	2.3	2.3
48261	68107	Antimony	1	3.305	3.305
48271	68107	Antimony	1	1.05	1.05
48292	68107	Antimony	1	1.05	1.05
48308	68107	Antimony	1	1	1
48327	68107	Antimony	1	3.275	3.275
48334	68107	Antimony	1	3.185	3.185
48341	68107	Antimony	1	3.12	3.12
48359	68107	Antimony	1	2.3	2.3
48367	68107	Antimony	1	3.245	3.245
48368	68107	Antimony	1	3.215	3.215
48380	68107	Antimony	1	1	1
48416	68107	Antimony	1	2	2
48418	68107	Antimony	1	3.605	3.605
48434	68107	Antimony	1	1	1
48494	68107	Antimony	1	3.15	3.15
48495	68107	Antimony	1	1	1
48508	68107	Antimony	1	3.19	3.19
48510	68107	Antimony	1	1	1
48525	68107	Antimony	1	2.2	2.2
48553	68107	Antimony	1	3.335	3.335
48578	68107	Antimony	1	3.395	3.395
48589	68107	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48596	68107	Antimony	1	3.395	3.395
48620	68107	Antimony	1	1.05	1.05
48636	68107	Antimony	1	3.49	3.49
48639	68107	Antimony	1	1	1
48641	68107	Antimony	1	1.1	1.1
48654	68107	Antimony	1	1	1
48661	68107	Antimony	1	1.685	1.685
48668	68107	Antimony	1	3.49	3.49
48674	68107	Antimony	1	3.53	3.53
48685	68107	Antimony	1	1	1
48694	68107	Antimony	1	3.13	3.13
48708	68107	Antimony	1	1	1
48715	68107	Antimony	1	3.665	3.665
48721	68107	Antimony	1	1	1
48733	68107	Antimony	1	3.075	3.075
48736	68107	Antimony	1	1	1
48747	68107	Antimony	1	1	1
48768	68107	Antimony	1	1.225	1.225
48798	68107	Antimony	1	1	1
48815	68107	Antimony	1	2.45	2.45
48821	68107	Antimony	1	73.2	73.2
48846	68107	Antimony	1	3.9	3.9
48855	68107	Antimony	1	3.38	3.38
48871	68107	Antimony	1	3.235	3.235
48904	68107	Antimony	1	2.1	2.1
48944	68107	Antimony	1	3.455	3.455
48952	68107	Antimony	1	3.545	3.545
48963	68107	Antimony	1	3.46	3.46
48973	68107	Antimony	1	3.7	3.7
48975	68107	Antimony	1	1	1
48977	68107	Antimony	1	2.27	2.27
48999	68107	Antimony	1	3.35	3.35
49012	68107	Antimony	1	3.51	3.51
49036	68107	Antimony	1	3.47	3.47
49070	68107	Antimony	1	1	1
49081	68107	Antimony	1	3.26	3.26
49098	68107	Antimony	1	3.17	3.17
49126	68107	Antimony	1	3.62	3.62
49167	68107	Antimony	1	1	1
49208	68107	Antimony	1	3.295	3.295
49239	68107	Antimony	1	1	1
49249	68107	Antimony	1	3.475	3.475
49371	68107	Antimony	1	3.07	3.07
49395	68107	Antimony	1	4.7	4.7
49404	68107	Antimony	1	1	1
49435	68107	Antimony	1	3.42	3.42
49441	68107	Antimony	1	3.625	3.625

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49444	68107	Antimony	1	3.28	3.28
50137	68107	Antimony	1	1	1
50139	68107	Antimony	1	1	1
50140	68107	Antimony	1	1	1
50141	68107	Antimony	1	1	1
50144	68107	Antimony	1	1	1
50158	68107	Antimony	1	1	1
50185	68107	Antimony	1	1	1
50191	68107	Antimony	1	1	1
50192	68107	Antimony	1	1	1
50193	68107	Antimony	1	1	1
50214	68107	Antimony	1	1	1
50243	68107	Antimony	1	1	1
50244	68107	Antimony	1	1	1
50246	68107	Antimony	1	1	1
50249	68107	Antimony	1	1	1
50276	68107	Antimony	1	1	1
50284	68107	Antimony	1	1	1
50286	68107	Antimony	1	1	1
50292	68107	Antimony	1	1	1
50293	68107	Antimony	1	1	1
50294	68107	Antimony	1	1	1
50299	68107	Antimony	1	1	1
50300	68107	Antimony	1	1	1
50313	68107	Antimony	1	1	1
50325	68107	Antimony	1	1	1
50326	68107	Antimony	1	1	1
50335	68107	Antimony	1	1	1
50359	68107	Antimony	1	1	1
50360	68107	Antimony	1	1	1
50361	68107	Antimony	1	1	1
50362	68107	Antimony	1	1	1
50537	68107	Antimony	1	3.195	3.195
76891	68107	Antimony	1	1.15	1.15
89377	68107	Antimony	1	1.1	1.1
89408	68107	Antimony	1	2.1	2.1
2170	68108	Antimony	1	1	1
2518	68108	Antimony	1	2.01	2.01
2521	68108	Antimony	1	2.61	2.61
2522	68108	Antimony	1	4.4	4.4
2527	68108	Antimony	1	3.255	3.255
2532	68108	Antimony	1	3.2	3.2
5225	68108	Antimony	1	1	1
5227	68108	Antimony	1	1	1
5229	68108	Antimony	1	1	1
5284	68108	Antimony	1	1	1
5300	68108	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5304	68108	Antimony	1	1	1
5306	68108	Antimony	1	1	1
5332	68108	Antimony	1	1.92	1.92
5387	68108	Antimony	1	1.955	1.955
5390	68108	Antimony	1	1.995	1.995
5394	68108	Antimony	1	3.15	3.15
5395	68108	Antimony	1	9.62	9.62
5398	68108	Antimony	1	5.51	5.51
5403	68108	Antimony	1	2.175	2.175
5407	68108	Antimony	1	4.93	4.93
5408	68108	Antimony	1	6.71	6.71
5409	68108	Antimony	1	0.545	0.545
5416	68108	Antimony	1	2.635	2.635
5418	68108	Antimony	1	3.92	3.92
5422	68108	Antimony	1	4.62	4.62
5425	68108	Antimony	1	7.75	7.75
5426	68108	Antimony	1	2.09	2.09
5427	68108	Antimony	1	5.34	5.34
5429	68108	Antimony	1	1.315	1.315
5431	68108	Antimony	1	4.97	4.97
5432	68108	Antimony	1	5.74	5.74
5449	68108	Antimony	1	5.31	5.31
5450	68108	Antimony	1	8.65	8.65
5454	68108	Antimony	1	2.85	2.85
5460	68108	Antimony	1	0.945	0.945
5463	68108	Antimony	1	1.04	1.04
5467	68108	Antimony	1	6.19	6.19
5472	68108	Antimony	1	1.28	1.28
5473	68108	Antimony	1	1.46	1.46
5474	68108	Antimony	1	2.295	2.295
5480	68108	Antimony	1	4.56	4.56
5483	68108	Antimony	1	4.43	4.43
5485	68108	Antimony	1	2.835	2.835
5492	68108	Antimony	1	7.46	7.46
5505	68108	Antimony	1	5.19	5.19
5572	68108	Antimony	1	6.4	6.4
5607	68108	Antimony	1	2.14	2.14
5608	68108	Antimony	1	1.11	1.11
5623	68108	Antimony	1	3.01	3.01
5628	68108	Antimony	1	2.85	2.85
5630	68108	Antimony	1	5.55	5.55
5636	68108	Antimony	1	11.6	11.6
5637	68108	Antimony	1	3.21	3.21
5652	68108	Antimony	1	4.07	4.07
12816	68108	Antimony	1	1	1
12859	68108	Antimony	1	1	1
12926	68108	Antimony	1	2.33	2.33

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12947	68108	Antimony	1	3.29	3.29
13102	68108	Antimony	1	3.215	3.215
13164	68108	Antimony	1	1	1
13184	68108	Antimony	1	1	1
13189	68108	Antimony	1	1	1
13267	68108	Antimony	1	2.7	2.7
13436	68108	Antimony	1	3.44	3.44
13485	68108	Antimony	1	1	1
13529	68108	Antimony	1	2.5	2.5
13575	68108	Antimony	1	1	1
13645	68108	Antimony	1	1.1	1.1
13674	68108	Antimony	1	2.3	2.3
13675	68108	Antimony	1	1	1
13760	68108	Antimony	1	7.68	7.68
13773	68108	Antimony	1	3.45	3.45
13795	68108	Antimony	1	5.07	5.07
13941	68108	Antimony	1	5.3	5.3
14043	68108	Antimony	1	2.985	2.985
14076	68108	Antimony	1	3.485	3.485
14079	68108	Antimony	1	3.04	3.04
14130	68108	Antimony	1	2.5	2.5
14140	68108	Antimony	1	1.08	1.08
14203	68108	Antimony	1	1	1
14270	68108	Antimony	1	3.38	3.38
14290	68108	Antimony	1	1	1
14438	68108	Antimony	1	2.31	2.31
14449	68108	Antimony	1	1	1
14481	68108	Antimony	1	1	1
14486	68108	Antimony	1	1	1
14497	68108	Antimony	1	1.1	1.1
14537	68108	Antimony	1	2.13	2.13
14545	68108	Antimony	1	2.7	2.7
14576	68108	Antimony	1	1.835	1.835
14578	68108	Antimony	1	1	1
14617	68108	Antimony	1	3.39	3.39
14692	68108	Antimony	1	3.41	3.41
14720	68108	Antimony	1	1	1
14818	68108	Antimony	1	1	1
14825	68108	Antimony	1	3.21	3.21
14849	68108	Antimony	1	3.15	3.15
14855	68108	Antimony	1	5.78	5.78
14878	68108	Antimony	1	3.38	3.38
14914	68108	Antimony	1	1	1
14998	68108	Antimony	1	1	1
15001	68108	Antimony	1	1	1
15051	68108	Antimony	1	1	1
15053	68108	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15116	68108	Antimony	1	1	1
15135	68108	Antimony	1	3.515	3.515
15248	68108	Antimony	1	3.97	3.97
15256	68108	Antimony	1	3.245	3.245
15266	68108	Antimony	1	2.36	2.36
15337	68108	Antimony	1	3.14	3.14
15443	68108	Antimony	1	1	1
15468	68108	Antimony	1	3.245	3.245
15601	68108	Antimony	1	1	1
15603	68108	Antimony	1	3.5	3.5
15687	68108	Antimony	1	1	1
15748	68108	Antimony	1	3.9	3.9
15768	68108	Antimony	1	3.755	3.755
15915	68108	Antimony	1	1	1
15939	68108	Antimony	1	1	1
15955	68108	Antimony	1	3.395	3.395
15966	68108	Antimony	1	3.705	3.705
15980	68108	Antimony	1	3.515	3.515
16006	68108	Antimony	1	1.2	1.2
16126	68108	Antimony	1	2.985	2.985
16135	68108	Antimony	1	2.75	2.75
16137	68108	Antimony	1	3.285	3.285
16145	68108	Antimony	1	3.36	3.36
16261	68108	Antimony	1	3.365	3.365
16267	68108	Antimony	1	3.175	3.175
16319	68108	Antimony	1	3.595	3.595
16349	68108	Antimony	1	3.1	3.1
16446	68108	Antimony	1	1	1
16530	68108	Antimony	1	9.55	9.55
16556	68108	Antimony	1	2.7	2.7
16581	68108	Antimony	1	2.82	2.82
16595	68108	Antimony	1	1	1
16599	68108	Antimony	1	2.8	2.8
16711	68108	Antimony	1	1	1
16973	68108	Antimony	1	3.49	3.49
17004	68108	Antimony	1	3.2	3.2
17005	68108	Antimony	1	3.3	3.3
17022	68108	Antimony	1	1	1
17242	68108	Antimony	1	6.2	6.2
17247	68108	Antimony	1	4.13	4.13
17282	68108	Antimony	1	1.25	1.25
17316	68108	Antimony	1	1	1
17323	68108	Antimony	1	1	1
17335	68108	Antimony	1	3.54	3.54
17360	68108	Antimony	1	1	1
17414	68108	Antimony	1	3.39	3.39
17416	68108	Antimony	1	3.32	3.32

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17417	68108	Antimony	1	3.3	3.3
17418	68108	Antimony	1	1	1
17461	68108	Antimony	1	3.2	3.2
17498	68108	Antimony	1	3.18	3.18
17550	68108	Antimony	1	1	1
17671	68108	Antimony	1	3.2	3.2
17699	68108	Antimony	1	3.115	3.115
17700	68108	Antimony	1	1.05	1.05
17701	68108	Antimony	1	1	1
17703	68108	Antimony	1	3.645	3.645
17732	68108	Antimony	1	1.805	1.805
17778	68108	Antimony	1	1	1
17849	68108	Antimony	1	3.365	3.365
17861	68108	Antimony	1	1	1
17864	68108	Antimony	1	1	1
17865	68108	Antimony	1	3.035	3.035
17908	68108	Antimony	1	4.1	4.1
17945	68108	Antimony	1	3.31	3.31
17963	68108	Antimony	1	7.5	7.5
17968	68108	Antimony	1	4.4	4.4
17985	68108	Antimony	1	1	1
18148	68108	Antimony	1	5	5
18179	68108	Antimony	1	2.3	2.3
18198	68108	Antimony	1	3.2	3.2
18218	68108	Antimony	1	2.35	2.35
18222	68108	Antimony	1	5.1	5.1
18249	68108	Antimony	1	12.7	12.7
18328	68108	Antimony	1	5.9	5.9
18330	68108	Antimony	1	2.46	2.46
18339	68108	Antimony	1	3.04	3.04
18385	68108	Antimony	1	2.9	2.9
18422	68108	Antimony	1	6.6	6.6
18435	68108	Antimony	1	3.7	3.7
18461	68108	Antimony	1	3.63	3.63
18486	68108	Antimony	1	3.045	3.045
18532	68108	Antimony	1	3.515	3.515
18547	68108	Antimony	1	1	1
18597	68108	Antimony	1	2.49	2.49
18634	68108	Antimony	1	6.32	6.32
18664	68108	Antimony	1	1	1
18687	68108	Antimony	1	3.22	3.22
18691	68108	Antimony	1	2.4	2.4
18697	68108	Antimony	1	3.1	3.1
18712	68108	Antimony	1	3.115	3.115
18718	68108	Antimony	1	1	1
18749	68108	Antimony	1	1	1
18800	68108	Antimony	1	6.82	6.82

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18802	68108	Antimony	1	4.45	4.45
18833	68108	Antimony	1	4.05	4.05
18890	68108	Antimony	1	3.445	3.445
18903	68108	Antimony	1	2.2	2.2
18943	68108	Antimony	1	3.13	3.13
18968	68108	Antimony	1	3.365	3.365
18988	68108	Antimony	1	3.32	3.32
19116	68108	Antimony	1	3.35	3.35
19126	68108	Antimony	1	2.46	2.46
19153	68108	Antimony	1	3.715	3.715
19190	68108	Antimony	1	7.5	7.5
19343	68108	Antimony	1	6.1	6.1
19371	68108	Antimony	1	3.74	3.74
19373	68108	Antimony	1	3.535	3.535
19417	68108	Antimony	1	5.1	5.1
19440	68108	Antimony	1	2.81	2.81
19444	68108	Antimony	1	3.48	3.48
19474	68108	Antimony	1	1	1
19640	68108	Antimony	1	3.085	3.085
19660	68108	Antimony	1	3.305	3.305
19680	68108	Antimony	1	3.44	3.44
19792	68108	Antimony	1	5.8	5.8
19875	68108	Antimony	1	1.675	1.675
19920	68108	Antimony	1	3.28	3.28
19988	68108	Antimony	1	2.8	2.8
20044	68108	Antimony	1	14	14
20137	68108	Antimony	1	2.25	2.25
20149	68108	Antimony	1	1	1
20168	68108	Antimony	1	1	1
20169	68108	Antimony	1	3	3
20244	68108	Antimony	1	3.44	3.44
20285	68108	Antimony	1	3.165	3.165
20287	68108	Antimony	1	1	1
20344	68108	Antimony	1	3.09	3.09
20367	68108	Antimony	1	3.17	3.17
20464	68108	Antimony	1	3.21	3.21
20467	68108	Antimony	1	1.05	1.05
20567	68108	Antimony	1	3.27	3.27
20588	68108	Antimony	1	2.9	2.9
20608	68108	Antimony	1	2.985	2.985
20629	68108	Antimony	1	1	1
20671	68108	Antimony	1	3.45	3.45
20746	68108	Antimony	1	3.3	3.3
20752	68108	Antimony	1	2.2	2.2
20831	68108	Antimony	1	3.555	3.555
20881	68108	Antimony	1	9.89	9.89
20922	68108	Antimony	1	0.9	0.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21123	68108	Antimony	1	1	1
21190	68108	Antimony	1	1	1
21502	68108	Antimony	1	2.27	2.27
21582	68108	Antimony	1	5.5	5.5
21729	68108	Antimony	1	4.7	4.7
21863	68108	Antimony	1	3.215	3.215
22203	68108	Antimony	1	3.68	3.68
22282	68108	Antimony	1	3.105	3.105
50453	68108	Antimony	1	2.05	2.05
50624	68108	Antimony	1	3.34	3.34
74047	68108	Antimony	1	1.15	1.15
79306	68108	Antimony	1	1.2	1.2
87989	68108	Antimony	1	1	1
88004	68108	Antimony	1	1.05	1.05
88031	68108	Antimony	1	1.25	1.25
89842	68108	Antimony	1	1	1
90601	68108	Antimony	1	0.95	0.95
92372	68108	Antimony	1	2.5	2.5
93003	68108	Antimony	1	1.25	1.25
93522	68108	Antimony	1	3.9	3.9
2069	68110	Antimony	1	1	1
2280	68110	Antimony	1	2.2	2.2
2354	68110	Antimony	1	1	1
2355	68110	Antimony	1	3.8	3.8
2539	68110	Antimony	1	11.6	11.6
3136	68110	Antimony	1	3.8	3.8
5258	68110	Antimony	1	1	1
5388	68110	Antimony	1	1.14	1.14
5520	68110	Antimony	1	8.69	8.69
5525	68110	Antimony	1	2.995	2.995
5527	68110	Antimony	1	3.045	3.045
5530	68110	Antimony	1	2.75	2.75
5532	68110	Antimony	1	6.87	6.87
5536	68110	Antimony	1	2.885	2.885
5541	68110	Antimony	1	2.38	2.38
5544	68110	Antimony	1	1.425	1.425
5546	68110	Antimony	1	1.14	1.14
5551	68110	Antimony	1	8.04	8.04
5559	68110	Antimony	1	3.08	3.08
5560	68110	Antimony	1	2.655	2.655
5561	68110	Antimony	1	2.87	2.87
5563	68110	Antimony	1	0.78	0.78
5565	68110	Antimony	1	4.09	4.09
5566	68110	Antimony	1	1.025	1.025
5612	68110	Antimony	1	6.92	6.92
5614	68110	Antimony	1	6.85	6.85
5641	68110	Antimony	1	1.385	1.385

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5650	68110	Antimony	1	1	1
5651	68110	Antimony	1	3.1	3.1
26122	68110	Antimony	1	3.125	3.125
26133	68110	Antimony	1	3.085	3.085
26234	68110	Antimony	1	1.1	1.1
26341	68110	Antimony	1	1	1
26410	68110	Antimony	1	1	1
26447	68110	Antimony	1	3.055	3.055
26465	68110	Antimony	1	3.345	3.345
26527	68110	Antimony	1	1.5	1.5
26550	68110	Antimony	1	3.22	3.22
26762	68110	Antimony	1	1.67	1.67
27034	68110	Antimony	1	3.08	3.08
27069	68110	Antimony	1	1	1
27291	68110	Antimony	1	3.53	3.53
27435	68110	Antimony	1	1.15	1.15
27589	68110	Antimony	1	3.205	3.205
27592	68110	Antimony	1	3.1	3.1
27683	68110	Antimony	1	3.385	3.385
27704	68110	Antimony	1	8.17	8.17
27756	68110	Antimony	1	5.9	5.9
27815	68110	Antimony	1	3.155	3.155
27822	68110	Antimony	1	3.24	3.24
27826	68110	Antimony	1	3.49	3.49
27840	68110	Antimony	1	3.33	3.33
27884	68110	Antimony	1	3.525	3.525
27907	68110	Antimony	1	1	1
27927	68110	Antimony	1	3.665	3.665
27984	68110	Antimony	1	3.24	3.24
28074	68110	Antimony	1	3.225	3.225
28075	68110	Antimony	1	3.305	3.305
28120	68110	Antimony	1	3.3	3.3
28167	68110	Antimony	1	3.28	3.28
28226	68110	Antimony	1	3.495	3.495
28335	68110	Antimony	1	3.075	3.075
28360	68110	Antimony	1	1	1
28404	68110	Antimony	1	2.91	2.91
28421	68110	Antimony	1	1	1
28455	68110	Antimony	1	3.7	3.7
28501	68110	Antimony	1	3.335	3.335
28550	68110	Antimony	1	3.435	3.435
28591	68110	Antimony	1	3.33	3.33
28647	68110	Antimony	1	3.14	3.14
28670	68110	Antimony	1	3.41	3.41
28711	68110	Antimony	1	3.49	3.49
28717	68110	Antimony	1	1	1
28726	68110	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28905	68110	Antimony	1	3.35	3.35
28977	68110	Antimony	1	3.38	3.38
28999	68110	Antimony	1	1	1
29058	68110	Antimony	1	3.3	3.3
29063	68110	Antimony	1	1.05	1.05
29084	68110	Antimony	1	8.27	8.27
29093	68110	Antimony	1	3.39	3.39
29095	68110	Antimony	1	3.255	3.255
29117	68110	Antimony	1	5.81	5.81
29135	68110	Antimony	1	1	1
29207	68110	Antimony	1	3.85	3.85
29238	68110	Antimony	1	3.535	3.535
29257	68110	Antimony	1	3.35	3.35
29271	68110	Antimony	1	1	1
29283	68110	Antimony	1	3.345	3.345
29290	68110	Antimony	1	1	1
29332	68110	Antimony	1	2.2	2.2
29360	68110	Antimony	1	1	1
29361	68110	Antimony	1	1	1
29393	68110	Antimony	1	3.53	3.53
29421	68110	Antimony	1	3.685	3.685
29493	68110	Antimony	1	4.15	4.15
29500	68110	Antimony	1	3.375	3.375
29505	68110	Antimony	1	3.285	3.285
29550	68110	Antimony	1	1	1
29610	68110	Antimony	1	3.63	3.63
29634	68110	Antimony	1	5.83	5.83
29665	68110	Antimony	1	3.185	3.185
29753	68110	Antimony	1	1	1
29774	68110	Antimony	1	3.26	3.26
29786	68110	Antimony	1	2.32	2.32
29795	68110	Antimony	1	3.43	3.43
29844	68110	Antimony	1	1.1	1.1
29877	68110	Antimony	1	5.24	5.24
29887	68110	Antimony	1	1	1
29911	68110	Antimony	1	1	1
29913	68110	Antimony	1	3.28	3.28
29920	68110	Antimony	1	3.31	3.31
29921	68110	Antimony	1	3.555	3.555
29934	68110	Antimony	1	2.7	2.7
29942	68110	Antimony	1	1.15	1.15
29943	68110	Antimony	1	3.33	3.33
30017	68110	Antimony	1	1	1
30172	68110	Antimony	1	3.29	3.29
30189	68110	Antimony	1	1.05	1.05
30210	68110	Antimony	1	3.385	3.385
30291	68110	Antimony	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30394	68110	Antimony	1	4.3	4.3
30410	68110	Antimony	1	3.08	3.08
30422	68110	Antimony	1	4	4
30443	68110	Antimony	1	3.8	3.8
30469	68110	Antimony	1	3.08	3.08
30470	68110	Antimony	1	1.15	1.15
30500	68110	Antimony	1	1	1
30551	68110	Antimony	1	11	11
30556	68110	Antimony	1	3.2	3.2
30566	68110	Antimony	1	1	1
30575	68110	Antimony	1	3.585	3.585
30633	68110	Antimony	1	3.365	3.365
30651	68110	Antimony	1	2.5	2.5
30688	68110	Antimony	1	3.595	3.595
30705	68110	Antimony	1	3.07	3.07
30786	68110	Antimony	1	3.405	3.405
30803	68110	Antimony	1	3.6	3.6
30870	68110	Antimony	1	3.6	3.6
30954	68110	Antimony	1	2.4	2.4
30980	68110	Antimony	1	2.02	2.02
31097	68110	Antimony	1	4.2	4.2
31153	68110	Antimony	1	3.295	3.295
31174	68110	Antimony	1	1	1
31223	68110	Antimony	1	3.5	3.5
31231	68110	Antimony	1	3.45	3.45
31350	68110	Antimony	1	3.365	3.365
31401	68110	Antimony	1	6.8	6.8
31568	68110	Antimony	1	3.365	3.365
31645	68110	Antimony	1	1	1
31757	68110	Antimony	1	1	1
31760	68110	Antimony	1	3.18	3.18
31814	68110	Antimony	1	3.42	3.42
31832	68110	Antimony	1	1	1
31959	68110	Antimony	1	3.465	3.465
32019	68110	Antimony	1	5.6	5.6
32039	68110	Antimony	1	2.7	2.7
32043	68110	Antimony	1	1	1
32063	68110	Antimony	1	5	5
32214	68110	Antimony	1	3.23	3.23
32373	68110	Antimony	1	3.16	3.16
32484	68110	Antimony	1	1	1
32508	68110	Antimony	1	5.85	5.85
32529	68110	Antimony	1	3.4	3.4
32536	68110	Antimony	1	7.29	7.29
32570	68110	Antimony	1	3.515	3.515
32645	68110	Antimony	1	3.77	3.77
32707	68110	Antimony	1	3.955	3.955

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32727	68110	Antimony	1	3.225	3.225
32733	68110	Antimony	1	4.3	4.3
32734	68110	Antimony	1	4.9	4.9
32875	68110	Antimony	1	3.87	3.87
32903	68110	Antimony	1	3.49	3.49
32915	68110	Antimony	1	3.535	3.535
32927	68110	Antimony	1	1	1
32996	68110	Antimony	1	1.1	1.1
33078	68110	Antimony	1	3.28	3.28
33084	68110	Antimony	1	3.2	3.2
33280	68110	Antimony	1	7.12	7.12
33421	68110	Antimony	1	3.09	3.09
33468	68110	Antimony	1	4.3	4.3
33472	68110	Antimony	1	3.21	3.21
33477	68110	Antimony	1	0.95	0.95
33483	68110	Antimony	1	1.05	1.05
33512	68110	Antimony	1	3.15	3.15
33519	68110	Antimony	1	3.27	3.27
33543	68110	Antimony	1	3.205	3.205
33555	68110	Antimony	1	3.24	3.24
33602	68110	Antimony	1	2.51	2.51
33629	68110	Antimony	1	1	1
33714	68110	Antimony	1	5.96	5.96
33725	68110	Antimony	1	3.14	3.14
33840	68110	Antimony	1	4.26	4.26
33927	68110	Antimony	1	1	1
34002	68110	Antimony	1	1	1
34047	68110	Antimony	1	9.7	9.7
34116	68110	Antimony	1	3.43	3.43
34237	68110	Antimony	1	3.295	3.295
34260	68110	Antimony	1	3.5	3.5
34266	68110	Antimony	1	3.665	3.665
34272	68110	Antimony	1	1	1
34276	68110	Antimony	1	1	1
34287	68110	Antimony	1	3.515	3.515
34613	68110	Antimony	1	4.47	4.47
34625	68110	Antimony	1	3.8	3.8
34638	68110	Antimony	1	3.18	3.18
34674	68110	Antimony	1	1	1
34696	68110	Antimony	1	4.66	4.66
34710	68110	Antimony	1	3.595	3.595
34733	68110	Antimony	1	3.23	3.23
34738	68110	Antimony	1	1.05	1.05
34742	68110	Antimony	1	12.3	12.3
34821	68110	Antimony	1	3.24	3.24
35022	68110	Antimony	1	3.18	3.18
35047	68110	Antimony	1	3.56	3.56

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35180	68110	Antimony	1	3.675	3.675
35183	68110	Antimony	1	3.01	3.01
35249	68110	Antimony	1	3.15	3.15
35384	68110	Antimony	1	1.05	1.05
35438	68110	Antimony	1	3.055	3.055
35501	68110	Antimony	1	1	1
35589	68110	Antimony	1	3.23	3.23
35637	68110	Antimony	1	1.2	1.2
35710	68110	Antimony	1	3.1	3.1
35754	68110	Antimony	1	3.27	3.27
35787	68110	Antimony	1	1	1
35792	68110	Antimony	1	1	1
35793	68110	Antimony	1	1.435	1.435
36189	68110	Antimony	1	3.45	3.45
37075	68110	Antimony	1	3.28	3.28
37434	68110	Antimony	1	5.3	5.3
37456	68110	Antimony	1	3.67	3.67
37525	68110	Antimony	1	3.645	3.645
37674	68110	Antimony	1	3.47	3.47
37821	68110	Antimony	1	3.255	3.255
38725	68110	Antimony	1	2.25	2.25
38863	68110	Antimony	1	2.34	2.34
39142	68110	Antimony	1	1.05	1.05
39434	68110	Antimony	1	3.255	3.255
39572	68110	Antimony	1	3.4	3.4
55636	68110	Antimony	1	1.1	1.1
74149	68110	Antimony	1	1.05	1.05
79377	68110	Antimony	1	1.05	1.05
81398	68110	Antimony	1	1.2	1.2
81400	68110	Antimony	1	1.05	1.05
87991	68110	Antimony	1	1.05	1.05
90908	68110	Antimony	1	1	1
91449	68110	Antimony	1	1.15	1.15
92501	68110	Antimony	1	0.95	0.95
92675	68110	Antimony	1	0.9	0.9
93337	68110	Antimony	1	1	1
93338	68110	Antimony	1	1.1	1.1
93342	68110	Antimony	1	0.9	0.9
93344	68110	Antimony	1	1.15	1.15
93345	68110	Antimony	1	1.15	1.15
2035	68111	Antimony	1	1	1
2075	68111	Antimony	1	1	1
2103	68111	Antimony	1	1	1
2109	68111	Antimony	1	2.88	2.88
2118	68111	Antimony	1	3.54	3.54
2121	68111	Antimony	1	1	1
2126	68111	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2154	68111	Antimony	1	1	1
2179	68111	Antimony	1	1	1
2216	68111	Antimony	1	1	1
2225	68111	Antimony	1	1	1
2231	68111	Antimony	1	1	1
2262	68111	Antimony	1	1	1
2365	68111	Antimony	1	0.448	0.448
2425	68111	Antimony	1	3.325	3.325
2565	68111	Antimony	1	3.28	3.28
3046	68111	Antimony	1	0.911	0.911
3051	68111	Antimony	1	0.405	0.405
3058	68111	Antimony	1	1.67	1.67
3091	68111	Antimony	1	3.58	3.58
3133	68111	Antimony	1	1.25	1.25
3151	68111	Antimony	1	1.2	1.2
5013	68111	Antimony	1	1	1
5085	68111	Antimony	1	1	1
5170	68111	Antimony	1	1	1
5171	68111	Antimony	1	1	1
5204	68111	Antimony	1	1	1
5206	68111	Antimony	1	1	1
5208	68111	Antimony	1	1	1
5215	68111	Antimony	1	1	1
5221	68111	Antimony	1	1	1
5230	68111	Antimony	1	1	1
5232	68111	Antimony	1	1	1
5234	68111	Antimony	1	1	1
5236	68111	Antimony	1	1	1
5238	68111	Antimony	1	1	1
5240	68111	Antimony	1	1	1
5242	68111	Antimony	1	1	1
5246	68111	Antimony	1	1	1
5288	68111	Antimony	1	1	1
5296	68111	Antimony	1	1	1
5330	68111	Antimony	1	1.74	1.74
5513	68111	Antimony	1	1.625	1.625
5514	68111	Antimony	1	1.06	1.06
5618	68111	Antimony	1	0.79	0.79
25663	68111	Antimony	1	3.31	3.31
25670	68111	Antimony	1	3.33	3.33
25708	68111	Antimony	1	1	1
25709	68111	Antimony	1	3.2	3.2
25750	68111	Antimony	1	5.41	5.41
25780	68111	Antimony	1	1.05	1.05
25786	68111	Antimony	1	1	1
25794	68111	Antimony	1	1	1
25804	68111	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25805	68111	Antimony	1	7.4	7.4
25834	68111	Antimony	1	3.58	3.58
25849	68111	Antimony	1	3.495	3.495
25869	68111	Antimony	1	3.61	3.61
25874	68111	Antimony	1	3.19	3.19
25877	68111	Antimony	1	5.03	5.03
25894	68111	Antimony	1	1	1
25903	68111	Antimony	1	16.1	16.1
25918	68111	Antimony	1	1.15	1.15
25921	68111	Antimony	1	3.02	3.02
25977	68111	Antimony	1	1	1
25985	68111	Antimony	1	3.365	3.365
26005	68111	Antimony	1	3.505	3.505
26009	68111	Antimony	1	1	1
26011	68111	Antimony	1	3.665	3.665
26030	68111	Antimony	1	3.615	3.615
26042	68111	Antimony	1	3.13	3.13
26043	68111	Antimony	1	1	1
26045	68111	Antimony	1	3.415	3.415
26053	68111	Antimony	1	3.635	3.635
26084	68111	Antimony	1	1.1	1.1
26124	68111	Antimony	1	3.54	3.54
26135	68111	Antimony	1	3.86	3.86
26149	68111	Antimony	1	7.36	7.36
26160	68111	Antimony	1	3.295	3.295
26164	68111	Antimony	1	4.4	4.4
26191	68111	Antimony	1	4.195	4.195
26199	68111	Antimony	1	1	1
26202	68111	Antimony	1	3.455	3.455
26204	68111	Antimony	1	2.46	2.46
26211	68111	Antimony	1	3.22	3.22
26215	68111	Antimony	1	1	1
26228	68111	Antimony	1	3.495	3.495
26229	68111	Antimony	1	3.63	3.63
26231	68111	Antimony	1	3	3
26249	68111	Antimony	1	1.05	1.05
26257	68111	Antimony	1	1	1
26263	68111	Antimony	1	1	1
26288	68111	Antimony	1	3.535	3.535
26289	68111	Antimony	1	3.515	3.515
26290	68111	Antimony	1	1	1
26295	68111	Antimony	1	1	1
26303	68111	Antimony	1	3.37	3.37
26327	68111	Antimony	1	3.58	3.58
26372	68111	Antimony	1	3.26	3.26
26428	68111	Antimony	1	1	1
26456	68111	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26459	68111	Antimony	1	1	1
26480	68111	Antimony	1	2.39	2.39
26485	68111	Antimony	1	3.07	3.07
26514	68111	Antimony	1	1	1
26518	68111	Antimony	1	1	1
26543	68111	Antimony	1	13.3	13.3
26570	68111	Antimony	1	1	1
26604	68111	Antimony	1	5.12	5.12
26653	68111	Antimony	1	1	1
26663	68111	Antimony	1	2.18	2.18
26665	68111	Antimony	1	3.565	3.565
26682	68111	Antimony	1	1	1
26695	68111	Antimony	1	2.68	2.68
26716	68111	Antimony	1	1	1
26757	68111	Antimony	1	3.07	3.07
26759	68111	Antimony	1	2.375	2.375
26772	68111	Antimony	1	2.995	2.995
26779	68111	Antimony	1	3.35	3.35
26783	68111	Antimony	1	3.805	3.805
26834	68111	Antimony	1	3.39	3.39
26844	68111	Antimony	1	6.15	6.15
26858	68111	Antimony	1	3.2	3.2
26865	68111	Antimony	1	1	1
26868	68111	Antimony	1	5.69	5.69
26869	68111	Antimony	1	3.06	3.06
26877	68111	Antimony	1	9.83	9.83
26891	68111	Antimony	1	3.21	3.21
26948	68111	Antimony	1	4.8	4.8
26955	68111	Antimony	1	1	1
26967	68111	Antimony	1	1	1
26996	68111	Antimony	1	3.11	3.11
26997	68111	Antimony	1	1	1
26999	68111	Antimony	1	3.45	3.45
27005	68111	Antimony	1	1	1
27031	68111	Antimony	1	3.195	3.195
27038	68111	Antimony	1	1.1	1.1
27052	68111	Antimony	1	1	1
27074	68111	Antimony	1	2.54	2.54
27096	68111	Antimony	1	3.495	3.495
27107	68111	Antimony	1	3.505	3.505
27117	68111	Antimony	1	3.7	3.7
27120	68111	Antimony	1	1	1
27137	68111	Antimony	1	2.99	2.99
27138	68111	Antimony	1	1	1
27139	68111	Antimony	1	3.2	3.2
27140	68111	Antimony	1	1	1
27142	68111	Antimony	1	3.6	3.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27144	68111	Antimony	1	3.8	3.8
27145	68111	Antimony	1	1	1
27148	68111	Antimony	1	1	1
27177	68111	Antimony	1	1	1
27185	68111	Antimony	1	5.6	5.6
27191	68111	Antimony	1	1	1
27193	68111	Antimony	1	3.39	3.39
27202	68111	Antimony	1	3.5	3.5
27264	68111	Antimony	1	3.2	3.2
27266	68111	Antimony	1	1	1
27269	68111	Antimony	1	9.4	9.4
27278	68111	Antimony	1	3.09	3.09
27308	68111	Antimony	1	1	1
27315	68111	Antimony	1	4.3	4.3
27318	68111	Antimony	1	3.15	3.15
27342	68111	Antimony	1	3.4	3.4
27347	68111	Antimony	1	1	1
27369	68111	Antimony	1	1	1
27399	68111	Antimony	1	1	1
27402	68111	Antimony	1	1.2	1.2
27446	68111	Antimony	1	2.2	2.2
27461	68111	Antimony	1	1	1
27467	68111	Antimony	1	3.185	3.185
27475	68111	Antimony	1	1	1
27481	68111	Antimony	1	1	1
27488	68111	Antimony	1	3.15	3.15
27524	68111	Antimony	1	1	1
27567	68111	Antimony	1	3.155	3.155
27581	68111	Antimony	1	3.87	3.87
27585	68111	Antimony	1	3.625	3.625
27604	68111	Antimony	1	3.85	3.85
27608	68111	Antimony	1	3.51	3.51
27630	68111	Antimony	1	3.46	3.46
27632	68111	Antimony	1	3.84	3.84
27658	68111	Antimony	1	1	1
27718	68111	Antimony	1	3.9	3.9
27734	68111	Antimony	1	2.69	2.69
27739	68111	Antimony	1	3.25	3.25
27742	68111	Antimony	1	1	1
27764	68111	Antimony	1	1	1
27780	68111	Antimony	1	3.385	3.385
27854	68111	Antimony	1	1	1
27859	68111	Antimony	1	3.63	3.63
27885	68111	Antimony	1	1	1
27886	68111	Antimony	1	4.85	4.85
27913	68111	Antimony	1	3.16	3.16
27920	68111	Antimony	1	3.38	3.38

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27924	68111	Antimony	1	1	1
27939	68111	Antimony	1	4.24	4.24
27962	68111	Antimony	1	3.74	3.74
28004	68111	Antimony	1	2.69	2.69
28011	68111	Antimony	1	1	1
28019	68111	Antimony	1	3.735	3.735
28020	68111	Antimony	1	1	1
28022	68111	Antimony	1	3.065	3.065
28045	68111	Antimony	1	3.825	3.825
28065	68111	Antimony	1	1	1
28072	68111	Antimony	1	2.8	2.8
28105	68111	Antimony	1	3.05	3.05
28108	68111	Antimony	1	3.13	3.13
28144	68111	Antimony	1	3.35	3.35
28148	68111	Antimony	1	1	1
28154	68111	Antimony	1	3.315	3.315
28157	68111	Antimony	1	1.05	1.05
28185	68111	Antimony	1	3.3	3.3
28186	68111	Antimony	1	3.16	3.16
28188	68111	Antimony	1	1	1
28222	68111	Antimony	1	4.04	4.04
28273	68111	Antimony	1	9.05	9.05
28284	68111	Antimony	1	1	1
28329	68111	Antimony	1	3.375	3.375
28338	68111	Antimony	1	1	1
28375	68111	Antimony	1	1	1
28377	68111	Antimony	1	1	1
28417	68111	Antimony	1	1	1
28423	68111	Antimony	1	1.25	1.25
28434	68111	Antimony	1	2.75	2.75
28518	68111	Antimony	1	3.59	3.59
28544	68111	Antimony	1	1	1
28558	68111	Antimony	1	3.365	3.365
28561	68111	Antimony	1	1	1
28573	68111	Antimony	1	2.5	2.5
28611	68111	Antimony	1	1	1
28612	68111	Antimony	1	3.565	3.565
28618	68111	Antimony	1	5.03	5.03
28625	68111	Antimony	1	3.32	3.32
28648	68111	Antimony	1	1	1
28661	68111	Antimony	1	3.34	3.34
28688	68111	Antimony	1	7.55	7.55
28709	68111	Antimony	1	1	1
28713	68111	Antimony	1	3.45	3.45
28725	68111	Antimony	1	3.315	3.315
28730	68111	Antimony	1	3.37	3.37
28749	68111	Antimony	1	6.08	6.08

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28763	68111	Antimony	1	3.425	3.425
28764	68111	Antimony	1	3.385	3.385
28766	68111	Antimony	1	1	1
28781	68111	Antimony	1	3.595	3.595
28785	68111	Antimony	1	3.235	3.235
28798	68111	Antimony	1	1	1
28799	68111	Antimony	1	3.14	3.14
28809	68111	Antimony	1	3.075	3.075
28811	68111	Antimony	1	8.23	8.23
28819	68111	Antimony	1	3.46	3.46
28836	68111	Antimony	1	2.375	2.375
28837	68111	Antimony	1	3.22	3.22
28846	68111	Antimony	1	2.54	2.54
28893	68111	Antimony	1	1	1
28942	68111	Antimony	1	3.33	3.33
28959	68111	Antimony	1	4.1	4.1
28963	68111	Antimony	1	3.36	3.36
28967	68111	Antimony	1	1	1
28984	68111	Antimony	1	3.185	3.185
28991	68111	Antimony	1	3.595	3.595
29002	68111	Antimony	1	3.415	3.415
29023	68111	Antimony	1	7.17	7.17
29033	68111	Antimony	1	1	1
29037	68111	Antimony	1	1	1
29071	68111	Antimony	1	1	1
29090	68111	Antimony	1	7.19	7.19
29101	68111	Antimony	1	3.715	3.715
29102	68111	Antimony	1	1	1
29105	68111	Antimony	1	1	1
29155	68111	Antimony	1	0.95	0.95
29165	68111	Antimony	1	3.9	3.9
29175	68111	Antimony	1	1	1
29177	68111	Antimony	1	1	1
29181	68111	Antimony	1	3.305	3.305
29204	68111	Antimony	1	1	1
29205	68111	Antimony	1	1	1
29214	68111	Antimony	1	2.94	2.94
29220	68111	Antimony	1	3.21	3.21
29240	68111	Antimony	1	3.47	3.47
29248	68111	Antimony	1	3.915	3.915
29274	68111	Antimony	1	1	1
29285	68111	Antimony	1	3.555	3.555
29328	68111	Antimony	1	3.22	3.22
29343	68111	Antimony	1	3.45	3.45
29354	68111	Antimony	1	3.21	3.21
29358	68111	Antimony	1	1	1
29386	68111	Antimony	1	3.275	3.275

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29409	68111	Antimony	1	2.66	2.66
29431	68111	Antimony	1	3.34	3.34
29432	68111	Antimony	1	3.385	3.385
29445	68111	Antimony	1	1	1
29469	68111	Antimony	1	3.535	3.535
29499	68111	Antimony	1	3.32	3.32
29552	68111	Antimony	1	3.235	3.235
29558	68111	Antimony	1	1	1
29578	68111	Antimony	1	3.38	3.38
29608	68111	Antimony	1	3.49	3.49
29625	68111	Antimony	1	4.21	4.21
29633	68111	Antimony	1	2.27	2.27
29671	68111	Antimony	1	3.3	3.3
29678	68111	Antimony	1	3.295	3.295
29683	68111	Antimony	1	3.3	3.3
29684	68111	Antimony	1	3.115	3.115
29717	68111	Antimony	1	4.4	4.4
29777	68111	Antimony	1	1	1
29792	68111	Antimony	1	3.09	3.09
29806	68111	Antimony	1	3.72	3.72
29818	68111	Antimony	1	2.63	2.63
29824	68111	Antimony	1	3.14	3.14
29826	68111	Antimony	1	1	1
29881	68111	Antimony	1	3.545	3.545
29889	68111	Antimony	1	1	1
29910	68111	Antimony	1	1	1
29912	68111	Antimony	1	1	1
29927	68111	Antimony	1	1.1	1.1
29953	68111	Antimony	1	1	1
29974	68111	Antimony	1	1	1
29978	68111	Antimony	1	3.59	3.59
29991	68111	Antimony	1	6.33	6.33
29993	68111	Antimony	1	3.45	3.45
30012	68111	Antimony	1	3.85	3.85
30045	68111	Antimony	1	3.335	3.335
30050	68111	Antimony	1	2.99	2.99
30068	68111	Antimony	1	3.26	3.26
30078	68111	Antimony	1	3.37	3.37
30081	68111	Antimony	1	3.515	3.515
30123	68111	Antimony	1	4.43	4.43
30133	68111	Antimony	1	1	1
30161	68111	Antimony	1	1	1
30169	68111	Antimony	1	4.08	4.08
30171	68111	Antimony	1	3.18	3.18
30177	68111	Antimony	1	3.205	3.205
30182	68111	Antimony	1	3.12	3.12
30201	68111	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30220	68111	Antimony	1	3.19	3.19
30225	68111	Antimony	1	3.27	3.27
30244	68111	Antimony	1	1	1
30253	68111	Antimony	1	4.55	4.55
30345	68111	Antimony	1	3.22	3.22
30347	68111	Antimony	1	1	1
30387	68111	Antimony	1	1	1
30417	68111	Antimony	1	3.3	3.3
30420	68111	Antimony	1	1.93	1.93
30434	68111	Antimony	1	1	1
30455	68111	Antimony	1	3.385	3.385
30462	68111	Antimony	1	3.86	3.86
30494	68111	Antimony	1	3.015	3.015
30521	68111	Antimony	1	3.19	3.19
30526	68111	Antimony	1	1	1
30563	68111	Antimony	1	5.73	5.73
30580	68111	Antimony	1	1	1
30625	68111	Antimony	1	3.41	3.41
30644	68111	Antimony	1	3.65	3.65
30683	68111	Antimony	1	1.05	1.05
30699	68111	Antimony	1	1	1
30700	68111	Antimony	1	1	1
30757	68111	Antimony	1	3.29	3.29
30802	68111	Antimony	1	1	1
30813	68111	Antimony	1	1	1
30817	68111	Antimony	1	4	4
30836	68111	Antimony	1	3.14	3.14
30841	68111	Antimony	1	3.22	3.22
30844	68111	Antimony	1	1	1
30888	68111	Antimony	1	3.5	3.5
30927	68111	Antimony	1	1	1
30932	68111	Antimony	1	1	1
30933	68111	Antimony	1	1	1
30939	68111	Antimony	1	1.1	1.1
30978	68111	Antimony	1	1.1	1.1
30991	68111	Antimony	1	3.485	3.485
30995	68111	Antimony	1	1.1	1.1
30997	68111	Antimony	1	3.305	3.305
31008	68111	Antimony	1	3.7	3.7
31042	68111	Antimony	1	1.05	1.05
31045	68111	Antimony	1	3.12	3.12
31046	68111	Antimony	1	4.36	4.36
31052	68111	Antimony	1	3.445	3.445
31056	68111	Antimony	1	1	1
31071	68111	Antimony	1	1	1
31074	68111	Antimony	1	3.68	3.68
31076	68111	Antimony	1	3.305	3.305

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31081	68111	Antimony	1	3.33	3.33
31102	68111	Antimony	1	3.33	3.33
31104	68111	Antimony	1	1	1
31120	68111	Antimony	1	1.255	1.255
31129	68111	Antimony	1	3.7	3.7
31131	68111	Antimony	1	1	1
31141	68111	Antimony	1	1	1
31145	68111	Antimony	1	2.48	2.48
31163	68111	Antimony	1	1	1
31171	68111	Antimony	1	3.04	3.04
31176	68111	Antimony	1	1	1
31186	68111	Antimony	1	1	1
31189	68111	Antimony	1	1	1
31192	68111	Antimony	1	1	1
31206	68111	Antimony	1	3.49	3.49
31229	68111	Antimony	1	1	1
31237	68111	Antimony	1	3	3
31262	68111	Antimony	1	2.82	2.82
31300	68111	Antimony	1	3.6	3.6
31303	68111	Antimony	1	2.28	2.28
31316	68111	Antimony	1	3.665	3.665
31357	68111	Antimony	1	1	1
31360	68111	Antimony	1	1	1
31361	68111	Antimony	1	1	1
31362	68111	Antimony	1	3.28	3.28
31366	68111	Antimony	1	4.21	4.21
31377	68111	Antimony	1	1	1
31408	68111	Antimony	1	4.15	4.15
31433	68111	Antimony	1	3.6	3.6
31442	68111	Antimony	1	3.325	3.325
31444	68111	Antimony	1	5.72	5.72
31457	68111	Antimony	1	3.145	3.145
31478	68111	Antimony	1	1	1
31517	68111	Antimony	1	3.215	3.215
31583	68111	Antimony	1	2.9	2.9
31603	68111	Antimony	1	3.1	3.1
31607	68111	Antimony	1	3.71	3.71
31615	68111	Antimony	1	3.29	3.29
31695	68111	Antimony	1	1	1
31698	68111	Antimony	1	1	1
31733	68111	Antimony	1	1	1
31740	68111	Antimony	1	1	1
31799	68111	Antimony	1	1	1
31803	68111	Antimony	1	3.34	3.34
31823	68111	Antimony	1	3.9	3.9
31850	68111	Antimony	1	1	1
31853	68111	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31854	68111	Antimony	1	3.595	3.595
31858	68111	Antimony	1	1	1
31868	68111	Antimony	1	3.85	3.85
31871	68111	Antimony	1	1	1
31882	68111	Antimony	1	1	1
31887	68111	Antimony	1	3.3	3.3
31896	68111	Antimony	1	1	1
31899	68111	Antimony	1	1	1
31911	68111	Antimony	1	1	1
31925	68111	Antimony	1	3	3
31936	68111	Antimony	1	1	1
31964	68111	Antimony	1	1	1
31965	68111	Antimony	1	2.79	2.79
31977	68111	Antimony	1	3.155	3.155
31986	68111	Antimony	1	3.74	3.74
32001	68111	Antimony	1	1.2	1.2
32016	68111	Antimony	1	1	1
32021	68111	Antimony	1	3.27	3.27
32022	68111	Antimony	1	3.845	3.845
32040	68111	Antimony	1	1	1
32046	68111	Antimony	1	1	1
32049	68111	Antimony	1	1.05	1.05
32070	68111	Antimony	1	1.05	1.05
32081	68111	Antimony	1	1	1
32089	68111	Antimony	1	1	1
32092	68111	Antimony	1	4.6	4.6
32153	68111	Antimony	1	3.125	3.125
32162	68111	Antimony	1	1	1
32168	68111	Antimony	1	3.465	3.465
32208	68111	Antimony	1	3.135	3.135
32228	68111	Antimony	1	1	1
32252	68111	Antimony	1	1	1
32256	68111	Antimony	1	3.355	3.355
32261	68111	Antimony	1	2.63	2.63
32267	68111	Antimony	1	1	1
32276	68111	Antimony	1	3.27	3.27
32277	68111	Antimony	1	4.06	4.06
32283	68111	Antimony	1	3.395	3.395
32284	68111	Antimony	1	1.15	1.15
32287	68111	Antimony	1	1	1
32293	68111	Antimony	1	4.05	4.05
32311	68111	Antimony	1	1	1
32316	68111	Antimony	1	1	1
32325	68111	Antimony	1	3.32	3.32
32346	68111	Antimony	1	3.3	3.3
32414	68111	Antimony	1	3.96	3.96
32418	68111	Antimony	1	4.26	4.26

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32428	68111	Antimony	1	1	1
32429	68111	Antimony	1	2.84	2.84
32441	68111	Antimony	1	1	1
32444	68111	Antimony	1	1	1
32455	68111	Antimony	1	1	1
32456	68111	Antimony	1	1	1
32458	68111	Antimony	1	2.4	2.4
32497	68111	Antimony	1	5.71	5.71
32539	68111	Antimony	1	3.135	3.135
32547	68111	Antimony	1	3.43	3.43
32562	68111	Antimony	1	3.465	3.465
32581	68111	Antimony	1	1	1
32596	68111	Antimony	1	3.83	3.83
32633	68111	Antimony	1	3.185	3.185
32673	68111	Antimony	1	1	1
32678	68111	Antimony	1	1	1
32686	68111	Antimony	1	11.3	11.3
32696	68111	Antimony	1	1	1
32702	68111	Antimony	1	7.5	7.5
32708	68111	Antimony	1	3.145	3.145
32736	68111	Antimony	1	3.715	3.715
32775	68111	Antimony	1	1	1
32780	68111	Antimony	1	1	1
32783	68111	Antimony	1	3.185	3.185
32818	68111	Antimony	1	3.38	3.38
32847	68111	Antimony	1	1	1
32851	68111	Antimony	1	3.585	3.585
32852	68111	Antimony	1	3.15	3.15
32874	68111	Antimony	1	1	1
32876	68111	Antimony	1	8.91	8.91
32891	68111	Antimony	1	1	1
32896	68111	Antimony	1	1	1
32912	68111	Antimony	1	3.15	3.15
32914	68111	Antimony	1	1.1	1.1
32931	68111	Antimony	1	1	1
32940	68111	Antimony	1	3.215	3.215
32949	68111	Antimony	1	1	1
32968	68111	Antimony	1	1	1
32972	68111	Antimony	1	1	1
32973	68111	Antimony	1	2.34	2.34
32974	68111	Antimony	1	1	1
32989	68111	Antimony	1	4.35	4.35
33009	68111	Antimony	1	1	1
33012	68111	Antimony	1	4.3	4.3
33014	68111	Antimony	1	1	1
33036	68111	Antimony	1	2.55	2.55
33037	68111	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33042	68111	Antimony	1	3.21	3.21
33043	68111	Antimony	1	1.25	1.25
33060	68111	Antimony	1	1	1
33062	68111	Antimony	1	4.93	4.93
33120	68111	Antimony	1	1	1
33177	68111	Antimony	1	1	1
33207	68111	Antimony	1	3.365	3.365
33296	68111	Antimony	1	1	1
33314	68111	Antimony	1	3.415	3.415
33317	68111	Antimony	1	1	1
33350	68111	Antimony	1	1	1
33372	68111	Antimony	1	5	5
33392	68111	Antimony	1	1	1
33456	68111	Antimony	1	3.13	3.13
33480	68111	Antimony	1	3.405	3.405
33492	68111	Antimony	1	2.35	2.35
33600	68111	Antimony	1	3.085	3.085
33607	68111	Antimony	1	1	1
33630	68111	Antimony	1	3.16	3.16
33631	68111	Antimony	1	2.39	2.39
33647	68111	Antimony	1	1	1
33696	68111	Antimony	1	3.52	3.52
33711	68111	Antimony	1	3.025	3.025
33741	68111	Antimony	1	3.23	3.23
33772	68111	Antimony	1	3.215	3.215
33803	68111	Antimony	1	3.155	3.155
33805	68111	Antimony	1	1	1
33806	68111	Antimony	1	1	1
33831	68111	Antimony	1	3.455	3.455
33833	68111	Antimony	1	3.37	3.37
33856	68111	Antimony	1	1	1
33863	68111	Antimony	1	3.02	3.02
33875	68111	Antimony	1	5	5
33903	68111	Antimony	1	3.235	3.235
33915	68111	Antimony	1	3.065	3.065
33947	68111	Antimony	1	1	1
33997	68111	Antimony	1	4.39	4.39
34040	68111	Antimony	1	1	1
34059	68111	Antimony	1	1	1
34060	68111	Antimony	1	2.32	2.32
34075	68111	Antimony	1	5.95	5.95
34088	68111	Antimony	1	3.19	3.19
34126	68111	Antimony	1	6.55	6.55
34128	68111	Antimony	1	3.465	3.465
34142	68111	Antimony	1	3.95	3.95
34173	68111	Antimony	1	3.355	3.355
34179	68111	Antimony	1	4.69	4.69

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34200	68111	Antimony	1	3.2	3.2
34219	68111	Antimony	1	1.15	1.15
34222	68111	Antimony	1	4.7	4.7
34224	68111	Antimony	1	3.4	3.4
34225	68111	Antimony	1	4.98	4.98
34247	68111	Antimony	1	2.28	2.28
34251	68111	Antimony	1	1	1
34255	68111	Antimony	1	6.34	6.34
34257	68111	Antimony	1	1	1
34320	68111	Antimony	1	3.785	3.785
34371	68111	Antimony	1	3.425	3.425
34377	68111	Antimony	1	2	2
34387	68111	Antimony	1	3.37	3.37
34396	68111	Antimony	1	1.15	1.15
34444	68111	Antimony	1	1	1
34478	68111	Antimony	1	3.735	3.735
34503	68111	Antimony	1	6.73	6.73
34560	68111	Antimony	1	1.15	1.15
34562	68111	Antimony	1	3.03	3.03
34595	68111	Antimony	1	1.2	1.2
34621	68111	Antimony	1	1	1
34626	68111	Antimony	1	1	1
34639	68111	Antimony	1	3.31	3.31
34669	68111	Antimony	1	1	1
34691	68111	Antimony	1	3.09	3.09
34703	68111	Antimony	1	1	1
34766	68111	Antimony	1	1	1
34778	68111	Antimony	1	2	2
34888	68111	Antimony	1	9	9
34892	68111	Antimony	1	3.335	3.335
34904	68111	Antimony	1	2.98	2.98
34917	68111	Antimony	1	1.05	1.05
34923	68111	Antimony	1	4.3	4.3
34936	68111	Antimony	1	3.36	3.36
34948	68111	Antimony	1	8.93	8.93
34985	68111	Antimony	1	1.15	1.15
34999	68111	Antimony	1	3.455	3.455
35003	68111	Antimony	1	4.6	4.6
35042	68111	Antimony	1	3.2	3.2
35043	68111	Antimony	1	3.41	3.41
35095	68111	Antimony	1	2.12	2.12
35137	68111	Antimony	1	2.95	2.95
35152	68111	Antimony	1	5.14	5.14
35223	68111	Antimony	1	3.67	3.67
35233	68111	Antimony	1	3.735	3.735
35242	68111	Antimony	1	3.92	3.92
35252	68111	Antimony	1	3.465	3.465

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35273	68111	Antimony	1	4.62	4.62
35285	68111	Antimony	1	3.7	3.7
35287	68111	Antimony	1	1	1
35288	68111	Antimony	1	3.705	3.705
35290	68111	Antimony	1	3.26	3.26
35350	68111	Antimony	1	2.13	2.13
35404	68111	Antimony	1	1.3	1.3
35417	68111	Antimony	1	3	3
35458	68111	Antimony	1	3.49	3.49
35495	68111	Antimony	1	4.53	4.53
35503	68111	Antimony	1	1	1
35513	68111	Antimony	1	2.05	2.05
35517	68111	Antimony	1	1.25	1.25
35536	68111	Antimony	1	2.63	2.63
35575	68111	Antimony	1	3.19	3.19
35614	68111	Antimony	1	3.715	3.715
35821	68111	Antimony	1	3.55	3.55
35822	68111	Antimony	1	3.485	3.485
35826	68111	Antimony	1	6.19	6.19
35830	68111	Antimony	1	2.8	2.8
35877	68111	Antimony	1	5.8	5.8
35921	68111	Antimony	1	2.43	2.43
35935	68111	Antimony	1	1	1
35943	68111	Antimony	1	9.88	9.88
35947	68111	Antimony	1	1	1
35964	68111	Antimony	1	3.1	3.1
35969	68111	Antimony	1	5.74	5.74
36000	68111	Antimony	1	6.64	6.64
36007	68111	Antimony	1	4.94	4.94
36015	68111	Antimony	1	0.95	0.95
36024	68111	Antimony	1	3.67	3.67
36040	68111	Antimony	1	3.26	3.26
36046	68111	Antimony	1	8.11	8.11
36072	68111	Antimony	1	2.82	2.82
36093	68111	Antimony	1	1	1
36116	68111	Antimony	1	1	1
36138	68111	Antimony	1	1.05	1.05
36167	68111	Antimony	1	2.25	2.25
36194	68111	Antimony	1	3.185	3.185
36212	68111	Antimony	1	3.24	3.24
36246	68111	Antimony	1	76.9	76.9
36251	68111	Antimony	1	3.42	3.42
36257	68111	Antimony	1	1	1
36259	68111	Antimony	1	3.32	3.32
36269	68111	Antimony	1	3.415	3.415
36325	68111	Antimony	1	2.98	2.98
36356	68111	Antimony	1	3.58	3.58

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36408	68111	Antimony	1	3.65	3.65
36410	68111	Antimony	1	1	1
36427	68111	Antimony	1	3	3
36464	68111	Antimony	1	3.49	3.49
36557	68111	Antimony	1	3.415	3.415
36574	68111	Antimony	1	1.05	1.05
36656	68111	Antimony	1	4.1	4.1
36679	68111	Antimony	1	1.2	1.2
36701	68111	Antimony	1	2.995	2.995
36706	68111	Antimony	1	3.13	3.13
36936	68111	Antimony	1	3.155	3.155
37023	68111	Antimony	1	4.73	4.73
37025	68111	Antimony	1	2.18	2.18
37031	68111	Antimony	1	5.1	5.1
37036	68111	Antimony	1	1.15	1.15
37049	68111	Antimony	1	3.5	3.5
37087	68111	Antimony	1	2.81	2.81
37097	68111	Antimony	1	1.1	1.1
37156	68111	Antimony	1	3.51	3.51
37189	68111	Antimony	1	2.955	2.955
37193	68111	Antimony	1	3.275	3.275
37210	68111	Antimony	1	3.44	3.44
37219	68111	Antimony	1	1	1
37223	68111	Antimony	1	3.62	3.62
37226	68111	Antimony	1	1	1
37276	68111	Antimony	1	8.38	8.38
37361	68111	Antimony	1	3.165	3.165
37402	68111	Antimony	1	3.12	3.12
37465	68111	Antimony	1	3.195	3.195
37684	68111	Antimony	1	3.48	3.48
37738	68111	Antimony	1	3.19	3.19
37756	68111	Antimony	1	1.2	1.2
37907	68111	Antimony	2	3.3725	3.465
37934	68111	Antimony	1	3.255	3.255
38007	68111	Antimony	1	1.05	1.05
38054	68111	Antimony	1	1	1
38066	68111	Antimony	1	3.365	3.365
38087	68111	Antimony	1	3.06	3.06
38253	68111	Antimony	1	3.14	3.14
38261	68111	Antimony	1	2.45	2.45
38269	68111	Antimony	1	1.15	1.15
38300	68111	Antimony	1	4.22	4.22
38383	68111	Antimony	1	1	1
38407	68111	Antimony	1	3.1	3.1
38439	68111	Antimony	1	3.35	3.35
38446	68111	Antimony	1	3.69	3.69
38585	68111	Antimony	1	4	4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38587	68111	Antimony	1	1	1
38759	68111	Antimony	1	4	4
38780	68111	Antimony	1	1	1
38864	68111	Antimony	1	1	1
49203	68111	Antimony	1	1	1
49313	68111	Antimony	1	3.13	3.13
49314	68111	Antimony	1	3.38	3.38
49319	68111	Antimony	1	1.1	1.1
49341	68111	Antimony	1	3.07	3.07
49345	68111	Antimony	1	1.05	1.05
49354	68111	Antimony	1	1.1	1.1
50107	68111	Antimony	1	1	1
50120	68111	Antimony	1	1	1
50146	68111	Antimony	1	1	1
50356	68111	Antimony	1	1	1
50404	68111	Antimony	1	1	1
50410	68111	Antimony	1	1	1
50417	68111	Antimony	1	1	1
50424	68111	Antimony	1	3.58	3.58
50434	68111	Antimony	1	3.905	3.905
50447	68111	Antimony	1	3.095	3.095
63239	68111	Antimony	1	1.1	1.1
63751	68111	Antimony	1	0.95	0.95
68070	68111	Antimony	1	3.5	3.5
68686	68111	Antimony	1	1.05	1.05
73862	68111	Antimony	1	1.15	1.15
74664	68111	Antimony	1	1.05	1.05
75011	68111	Antimony	1	3.795	3.795
77146	68111	Antimony	1	1	1
79703	68111	Antimony	1	1.15	1.15
79704	68111	Antimony	1	2.8	2.8
87761	68111	Antimony	1	3.555	3.555
89893	68111	Antimony	1	0.85	0.85
90107	68111	Antimony	1	1.1	1.1
91234	68111	Antimony	1	1.1	1.1
91335	68111	Antimony	1	1.1	1.1
91926	68111	Antimony	1	1.1	1.1
2269	68112	Antimony	1	1	1
39755	68112	Antimony	1	3.53	3.53
39951	68112	Antimony	1	3.22	3.22
40194	68112	Antimony	1	1	1
40523	68112	Antimony	1	3.595	3.595
40879	68112	Antimony	1	3.29	3.29
2097	68131	Antimony	1	1	1
2156	68131	Antimony	1	1	1
2165	68131	Antimony	1	4.3	4.3
5037	68131	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5150	68131	Antimony	1	1	1
5153	68131	Antimony	1	1	1
5186	68131	Antimony	1	1	1
5188	68131	Antimony	1	1	1
5195	68131	Antimony	1	1	1
5197	68131	Antimony	1	1	1
5260	68131	Antimony	1	1	1
5272	68131	Antimony	1	1	1
5278	68131	Antimony	1	1	1
5298	68131	Antimony	1	1	1
5377	68131	Antimony	1	1.22	1.22
5379	68131	Antimony	1	3.13	3.13
5380	68131	Antimony	1	1.105	1.105
22856	68131	Antimony	1	1.285	1.285
23003	68131	Antimony	1	5.81	5.81
23016	68131	Antimony	1	2.9	2.9
23028	68131	Antimony	1	1	1
23072	68131	Antimony	1	3.89	3.89
23093	68131	Antimony	1	1.05	1.05
23144	68131	Antimony	1	3.66	3.66
23145	68131	Antimony	1	4	4
23150	68131	Antimony	1	1	1
23153	68131	Antimony	1	1	1
23211	68131	Antimony	1	3.26	3.26
23237	68131	Antimony	1	3.345	3.345
23274	68131	Antimony	1	1.05	1.05
23280	68131	Antimony	1	1	1
23301	68131	Antimony	1	2.57	2.57
23344	68131	Antimony	1	3.4	3.4
23379	68131	Antimony	1	3.155	3.155
23399	68131	Antimony	1	3.265	3.265
23425	68131	Antimony	1	7.58	7.58
23433	68131	Antimony	1	1.05	1.05
23460	68131	Antimony	1	1	1
23532	68131	Antimony	1	1	1
23537	68131	Antimony	1	10.5	10.5
23539	68131	Antimony	1	3.2	3.2
23577	68131	Antimony	1	3.095	3.095
23580	68131	Antimony	1	7.29	7.29
23584	68131	Antimony	1	1	1
23586	68131	Antimony	1	1	1
23611	68131	Antimony	1	3.085	3.085
23634	68131	Antimony	1	2.8	2.8
23673	68131	Antimony	1	1	1
23675	68131	Antimony	1	3.355	3.355
23700	68131	Antimony	1	1	1
23742	68131	Antimony	1	1.2	1.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23786	68131	Antimony	1	1.1	1.1
23788	68131	Antimony	1	4.27	4.27
23790	68131	Antimony	1	3.09	3.09
23817	68131	Antimony	1	3.2	3.2
23822	68131	Antimony	1	2.66	2.66
23824	68131	Antimony	1	3.155	3.155
23845	68131	Antimony	1	1	1
23872	68131	Antimony	1	1	1
23895	68131	Antimony	1	1	1
23899	68131	Antimony	1	1	1
23922	68131	Antimony	1	3.07	3.07
23961	68131	Antimony	1	1	1
23967	68131	Antimony	1	3.38	3.38
23985	68131	Antimony	1	1	1
23986	68131	Antimony	1	19.1	19.1
24000	68131	Antimony	1	1	1
24010	68131	Antimony	1	1	1
24019	68131	Antimony	1	1	1
24027	68131	Antimony	1	5.39	5.39
24098	68131	Antimony	1	6.12	6.12
24109	68131	Antimony	1	1	1
24119	68131	Antimony	1	3.16	3.16
24126	68131	Antimony	1	1	1
24132	68131	Antimony	1	3.335	3.335
24141	68131	Antimony	1	1	1
24156	68131	Antimony	1	7.72	7.72
24162	68131	Antimony	1	1	1
24182	68131	Antimony	1	3.095	3.095
24190	68131	Antimony	1	3.28	3.28
24214	68131	Antimony	1	2.37	2.37
24240	68131	Antimony	1	1	1
24272	68131	Antimony	1	1	1
24274	68131	Antimony	1	1	1
24277	68131	Antimony	1	1	1
24334	68131	Antimony	1	1	1
24348	68131	Antimony	1	6.73	6.73
24357	68131	Antimony	1	4.74	4.74
24358	68131	Antimony	1	5.62	5.62
24367	68131	Antimony	1	1	1
24370	68131	Antimony	1	4.53	4.53
24374	68131	Antimony	1	4.68	4.68
24376	68131	Antimony	1	3.425	3.425
24390	68131	Antimony	1	1	1
24396	68131	Antimony	1	1.15	1.15
24411	68131	Antimony	1	3.615	3.615
24451	68131	Antimony	1	3.49	3.49
24457	68131	Antimony	1	3.405	3.405

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24577	68131	Antimony	1	1	1
24601	68131	Antimony	1	2.6	2.6
24605	68131	Antimony	1	3.36	3.36
24635	68131	Antimony	1	3.37	3.37
24640	68131	Antimony	1	3.305	3.305
24655	68131	Antimony	1	3.075	3.075
24674	68131	Antimony	1	3.22	3.22
24692	68131	Antimony	1	1	1
24693	68131	Antimony	1	3.28	3.28
24703	68131	Antimony	1	2.84	2.84
24740	68131	Antimony	1	3.715	3.715
24751	68131	Antimony	1	4.38	4.38
24757	68131	Antimony	1	1	1
24768	68131	Antimony	1	1.05	1.05
24794	68131	Antimony	1	1	1
24800	68131	Antimony	1	3.64	3.64
24808	68131	Antimony	1	1	1
24887	68131	Antimony	1	4.29	4.29
24896	68131	Antimony	1	1	1
24931	68131	Antimony	1	1	1
24958	68131	Antimony	1	4.62	4.62
24962	68131	Antimony	1	3.18	3.18
24964	68131	Antimony	1	3.135	3.135
25005	68131	Antimony	1	3.21	3.21
25009	68131	Antimony	1	2.73	2.73
25061	68131	Antimony	1	3.305	3.305
25063	68131	Antimony	1	3.26	3.26
25078	68131	Antimony	1	3.745	3.745
25096	68131	Antimony	1	3.365	3.365
25130	68131	Antimony	1	1	1
25133	68131	Antimony	1	1	1
25137	68131	Antimony	1	4.33	4.33
25167	68131	Antimony	1	3.29	3.29
25185	68131	Antimony	1	4.35	4.35
25189	68131	Antimony	1	3.09	3.09
25193	68131	Antimony	1	1	1
25202	68131	Antimony	1	3.195	3.195
25204	68131	Antimony	1	3.44	3.44
25231	68131	Antimony	1	1	1
25242	68131	Antimony	1	1	1
25281	68131	Antimony	1	3.52	3.52
25285	68131	Antimony	1	1	1
25296	68131	Antimony	1	3.18	3.18
25315	68131	Antimony	1	3.51	3.51
25324	68131	Antimony	1	3.385	3.385
25329	68131	Antimony	1	2.26	2.26
25331	68131	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25335	68131	Antimony	1	1.05	1.05
25337	68131	Antimony	1	3.2	3.2
25385	68131	Antimony	1	3.28	3.28
25391	68131	Antimony	1	2.33	2.33
25410	68131	Antimony	1	1	1
25425	68131	Antimony	1	2.26	2.26
25456	68131	Antimony	1	3.1	3.1
25547	68131	Antimony	1	3.37	3.37
25554	68131	Antimony	1	3	3
25558	68131	Antimony	1	1	1
25579	68131	Antimony	1	3.635	3.635
25604	68131	Antimony	1	3.475	3.475
25607	68131	Antimony	1	3.57	3.57
25634	68131	Antimony	1	1	1
25657	68131	Antimony	1	1	1
50446	68131	Antimony	1	1	1
89514	68131	Antimony	1	1.05	1.05
93114	68131	Antimony	1	3.3	3.3
93413	68131	Antimony	1	1	1
93419	68131	Antimony	1	1	1
5139	68132	Antimony	1	1	1
5140	68132	Antimony	1	2.08	2.08
5313	68132	Antimony	1	1	1
5317	68132	Antimony	1	1	1
49490	68132	Antimony	1	3.35	3.35
49500	68132	Antimony	1	1	1
49505	68132	Antimony	1	3.435	3.435
49521	68132	Antimony	1	1.05	1.05
49544	68132	Antimony	1	3.305	3.305
49558	68132	Antimony	1	1	1
49578	68132	Antimony	1	3.435	3.435
49618	68132	Antimony	1	1	1
49625	68132	Antimony	1	3.145	3.145
49627	68132	Antimony	1	3.14	3.14
49628	68132	Antimony	1	1.1	1.1
49642	68132	Antimony	1	3.51	3.51
49663	68132	Antimony	1	3.28	3.28
49671	68132	Antimony	1	3.355	3.355
49672	68132	Antimony	1	1	1
49676	68132	Antimony	1	3.365	3.365
49678	68132	Antimony	1	3.365	3.365
49682	68132	Antimony	1	1.05	1.05
49697	68132	Antimony	1	3.34	3.34
49701	68132	Antimony	1	1	1
49704	68132	Antimony	1	1.15	1.15
49716	68132	Antimony	1	1	1
49717	68132	Antimony	1	1.05	1.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49724	68132	Antimony	1	3.2	3.2
49725	68132	Antimony	1	3.58	3.58
49726	68132	Antimony	1	1	1
49727	68132	Antimony	1	3.75	3.75
49736	68132	Antimony	1	0.95	0.95
49739	68132	Antimony	1	1	1
49759	68132	Antimony	1	1	1
49760	68132	Antimony	1	1	1
49774	68132	Antimony	1	3.175	3.175
49781	68132	Antimony	1	3.05	3.05
49783	68132	Antimony	1	3.365	3.365
49793	68132	Antimony	1	1.31	1.31
49800	68132	Antimony	1	2.925	2.925
49806	68132	Antimony	1	2.95	2.95
49812	68132	Antimony	1	3.365	3.365
49819	68132	Antimony	1	3.22	3.22
49833	68132	Antimony	1	3.45	3.45
49846	68132	Antimony	1	3.475	3.475
49852	68132	Antimony	1	3.04	3.04
49853	68132	Antimony	1	3	3
49855	68132	Antimony	1	3.52	3.52
49863	68132	Antimony	1	3.36	3.36
49884	68132	Antimony	1	3.31	3.31
49902	68132	Antimony	1	3.73	3.73
49911	68132	Antimony	1	3.28	3.28
49913	68132	Antimony	1	3.32	3.32
49918	68132	Antimony	1	1	1
49922	68132	Antimony	1	3.415	3.415
49929	68132	Antimony	1	3.275	3.275
49936	68132	Antimony	1	1	1
49941	68132	Antimony	1	1	1
49943	68132	Antimony	1	1	1
49953	68132	Antimony	1	3.265	3.265
49956	68132	Antimony	1	3.515	3.515
49958	68132	Antimony	1	3.735	3.735
49961	68132	Antimony	1	3.48	3.48
49971	68132	Antimony	1	3.23	3.23
49974	68132	Antimony	1	1	1
49986	68132	Antimony	1	3.465	3.465
49994	68132	Antimony	1	1	1
49995	68132	Antimony	1	6.4	6.4
50479	68132	Antimony	1	3.11	3.11
50484	68132	Antimony	1	1	1
50485	68132	Antimony	1	1	1
50536	68132	Antimony	1	3.42	3.42
51190	68132	Antimony	1	1	1
51214	68132	Antimony	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51217	68132	Antimony	1	1	1
51225	68132	Antimony	1	3.42	3.42
51228	68132	Antimony	1	1	1
51234	68132	Antimony	1	5.4	5.4
51256	68132	Antimony	1	1	1
51263	68132	Antimony	1	1	1
51270	68132	Antimony	1	1	1
51278	68132	Antimony	1	3.565	3.565
51280	68132	Antimony	1	3.27	3.27
51327	68132	Antimony	1	1	1
51349	68132	Antimony	1	2.89	2.89
51361	68132	Antimony	1	3.255	3.255
51369	68132	Antimony	1	3.14	3.14
51381	68132	Antimony	1	0.95	0.95
51391	68132	Antimony	1	1	1
51392	68132	Antimony	1	3.14	3.14
51394	68132	Antimony	1	3.435	3.435
51401	68132	Antimony	1	0.95	0.95
51412	68132	Antimony	1	0.95	0.95
51437	68132	Antimony	1	3.55	3.55
51440	68132	Antimony	1	1	1
51457	68132	Antimony	1	3.78	3.78
51483	68132	Antimony	1	3.175	3.175
51492	68132	Antimony	1	3.38	3.38
51504	68132	Antimony	1	4.9	4.9
51512	68132	Antimony	1	1	1
51519	68132	Antimony	1	3.235	3.235
51525	68132	Antimony	1	1.05	1.05
51544	68132	Antimony	1	1.1	1.1
51546	68132	Antimony	1	1	1
51551	68132	Antimony	1	1	1
51569	68132	Antimony	1	1	1
51587	68132	Antimony	1	3.255	3.255
51588	68132	Antimony	1	1.05	1.05
51598	68132	Antimony	1	3.255	3.255
51600	68132	Antimony	1	3.495	3.495
51607	68132	Antimony	1	1	1
51630	68132	Antimony	1	0.95	0.95
51640	68132	Antimony	1	3.115	3.115
51645	68132	Antimony	1	3.5	3.5
51646	68132	Antimony	1	3.42	3.42
51659	68132	Antimony	1	3.58	3.58
51667	68132	Antimony	1	1	1
51671	68132	Antimony	1	3.615	3.615
51676	68132	Antimony	1	1	1
51705	68132	Antimony	1	1	1
51706	68132	Antimony	1	3.655	3.655

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51708	68132	Antimony	1	1	1
51710	68132	Antimony	1	5.4	5.4
51712	68132	Antimony	1	3.565	3.565
51735	68132	Antimony	1	1	1
51750	68132	Antimony	1	3.7	3.7
51752	68132	Antimony	1	4.54	4.54
51767	68132	Antimony	1	3.27	3.27
51769	68132	Antimony	1	3.58	3.58
51779	68132	Antimony	1	1	1
51780	68132	Antimony	1	4.1	4.1
51785	68132	Antimony	1	1	1
51790	68132	Antimony	1	3.415	3.415
51800	68132	Antimony	1	1	1
51803	68132	Antimony	1	1	1
51805	68132	Antimony	1	1.05	1.05
51807	68132	Antimony	1	1.05	1.05
51808	68132	Antimony	1	3.04	3.04
51820	68132	Antimony	1	1	1
51829	68132	Antimony	1	1	1
51840	68132	Antimony	1	1	1
51844	68132	Antimony	1	1.2	1.2
51846	68132	Antimony	1	4.4	4.4
51847	68132	Antimony	1	4.7	4.7
51854	68132	Antimony	1	3.355	3.355
51855	68132	Antimony	1	1	1
51857	68132	Antimony	1	1	1
51861	68132	Antimony	1	3.21	3.21
51863	68132	Antimony	1	1	1
51866	68132	Antimony	1	3.63	3.63
51872	68132	Antimony	1	4.06	4.06
51897	68132	Antimony	1	1	1
51918	68132	Antimony	1	3.335	3.335
51921	68132	Antimony	1	3.19	3.19
51946	68132	Antimony	1	1.1	1.1
51949	68132	Antimony	1	1	1
51959	68132	Antimony	1	2.855	2.855
51960	68132	Antimony	1	1.1	1.1
51972	68132	Antimony	1	1	1
51990	68132	Antimony	1	1.1	1.1
51997	68132	Antimony	1	1	1
52023	68132	Antimony	1	1	1
52035	68132	Antimony	1	1	1
52046	68132	Antimony	1	4.2	4.2
52054	68132	Antimony	1	1	1
52059	68132	Antimony	1	0.95	0.95
52075	68132	Antimony	1	3.34	3.34
52078	68132	Antimony	1	3.31	3.31

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52080	68132	Antimony	1	3.53	3.53
52085	68132	Antimony	1	3.345	3.345
52090	68132	Antimony	1	3.315	3.315
52091	68132	Antimony	1	1	1
52097	68132	Antimony	1	3.32	3.32
52101	68132	Antimony	1	3.2	3.2
52106	68132	Antimony	1	1	1
52112	68132	Antimony	1	3.2	3.2
52119	68132	Antimony	1	1.365	1.365
52122	68132	Antimony	1	0.95	0.95
52128	68132	Antimony	1	1.25	1.25
52129	68132	Antimony	1	1	1
52137	68132	Antimony	1	3.55	3.55
52140	68132	Antimony	1	3.525	3.525
52141	68132	Antimony	1	1	1
52150	68132	Antimony	1	3.465	3.465
52155	68132	Antimony	2	1.075	1.1
52158	68132	Antimony	1	1	1
52166	68132	Antimony	1	1	1
52167	68132	Antimony	1	3.175	3.175
52177	68132	Antimony	1	1	1
52178	68132	Antimony	1	1	1
52181	68132	Antimony	1	1	1
52186	68132	Antimony	1	1	1
52187	68132	Antimony	1	1	1
52190	68132	Antimony	1	3.395	3.395
52192	68132	Antimony	1	1.1	1.1
52198	68132	Antimony	1	0.9	0.9
52202	68132	Antimony	1	3.27	3.27
52206	68132	Antimony	1	1	1
52214	68132	Antimony	1	3.685	3.685
52226	68132	Antimony	1	1	1
52228	68132	Antimony	1	3.48	3.48
52243	68132	Antimony	1	2.32	2.32
52244	68132	Antimony	1	1.05	1.05
52246	68132	Antimony	1	3.245	3.245
52327	68132	Antimony	1	1	1
52336	68132	Antimony	1	1	1
52356	68132	Antimony	1	1.02	1.02
52357	68132	Antimony	1	1.25	1.25
52367	68132	Antimony	1	3.575	3.575
52378	68132	Antimony	1	3.4	3.4
52386	68132	Antimony	1	1.15	1.15
52387	68132	Antimony	1	3.27	3.27
52411	68132	Antimony	1	3.355	3.355
63007	68132	Antimony	1	1.05	1.05
66781	68132	Antimony	1	1.1	1.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
66791	68132	Antimony	1	0.95	0.95
92431	68132	Antimony	1	1.15	1.15
22493	68102	Arsenic	1	13.9	13.9
25567	68102	Arsenic	1	10	10
25717	68102	Arsenic	1	3.635	3.635
25720	68102	Arsenic	1	12.1	12.1
25914	68102	Arsenic	1	11.7	11.7
90101	68102	Arsenic	1	9.6	9.6
2133	68104	Arsenic	1	2.5	2.5
5026	68104	Arsenic	1	42.7	42.7
5143	68104	Arsenic	1	404	404
5144	68104	Arsenic	1	11.7	11.7
5145	68104	Arsenic	1	6.95	6.95
5147	68104	Arsenic	1	14	14
50647	68104	Arsenic	1	10.7	10.7
1626	68105	Arsenic	1	11	11
2229	68105	Arsenic	1	9.52	9.52
2299	68105	Arsenic	1	17.3	17.3
2300	68105	Arsenic	1	9.54	9.54
2308	68105	Arsenic	1	10.8	10.8
2441	68105	Arsenic	1	8.94	8.94
2448	68105	Arsenic	1	4.325	4.325
2465	68105	Arsenic	1	67	67
3076	68105	Arsenic	1	14.3	14.3
3118	68105	Arsenic	1	11.1	11.1
5054	68105	Arsenic	1	2.5	2.5
5057	68105	Arsenic	1	48.1	48.1
5105	68105	Arsenic	1	9.04	9.04
5109	68105	Arsenic	1	15	15
5110	68105	Arsenic	1	36	36
5112	68105	Arsenic	1	34.2	34.2
5117	68105	Arsenic	1	28.8	28.8
5123	68105	Arsenic	1	33.4	33.4
5128	68105	Arsenic	1	28.6	28.6
5129	68105	Arsenic	1	9.52	9.52
5132	68105	Arsenic	1	54.8	54.8
5134	68105	Arsenic	1	10.4	10.4
5325	68105	Arsenic	1	10.3	10.3
5338	68105	Arsenic	1	11.3	11.3
5347	68105	Arsenic	1	14.1	14.1
5351	68105	Arsenic	1	0.2565	0.2565
5352	68105	Arsenic	1	53.1	53.1
5355	68105	Arsenic	1	255	255
5356	68105	Arsenic	1	11.2	11.2
5357	68105	Arsenic	1	12.9	12.9
5359	68105	Arsenic	1	11.1	11.1
5361	68105	Arsenic	1	12.7	12.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5363	68105	Arsenic	1	37.4	37.4
5364	68105	Arsenic	1	207	207
5365	68105	Arsenic	1	49.1	49.1
5367	68105	Arsenic	1	11.4	11.4
5486	68105	Arsenic	1	9.45	9.45
5488	68105	Arsenic	1	82.7	82.7
5489	68105	Arsenic	1	79.8	79.8
5495	68105	Arsenic	1	25.6	25.6
5509	68105	Arsenic	1	10.7	10.7
5610	68105	Arsenic	1	54.4	54.4
12784	68105	Arsenic	1	2.5	2.5
12864	68105	Arsenic	1	9	9
12875	68105	Arsenic	1	10.9	10.9
12886	68105	Arsenic	1	8.94	8.94
12964	68105	Arsenic	1	11.3	11.3
12995	68105	Arsenic	1	44.4	44.4
13069	68105	Arsenic	1	41.8	41.8
13073	68105	Arsenic	1	17.9	17.9
13092	68105	Arsenic	1	41.3	41.3
13166	68105	Arsenic	1	12.3	12.3
13185	68105	Arsenic	1	19.9	19.9
13187	68105	Arsenic	1	7.5	7.5
13191	68105	Arsenic	1	7.51	7.51
13204	68105	Arsenic	1	13.1	13.1
13209	68105	Arsenic	1	11.1	11.1
13237	68105	Arsenic	1	43.8	43.8
13240	68105	Arsenic	1	2.5	2.5
13245	68105	Arsenic	1	8.71	8.71
13248	68105	Arsenic	1	14.2	14.2
13273	68105	Arsenic	1	64.1	64.1
13283	68105	Arsenic	1	57.2	57.2
13322	68105	Arsenic	1	10.8	10.8
13336	68105	Arsenic	1	184	184
13370	68105	Arsenic	1	13.3	13.3
13381	68105	Arsenic	1	7.7	7.7
13389	68105	Arsenic	1	111	111
13403	68105	Arsenic	1	7.68	7.68
13437	68105	Arsenic	1	11.3	11.3
13438	68105	Arsenic	1	9.75	9.75
13460	68105	Arsenic	1	2.5	2.5
13476	68105	Arsenic	1	11.6	11.6
13573	68105	Arsenic	1	14.1	14.1
13577	68105	Arsenic	1	11.9	11.9
13611	68105	Arsenic	1	12.2	12.2
13656	68105	Arsenic	1	8.24	8.24
13690	68105	Arsenic	1	10.6	10.6
13731	68105	Arsenic	1	12.9	12.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13735	68105	Arsenic	1	10.5	10.5
13741	68105	Arsenic	1	45	45
13745	68105	Arsenic	1	15	15
13779	68105	Arsenic	1	9.95	9.95
13790	68105	Arsenic	1	10	10
13791	68105	Arsenic	1	9.99	9.99
13793	68105	Arsenic	1	13.5	13.5
13851	68105	Arsenic	1	10.6	10.6
13863	68105	Arsenic	1	51.4	51.4
13869	68105	Arsenic	1	13.9	13.9
13871	68105	Arsenic	1	46.1	46.1
13880	68105	Arsenic	1	14.1	14.1
13918	68105	Arsenic	1	6.41	6.41
13919	68105	Arsenic	1	203	203
13935	68105	Arsenic	1	7.1	7.1
13984	68105	Arsenic	1	11.1	11.1
14003	68105	Arsenic	1	5.18	5.18
14024	68105	Arsenic	1	19.5	19.5
14050	68105	Arsenic	1	8.58	8.58
14063	68105	Arsenic	1	8.46	8.46
14080	68105	Arsenic	1	8.54	8.54
14098	68105	Arsenic	1	138	138
14199	68105	Arsenic	1	10.7	10.7
14238	68105	Arsenic	1	12.1	12.1
14322	68105	Arsenic	1	9.3	9.3
14326	68105	Arsenic	1	10.5	10.5
14341	68105	Arsenic	1	137	137
14407	68105	Arsenic	1	9.02	9.02
14410	68105	Arsenic	1	7.57	7.57
14460	68105	Arsenic	1	7.4	7.4
14492	68105	Arsenic	1	9.98	9.98
14525	68105	Arsenic	1	71.3	71.3
14528	68105	Arsenic	1	2.5	2.5
14536	68105	Arsenic	1	25.4	25.4
14544	68105	Arsenic	1	11	11
14556	68105	Arsenic	1	136	136
14557	68105	Arsenic	1	12.3	12.3
14577	68105	Arsenic	1	17.6	17.6
14602	68105	Arsenic	1	17.5	17.5
14647	68105	Arsenic	1	9.22	9.22
14656	68105	Arsenic	1	8.5	8.5
14688	68105	Arsenic	1	92.2	92.2
14718	68105	Arsenic	1	12.4	12.4
14739	68105	Arsenic	1	10	10
14752	68105	Arsenic	1	9.36	9.36
14780	68105	Arsenic	1	53.3	53.3
14817	68105	Arsenic	1	7.85	7.85

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14823	68105	Arsenic	1	11.5	11.5
14860	68105	Arsenic	1	41.8	41.8
14885	68105	Arsenic	1	18.4	18.4
14913	68105	Arsenic	1	6.17	6.17
14959	68105	Arsenic	1	16.5	16.5
14964	68105	Arsenic	1	19.7	19.7
14976	68105	Arsenic	1	12.3	12.3
14992	68105	Arsenic	1	7.51	7.51
15003	68105	Arsenic	1	64.865	64.865
15044	68105	Arsenic	1	11.7	11.7
15045	68105	Arsenic	1	42.6	42.6
15058	68105	Arsenic	1	16.4	16.4
15060	68105	Arsenic	1	13.5	13.5
15091	68105	Arsenic	1	14.4	14.4
15106	68105	Arsenic	1	9.19	9.19
15166	68105	Arsenic	1	233	233
15227	68105	Arsenic	1	9.29	9.29
15231	68105	Arsenic	1	24.5	24.5
15255	68105	Arsenic	1	10.9	10.9
15278	68105	Arsenic	1	8.55	8.55
15279	68105	Arsenic	1	10.7	10.7
15292	68105	Arsenic	1	14.2	14.2
15299	68105	Arsenic	1	13	13
15308	68105	Arsenic	1	8.83	8.83
15317	68105	Arsenic	1	19.5	19.5
15329	68105	Arsenic	1	12	12
15336	68105	Arsenic	1	10.2	10.2
15348	68105	Arsenic	1	11.6	11.6
15363	68105	Arsenic	1	13.9	13.9
15372	68105	Arsenic	1	11.3	11.3
15416	68105	Arsenic	2	12.75	15.2
15496	68105	Arsenic	1	16.7	16.7
15519	68105	Arsenic	1	45.6	45.6
15526	68105	Arsenic	1	7.67	7.67
15577	68105	Arsenic	1	2.5	2.5
15587	68105	Arsenic	1	15.6	15.6
15611	68105	Arsenic	1	7.2	7.2
15651	68105	Arsenic	1	54.5	54.5
15686	68105	Arsenic	1	7.92	7.92
15695	68105	Arsenic	1	5.64	5.64
15728	68105	Arsenic	1	7.3	7.3
15801	68105	Arsenic	1	61	61
15835	68105	Arsenic	1	11.1	11.1
15842	68105	Arsenic	1	13.8	13.8
15871	68105	Arsenic	1	2.5	2.5
15891	68105	Arsenic	1	2.9	2.9
15918	68105	Arsenic	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15959	68105	Arsenic	1	14.8	14.8
15985	68105	Arsenic	1	16.2	16.2
15988	68105	Arsenic	1	8.82	8.82
16027	68105	Arsenic	1	168	168
16072	68105	Arsenic	1	10	10
16094	68105	Arsenic	1	9.2	9.2
16098	68105	Arsenic	1	12.1	12.1
16123	68105	Arsenic	1	13.2	13.2
16155	68105	Arsenic	1	24.3	24.3
16169	68105	Arsenic	1	244	244
16182	68105	Arsenic	1	14.5	14.5
16186	68105	Arsenic	1	14.7	14.7
16230	68105	Arsenic	1	22.1	22.1
16236	68105	Arsenic	1	2.5	2.5
16243	68105	Arsenic	1	90.3	90.3
16271	68105	Arsenic	1	11.8	11.8
16308	68105	Arsenic	1	222	222
16309	68105	Arsenic	1	2.5	2.5
16321	68105	Arsenic	1	13.1	13.1
16333	68105	Arsenic	1	2.5	2.5
16364	68105	Arsenic	1	9.39	9.39
16365	68105	Arsenic	1	6.22	6.22
16384	68105	Arsenic	1	9.9	9.9
16395	68105	Arsenic	1	2.5	2.5
16420	68105	Arsenic	1	12.2	12.2
16472	68105	Arsenic	1	6.05	6.05
16473	68105	Arsenic	1	12.4	12.4
16478	68105	Arsenic	1	17.5	17.5
16486	68105	Arsenic	1	5.49	5.49
16499	68105	Arsenic	1	11.1	11.1
16545	68105	Arsenic	1	7.07	7.07
16572	68105	Arsenic	1	6.39	6.39
16589	68105	Arsenic	1	8	8
16618	68105	Arsenic	1	13.2	13.2
16646	68105	Arsenic	1	36.6	36.6
16668	68105	Arsenic	1	7.74	7.74
16749	68105	Arsenic	1	31.6	31.6
16772	68105	Arsenic	1	9.47	9.47
16777	68105	Arsenic	1	13.9	13.9
16793	68105	Arsenic	1	11.9	11.9
16851	68105	Arsenic	1	8.39	8.39
16866	68105	Arsenic	1	48.2	48.2
16869	68105	Arsenic	1	140	140
16889	68105	Arsenic	1	2.5	2.5
16893	68105	Arsenic	1	7.9	7.9
16922	68105	Arsenic	1	11.8	11.8
16928	68105	Arsenic	1	24.8	24.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16946	68105	Arsenic	1	98.2	98.2
16963	68105	Arsenic	1	7.71	7.71
16974	68105	Arsenic	1	9.61	9.61
17040	68105	Arsenic	1	8.96	8.96
17055	68105	Arsenic	1	8.43	8.43
17065	68105	Arsenic	1	105	105
17076	68105	Arsenic	1	35.4	35.4
17097	68105	Arsenic	1	11.9	11.9
17108	68105	Arsenic	1	7.3	7.3
17142	68105	Arsenic	1	12.9	12.9
17179	68105	Arsenic	1	12.2	12.2
17198	68105	Arsenic	1	20.4	20.4
17199	68105	Arsenic	1	5.84	5.84
17270	68105	Arsenic	1	26.1	26.1
17298	68105	Arsenic	1	10.9	10.9
17300	68105	Arsenic	1	18.6	18.6
17348	68105	Arsenic	1	2.5	2.5
17374	68105	Arsenic	1	12.4	12.4
17379	68105	Arsenic	1	8.79	8.79
17542	68105	Arsenic	1	37.6	37.6
17557	68105	Arsenic	1	18.8	18.8
17719	68105	Arsenic	1	11.2	11.2
17725	68105	Arsenic	1	5.43	5.43
17745	68105	Arsenic	1	14.9	14.9
17753	68105	Arsenic	1	2.5	2.5
17802	68105	Arsenic	1	18.8	18.8
17803	68105	Arsenic	1	7.27	7.27
17827	68105	Arsenic	1	13.3	13.3
17876	68105	Arsenic	1	19.6	19.6
17899	68105	Arsenic	1	16.4	16.4
17918	68105	Arsenic	1	46.2	46.2
17934	68105	Arsenic	1	8.59	8.59
17935	68105	Arsenic	1	13.6	13.6
18036	68105	Arsenic	1	68.6	68.6
18133	68105	Arsenic	1	14.8	14.8
18147	68105	Arsenic	1	11.8	11.8
18177	68105	Arsenic	1	311	311
18187	68105	Arsenic	1	10.2	10.2
18189	68105	Arsenic	1	10.9	10.9
18281	68105	Arsenic	1	11.3	11.3
18321	68105	Arsenic	1	31.3	31.3
18349	68105	Arsenic	1	23.8	23.8
18452	68105	Arsenic	1	9.28	9.28
18453	68105	Arsenic	1	2.5	2.5
18469	68105	Arsenic	1	17.6	17.6
18499	68105	Arsenic	1	12.3	12.3
18561	68105	Arsenic	1	16.3	16.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18573	68105	Arsenic	1	2.5	2.5
18598	68105	Arsenic	1	11	11
18610	68105	Arsenic	1	5.54	5.54
18654	68105	Arsenic	1	2.5	2.5
18661	68105	Arsenic	1	10.3	10.3
18673	68105	Arsenic	1	16.2	16.2
18676	68105	Arsenic	1	33.1	33.1
18693	68105	Arsenic	1	10.1	10.1
18757	68105	Arsenic	1	6.83	6.83
18787	68105	Arsenic	1	13.9	13.9
18797	68105	Arsenic	1	2.5	2.5
18825	68105	Arsenic	1	2.5	2.5
18839	68105	Arsenic	1	7.37	7.37
18871	68105	Arsenic	1	18.9	18.9
18882	68105	Arsenic	1	10.3	10.3
18898	68105	Arsenic	1	114	114
18927	68105	Arsenic	1	17.4	17.4
18934	68105	Arsenic	1	10.4	10.4
19015	68105	Arsenic	1	14.6	14.6
19028	68105	Arsenic	1	6.63	6.63
19127	68105	Arsenic	1	27	27
19129	68105	Arsenic	1	134	134
19169	68105	Arsenic	1	8.47	8.47
19288	68105	Arsenic	1	6.9	6.9
19310	68105	Arsenic	1	18.5	18.5
19334	68105	Arsenic	1	44.7	44.7
19344	68105	Arsenic	1	18.8	18.8
19448	68105	Arsenic	1	11.6	11.6
19485	68105	Arsenic	1	4.125	4.125
19489	68105	Arsenic	1	9.7	9.7
19496	68105	Arsenic	1	19.8	19.8
19561	68105	Arsenic	1	7.61	7.61
19602	68105	Arsenic	1	17.3	17.3
19612	68105	Arsenic	1	14.6	14.6
19655	68105	Arsenic	1	12.1	12.1
19671	68105	Arsenic	1	12.1	12.1
19676	68105	Arsenic	1	2.5	2.5
19728	68105	Arsenic	1	31.9	31.9
19729	68105	Arsenic	1	2.5	2.5
19768	68105	Arsenic	1	2.5	2.5
19787	68105	Arsenic	1	14.2	14.2
19791	68105	Arsenic	1	17.6	17.6
19812	68105	Arsenic	1	3.805	3.805
19831	68105	Arsenic	1	9.3	9.3
19839	68105	Arsenic	1	2.5	2.5
19858	68105	Arsenic	1	5.68	5.68
19864	68105	Arsenic	1	12.9	12.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19915	68105	Arsenic	1	46.5	46.5
19923	68105	Arsenic	1	6.36	6.36
19932	68105	Arsenic	1	33.2	33.2
19938	68105	Arsenic	1	10.8	10.8
19972	68105	Arsenic	1	7.18	7.18
19976	68105	Arsenic	1	64.6	64.6
19987	68105	Arsenic	1	68	68
20069	68105	Arsenic	1	15.7	15.7
20080	68105	Arsenic	1	189	189
20105	68105	Arsenic	1	11.3	11.3
20110	68105	Arsenic	1	14.5	14.5
20128	68105	Arsenic	1	6.4	6.4
20170	68105	Arsenic	1	22.5	22.5
20218	68105	Arsenic	1	23.1	23.1
20236	68105	Arsenic	1	7.78	7.78
20313	68105	Arsenic	1	45	45
20315	68105	Arsenic	1	27.8	27.8
20342	68105	Arsenic	1	7.55	7.55
20420	68105	Arsenic	1	7.3	7.3
20426	68105	Arsenic	1	99	99
20452	68105	Arsenic	1	6.23	6.23
20470	68105	Arsenic	1	39.5	39.5
20471	68105	Arsenic	1	15	15
20477	68105	Arsenic	1	90.8	90.8
20506	68105	Arsenic	1	56.6	56.6
20510	68105	Arsenic	1	7.96	7.96
20535	68105	Arsenic	1	9.44	9.44
20545	68105	Arsenic	1	12.2	12.2
20557	68105	Arsenic	1	29.9	29.9
20584	68105	Arsenic	1	11.1	11.1
20590	68105	Arsenic	1	21.7	21.7
20603	68105	Arsenic	1	11.6	11.6
20610	68105	Arsenic	1	9.5	9.5
20612	68105	Arsenic	1	11	11
20656	68105	Arsenic	1	37.2	37.2
20674	68105	Arsenic	1	38.3	38.3
20685	68105	Arsenic	1	9.04	9.04
20702	68105	Arsenic	1	29.9	29.9
20759	68105	Arsenic	1	10.8	10.8
20777	68105	Arsenic	1	13.7	13.7
20823	68105	Arsenic	1	13.6	13.6
20845	68105	Arsenic	1	2.45	2.45
20856	68105	Arsenic	1	28.4	28.4
20883	68105	Arsenic	1	9.45	9.45
20908	68105	Arsenic	1	9.8	9.8
20925	68105	Arsenic	1	11.1	11.1
20945	68105	Arsenic	1	12.5	12.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20961	68105	Arsenic	1	68.3	68.3
20964	68105	Arsenic	1	17.5	17.5
21005	68105	Arsenic	1	9.83	9.83
21012	68105	Arsenic	1	19.3	19.3
21019	68105	Arsenic	1	10.1	10.1
21053	68105	Arsenic	1	12	12
21064	68105	Arsenic	1	22.2	22.2
21068	68105	Arsenic	1	131	131
21079	68105	Arsenic	1	2.5	2.5
21097	68105	Arsenic	1	11.9	11.9
21110	68105	Arsenic	1	9.84	9.84
21136	68105	Arsenic	1	47.6	47.6
21143	68105	Arsenic	1	8.71	8.71
21148	68105	Arsenic	1	2.5	2.5
21150	68105	Arsenic	1	14	14
21265	68105	Arsenic	1	75.9	75.9
21268	68105	Arsenic	1	8.48	8.48
21283	68105	Arsenic	1	11.4	11.4
21309	68105	Arsenic	1	7.51	7.51
21336	68105	Arsenic	1	10.8	10.8
21355	68105	Arsenic	1	13.7	13.7
21390	68105	Arsenic	1	2.5	2.5
21394	68105	Arsenic	1	24.8	24.8
21436	68105	Arsenic	1	2.5	2.5
21454	68105	Arsenic	1	2.5	2.5
21490	68105	Arsenic	1	4.595	4.595
21498	68105	Arsenic	1	2.5	2.5
21513	68105	Arsenic	1	2.5	2.5
21535	68105	Arsenic	1	10.4	10.4
21551	68105	Arsenic	1	36.2	36.2
21560	68105	Arsenic	1	16.7	16.7
21565	68105	Arsenic	1	7.6	7.6
21578	68105	Arsenic	1	102	102
21609	68105	Arsenic	1	12.6	12.6
21614	68105	Arsenic	1	17.3	17.3
21625	68105	Arsenic	1	2.5	2.5
21653	68105	Arsenic	1	10.1	10.1
21677	68105	Arsenic	1	10.4	10.4
21689	68105	Arsenic	1	6.3	6.3
21705	68105	Arsenic	1	10.9	10.9
21714	68105	Arsenic	1	12.2	12.2
21720	68105	Arsenic	1	11.4	11.4
21724	68105	Arsenic	1	10.6	10.6
21730	68105	Arsenic	1	7	7
21744	68105	Arsenic	1	13.6	13.6
21811	68105	Arsenic	1	11.7	11.7
21815	68105	Arsenic	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21822	68105	Arsenic	1	45.3	45.3
21836	68105	Arsenic	1	61.2	61.2
21881	68105	Arsenic	1	1.72	1.72
21884	68105	Arsenic	1	5.16	5.16
21901	68105	Arsenic	1	11.7	11.7
21916	68105	Arsenic	1	7.6	7.6
21925	68105	Arsenic	1	11.7	11.7
21941	68105	Arsenic	1	14.8	14.8
21956	68105	Arsenic	1	2.5	2.5
21981	68105	Arsenic	1	79.7	79.7
21985	68105	Arsenic	1	12.7	12.7
21989	68105	Arsenic	1	11.1	11.1
22006	68105	Arsenic	1	15	15
22013	68105	Arsenic	1	10.2	10.2
22024	68105	Arsenic	1	23.4	23.4
22025	68105	Arsenic	1	8.2	8.2
22027	68105	Arsenic	1	2.5	2.5
22034	68105	Arsenic	1	85.5	85.5
22036	68105	Arsenic	1	2.5	2.5
22039	68105	Arsenic	1	10.9	10.9
22044	68105	Arsenic	1	47.1	47.1
22046	68105	Arsenic	1	11.5	11.5
22056	68105	Arsenic	1	6.82	6.82
22061	68105	Arsenic	1	33	33
22074	68105	Arsenic	1	8.94	8.94
22079	68105	Arsenic	1	31.8	31.8
22080	68105	Arsenic	1	15	15
22177	68105	Arsenic	1	12.7	12.7
22181	68105	Arsenic	1	12	12
22183	68105	Arsenic	1	9.19	9.19
22230	68105	Arsenic	1	37.4	37.4
22273	68105	Arsenic	1	2.5	2.5
22295	68105	Arsenic	1	11	11
22320	68105	Arsenic	1	9.71	9.71
22344	68105	Arsenic	1	11	11
22358	68105	Arsenic	1	43.6	43.6
22386	68105	Arsenic	1	10.4	10.4
22399	68105	Arsenic	1	12.6	12.6
22405	68105	Arsenic	1	16.1	16.1
22453	68105	Arsenic	1	17.5	17.5
22563	68105	Arsenic	1	12.7	12.7
22574	68105	Arsenic	1	18.2	18.2
22636	68105	Arsenic	1	54.3	54.3
22715	68105	Arsenic	1	14.5	14.5
22716	68105	Arsenic	1	11.9	11.9
22754	68105	Arsenic	1	8.85	8.85
22772	68105	Arsenic	1	16.1	16.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22832	68105	Arsenic	1	11.3	11.3
49272	68105	Arsenic	1	61.7	61.7
49289	68105	Arsenic	1	35.1	35.1
50528	68105	Arsenic	1	144	144
50574	68105	Arsenic	1	33	33
90427	68105	Arsenic	1	8.8	8.8
93120	68105	Arsenic	1	8.1	8.1
93354	68105	Arsenic	1	10.2	10.2
93358	68105	Arsenic	1	6.3	6.3
93364	68105	Arsenic	1	13.1	13.1
93381	68105	Arsenic	1	10.1	10.1
51011	68106	Arsenic	1	12.4	12.4
51029	68106	Arsenic	1	11.4	11.4
51034	68106	Arsenic	1	3.72	3.72
51037	68106	Arsenic	1	3.78	3.78
51041	68106	Arsenic	1	25.5	25.5
51046	68106	Arsenic	1	13.2	13.2
51047	68106	Arsenic	1	164	164
51052	68106	Arsenic	1	58.1	58.1
51058	68106	Arsenic	1	35.4	35.4
51064	68106	Arsenic	1	2.5	2.5
51065	68106	Arsenic	1	19.1	19.1
51079	68106	Arsenic	1	4.05	4.05
51080	68106	Arsenic	1	13.6	13.6
51082	68106	Arsenic	1	12.5	12.5
51089	68106	Arsenic	1	8.6	8.6
51093	68106	Arsenic	1	33	33
51101	68106	Arsenic	1	10.6	10.6
51102	68106	Arsenic	1	4.385	4.385
51113	68106	Arsenic	1	15.9	15.9
51116	68106	Arsenic	1	15.4	15.4
51118	68106	Arsenic	1	92.2	92.2
51120	68106	Arsenic	1	13.3	13.3
51123	68106	Arsenic	1	8.17	8.17
51126	68106	Arsenic	1	135	135
51127	68106	Arsenic	1	9.93	9.93
51132	68106	Arsenic	1	12.1	12.1
51133	68106	Arsenic	1	12.5	12.5
51143	68106	Arsenic	1	14.9	14.9
51155	68106	Arsenic	1	3.795	3.795
51158	68106	Arsenic	1	64.3	64.3
51160	68106	Arsenic	1	9.49	9.49
51162	68106	Arsenic	1	13	13
51184	68106	Arsenic	1	10.4	10.4
2030	68107	Arsenic	1	11.5	11.5
2038	68107	Arsenic	1	6.48	6.48
2056	68107	Arsenic	1	9	9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2104	68107	Arsenic	1	2.5	2.5
2124	68107	Arsenic	1	7.66	7.66
2167	68107	Arsenic	1	6.05	6.05
2206	68107	Arsenic	1	5.39	5.39
2220	68107	Arsenic	1	11.9	11.9
2252	68107	Arsenic	1	19.8	19.8
2273	68107	Arsenic	1	7.2	7.2
2292	68107	Arsenic	1	8.1	8.1
2496	68107	Arsenic	1	8.35	8.35
2499	68107	Arsenic	1	13.5	13.5
3003	68107	Arsenic	1	10.2	10.2
3021	68107	Arsenic	1	8.9	8.9
3074	68107	Arsenic	1	54.7	54.7
3121	68107	Arsenic	1	10.6	10.6
5066	68107	Arsenic	1	6.24	6.24
5076	68107	Arsenic	1	32.9	32.9
5130	68107	Arsenic	1	22.7	22.7
5157	68107	Arsenic	1	10.3	10.3
5159	68107	Arsenic	1	7.23	7.23
5161	68107	Arsenic	1	7.67	7.67
5163	68107	Arsenic	1	7.89	7.89
5165	68107	Arsenic	1	21.5	21.5
5166	68107	Arsenic	1	8.85	8.85
5172	68107	Arsenic	1	9.92	9.92
5176	68107	Arsenic	1	15	15
5178	68107	Arsenic	1	10.4	10.4
5180	68107	Arsenic	1	12.3	12.3
5182	68107	Arsenic	1	23.9	23.9
5183	68107	Arsenic	1	10.2	10.2
5185	68107	Arsenic	1	11.4	11.4
5211	68107	Arsenic	1	5.97	5.97
5212	68107	Arsenic	1	6.36	6.36
10008	68107	Arsenic	1	9.99	9.99
10018	68107	Arsenic	1	9.86	9.86
10044	68107	Arsenic	1	9.05	9.05
10046	68107	Arsenic	1	12.2	12.2
10072	68107	Arsenic	1	9.25	9.25
10073	68107	Arsenic	1	226	226
10088	68107	Arsenic	1	24.3	24.3
10095	68107	Arsenic	1	11.3	11.3
10111	68107	Arsenic	1	14.5	14.5
10130	68107	Arsenic	1	35.4	35.4
10134	68107	Arsenic	1	28.9	28.9
10214	68107	Arsenic	1	57.1	57.1
10241	68107	Arsenic	1	14.7	14.7
10290	68107	Arsenic	1	3.32	3.32
10295	68107	Arsenic	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10299	68107	Arsenic	1	11.5	11.5
10310	68107	Arsenic	1	80.4	80.4
10328	68107	Arsenic	1	2.5	2.5
10329	68107	Arsenic	1	7	7
10387	68107	Arsenic	1	7.31	7.31
10401	68107	Arsenic	2	50.25	53.7
10403	68107	Arsenic	1	12.8	12.8
10425	68107	Arsenic	1	73.3	73.3
10432	68107	Arsenic	1	2.5	2.5
10455	68107	Arsenic	1	92.8	92.8
10458	68107	Arsenic	1	8.57	8.57
10468	68107	Arsenic	1	8.58	8.58
10471	68107	Arsenic	1	3.8	3.8
10484	68107	Arsenic	1	10.4	10.4
10492	68107	Arsenic	1	10.2	10.2
10500	68107	Arsenic	1	7.61	7.61
10508	68107	Arsenic	1	9.31	9.31
10513	68107	Arsenic	1	5.14	5.14
10538	68107	Arsenic	1	6.53	6.53
10543	68107	Arsenic	1	10	10
10548	68107	Arsenic	1	9.54	9.54
10578	68107	Arsenic	1	12.9	12.9
10582	68107	Arsenic	1	9.34	9.34
10622	68107	Arsenic	1	10.9	10.9
10633	68107	Arsenic	1	11.3	11.3
10650	68107	Arsenic	1	4.695	4.695
10654	68107	Arsenic	1	15.4	15.4
10662	68107	Arsenic	1	14.2	14.2
10670	68107	Arsenic	1	12.6	12.6
10687	68107	Arsenic	1	9.92	9.92
10707	68107	Arsenic	1	8.35	8.35
10720	68107	Arsenic	1	8.18	8.18
10735	68107	Arsenic	1	17.7	17.7
10738	68107	Arsenic	1	14.7	14.7
10794	68107	Arsenic	1	10.9	10.9
10814	68107	Arsenic	1	9.42	9.42
10822	68107	Arsenic	1	2.5	2.5
10831	68107	Arsenic	1	12.6	12.6
10834	68107	Arsenic	1	11.2	11.2
10842	68107	Arsenic	1	6.08	6.08
10848	68107	Arsenic	1	3.655	3.655
10858	68107	Arsenic	1	20.9	20.9
10860	68107	Arsenic	1	10.6	10.6
10870	68107	Arsenic	1	9.4	9.4
10876	68107	Arsenic	1	11.2	11.2
10877	68107	Arsenic	1	13.2	13.2
10880	68107	Arsenic	1	6.7	6.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10895	68107	Arsenic	1	2.5	2.5
10909	68107	Arsenic	1	50.4	50.4
10914	68107	Arsenic	1	10.1	10.1
10920	68107	Arsenic	1	10.2	10.2
10925	68107	Arsenic	1	2.5	2.5
10931	68107	Arsenic	1	8.93	8.93
10938	68107	Arsenic	1	12.5	12.5
10944	68107	Arsenic	1	8.78	8.78
10947	68107	Arsenic	1	8.02	8.02
10950	68107	Arsenic	1	18.3	18.3
10965	68107	Arsenic	1	10.1	10.1
10970	68107	Arsenic	1	10.7	10.7
10990	68107	Arsenic	1	12.5	12.5
10991	68107	Arsenic	1	9.92	9.92
11036	68107	Arsenic	1	8.82	8.82
11069	68107	Arsenic	1	7.22	7.22
11070	68107	Arsenic	1	11.6	11.6
11082	68107	Arsenic	1	10.6	10.6
11094	68107	Arsenic	1	6.42	6.42
11107	68107	Arsenic	1	10.4	10.4
11118	68107	Arsenic	1	15	15
11142	68107	Arsenic	1	46.7	46.7
11155	68107	Arsenic	1	7.14	7.14
11172	68107	Arsenic	1	11.9	11.9
11179	68107	Arsenic	1	22	22
11191	68107	Arsenic	1	12.9	12.9
11194	68107	Arsenic	1	7.94	7.94
11203	68107	Arsenic	1	10.3	10.3
11208	68107	Arsenic	1	233	233
11222	68107	Arsenic	1	8.6	8.6
11230	68107	Arsenic	1	13.9	13.9
11232	68107	Arsenic	1	8.77	8.77
11233	68107	Arsenic	1	10.6	10.6
11246	68107	Arsenic	1	11.8	11.8
11258	68107	Arsenic	1	11.6	11.6
11268	68107	Arsenic	1	16.1	16.1
11272	68107	Arsenic	1	10.9	10.9
11283	68107	Arsenic	1	9.35	9.35
11303	68107	Arsenic	1	10	10
11309	68107	Arsenic	1	14.7	14.7
11312	68107	Arsenic	1	14.5	14.5
11321	68107	Arsenic	1	7.7	7.7
11343	68107	Arsenic	1	12	12
11349	68107	Arsenic	1	137	137
11367	68107	Arsenic	1	13.9	13.9
11372	68107	Arsenic	1	6.93	6.93
11385	68107	Arsenic	1	18.4	18.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11387	68107	Arsenic	1	7.46	7.46
11400	68107	Arsenic	1	2.5	2.5
11403	68107	Arsenic	1	12.6	12.6
11408	68107	Arsenic	1	28.1	28.1
11410	68107	Arsenic	1	9.56	9.56
11416	68107	Arsenic	1	2.5	2.5
11423	68107	Arsenic	1	6.02	6.02
11439	68107	Arsenic	1	9.56	9.56
11444	68107	Arsenic	1	40.5	40.5
11449	68107	Arsenic	1	10.7	10.7
11465	68107	Arsenic	1	2.5	2.5
11469	68107	Arsenic	1	11.1	11.1
11491	68107	Arsenic	1	24	24
11494	68107	Arsenic	1	108	108
11523	68107	Arsenic	1	5.68	5.68
11552	68107	Arsenic	1	9.54	9.54
11558	68107	Arsenic	1	13	13
11568	68107	Arsenic	1	12	12
11599	68107	Arsenic	1	11.2	11.2
11601	68107	Arsenic	1	11.1	11.1
11603	68107	Arsenic	1	15.3	15.3
11604	68107	Arsenic	1	18.1	18.1
11609	68107	Arsenic	1	22.1	22.1
11614	68107	Arsenic	1	10.3	10.3
11661	68107	Arsenic	1	6.43	6.43
11686	68107	Arsenic	1	11.7	11.7
11711	68107	Arsenic	1	10.4	10.4
11741	68107	Arsenic	1	2.5	2.5
11754	68107	Arsenic	1	12.5	12.5
11765	68107	Arsenic	1	10.1	10.1
11777	68107	Arsenic	1	11.9	11.9
11807	68107	Arsenic	1	11.7	11.7
11829	68107	Arsenic	1	11.1	11.1
11842	68107	Arsenic	1	10.3	10.3
11865	68107	Arsenic	1	17.5	17.5
11894	68107	Arsenic	1	12.5	12.5
11902	68107	Arsenic	1	13	13
11910	68107	Arsenic	1	5.58	5.58
11941	68107	Arsenic	1	11.9	11.9
11960	68107	Arsenic	1	5.03	5.03
11982	68107	Arsenic	1	24.3	24.3
12002	68107	Arsenic	1	5.52	5.52
12009	68107	Arsenic	1	9.78	9.78
12012	68107	Arsenic	1	22.2	22.2
12037	68107	Arsenic	1	10.3	10.3
12047	68107	Arsenic	1	6.2	6.2
12086	68107	Arsenic	1	8.7	8.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12114	68107	Arsenic	1	13	13
12116	68107	Arsenic	1	54.9	54.9
12118	68107	Arsenic	1	12.9	12.9
12124	68107	Arsenic	1	11.3	11.3
12126	68107	Arsenic	1	2.5	2.5
12152	68107	Arsenic	1	9.31	9.31
12166	68107	Arsenic	1	22.8	22.8
12194	68107	Arsenic	1	12.1	12.1
12206	68107	Arsenic	1	3.19	3.19
12220	68107	Arsenic	1	11.1	11.1
12227	68107	Arsenic	2	40.9	58.7
12239	68107	Arsenic	1	13.9	13.9
12290	68107	Arsenic	1	11.1	11.1
12296	68107	Arsenic	1	12.9	12.9
12338	68107	Arsenic	1	8.5	8.5
12344	68107	Arsenic	1	14.7	14.7
12351	68107	Arsenic	1	10.8	10.8
12372	68107	Arsenic	1	7.22	7.22
12388	68107	Arsenic	1	15.7	15.7
12407	68107	Arsenic	1	19.5	19.5
12410	68107	Arsenic	1	13.2	13.2
12414	68107	Arsenic	1	16	16
12424	68107	Arsenic	1	16.9	16.9
12439	68107	Arsenic	1	2.5	2.5
12449	68107	Arsenic	1	19.3	19.3
12457	68107	Arsenic	1	9.8	9.8
12506	68107	Arsenic	1	10	10
12514	68107	Arsenic	1	14.9	14.9
12529	68107	Arsenic	1	63.4	63.4
12530	68107	Arsenic	1	11	11
12547	68107	Arsenic	1	10.6	10.6
12551	68107	Arsenic	1	17.6	17.6
12567	68107	Arsenic	1	10	10
12572	68107	Arsenic	1	13.3	13.3
12588	68107	Arsenic	1	16.4	16.4
12590	68107	Arsenic	1	11.4	11.4
12605	68107	Arsenic	1	9.48	9.48
12644	68107	Arsenic	1	16.6	16.6
12667	68107	Arsenic	1	10.6	10.6
12714	68107	Arsenic	1	10.6	10.6
12729	68107	Arsenic	1	18.7	18.7
12741	68107	Arsenic	1	21.3	21.3
12755	68107	Arsenic	1	13	13
12761	68107	Arsenic	1	9.9	9.9
12794	68107	Arsenic	1	15.3	15.3
12830	68107	Arsenic	1	13.5	13.5
12848	68107	Arsenic	1	13.5	13.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12858	68107	Arsenic	1	11.5	11.5
12871	68107	Arsenic	1	10.5	10.5
13038	68107	Arsenic	1	9.1	9.1
13045	68107	Arsenic	1	17.9	17.9
43676	68107	Arsenic	1	2.5	2.5
43691	68107	Arsenic	1	15.7	15.7
43698	68107	Arsenic	1	8.09	8.09
43703	68107	Arsenic	1	13.7	13.7
43711	68107	Arsenic	1	14.2	14.2
43729	68107	Arsenic	1	18.1	18.1
43736	68107	Arsenic	1	9.27	9.27
43744	68107	Arsenic	1	6	6
43746	68107	Arsenic	1	27.7	27.7
43771	68107	Arsenic	1	12.2	12.2
43790	68107	Arsenic	1	8.55	8.55
43793	68107	Arsenic	1	9.4	9.4
43800	68107	Arsenic	1	46.7	46.7
43813	68107	Arsenic	1	8.3	8.3
43843	68107	Arsenic	1	5.5	5.5
43853	68107	Arsenic	1	15.8	15.8
43869	68107	Arsenic	1	8.3	8.3
43874	68107	Arsenic	1	20.1	20.1
43892	68107	Arsenic	1	2.5	2.5
43912	68107	Arsenic	1	17.8	17.8
43933	68107	Arsenic	1	7.8	7.8
43942	68107	Arsenic	1	9.83	9.83
43945	68107	Arsenic	1	11.5	11.5
43949	68107	Arsenic	1	8.8	8.8
43962	68107	Arsenic	1	10.6	10.6
43978	68107	Arsenic	1	138	138
44002	68107	Arsenic	1	9.47	9.47
44025	68107	Arsenic	1	2.5	2.5
44037	68107	Arsenic	1	8	8
44047	68107	Arsenic	1	11.6	11.6
44063	68107	Arsenic	1	7.86	7.86
44066	68107	Arsenic	1	7.39	7.39
44076	68107	Arsenic	1	15.8	15.8
44104	68107	Arsenic	1	7.67	7.67
44107	68107	Arsenic	1	10.3	10.3
44112	68107	Arsenic	1	9.93	9.93
44127	68107	Arsenic	1	78.6	78.6
44130	68107	Arsenic	1	114	114
44133	68107	Arsenic	1	13	13
44137	68107	Arsenic	1	30.2	30.2
44145	68107	Arsenic	1	14.7	14.7
44153	68107	Arsenic	1	8.79	8.79
44157	68107	Arsenic	1	12.7	12.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44177	68107	Arsenic	1	19	19
44184	68107	Arsenic	1	7.7	7.7
44185	68107	Arsenic	1	10.3	10.3
44198	68107	Arsenic	1	8.2	8.2
44202	68107	Arsenic	1	8.5	8.5
44220	68107	Arsenic	1	8.63	8.63
44225	68107	Arsenic	1	10.4	10.4
44233	68107	Arsenic	1	7.5	7.5
44236	68107	Arsenic	1	9.02	9.02
44237	68107	Arsenic	1	12	12
44248	68107	Arsenic	1	7.86	7.86
44299	68107	Arsenic	1	11.1	11.1
44319	68107	Arsenic	1	37.5	37.5
44348	68107	Arsenic	1	12.5	12.5
44416	68107	Arsenic	1	9.35	9.35
44446	68107	Arsenic	1	47.6	47.6
44452	68107	Arsenic	1	12.7	12.7
44455	68107	Arsenic	1	10.3	10.3
44456	68107	Arsenic	1	62.1	62.1
44465	68107	Arsenic	1	78.6	78.6
44475	68107	Arsenic	1	9.76	9.76
44482	68107	Arsenic	1	9.84	9.84
44483	68107	Arsenic	1	51.5	51.5
44490	68107	Arsenic	1	11.7	11.7
44503	68107	Arsenic	1	10.3	10.3
44507	68107	Arsenic	1	11.9	11.9
44508	68107	Arsenic	1	9.07	9.07
44519	68107	Arsenic	1	11.2	11.2
44526	68107	Arsenic	1	9.62	9.62
44528	68107	Arsenic	1	10.3	10.3
44529	68107	Arsenic	1	4.48	4.48
44531	68107	Arsenic	1	15.7	15.7
44536	68107	Arsenic	1	10.3	10.3
44539	68107	Arsenic	1	11.7	11.7
44546	68107	Arsenic	1	8.5	8.5
44549	68107	Arsenic	1	10.6	10.6
44556	68107	Arsenic	1	7.6	7.6
44567	68107	Arsenic	1	7.8	7.8
44578	68107	Arsenic	1	7.25	7.25
44581	68107	Arsenic	1	13.5	13.5
44589	68107	Arsenic	1	10.5	10.5
44590	68107	Arsenic	1	7.12	7.12
44592	68107	Arsenic	1	13.1	13.1
44597	68107	Arsenic	1	11.3	11.3
44617	68107	Arsenic	1	10.7	10.7
44619	68107	Arsenic	1	12.5	12.5
44623	68107	Arsenic	1	65.9	65.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44626	68107	Arsenic	1	10.6	10.6
44636	68107	Arsenic	1	11.1	11.1
44640	68107	Arsenic	1	10.7	10.7
44644	68107	Arsenic	1	3.74	3.74
44668	68107	Arsenic	1	15.6	15.6
44700	68107	Arsenic	1	46.5	46.5
44711	68107	Arsenic	1	2.5	2.5
44725	68107	Arsenic	1	12.5	12.5
44727	68107	Arsenic	1	7.78	7.78
44738	68107	Arsenic	1	4.45	4.45
44740	68107	Arsenic	1	8.72	8.72
44741	68107	Arsenic	1	9.09	9.09
44747	68107	Arsenic	1	10.7	10.7
44753	68107	Arsenic	1	15.8	15.8
44755	68107	Arsenic	1	44.7	44.7
44756	68107	Arsenic	1	6.9	6.9
44768	68107	Arsenic	1	5.82	5.82
44790	68107	Arsenic	1	18.3	18.3
44798	68107	Arsenic	1	10.4	10.4
44810	68107	Arsenic	1	8.7	8.7
44814	68107	Arsenic	1	23.8	23.8
44822	68107	Arsenic	1	5.71	5.71
44854	68107	Arsenic	1	9.54	9.54
44857	68107	Arsenic	1	13.9	13.9
44869	68107	Arsenic	1	7.1	7.1
44877	68107	Arsenic	1	19.5	19.5
44902	68107	Arsenic	1	12.9	12.9
44923	68107	Arsenic	1	17.8	17.8
44927	68107	Arsenic	1	7.34	7.34
44935	68107	Arsenic	1	9.7	9.7
44939	68107	Arsenic	1	9.39	9.39
44943	68107	Arsenic	1	9.16	9.16
44955	68107	Arsenic	1	3.23	3.23
44959	68107	Arsenic	1	7.7	7.7
44969	68107	Arsenic	1	7.45	7.45
44979	68107	Arsenic	1	27.5	27.5
44980	68107	Arsenic	1	10.9	10.9
44984	68107	Arsenic	1	14.7	14.7
44987	68107	Arsenic	1	21.4	21.4
44996	68107	Arsenic	1	9.58	9.58
45004	68107	Arsenic	1	9.43	9.43
45005	68107	Arsenic	1	2.5	2.5
45018	68107	Arsenic	1	10.5	10.5
45020	68107	Arsenic	1	11.5	11.5
45023	68107	Arsenic	1	11.5	11.5
45034	68107	Arsenic	1	5.65	5.65
45044	68107	Arsenic	1	11.5	11.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45056	68107	Arsenic	1	8.51	8.51
45072	68107	Arsenic	1	14.2	14.2
45073	68107	Arsenic	1	11.5	11.5
45077	68107	Arsenic	1	14.5	14.5
45078	68107	Arsenic	1	105	105
45084	68107	Arsenic	1	25.6	25.6
45118	68107	Arsenic	1	4.925	4.925
45147	68107	Arsenic	1	43.4	43.4
45150	68107	Arsenic	1	9.3	9.3
45156	68107	Arsenic	1	6.22	6.22
45166	68107	Arsenic	1	4.345	4.345
45167	68107	Arsenic	1	12.4	12.4
45183	68107	Arsenic	1	13.6	13.6
45188	68107	Arsenic	1	11.3	11.3
45195	68107	Arsenic	1	9.22	9.22
45199	68107	Arsenic	1	26.1	26.1
45206	68107	Arsenic	1	48.2	48.2
45213	68107	Arsenic	1	10.3	10.3
45223	68107	Arsenic	1	38	38
45227	68107	Arsenic	1	62.4	62.4
45236	68107	Arsenic	1	5.5	5.5
45244	68107	Arsenic	1	10.3	10.3
45259	68107	Arsenic	1	10.4	10.4
45265	68107	Arsenic	1	12.8	12.8
45269	68107	Arsenic	1	12.3	12.3
45298	68107	Arsenic	1	4.15	4.15
45300	68107	Arsenic	1	9	9
45303	68107	Arsenic	1	7.62	7.62
45304	68107	Arsenic	1	10.2	10.2
45305	68107	Arsenic	1	8.36	8.36
45321	68107	Arsenic	1	10.3	10.3
45343	68107	Arsenic	1	10.5	10.5
45350	68107	Arsenic	1	10.4	10.4
45356	68107	Arsenic	1	9.15	9.15
45364	68107	Arsenic	1	12.8	12.8
45370	68107	Arsenic	1	7.83	7.83
45390	68107	Arsenic	1	7.96	7.96
45393	68107	Arsenic	1	7.64	7.64
45404	68107	Arsenic	1	7.5	7.5
45411	68107	Arsenic	1	16.4	16.4
45423	68107	Arsenic	1	7.5	7.5
45424	68107	Arsenic	1	35.5	35.5
45447	68107	Arsenic	1	8.87	8.87
45458	68107	Arsenic	1	15.4	15.4
45460	68107	Arsenic	1	35.8	35.8
45475	68107	Arsenic	1	8.31	8.31
45484	68107	Arsenic	1	15.1	15.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45487	68107	Arsenic	1	17.2	17.2
45494	68107	Arsenic	1	6.01	6.01
45495	68107	Arsenic	1	5.25	5.25
45503	68107	Arsenic	1	9.15	9.15
45530	68107	Arsenic	1	4.62	4.62
45533	68107	Arsenic	1	29.9	29.9
45564	68107	Arsenic	1	12.2	12.2
45566	68107	Arsenic	1	13.9	13.9
45574	68107	Arsenic	1	12.6	12.6
45584	68107	Arsenic	1	10.7	10.7
45608	68107	Arsenic	1	12.4	12.4
45609	68107	Arsenic	1	2.5	2.5
45624	68107	Arsenic	1	8.3	8.3
45626	68107	Arsenic	1	201	201
45645	68107	Arsenic	1	10.9	10.9
45646	68107	Arsenic	1	13.1	13.1
45648	68107	Arsenic	1	10.6	10.6
45662	68107	Arsenic	1	2.93	2.93
45663	68107	Arsenic	1	107	107
45678	68107	Arsenic	1	2.5	2.5
45698	68107	Arsenic	1	6.94	6.94
45724	68107	Arsenic	1	9.09	9.09
45725	68107	Arsenic	1	11.9	11.9
45728	68107	Arsenic	1	12.2	12.2
45739	68107	Arsenic	1	9.98	9.98
45741	68107	Arsenic	1	8.6	8.6
45747	68107	Arsenic	1	6.06	6.06
45764	68107	Arsenic	1	6.67	6.67
45767	68107	Arsenic	1	12.2	12.2
45770	68107	Arsenic	1	5.7	5.7
45786	68107	Arsenic	1	5.6	5.6
45787	68107	Arsenic	1	24.1	24.1
45789	68107	Arsenic	1	12.5	12.5
45811	68107	Arsenic	1	23.2	23.2
45822	68107	Arsenic	1	6.4	6.4
45837	68107	Arsenic	1	4.61	4.61
45840	68107	Arsenic	1	10.5	10.5
45849	68107	Arsenic	1	73.1	73.1
45854	68107	Arsenic	1	8.78	8.78
45883	68107	Arsenic	1	10.2	10.2
45906	68107	Arsenic	1	10.1	10.1
45921	68107	Arsenic	1	14.2	14.2
45923	68107	Arsenic	1	14.2	14.2
45927	68107	Arsenic	1	10.4	10.4
45955	68107	Arsenic	1	9.95	9.95
45970	68107	Arsenic	1	12.1	12.1
45984	68107	Arsenic	1	9.57	9.57

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45988	68107	Arsenic	1	17.3	17.3
45999	68107	Arsenic	1	10.9	10.9
46035	68107	Arsenic	1	7.16	7.16
46049	68107	Arsenic	1	15.6	15.6
46050	68107	Arsenic	1	10.3	10.3
46052	68107	Arsenic	1	18.1	18.1
46071	68107	Arsenic	1	8.95	8.95
46073	68107	Arsenic	1	9.43	9.43
46091	68107	Arsenic	1	3.615	3.615
46103	68107	Arsenic	1	9.22	9.22
46107	68107	Arsenic	1	21.6	21.6
46118	68107	Arsenic	1	10.6	10.6
46122	68107	Arsenic	1	13.8	13.8
46127	68107	Arsenic	1	14.7	14.7
46133	68107	Arsenic	1	19.6	19.6
46145	68107	Arsenic	1	9.39	9.39
46150	68107	Arsenic	1	8.87	8.87
46164	68107	Arsenic	1	8.2	8.2
46168	68107	Arsenic	1	149	149
46180	68107	Arsenic	1	14.6	14.6
46187	68107	Arsenic	1	7.2	7.2
46210	68107	Arsenic	1	5.65	5.65
46214	68107	Arsenic	1	6.4	6.4
46241	68107	Arsenic	1	11.2	11.2
46247	68107	Arsenic	1	9.6	9.6
46260	68107	Arsenic	1	26.8	26.8
46279	68107	Arsenic	1	9.8	9.8
46297	68107	Arsenic	1	2.675	2.675
46346	68107	Arsenic	1	7.4	7.4
46347	68107	Arsenic	1	7.9	7.9
46363	68107	Arsenic	1	40	40
46368	68107	Arsenic	1	16.3	16.3
46380	68107	Arsenic	1	10.2	10.2
46399	68107	Arsenic	1	8.6	8.6
46423	68107	Arsenic	1	10.5	10.5
46432	68107	Arsenic	1	7.64	7.64
46448	68107	Arsenic	1	2.55	2.55
46461	68107	Arsenic	1	15.5	15.5
46469	68107	Arsenic	1	9.73	9.73
46472	68107	Arsenic	1	11.4	11.4
46473	68107	Arsenic	1	21.3	21.3
46474	68107	Arsenic	1	13.6	13.6
46478	68107	Arsenic	1	11.9	11.9
46490	68107	Arsenic	1	20.1	20.1
46493	68107	Arsenic	1	7.7	7.7
46494	68107	Arsenic	1	9.3	9.3
46498	68107	Arsenic	1	10.7	10.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46505	68107	Arsenic	1	9.78	9.78
46509	68107	Arsenic	1	42.3	42.3
46527	68107	Arsenic	1	8.84	8.84
46566	68107	Arsenic	1	8.78	8.78
46579	68107	Arsenic	1	2.5	2.5
46583	68107	Arsenic	1	17	17
46610	68107	Arsenic	1	13.4	13.4
46626	68107	Arsenic	1	10	10
46628	68107	Arsenic	1	12.7	12.7
46637	68107	Arsenic	1	11.9	11.9
46655	68107	Arsenic	1	12.4	12.4
46662	68107	Arsenic	1	9.5	9.5
46664	68107	Arsenic	1	10.2	10.2
46672	68107	Arsenic	1	34	34
46673	68107	Arsenic	1	15.3	15.3
46683	68107	Arsenic	1	12.3	12.3
46698	68107	Arsenic	1	4.075	4.075
46699	68107	Arsenic	1	10.1	10.1
46708	68107	Arsenic	1	14.1	14.1
46712	68107	Arsenic	1	9.29	9.29
46725	68107	Arsenic	1	4.4	4.4
46727	68107	Arsenic	1	18.4	18.4
46731	68107	Arsenic	1	11.3	11.3
46743	68107	Arsenic	1	20.5	20.5
46763	68107	Arsenic	1	9.03	9.03
46764	68107	Arsenic	1	3.97	3.97
46772	68107	Arsenic	1	7.33	7.33
46776	68107	Arsenic	1	3.37	3.37
46792	68107	Arsenic	1	2.52	2.52
46794	68107	Arsenic	1	3.705	3.705
46805	68107	Arsenic	1	14.7	14.7
46808	68107	Arsenic	1	10.1	10.1
46815	68107	Arsenic	1	8.27	8.27
46835	68107	Arsenic	1	4.55	4.55
46852	68107	Arsenic	1	9.39	9.39
46857	68107	Arsenic	1	17.8	17.8
46864	68107	Arsenic	1	7.67	7.67
46867	68107	Arsenic	1	9.43	9.43
46893	68107	Arsenic	1	11	11
46916	68107	Arsenic	1	13	13
46919	68107	Arsenic	1	11.5	11.5
46934	68107	Arsenic	1	7.65	7.65
46954	68107	Arsenic	1	294	294
46964	68107	Arsenic	1	13.6	13.6
46976	68107	Arsenic	1	12	12
46994	68107	Arsenic	1	10.3	10.3
46998	68107	Arsenic	1	4.385	4.385

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47021	68107	Arsenic	1	17.8	17.8
47030	68107	Arsenic	1	8.54	8.54
47038	68107	Arsenic	1	7.73	7.73
47046	68107	Arsenic	1	7.31	7.31
47047	68107	Arsenic	1	200	200
47052	68107	Arsenic	1	22.3	22.3
47058	68107	Arsenic	1	102	102
47088	68107	Arsenic	1	90.9	90.9
47090	68107	Arsenic	1	2.55	2.55
47106	68107	Arsenic	1	9.04	9.04
47139	68107	Arsenic	1	26.7	26.7
47140	68107	Arsenic	1	16.2	16.2
47147	68107	Arsenic	1	5.88	5.88
47148	68107	Arsenic	1	2.5	2.5
47149	68107	Arsenic	1	9.4	9.4
47163	68107	Arsenic	1	9.2	9.2
47172	68107	Arsenic	1	10.3	10.3
47179	68107	Arsenic	1	7.48	7.48
47181	68107	Arsenic	1	10.1	10.1
47196	68107	Arsenic	1	10.7	10.7
47203	68107	Arsenic	1	27.7	27.7
47206	68107	Arsenic	1	10.3	10.3
47215	68107	Arsenic	1	80.6	80.6
47216	68107	Arsenic	1	9.6	9.6
47217	68107	Arsenic	1	11.6	11.6
47218	68107	Arsenic	1	11.9	11.9
47223	68107	Arsenic	1	7.63	7.63
47249	68107	Arsenic	1	11.6	11.6
47250	68107	Arsenic	1	19.6	19.6
47259	68107	Arsenic	1	8.73	8.73
47274	68107	Arsenic	1	6.14	6.14
47275	68107	Arsenic	1	9.72	9.72
47279	68107	Arsenic	1	39.4	39.4
47291	68107	Arsenic	1	11.3	11.3
47293	68107	Arsenic	1	9.7	9.7
47296	68107	Arsenic	1	75.2	75.2
47311	68107	Arsenic	1	10.1	10.1
47312	68107	Arsenic	1	24	24
47315	68107	Arsenic	1	12.8	12.8
47320	68107	Arsenic	1	11.4	11.4
47322	68107	Arsenic	1	48.1	48.1
47338	68107	Arsenic	1	41.7	41.7
47339	68107	Arsenic	1	8.99	8.99
47356	68107	Arsenic	1	8.46	8.46
47368	68107	Arsenic	1	5.19	5.19
47380	68107	Arsenic	1	12.2	12.2
47382	68107	Arsenic	1	10.3	10.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47385	68107	Arsenic	1	11	11
47390	68107	Arsenic	1	14.9	14.9
47417	68107	Arsenic	1	5.47	5.47
47421	68107	Arsenic	1	8.6	8.6
47424	68107	Arsenic	1	14.7	14.7
47425	68107	Arsenic	1	11.3	11.3
47440	68107	Arsenic	1	45.6	45.6
47452	68107	Arsenic	1	9.17	9.17
47475	68107	Arsenic	1	8.77	8.77
47485	68107	Arsenic	1	7.22	7.22
47511	68107	Arsenic	1	40.6	40.6
47514	68107	Arsenic	1	8.34	8.34
47518	68107	Arsenic	1	8.62	8.62
47526	68107	Arsenic	1	10.9	10.9
47544	68107	Arsenic	1	64.8	64.8
47553	68107	Arsenic	1	13.2	13.2
47565	68107	Arsenic	1	10.2	10.2
47566	68107	Arsenic	1	37.2	37.2
47604	68107	Arsenic	1	12.2	12.2
47610	68107	Arsenic	1	4.445	4.445
47617	68107	Arsenic	1	9.27	9.27
47621	68107	Arsenic	1	7.85	7.85
47627	68107	Arsenic	1	2.5	2.5
47649	68107	Arsenic	1	12.7	12.7
47656	68107	Arsenic	1	8.59	8.59
47670	68107	Arsenic	1	10.9	10.9
47681	68107	Arsenic	1	12.3	12.3
47706	68107	Arsenic	1	7.07	7.07
47708	68107	Arsenic	1	6.37	6.37
47761	68107	Arsenic	1	61.1	61.1
47768	68107	Arsenic	1	14.6	14.6
47783	68107	Arsenic	1	14.9	14.9
47795	68107	Arsenic	1	6.29	6.29
47797	68107	Arsenic	1	10.1	10.1
47811	68107	Arsenic	1	6.67	6.67
47813	68107	Arsenic	1	2.5	2.5
47816	68107	Arsenic	1	5.25	5.25
47820	68107	Arsenic	1	8.78	8.78
47838	68107	Arsenic	1	13.8	13.8
47841	68107	Arsenic	1	19	19
47860	68107	Arsenic	1	10.8	10.8
47867	68107	Arsenic	1	23.7	23.7
47886	68107	Arsenic	1	8.88	8.88
47895	68107	Arsenic	1	28.6	28.6
47924	68107	Arsenic	1	9.56	9.56
47930	68107	Arsenic	1	13.6	13.6
47934	68107	Arsenic	1	9.9	9.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47939	68107	Arsenic	1	13.6	13.6
47952	68107	Arsenic	1	11	11
47966	68107	Arsenic	1	5.62	5.62
47969	68107	Arsenic	1	29.4	29.4
48003	68107	Arsenic	1	9.08	9.08
48006	68107	Arsenic	1	10.4	10.4
48014	68107	Arsenic	1	12.9	12.9
48016	68107	Arsenic	1	4.235	4.235
48018	68107	Arsenic	1	6.51	6.51
48036	68107	Arsenic	1	7.92	7.92
48043	68107	Arsenic	1	14.1	14.1
48048	68107	Arsenic	1	11	11
48056	68107	Arsenic	1	10	10
48092	68107	Arsenic	1	14.5	14.5
48116	68107	Arsenic	1	9.12	9.12
48118	68107	Arsenic	1	24.5	24.5
48120	68107	Arsenic	1	13.4	13.4
48135	68107	Arsenic	1	12.8	12.8
48141	68107	Arsenic	1	11.7	11.7
48150	68107	Arsenic	1	10.8	10.8
48167	68107	Arsenic	1	12.6	12.6
48232	68107	Arsenic	1	9.83	9.83
48245	68107	Arsenic	1	9.9	9.9
48261	68107	Arsenic	1	11.5	11.5
48271	68107	Arsenic	1	11.3	11.3
48292	68107	Arsenic	1	26.6	26.6
48308	68107	Arsenic	1	6.62	6.62
48327	68107	Arsenic	1	15.3	15.3
48334	68107	Arsenic	1	4.025	4.025
48341	68107	Arsenic	1	9.38	9.38
48359	68107	Arsenic	1	13.4	13.4
48367	68107	Arsenic	1	4.67	4.67
48368	68107	Arsenic	1	5.77	5.77
48380	68107	Arsenic	1	8	8
48416	68107	Arsenic	1	8.7	8.7
48418	68107	Arsenic	1	12.2	12.2
48434	68107	Arsenic	1	12.8	12.8
48494	68107	Arsenic	1	12.8	12.8
48495	68107	Arsenic	1	19.9	19.9
48508	68107	Arsenic	1	52.5	52.5
48510	68107	Arsenic	1	16.6	16.6
48525	68107	Arsenic	1	11.2	11.2
48547	68107	Arsenic	1	14.9	14.9
48553	68107	Arsenic	1	22.6	22.6
48578	68107	Arsenic	1	39.1	39.1
48583	68107	Arsenic	1	9.51	9.51
48589	68107	Arsenic	1	7.71	7.71

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48593	68107	Arsenic	1	14.3	14.3
48596	68107	Arsenic	1	11	11
48620	68107	Arsenic	1	9.9	9.9
48636	68107	Arsenic	1	5.25	5.25
48639	68107	Arsenic	1	9.94	9.94
48641	68107	Arsenic	1	8	8
48654	68107	Arsenic	1	11.5	11.5
48661	68107	Arsenic	1	8.73	8.73
48668	68107	Arsenic	1	10.8	10.8
48674	68107	Arsenic	1	5.3	5.3
48685	68107	Arsenic	1	24.7	24.7
48694	68107	Arsenic	1	34.7	34.7
48708	68107	Arsenic	1	21.4	21.4
48715	68107	Arsenic	1	4.685	4.685
48721	68107	Arsenic	1	7.48	7.48
48733	68107	Arsenic	1	15.2	15.2
48736	68107	Arsenic	1	10.9	10.9
48747	68107	Arsenic	1	14.1	14.1
48768	68107	Arsenic	1	4.38	4.38
48798	68107	Arsenic	1	18	18
48815	68107	Arsenic	1	14.9	14.9
48821	68107	Arsenic	1	8.21	8.21
48836	68107	Arsenic	1	8.08	8.08
48846	68107	Arsenic	1	12.2	12.2
48855	68107	Arsenic	1	10.4	10.4
48871	68107	Arsenic	1	10.8	10.8
48886	68107	Arsenic	1	9.49	9.49
48900	68107	Arsenic	1	8.93	8.93
48904	68107	Arsenic	1	9.1	9.1
48944	68107	Arsenic	1	8.94	8.94
48952	68107	Arsenic	1	127	127
48963	68107	Arsenic	1	5.35	5.35
48973	68107	Arsenic	1	10.6	10.6
48975	68107	Arsenic	1	9.49	9.49
48977	68107	Arsenic	1	15.1	15.1
48999	68107	Arsenic	1	8.35	8.35
49012	68107	Arsenic	1	11.5	11.5
49036	68107	Arsenic	1	3.81	3.81
49070	68107	Arsenic	1	20.7	20.7
49081	68107	Arsenic	1	11	11
49082	68107	Arsenic	1	10.6	10.6
49085	68107	Arsenic	1	136	136
49098	68107	Arsenic	1	47.6	47.6
49117	68107	Arsenic	1	9.42	9.42
49126	68107	Arsenic	1	11.1	11.1
49167	68107	Arsenic	1	11.4	11.4
49208	68107	Arsenic	1	5.3	5.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49239	68107	Arsenic	1	10.3	10.3
49249	68107	Arsenic	1	16.5	16.5
49371	68107	Arsenic	1	8.24	8.24
49383	68107	Arsenic	1	44.9	44.9
49395	68107	Arsenic	1	13.6	13.6
49404	68107	Arsenic	1	14.8	14.8
49435	68107	Arsenic	1	8.48	8.48
49439	68107	Arsenic	1	10.9	10.9
49441	68107	Arsenic	1	3.335	3.335
49444	68107	Arsenic	1	4.085	4.085
50137	68107	Arsenic	1	7.02	7.02
50139	68107	Arsenic	1	2.5	2.5
50140	68107	Arsenic	1	8	8
50141	68107	Arsenic	1	2.5	2.5
50144	68107	Arsenic	1	2.5	2.5
50158	68107	Arsenic	1	27.4	27.4
50185	68107	Arsenic	1	2.5	2.5
50191	68107	Arsenic	1	2.5	2.5
50192	68107	Arsenic	1	2.5	2.5
50193	68107	Arsenic	1	7.21	7.21
50214	68107	Arsenic	1	7.56	7.56
50243	68107	Arsenic	1	3.84	3.84
50244	68107	Arsenic	1	2.5	2.5
50246	68107	Arsenic	1	3.42	3.42
50249	68107	Arsenic	1	7.16	7.16
50276	68107	Arsenic	1	2.5	2.5
50284	68107	Arsenic	1	6.22	6.22
50286	68107	Arsenic	1	7.27	7.27
50292	68107	Arsenic	1	2.5	2.5
50293	68107	Arsenic	1	6.84	6.84
50294	68107	Arsenic	1	2.5	2.5
50299	68107	Arsenic	1	5.9	5.9
50300	68107	Arsenic	1	7.04	7.04
50313	68107	Arsenic	1	6.69	6.69
50325	68107	Arsenic	1	2.5	2.5
50326	68107	Arsenic	1	5.32	5.32
50335	68107	Arsenic	1	2.5	2.5
50359	68107	Arsenic	1	2.5	2.5
50360	68107	Arsenic	1	2.5	2.5
50361	68107	Arsenic	1	5.47	5.47
50362	68107	Arsenic	1	5.12	5.12
50537	68107	Arsenic	1	4.85	4.85
76891	68107	Arsenic	1	7.8	7.8
89377	68107	Arsenic	1	2.7	2.7
89408	68107	Arsenic	1	9.6	9.6
2170	68108	Arsenic	1	8.64	8.64
2518	68108	Arsenic	1	13.2	13.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2521	68108	Arsenic	1	12.6	12.6
2522	68108	Arsenic	1	9.3	9.3
2527	68108	Arsenic	1	11.3	11.3
2532	68108	Arsenic	1	82.3	82.3
5225	68108	Arsenic	1	13.5	13.5
5227	68108	Arsenic	1	8.83	8.83
5229	68108	Arsenic	1	5.93	5.93
5284	68108	Arsenic	1	8.09	8.09
5300	68108	Arsenic	1	13	13
5304	68108	Arsenic	1	9.3	9.3
5306	68108	Arsenic	1	6.4	6.4
5332	68108	Arsenic	1	11.4	11.4
5387	68108	Arsenic	1	15.9	15.9
5390	68108	Arsenic	1	15	15
5394	68108	Arsenic	1	14.3	14.3
5395	68108	Arsenic	1	19.7	19.7
5398	68108	Arsenic	1	18.9	18.9
5403	68108	Arsenic	1	16.9	16.9
5407	68108	Arsenic	1	13.6	13.6
5408	68108	Arsenic	1	55	55
5409	68108	Arsenic	1	3.51	3.51
5416	68108	Arsenic	1	25.3	25.3
5418	68108	Arsenic	1	15.3	15.3
5422	68108	Arsenic	1	14.4	14.4
5425	68108	Arsenic	1	39.7	39.7
5426	68108	Arsenic	1	11.5	11.5
5427	68108	Arsenic	1	15.3	15.3
5429	68108	Arsenic	1	12.5	12.5
5431	68108	Arsenic	1	18.5	18.5
5432	68108	Arsenic	1	20.1	20.1
5449	68108	Arsenic	1	19.8	19.8
5450	68108	Arsenic	1	18.2	18.2
5454	68108	Arsenic	1	11.7	11.7
5460	68108	Arsenic	1	9.85	9.85
5463	68108	Arsenic	1	12.7	12.7
5467	68108	Arsenic	1	24.5	24.5
5472	68108	Arsenic	1	10.7	10.7
5473	68108	Arsenic	1	11.8	11.8
5474	68108	Arsenic	1	14.5	14.5
5480	68108	Arsenic	1	16.1	16.1
5483	68108	Arsenic	1	12	12
5485	68108	Arsenic	1	17.1	17.1
5492	68108	Arsenic	1	20.5	20.5
5505	68108	Arsenic	1	13.6	13.6
5572	68108	Arsenic	1	20.3	20.3
5607	68108	Arsenic	1	10.3	10.3
5608	68108	Arsenic	1	12.8	12.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5623	68108	Arsenic	1	10.9	10.9
5628	68108	Arsenic	1	13.9	13.9
5630	68108	Arsenic	1	19	19
5636	68108	Arsenic	1	24.6	24.6
5637	68108	Arsenic	1	10.8	10.8
5652	68108	Arsenic	1	15	15
12816	68108	Arsenic	1	7.62	7.62
12859	68108	Arsenic	1	12.9	12.9
12926	68108	Arsenic	1	12.1	12.1
12947	68108	Arsenic	1	12.4	12.4
13102	68108	Arsenic	1	12.8	12.8
13164	68108	Arsenic	1	42.4	42.4
13184	68108	Arsenic	1	14.8	14.8
13189	68108	Arsenic	1	10.5	10.5
13239	68108	Arsenic	1	29.1	29.1
13267	68108	Arsenic	1	13	13
13436	68108	Arsenic	1	12.8	12.8
13485	68108	Arsenic	1	20.7	20.7
13529	68108	Arsenic	1	9.57	9.57
13530	68108	Arsenic	1	11	11
13536	68108	Arsenic	1	94.9	94.9
13575	68108	Arsenic	1	8.46	8.46
13645	68108	Arsenic	1	10.8	10.8
13661	68108	Arsenic	1	9.29	9.29
13674	68108	Arsenic	1	12.4	12.4
13675	68108	Arsenic	1	23.8	23.8
13760	68108	Arsenic	1	5.91	5.91
13773	68108	Arsenic	1	11.4	11.4
13795	68108	Arsenic	1	15.4	15.4
13941	68108	Arsenic	1	10.5	10.5
14043	68108	Arsenic	1	12.8	12.8
14076	68108	Arsenic	1	3.475	3.475
14079	68108	Arsenic	1	9.03	9.03
14130	68108	Arsenic	1	10.7	10.7
14140	68108	Arsenic	1	12.1	12.1
14203	68108	Arsenic	1	8.42	8.42
14270	68108	Arsenic	1	7.49	7.49
14279	68108	Arsenic	1	6.33	6.33
14290	68108	Arsenic	1	16.9	16.9
14438	68108	Arsenic	1	2.5	2.5
14449	68108	Arsenic	1	12.8	12.8
14481	68108	Arsenic	1	14.8	14.8
14486	68108	Arsenic	1	21.6	21.6
14497	68108	Arsenic	1	12.4	12.4
14537	68108	Arsenic	1	17.3	17.3
14545	68108	Arsenic	1	9.6	9.6
14576	68108	Arsenic	1	12.4	12.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14578	68108	Arsenic	1	11.5	11.5
14617	68108	Arsenic	1	9.35	9.35
14660	68108	Arsenic	1	15.4	15.4
14692	68108	Arsenic	1	14.3	14.3
14720	68108	Arsenic	1	9.68	9.68
14818	68108	Arsenic	1	13.9	13.9
14825	68108	Arsenic	1	12.4	12.4
14849	68108	Arsenic	1	12.1	12.1
14855	68108	Arsenic	1	2.5	2.5
14878	68108	Arsenic	1	8.36	8.36
14914	68108	Arsenic	1	14.9	14.9
14998	68108	Arsenic	1	12.2	12.2
15001	68108	Arsenic	1	12.7	12.7
15051	68108	Arsenic	1	17.8	17.8
15053	68108	Arsenic	1	14.1	14.1
15116	68108	Arsenic	1	7.24	7.24
15135	68108	Arsenic	1	13.8	13.8
15248	68108	Arsenic	1	10	10
15256	68108	Arsenic	1	6.69	6.69
15266	68108	Arsenic	1	15.3	15.3
15337	68108	Arsenic	1	13.5	13.5
15443	68108	Arsenic	1	13.7	13.7
15468	68108	Arsenic	1	13.6	13.6
15601	68108	Arsenic	1	9.97	9.97
15603	68108	Arsenic	1	10.1	10.1
15687	68108	Arsenic	1	13.9	13.9
15748	68108	Arsenic	1	17.8	17.8
15768	68108	Arsenic	1	10.2	10.2
15915	68108	Arsenic	1	14.1	14.1
15939	68108	Arsenic	1	16.9	16.9
15955	68108	Arsenic	1	13.9	13.9
15966	68108	Arsenic	1	10.7	10.7
15980	68108	Arsenic	1	13.1	13.1
16006	68108	Arsenic	1	18.3	18.3
16126	68108	Arsenic	1	9.41	9.41
16135	68108	Arsenic	1	6.38	6.38
16137	68108	Arsenic	1	14.4	14.4
16145	68108	Arsenic	1	5.05	5.05
16261	68108	Arsenic	1	9.14	9.14
16267	68108	Arsenic	1	8.46	8.46
16319	68108	Arsenic	1	12.9	12.9
16349	68108	Arsenic	1	7.7	7.7
16446	68108	Arsenic	1	7.95	7.95
16530	68108	Arsenic	1	68.5	68.5
16556	68108	Arsenic	1	11.1	11.1
16581	68108	Arsenic	1	10.4	10.4
16595	68108	Arsenic	1	12.8	12.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16599	68108	Arsenic	1	6.2	6.2
16711	68108	Arsenic	1	15.8	15.8
16813	68108	Arsenic	1	21.7	21.7
16973	68108	Arsenic	1	11.8	11.8
17004	68108	Arsenic	1	13.9	13.9
17005	68108	Arsenic	1	15.6	15.6
17022	68108	Arsenic	1	18.1	18.1
17242	68108	Arsenic	1	7.2	7.2
17247	68108	Arsenic	1	12.3	12.3
17282	68108	Arsenic	1	22.7	22.7
17316	68108	Arsenic	1	9.3	9.3
17323	68108	Arsenic	1	9.06	9.06
17335	68108	Arsenic	1	6.66	6.66
17360	68108	Arsenic	1	12.3	12.3
17414	68108	Arsenic	1	10.9	10.9
17416	68108	Arsenic	1	17	17
17417	68108	Arsenic	1	18.4	18.4
17418	68108	Arsenic	1	10.9	10.9
17461	68108	Arsenic	1	11.4	11.4
17498	68108	Arsenic	1	9.07	9.07
17550	68108	Arsenic	1	5.4	5.4
17671	68108	Arsenic	1	4.755	4.755
17699	68108	Arsenic	1	8.95	8.95
17700	68108	Arsenic	1	9.4	9.4
17701	68108	Arsenic	1	193	193
17703	68108	Arsenic	1	9.15	9.15
17732	68108	Arsenic	1	10.8	10.8
17778	68108	Arsenic	1	34.9	34.9
17840	68108	Arsenic	1	17.1	17.1
17849	68108	Arsenic	1	8.51	8.51
17861	68108	Arsenic	1	35.6	35.6
17864	68108	Arsenic	1	10.2	10.2
17865	68108	Arsenic	1	13.1	13.1
17908	68108	Arsenic	1	48.6	48.6
17945	68108	Arsenic	1	9.02	9.02
17963	68108	Arsenic	1	24.2	24.2
17968	68108	Arsenic	1	8.5	8.5
17985	68108	Arsenic	1	6.4	6.4
18129	68108	Arsenic	1	11.8	11.8
18148	68108	Arsenic	1	8.9	8.9
18179	68108	Arsenic	1	6.8	6.8
18198	68108	Arsenic	1	14.3	14.3
18218	68108	Arsenic	1	15.1	15.1
18222	68108	Arsenic	1	11.5	11.5
18249	68108	Arsenic	1	11.9	11.9
18328	68108	Arsenic	1	6.4	6.4
18330	68108	Arsenic	1	20.5	20.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18339	68108	Arsenic	1	11	11
18385	68108	Arsenic	1	32.9	32.9
18422	68108	Arsenic	1	15.9	15.9
18435	68108	Arsenic	1	10.3	10.3
18461	68108	Arsenic	1	9.4	9.4
18486	68108	Arsenic	1	13.2	13.2
18532	68108	Arsenic	1	11.7	11.7
18547	68108	Arsenic	1	17.6	17.6
18597	68108	Arsenic	1	12.2	12.2
18634	68108	Arsenic	1	15.6	15.6
18664	68108	Arsenic	1	9.35	9.35
18687	68108	Arsenic	1	16.5	16.5
18691	68108	Arsenic	1	10.3	10.3
18697	68108	Arsenic	1	9.4	9.4
18712	68108	Arsenic	1	16.4	16.4
18718	68108	Arsenic	1	11.1	11.1
18749	68108	Arsenic	1	11.5	11.5
18800	68108	Arsenic	1	2.5	2.5
18802	68108	Arsenic	1	8.77	8.77
18833	68108	Arsenic	1	10.7	10.7
18890	68108	Arsenic	1	34.4	34.4
18903	68108	Arsenic	1	15.1	15.1
18943	68108	Arsenic	1	11.6	11.6
18968	68108	Arsenic	1	13.7	13.7
18988	68108	Arsenic	1	15.4	15.4
19030	68108	Arsenic	1	9.78	9.78
19116	68108	Arsenic	1	27.2	27.2
19126	68108	Arsenic	1	11.3	11.3
19153	68108	Arsenic	1	27.3	27.3
19190	68108	Arsenic	1	34.7	34.7
19343	68108	Arsenic	1	15	15
19371	68108	Arsenic	1	7.89	7.89
19373	68108	Arsenic	1	11	11
19417	68108	Arsenic	1	11.3	11.3
19440	68108	Arsenic	1	17	17
19444	68108	Arsenic	1	15.2	15.2
19474	68108	Arsenic	1	12.4	12.4
19640	68108	Arsenic	1	3.255	3.255
19660	68108	Arsenic	1	11.9	11.9
19680	68108	Arsenic	1	7.98	7.98
19792	68108	Arsenic	1	13.1	13.1
19875	68108	Arsenic	1	13	13
19920	68108	Arsenic	1	49.1	49.1
19988	68108	Arsenic	1	2.45	2.45
20044	68108	Arsenic	1	34	34
20137	68108	Arsenic	1	6.03	6.03
20149	68108	Arsenic	1	13.4	13.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20168	68108	Arsenic	1	29.8	29.8
20169	68108	Arsenic	1	9.6	9.6
20244	68108	Arsenic	1	8.79	8.79
20285	68108	Arsenic	1	15.1	15.1
20287	68108	Arsenic	1	12.7	12.7
20344	68108	Arsenic	1	4.39	4.39
20367	68108	Arsenic	1	10.2	10.2
20464	68108	Arsenic	1	11.4	11.4
20467	68108	Arsenic	1	6.7	6.7
20567	68108	Arsenic	1	5.45	5.45
20588	68108	Arsenic	1	9.8	9.8
20608	68108	Arsenic	1	16.1	16.1
20629	68108	Arsenic	1	34.9	34.9
20671	68108	Arsenic	1	21.4	21.4
20746	68108	Arsenic	1	11.4	11.4
20752	68108	Arsenic	1	8.5	8.5
20831	68108	Arsenic	1	21.5	21.5
20881	68108	Arsenic	1	7	7
20922	68108	Arsenic	1	7.3	7.3
21123	68108	Arsenic	1	13	13
21190	68108	Arsenic	1	10	10
21502	68108	Arsenic	1	14.1	14.1
21582	68108	Arsenic	1	9.4	9.4
21729	68108	Arsenic	1	6.92	6.92
21863	68108	Arsenic	1	18.1	18.1
22203	68108	Arsenic	1	14.2	14.2
22282	68108	Arsenic	1	5.15	5.15
50453	68108	Arsenic	1	8.57	8.57
50624	68108	Arsenic	1	14.4	14.4
74047	68108	Arsenic	1	2.9	2.9
79306	68108	Arsenic	1	8.9	8.9
87989	68108	Arsenic	1	12.1	12.1
88004	68108	Arsenic	1	11	11
88031	68108	Arsenic	1	3.15	3.15
89842	68108	Arsenic	1	8.6	8.6
90601	68108	Arsenic	1	7.4	7.4
92372	68108	Arsenic	1	21.1	21.1
93003	68108	Arsenic	1	10.6	10.6
93522	68108	Arsenic	1	10.3	10.3
2069	68110	Arsenic	1	11.2	11.2
2280	68110	Arsenic	1	12.5	12.5
2354	68110	Arsenic	1	15.4	15.4
2355	68110	Arsenic	1	15	15
2539	68110	Arsenic	1	18.5	18.5
3136	68110	Arsenic	1	21	21
5258	68110	Arsenic	1	10.7	10.7
5388	68110	Arsenic	1	11.3	11.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5520	68110	Arsenic	1	29	29
5525	68110	Arsenic	1	19.8	19.8
5527	68110	Arsenic	1	17.8	17.8
5530	68110	Arsenic	1	14.5	14.5
5532	68110	Arsenic	1	20.7	20.7
5536	68110	Arsenic	1	13.5	13.5
5541	68110	Arsenic	1	12.3	12.3
5544	68110	Arsenic	1	8.29	8.29
5546	68110	Arsenic	1	13.1	13.1
5551	68110	Arsenic	1	31.9	31.9
5559	68110	Arsenic	1	23.2	23.2
5560	68110	Arsenic	1	21.1	21.1
5561	68110	Arsenic	1	24.5	24.5
5563	68110	Arsenic	1	10.9	10.9
5565	68110	Arsenic	1	15.5	15.5
5566	68110	Arsenic	1	13.4	13.4
5612	68110	Arsenic	1	26.1	26.1
5614	68110	Arsenic	1	18.7	18.7
5641	68110	Arsenic	1	11.4	11.4
5650	68110	Arsenic	1	6.9	6.9
5651	68110	Arsenic	1	12	12
26122	68110	Arsenic	1	12.4	12.4
26133	68110	Arsenic	1	10.7	10.7
26234	68110	Arsenic	1	7.2	7.2
26341	68110	Arsenic	1	9.47	9.47
26410	68110	Arsenic	1	14.4	14.4
26447	68110	Arsenic	1	5	5
26465	68110	Arsenic	1	14.4	14.4
26527	68110	Arsenic	1	7.45	7.45
26550	68110	Arsenic	1	13.1	13.1
26762	68110	Arsenic	1	10.3	10.3
27034	68110	Arsenic	1	2.5	2.5
27069	68110	Arsenic	1	42.1	42.1
27291	68110	Arsenic	1	15	15
27435	68110	Arsenic	1	16.4	16.4
27589	68110	Arsenic	1	13.4	13.4
27592	68110	Arsenic	1	17.8	17.8
27683	68110	Arsenic	1	8.7	8.7
27704	68110	Arsenic	1	22.2	22.2
27756	68110	Arsenic	1	18.6	18.6
27815	68110	Arsenic	1	6.28	6.28
27822	68110	Arsenic	1	13.1	13.1
27826	68110	Arsenic	1	12.4	12.4
27840	68110	Arsenic	1	13.5	13.5
27844	68110	Arsenic	1	8.38	8.38
27884	68110	Arsenic	1	17.9	17.9
27907	68110	Arsenic	1	36.5	36.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27927	68110	Arsenic	1	17.8	17.8
27984	68110	Arsenic	1	32.4	32.4
28074	68110	Arsenic	1	12.3	12.3
28075	68110	Arsenic	1	17.2	17.2
28120	68110	Arsenic	1	18.4	18.4
28167	68110	Arsenic	1	6.75	6.75
28226	68110	Arsenic	1	4.27	4.27
28335	68110	Arsenic	1	14.4	14.4
28360	68110	Arsenic	1	29.6	29.6
28404	68110	Arsenic	1	14.3	14.3
28421	68110	Arsenic	1	16.1	16.1
28455	68110	Arsenic	1	16.4	16.4
28501	68110	Arsenic	1	14	14
28550	68110	Arsenic	1	9.11	9.11
28591	68110	Arsenic	1	18.3	18.3
28647	68110	Arsenic	1	41	41
28670	68110	Arsenic	1	12	12
28711	68110	Arsenic	1	22	22
28717	68110	Arsenic	1	15.8	15.8
28726	68110	Arsenic	1	44.4	44.4
28905	68110	Arsenic	1	9.33	9.33
28977	68110	Arsenic	1	14.2	14.2
28999	68110	Arsenic	1	39.3	39.3
29058	68110	Arsenic	1	20.3	20.3
29063	68110	Arsenic	1	15	15
29084	68110	Arsenic	1	13.7	13.7
29093	68110	Arsenic	1	11.5	11.5
29095	68110	Arsenic	1	14.8	14.8
29117	68110	Arsenic	1	19.3	19.3
29135	68110	Arsenic	1	14	14
29207	68110	Arsenic	1	11.4	11.4
29238	68110	Arsenic	1	6.79	6.79
29257	68110	Arsenic	1	13.6	13.6
29271	68110	Arsenic	1	4.06	4.06
29283	68110	Arsenic	1	17	17
29290	68110	Arsenic	1	15.5	15.5
29332	68110	Arsenic	1	16.3	16.3
29360	68110	Arsenic	1	26.8	26.8
29361	68110	Arsenic	1	12.9	12.9
29393	68110	Arsenic	1	4.415	4.415
29421	68110	Arsenic	1	15.1	15.1
29493	68110	Arsenic	1	18.6	18.6
29500	68110	Arsenic	1	13.7	13.7
29505	68110	Arsenic	1	14.1	14.1
29550	68110	Arsenic	1	12.6	12.6
29610	68110	Arsenic	1	10.5	10.5
29634	68110	Arsenic	1	19.2	19.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29665	68110	Arsenic	1	11.2	11.2
29753	68110	Arsenic	1	9.1	9.1
29774	68110	Arsenic	1	10.7	10.7
29786	68110	Arsenic	1	13.1	13.1
29795	68110	Arsenic	1	15.9	15.9
29844	68110	Arsenic	1	14.7	14.7
29877	68110	Arsenic	1	12.3	12.3
29887	68110	Arsenic	1	20.9	20.9
29911	68110	Arsenic	1	16.4	16.4
29913	68110	Arsenic	1	19.7	19.7
29920	68110	Arsenic	1	4.35	4.35
29921	68110	Arsenic	1	3.935	3.935
29934	68110	Arsenic	1	5.6	5.6
29942	68110	Arsenic	1	12.7	12.7
29943	68110	Arsenic	1	20.4	20.4
30017	68110	Arsenic	1	10.2	10.2
30172	68110	Arsenic	1	60.8	60.8
30189	68110	Arsenic	1	11.6	11.6
30210	68110	Arsenic	1	7.97	7.97
30291	68110	Arsenic	1	12.4	12.4
30394	68110	Arsenic	1	18.7	18.7
30410	68110	Arsenic	1	11.2	11.2
30422	68110	Arsenic	1	11.6	11.6
30443	68110	Arsenic	1	15.6	15.6
30469	68110	Arsenic	1	17.4	17.4
30470	68110	Arsenic	1	11.6	11.6
30500	68110	Arsenic	1	10.8	10.8
30551	68110	Arsenic	1	19.8	19.8
30556	68110	Arsenic	1	15.9	15.9
30566	68110	Arsenic	1	13.1	13.1
30575	68110	Arsenic	1	15.2	15.2
30633	68110	Arsenic	1	19.7	19.7
30651	68110	Arsenic	1	14.2	14.2
30688	68110	Arsenic	1	3.985	3.985
30705	68110	Arsenic	1	16.5	16.5
30786	68110	Arsenic	1	14.6	14.6
30803	68110	Arsenic	1	13.4	13.4
30870	68110	Arsenic	1	12.8	12.8
30954	68110	Arsenic	1	17.4	17.4
30980	68110	Arsenic	1	11.6	11.6
31097	68110	Arsenic	1	10.1	10.1
31153	68110	Arsenic	1	17.4	17.4
31174	68110	Arsenic	1	16.8	16.8
31223	68110	Arsenic	1	16.3	16.3
31231	68110	Arsenic	1	14	14
31350	68110	Arsenic	1	12.2	12.2
31401	68110	Arsenic	1	18.5	18.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31568	68110	Arsenic	1	11.7	11.7
31645	68110	Arsenic	1	14.8	14.8
31757	68110	Arsenic	1	12.6	12.6
31760	68110	Arsenic	1	3.53	3.53
31814	68110	Arsenic	1	29.8	29.8
31832	68110	Arsenic	1	9.25	9.25
31959	68110	Arsenic	1	6.85	6.85
32019	68110	Arsenic	1	11.5	11.5
32039	68110	Arsenic	1	7.86	7.86
32043	68110	Arsenic	1	11.4	11.4
32063	68110	Arsenic	1	10.1	10.1
32214	68110	Arsenic	1	11	11
32373	68110	Arsenic	1	29.9	29.9
32484	68110	Arsenic	1	19	19
32508	68110	Arsenic	1	11.4	11.4
32529	68110	Arsenic	1	11	11
32536	68110	Arsenic	1	7.71	7.71
32570	68110	Arsenic	1	15.9	15.9
32645	68110	Arsenic	1	20.1	20.1
32707	68110	Arsenic	1	19.6	19.6
32727	68110	Arsenic	1	15.3	15.3
32733	68110	Arsenic	1	14.8	14.8
32734	68110	Arsenic	1	8.5	8.5
32875	68110	Arsenic	1	17.2	17.2
32903	68110	Arsenic	1	13	13
32915	68110	Arsenic	1	11.8	11.8
32927	68110	Arsenic	1	11.2	11.2
32996	68110	Arsenic	1	8.5	8.5
33078	68110	Arsenic	1	7.4	7.4
33084	68110	Arsenic	1	16.3	16.3
33280	68110	Arsenic	1	14.1	14.1
33421	68110	Arsenic	1	14.3	14.3
33468	68110	Arsenic	1	9.9	9.9
33472	68110	Arsenic	1	6.1	6.1
33477	68110	Arsenic	1	9.5	9.5
33483	68110	Arsenic	1	14.3	14.3
33512	68110	Arsenic	1	9.27	9.27
33519	68110	Arsenic	1	11.8	11.8
33543	68110	Arsenic	1	11.7	11.7
33555	68110	Arsenic	1	16.6	16.6
33602	68110	Arsenic	1	13.3	13.3
33629	68110	Arsenic	1	8.9	8.9
33635	68110	Arsenic	1	14.2	14.2
33714	68110	Arsenic	1	16.7	16.7
33725	68110	Arsenic	1	17.9	17.9
33840	68110	Arsenic	1	11.6	11.6
33927	68110	Arsenic	1	14.3	14.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34002	68110	Arsenic	1	10.8	10.8
34047	68110	Arsenic	1	52	52
34116	68110	Arsenic	1	16.4	16.4
34237	68110	Arsenic	1	16.8	16.8
34260	68110	Arsenic	1	7.17	7.17
34266	68110	Arsenic	1	5.9	5.9
34272	68110	Arsenic	1	12	12
34276	68110	Arsenic	1	12.4	12.4
34287	68110	Arsenic	1	5.3	5.3
34613	68110	Arsenic	1	2.5	2.5
34625	68110	Arsenic	1	6.4	6.4
34638	68110	Arsenic	1	9.95	9.95
34674	68110	Arsenic	1	10.6	10.6
34696	68110	Arsenic	1	7.4	7.4
34710	68110	Arsenic	1	23.8	23.8
34733	68110	Arsenic	1	71.5	71.5
34738	68110	Arsenic	1	6.7	6.7
34742	68110	Arsenic	1	2.5	2.5
34821	68110	Arsenic	1	9.77	9.77
35022	68110	Arsenic	1	5.1	5.1
35047	68110	Arsenic	1	12.2	12.2
35180	68110	Arsenic	1	9.31	9.31
35183	68110	Arsenic	1	9.31	9.31
35249	68110	Arsenic	1	14.6	14.6
35384	68110	Arsenic	1	12	12
35438	68110	Arsenic	1	8.56	8.56
35501	68110	Arsenic	1	11.3	11.3
35558	68110	Arsenic	1	9.24	9.24
35589	68110	Arsenic	1	7.98	7.98
35637	68110	Arsenic	1	10	10
35710	68110	Arsenic	1	8.76	8.76
35754	68110	Arsenic	1	12.4	12.4
35787	68110	Arsenic	1	3.07	3.07
35792	68110	Arsenic	1	12.6	12.6
35793	68110	Arsenic	1	8.31	8.31
36189	68110	Arsenic	1	10.2	10.2
37075	68110	Arsenic	1	9.45	9.45
37434	68110	Arsenic	1	23.2	23.2
37456	68110	Arsenic	1	21.2	21.2
37525	68110	Arsenic	1	35.6	35.6
37674	68110	Arsenic	1	10.2	10.2
37821	68110	Arsenic	1	11.5	11.5
38725	68110	Arsenic	1	36.3	36.3
38863	68110	Arsenic	1	47.5	47.5
39142	68110	Arsenic	1	8.9	8.9
39271	68110	Arsenic	1	9.02	9.02
39434	68110	Arsenic	1	11.1	11.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
39572	68110	Arsenic	1	231	231
55636	68110	Arsenic	1	10.5	10.5
74149	68110	Arsenic	1	10.2	10.2
79377	68110	Arsenic	1	11.8	11.8
81398	68110	Arsenic	1	8.2	8.2
81400	68110	Arsenic	1	9.1	9.1
87991	68110	Arsenic	1	10.7	10.7
90908	68110	Arsenic	1	17.2	17.2
91449	68110	Arsenic	1	2.85	2.85
92501	68110	Arsenic	1	10	10
92675	68110	Arsenic	1	8.4	8.4
93337	68110	Arsenic	1	8.4	8.4
93338	68110	Arsenic	1	9.2	9.2
93342	68110	Arsenic	1	10.6	10.6
93344	68110	Arsenic	1	8.2	8.2
93345	68110	Arsenic	1	9.8	9.8
2035	68111	Arsenic	1	13.3	13.3
2075	68111	Arsenic	1	32.7	32.7
2103	68111	Arsenic	1	6.36	6.36
2109	68111	Arsenic	1	12.4	12.4
2118	68111	Arsenic	1	2.76	2.76
2121	68111	Arsenic	1	12.1	12.1
2126	68111	Arsenic	1	9.12	9.12
2154	68111	Arsenic	1	10.1	10.1
2179	68111	Arsenic	1	42.4	42.4
2216	68111	Arsenic	1	12.4	12.4
2225	68111	Arsenic	1	9.59	9.59
2231	68111	Arsenic	1	2.5	2.5
2262	68111	Arsenic	1	12.2	12.2
2365	68111	Arsenic	1	9.71	9.71
2425	68111	Arsenic	1	13.5	13.5
2565	68111	Arsenic	1	8.01	8.01
3046	68111	Arsenic	1	10.4	10.4
3051	68111	Arsenic	1	8.13	8.13
3058	68111	Arsenic	1	63.6	63.6
3091	68111	Arsenic	1	435	435
3133	68111	Arsenic	1	10	10
3151	68111	Arsenic	1	5.93	5.93
5013	68111	Arsenic	1	16.2	16.2
5085	68111	Arsenic	1	11.2	11.2
5170	68111	Arsenic	1	2.5	2.5
5171	68111	Arsenic	1	7.64	7.64
5204	68111	Arsenic	1	11.6	11.6
5206	68111	Arsenic	1	11.7	11.7
5208	68111	Arsenic	1	11.4	11.4
5215	68111	Arsenic	1	11.5	11.5
5221	68111	Arsenic	1	14.9	14.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5230	68111	Arsenic	1	9.53	9.53
5232	68111	Arsenic	1	12.3	12.3
5234	68111	Arsenic	1	12.4	12.4
5236	68111	Arsenic	1	12.4	12.4
5238	68111	Arsenic	1	13.5	13.5
5240	68111	Arsenic	1	11.4	11.4
5242	68111	Arsenic	1	12.4	12.4
5246	68111	Arsenic	1	21	21
5288	68111	Arsenic	1	7.33	7.33
5296	68111	Arsenic	1	2.5	2.5
5330	68111	Arsenic	1	21.8	21.8
5333	68111	Arsenic	1	7.79	7.79
5513	68111	Arsenic	1	14.7	14.7
5514	68111	Arsenic	1	12.1	12.1
5618	68111	Arsenic	1	11.8	11.8
25647	68111	Arsenic	1	14	14
25663	68111	Arsenic	1	12.5	12.5
25670	68111	Arsenic	1	7.5	7.5
25708	68111	Arsenic	1	10.1	10.1
25709	68111	Arsenic	1	8.8	8.8
25750	68111	Arsenic	1	2.5	2.5
25780	68111	Arsenic	1	8.6	8.6
25786	68111	Arsenic	1	40	40
25794	68111	Arsenic	1	11.1	11.1
25804	68111	Arsenic	1	8.06	8.06
25805	68111	Arsenic	1	11.2	11.2
25834	68111	Arsenic	1	12.5	12.5
25849	68111	Arsenic	1	11.8	11.8
25869	68111	Arsenic	1	11	11
25874	68111	Arsenic	1	15.2	15.2
25877	68111	Arsenic	1	2.5	2.5
25894	68111	Arsenic	1	39.3	39.3
25903	68111	Arsenic	1	2.5	2.5
25918	68111	Arsenic	1	7.3	7.3
25921	68111	Arsenic	1	4.195	4.195
25977	68111	Arsenic	1	7.75	7.75
25985	68111	Arsenic	1	13.1	13.1
26005	68111	Arsenic	1	7.45	7.45
26009	68111	Arsenic	1	18.6	18.6
26011	68111	Arsenic	1	9.4	9.4
26030	68111	Arsenic	1	16.3	16.3
26042	68111	Arsenic	1	12.6	12.6
26043	68111	Arsenic	1	13.2	13.2
26045	68111	Arsenic	1	14.8	14.8
26053	68111	Arsenic	1	6.81	6.81
26084	68111	Arsenic	1	13.2	13.2
26100	68111	Arsenic	1	72.6	72.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26124	68111	Arsenic	1	13.3	13.3
26135	68111	Arsenic	1	5.15	5.15
26142	68111	Arsenic	1	6.84	6.84
26149	68111	Arsenic	1	2.5	2.5
26160	68111	Arsenic	1	11.1	11.1
26164	68111	Arsenic	1	14.7	14.7
26191	68111	Arsenic	1	14.2	14.2
26199	68111	Arsenic	1	15	15
26202	68111	Arsenic	1	5.65	5.65
26204	68111	Arsenic	1	2.5	2.5
26211	68111	Arsenic	1	9.92	9.92
26215	68111	Arsenic	1	16.9	16.9
26228	68111	Arsenic	1	11.1	11.1
26229	68111	Arsenic	1	11.3	11.3
26231	68111	Arsenic	1	10	10
26249	68111	Arsenic	1	8.9	8.9
26257	68111	Arsenic	1	7.09	7.09
26263	68111	Arsenic	1	222	222
26288	68111	Arsenic	1	18.4	18.4
26289	68111	Arsenic	1	11.2	11.2
26290	68111	Arsenic	1	12.7	12.7
26295	68111	Arsenic	1	10.8	10.8
26303	68111	Arsenic	1	9.33	9.33
26327	68111	Arsenic	1	13.9	13.9
26372	68111	Arsenic	1	513	513
26428	68111	Arsenic	1	26.9	26.9
26456	68111	Arsenic	1	191	191
26459	68111	Arsenic	1	37.1	37.1
26480	68111	Arsenic	1	18.2	18.2
26485	68111	Arsenic	1	9.74	9.74
26514	68111	Arsenic	1	12	12
26518	68111	Arsenic	1	11.3	11.3
26543	68111	Arsenic	1	2.5	2.5
26570	68111	Arsenic	1	48.6	48.6
26604	68111	Arsenic	1	2.5	2.5
26653	68111	Arsenic	1	22.2	22.2
26663	68111	Arsenic	1	14.4	14.4
26665	68111	Arsenic	1	8.91	8.91
26682	68111	Arsenic	1	11.6	11.6
26695	68111	Arsenic	1	12.2	12.2
26716	68111	Arsenic	1	8.83	8.83
26742	68111	Arsenic	1	13.5	13.5
26757	68111	Arsenic	1	13.2	13.2
26759	68111	Arsenic	1	3.88	3.88
26772	68111	Arsenic	1	16.2	16.2
26779	68111	Arsenic	1	15.9	15.9
26783	68111	Arsenic	1	16.9	16.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26834	68111	Arsenic	1	12.5	12.5
26844	68111	Arsenic	1	2.5	2.5
26858	68111	Arsenic	1	7.4	7.4
26865	68111	Arsenic	1	13.5	13.5
26868	68111	Arsenic	1	2.5	2.5
26869	68111	Arsenic	1	15.2	15.2
26877	68111	Arsenic	1	55.2	55.2
26891	68111	Arsenic	1	6.42	6.42
26948	68111	Arsenic	1	49.4	49.4
26955	68111	Arsenic	1	11.3	11.3
26967	68111	Arsenic	1	13.8	13.8
26996	68111	Arsenic	1	13.3	13.3
26997	68111	Arsenic	1	17.7	17.7
26999	68111	Arsenic	1	16.2	16.2
27005	68111	Arsenic	1	13.7	13.7
27031	68111	Arsenic	1	12.1	12.1
27038	68111	Arsenic	1	10.8	10.8
27052	68111	Arsenic	1	9.55	9.55
27074	68111	Arsenic	1	2.5	2.5
27096	68111	Arsenic	1	201	201
27107	68111	Arsenic	1	3.875	3.875
27117	68111	Arsenic	1	6.2	6.2
27120	68111	Arsenic	1	17	17
27137	68111	Arsenic	1	12.9	12.9
27138	68111	Arsenic	1	11.2	11.2
27139	68111	Arsenic	1	10.4	10.4
27140	68111	Arsenic	1	2.5	2.5
27142	68111	Arsenic	1	107	107
27144	68111	Arsenic	1	9.1	9.1
27145	68111	Arsenic	1	21.4	21.4
27148	68111	Arsenic	1	6.38	6.38
27177	68111	Arsenic	1	5.8	5.8
27185	68111	Arsenic	1	11.7	11.7
27191	68111	Arsenic	1	10.9	10.9
27193	68111	Arsenic	1	7.27	7.27
27202	68111	Arsenic	1	2.5	2.5
27264	68111	Arsenic	1	13.8	13.8
27266	68111	Arsenic	1	5.14	5.14
27269	68111	Arsenic	1	12.2	12.2
27278	68111	Arsenic	1	7.99	7.99
27308	68111	Arsenic	1	9.52	9.52
27315	68111	Arsenic	1	12.4	12.4
27318	68111	Arsenic	1	14.7	14.7
27342	68111	Arsenic	1	2.635	2.635
27347	68111	Arsenic	1	11.6	11.6
27366	68111	Arsenic	1	13.4	13.4
27369	68111	Arsenic	1	5.46	5.46

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27399	68111	Arsenic	1	10	10
27402	68111	Arsenic	1	7.1	7.1
27446	68111	Arsenic	1	9	9
27461	68111	Arsenic	1	5.7	5.7
27467	68111	Arsenic	1	8.57	8.57
27475	68111	Arsenic	1	8.44	8.44
27481	68111	Arsenic	1	39.9	39.9
27488	68111	Arsenic	1	17.4	17.4
27524	68111	Arsenic	1	6.26	6.26
27567	68111	Arsenic	1	5.05	5.05
27581	68111	Arsenic	1	10.6	10.6
27585	68111	Arsenic	1	7.86	7.86
27604	68111	Arsenic	1	9.61	9.61
27608	68111	Arsenic	1	9.74	9.74
27630	68111	Arsenic	1	8.91	8.91
27632	68111	Arsenic	1	8.81	8.81
27658	68111	Arsenic	1	7.2	7.2
27718	68111	Arsenic	1	11.8	11.8
27734	68111	Arsenic	1	11.8	11.8
27739	68111	Arsenic	1	24	24
27742	68111	Arsenic	1	10.7	10.7
27764	68111	Arsenic	1	12.9	12.9
27768	68111	Arsenic	1	6.83	6.83
27780	68111	Arsenic	1	31.6	31.6
27854	68111	Arsenic	1	7.53	7.53
27859	68111	Arsenic	1	9.44	9.44
27885	68111	Arsenic	1	35.3	35.3
27886	68111	Arsenic	1	12.9	12.9
27913	68111	Arsenic	1	5.52	5.52
27920	68111	Arsenic	1	10.5	10.5
27924	68111	Arsenic	1	2.5	2.5
27939	68111	Arsenic	1	13.3	13.3
27962	68111	Arsenic	1	18.3	18.3
28004	68111	Arsenic	1	22.9	22.9
28011	68111	Arsenic	1	13.6	13.6
28019	68111	Arsenic	1	107	107
28020	68111	Arsenic	1	2.5	2.5
28022	68111	Arsenic	1	7.32	7.32
28045	68111	Arsenic	1	5.75	5.75
28065	68111	Arsenic	1	14.9	14.9
28072	68111	Arsenic	1	9.9	9.9
28105	68111	Arsenic	1	8.97	8.97
28108	68111	Arsenic	1	8.81	8.81
28144	68111	Arsenic	1	10.6	10.6
28148	68111	Arsenic	1	13.3	13.3
28154	68111	Arsenic	1	4.53	4.53
28157	68111	Arsenic	1	11.7	11.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28185	68111	Arsenic	1	6.9	6.9
28186	68111	Arsenic	1	12	12
28188	68111	Arsenic	1	5.83	5.83
28218	68111	Arsenic	1	7.37	7.37
28222	68111	Arsenic	1	11.1	11.1
28273	68111	Arsenic	1	11.4	11.4
28284	68111	Arsenic	1	23.4	23.4
28329	68111	Arsenic	1	12.1	12.1
28338	68111	Arsenic	1	6.6	6.6
28375	68111	Arsenic	1	18	18
28377	68111	Arsenic	1	16.4	16.4
28417	68111	Arsenic	1	18.7	18.7
28423	68111	Arsenic	1	9.9	9.9
28434	68111	Arsenic	1	13.9	13.9
28518	68111	Arsenic	1	14.4	14.4
28544	68111	Arsenic	1	7.87	7.87
28558	68111	Arsenic	1	16.3	16.3
28561	68111	Arsenic	1	2.5	2.5
28573	68111	Arsenic	1	8.3	8.3
28611	68111	Arsenic	1	10.9	10.9
28612	68111	Arsenic	1	6.7	6.7
28618	68111	Arsenic	1	5.88	5.88
28623	68111	Arsenic	1	12.7	12.7
28625	68111	Arsenic	1	9.44	9.44
28648	68111	Arsenic	1	12.3	12.3
28661	68111	Arsenic	1	8.03	8.03
28688	68111	Arsenic	1	2.5	2.5
28709	68111	Arsenic	1	15.7	15.7
28713	68111	Arsenic	1	9.4	9.4
28725	68111	Arsenic	1	11.4	11.4
28730	68111	Arsenic	1	13.2	13.2
28749	68111	Arsenic	1	13	13
28763	68111	Arsenic	1	8.56	8.56
28764	68111	Arsenic	1	19.9	19.9
28766	68111	Arsenic	1	2.5	2.5
28781	68111	Arsenic	1	7.76	7.76
28785	68111	Arsenic	1	11.7	11.7
28798	68111	Arsenic	1	16	16
28799	68111	Arsenic	1	13	13
28809	68111	Arsenic	1	7.44	7.44
28811	68111	Arsenic	1	2.5	2.5
28819	68111	Arsenic	1	19.1	19.1
28836	68111	Arsenic	1	19.7	19.7
28837	68111	Arsenic	1	10.5	10.5
28841	68111	Arsenic	1	11.3	11.3
28846	68111	Arsenic	1	14.5	14.5
28893	68111	Arsenic	1	11.3	11.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28909	68111	Arsenic	1	16.1	16.1
28942	68111	Arsenic	1	14.3	14.3
28959	68111	Arsenic	1	13.6	13.6
28963	68111	Arsenic	1	9.23	9.23
28967	68111	Arsenic	1	41.6	41.6
28984	68111	Arsenic	1	14.3	14.3
28991	68111	Arsenic	1	135	135
29002	68111	Arsenic	1	11.5	11.5
29023	68111	Arsenic	1	2.5	2.5
29033	68111	Arsenic	1	14.1	14.1
29037	68111	Arsenic	1	10.2	10.2
29071	68111	Arsenic	1	30.6	30.6
29090	68111	Arsenic	1	16.3	16.3
29101	68111	Arsenic	1	6	6
29102	68111	Arsenic	1	11.5	11.5
29105	68111	Arsenic	1	8.04	8.04
29155	68111	Arsenic	1	6.3	6.3
29165	68111	Arsenic	1	7.5	7.5
29175	68111	Arsenic	1	11.6	11.6
29177	68111	Arsenic	1	11.6	11.6
29181	68111	Arsenic	1	14.5	14.5
29204	68111	Arsenic	1	2.5	2.5
29205	68111	Arsenic	1	11.2	11.2
29214	68111	Arsenic	1	58.1	58.1
29220	68111	Arsenic	1	16.7	16.7
29240	68111	Arsenic	1	12.2	12.2
29248	68111	Arsenic	1	4.24	4.24
29274	68111	Arsenic	1	9.7	9.7
29285	68111	Arsenic	1	12.2	12.2
29328	68111	Arsenic	1	13.8	13.8
29343	68111	Arsenic	1	12.1	12.1
29354	68111	Arsenic	1	13.7	13.7
29358	68111	Arsenic	1	14.1	14.1
29386	68111	Arsenic	1	10.5	10.5
29409	68111	Arsenic	1	13.6	13.6
29431	68111	Arsenic	1	12	12
29432	68111	Arsenic	1	8.21	8.21
29445	68111	Arsenic	1	10.1	10.1
29469	68111	Arsenic	1	10.9	10.9
29499	68111	Arsenic	1	15.1	15.1
29552	68111	Arsenic	1	13.7	13.7
29558	68111	Arsenic	1	11.9	11.9
29578	68111	Arsenic	1	7.15	7.15
29608	68111	Arsenic	1	12.7	12.7
29625	68111	Arsenic	1	8.19	8.19
29633	68111	Arsenic	1	13.4	13.4
29671	68111	Arsenic	1	13.8	13.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29678	68111	Arsenic	1	11.1	11.1
29683	68111	Arsenic	1	8	8
29684	68111	Arsenic	1	20.6	20.6
29689	68111	Arsenic	1	13	13
29717	68111	Arsenic	1	9	9
29777	68111	Arsenic	1	11.5	11.5
29792	68111	Arsenic	1	7.82	7.82
29806	68111	Arsenic	1	5.6	5.6
29818	68111	Arsenic	1	10.3	10.3
29824	68111	Arsenic	1	13.1	13.1
29826	68111	Arsenic	1	16.7	16.7
29881	68111	Arsenic	1	82.9	82.9
29889	68111	Arsenic	1	13.7	13.7
29910	68111	Arsenic	1	39.9	39.9
29912	68111	Arsenic	1	9.05	9.05
29927	68111	Arsenic	1	13.2	13.2
29953	68111	Arsenic	1	13.4	13.4
29974	68111	Arsenic	1	20.4	20.4
29978	68111	Arsenic	1	9.63	9.63
29991	68111	Arsenic	1	12.5	12.5
29993	68111	Arsenic	1	66.4	66.4
30012	68111	Arsenic	1	2.5	2.5
30045	68111	Arsenic	1	81	81
30050	68111	Arsenic	1	8.25	8.25
30068	68111	Arsenic	1	13.2	13.2
30078	68111	Arsenic	1	12.4	12.4
30081	68111	Arsenic	1	13.8	13.8
30123	68111	Arsenic	1	17.5	17.5
30130	68111	Arsenic	1	12.3	12.3
30133	68111	Arsenic	1	10.4	10.4
30161	68111	Arsenic	1	6.18	6.18
30169	68111	Arsenic	1	7.58	7.58
30171	68111	Arsenic	1	8.44	8.44
30177	68111	Arsenic	1	4.195	4.195
30182	68111	Arsenic	1	9.9	9.9
30201	68111	Arsenic	1	2.5	2.5
30220	68111	Arsenic	1	11.6	11.6
30225	68111	Arsenic	1	14	14
30244	68111	Arsenic	1	8.18	8.18
30253	68111	Arsenic	1	11.1	11.1
30345	68111	Arsenic	1	5.3	5.3
30347	68111	Arsenic	1	9.06	9.06
30387	68111	Arsenic	1	9.14	9.14
30417	68111	Arsenic	1	9.8	9.8
30420	68111	Arsenic	1	5.79	5.79
30434	68111	Arsenic	1	13.9	13.9
30455	68111	Arsenic	1	9.46	9.46

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30462	68111	Arsenic	1	11.7	11.7
30494	68111	Arsenic	1	10.1	10.1
30521	68111	Arsenic	1	13	13
30526	68111	Arsenic	1	49.8	49.8
30536	68111	Arsenic	1	15	15
30563	68111	Arsenic	1	17.6	17.6
30580	68111	Arsenic	1	2.5	2.5
30625	68111	Arsenic	1	10.6	10.6
30644	68111	Arsenic	1	9.77	9.77
30645	68111	Arsenic	1	13.2	13.2
30683	68111	Arsenic	1	7.3	7.3
30699	68111	Arsenic	1	10.4	10.4
30700	68111	Arsenic	1	2.5	2.5
30714	68111	Arsenic	1	9.52	9.52
30757	68111	Arsenic	1	23.1	23.1
30802	68111	Arsenic	1	10.8	10.8
30813	68111	Arsenic	1	7.8	7.8
30817	68111	Arsenic	1	7.7	7.7
30836	68111	Arsenic	1	12.4	12.4
30841	68111	Arsenic	1	12.7	12.7
30844	68111	Arsenic	1	16.8	16.8
30881	68111	Arsenic	1	8.75	8.75
30888	68111	Arsenic	1	9.65	9.65
30918	68111	Arsenic	1	12.8	12.8
30927	68111	Arsenic	1	42.1	42.1
30932	68111	Arsenic	1	7.83	7.83
30933	68111	Arsenic	1	8.78	8.78
30939	68111	Arsenic	1	7.6	7.6
30978	68111	Arsenic	1	7.6	7.6
30991	68111	Arsenic	1	7.35	7.35
30995	68111	Arsenic	1	9.5	9.5
30997	68111	Arsenic	1	8.89	8.89
31008	68111	Arsenic	1	5.85	5.85
31042	68111	Arsenic	1	7.6	7.6
31045	68111	Arsenic	1	112	112
31046	68111	Arsenic	1	2.5	2.5
31052	68111	Arsenic	1	6.46	6.46
31056	68111	Arsenic	1	7.44	7.44
31071	68111	Arsenic	1	14.2	14.2
31074	68111	Arsenic	1	13.7	13.7
31076	68111	Arsenic	1	7.4	7.4
31081	68111	Arsenic	1	8.58	8.58
31102	68111	Arsenic	1	12.2	12.2
31104	68111	Arsenic	1	28.4	28.4
31120	68111	Arsenic	1	15.8	15.8
31129	68111	Arsenic	1	11.7	11.7
31131	68111	Arsenic	1	8.7	8.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31141	68111	Arsenic	1	13.8	13.8
31145	68111	Arsenic	1	23.1	23.1
31163	68111	Arsenic	1	13.6	13.6
31171	68111	Arsenic	1	9.73	9.73
31176	68111	Arsenic	1	8.88	8.88
31186	68111	Arsenic	1	13.3	13.3
31189	68111	Arsenic	1	15.6	15.6
31192	68111	Arsenic	1	8.79	8.79
31206	68111	Arsenic	1	2.5	2.5
31229	68111	Arsenic	1	13.8	13.8
31237	68111	Arsenic	1	33.4	33.4
31262	68111	Arsenic	1	16.2	16.2
31300	68111	Arsenic	1	10.3	10.3
31303	68111	Arsenic	1	12.2	12.2
31316	68111	Arsenic	1	25.9	25.9
31357	68111	Arsenic	1	6.78	6.78
31360	68111	Arsenic	1	10.7	10.7
31361	68111	Arsenic	1	12.4	12.4
31362	68111	Arsenic	1	12.1	12.1
31365	68111	Arsenic	1	11.8	11.8
31366	68111	Arsenic	1	10.3	10.3
31377	68111	Arsenic	1	10.5	10.5
31398	68111	Arsenic	1	9.76	9.76
31408	68111	Arsenic	1	2.5	2.5
31433	68111	Arsenic	1	8.5	8.5
31442	68111	Arsenic	1	10.5	10.5
31444	68111	Arsenic	1	14.3	14.3
31457	68111	Arsenic	1	14.6	14.6
31478	68111	Arsenic	1	14.9	14.9
31517	68111	Arsenic	1	10.2	10.2
31583	68111	Arsenic	1	8.9	8.9
31603	68111	Arsenic	1	15.6	15.6
31607	68111	Arsenic	1	15	15
31615	68111	Arsenic	1	11.1	11.1
31695	68111	Arsenic	1	14.4	14.4
31698	68111	Arsenic	1	42	42
31733	68111	Arsenic	1	7.16	7.16
31740	68111	Arsenic	1	10.7	10.7
31799	68111	Arsenic	1	14.3	14.3
31803	68111	Arsenic	1	8.55	8.55
31823	68111	Arsenic	1	11.1	11.1
31850	68111	Arsenic	1	15	15
31853	68111	Arsenic	1	10.6	10.6
31854	68111	Arsenic	1	11.1	11.1
31858	68111	Arsenic	1	27.4	27.4
31868	68111	Arsenic	1	7.66	7.66
31871	68111	Arsenic	1	24	24

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31882	68111	Arsenic	1	85.3	85.3
31887	68111	Arsenic	1	4.445	4.445
31896	68111	Arsenic	1	7.14	7.14
31899	68111	Arsenic	1	9.98	9.98
31911	68111	Arsenic	1	19.9	19.9
31925	68111	Arsenic	1	11.6	11.6
31936	68111	Arsenic	1	11.9	11.9
31964	68111	Arsenic	1	12.7	12.7
31965	68111	Arsenic	1	16.3	16.3
31977	68111	Arsenic	1	8.8	8.8
31986	68111	Arsenic	1	2.5	2.5
32001	68111	Arsenic	1	6.8	6.8
32016	68111	Arsenic	1	12.7	12.7
32021	68111	Arsenic	1	14.9	14.9
32022	68111	Arsenic	1	2.19	2.19
32040	68111	Arsenic	1	13.3	13.3
32046	68111	Arsenic	1	13.3	13.3
32049	68111	Arsenic	1	8.2	8.2
32070	68111	Arsenic	1	10.9	10.9
32081	68111	Arsenic	1	2.5	2.5
32089	68111	Arsenic	1	28.3	28.3
32092	68111	Arsenic	1	7.2	7.2
32153	68111	Arsenic	1	11.7	11.7
32162	68111	Arsenic	1	10.9	10.9
32168	68111	Arsenic	1	11.8	11.8
32208	68111	Arsenic	1	13.6	13.6
32228	68111	Arsenic	1	32.6	32.6
32252	68111	Arsenic	1	10.5	10.5
32256	68111	Arsenic	1	17.2	17.2
32261	68111	Arsenic	1	9.01	9.01
32267	68111	Arsenic	1	14.2	14.2
32276	68111	Arsenic	1	12	12
32277	68111	Arsenic	1	15.1	15.1
32283	68111	Arsenic	1	11.1	11.1
32284	68111	Arsenic	1	13.4	13.4
32287	68111	Arsenic	1	14.5	14.5
32293	68111	Arsenic	1	6.09	6.09
32311	68111	Arsenic	1	13	13
32316	68111	Arsenic	1	8.24	8.24
32325	68111	Arsenic	1	7.22	7.22
32339	68111	Arsenic	1	6.09	6.09
32346	68111	Arsenic	1	10	10
32414	68111	Arsenic	1	15.9	15.9
32418	68111	Arsenic	1	16.3	16.3
32428	68111	Arsenic	1	14.2	14.2
32429	68111	Arsenic	1	13.5	13.5
32441	68111	Arsenic	1	9.59	9.59

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32444	68111	Arsenic	1	13.1	13.1
32455	68111	Arsenic	1	11.2	11.2
32456	68111	Arsenic	1	14.9	14.9
32458	68111	Arsenic	1	16.3	16.3
32497	68111	Arsenic	1	6.74	6.74
32502	68111	Arsenic	1	8.74	8.74
32539	68111	Arsenic	1	17.7	17.7
32547	68111	Arsenic	1	9.86	9.86
32562	68111	Arsenic	1	11.8	11.8
32581	68111	Arsenic	1	16.2	16.2
32596	68111	Arsenic	1	8.24	8.24
32633	68111	Arsenic	1	12.3	12.3
32673	68111	Arsenic	1	9.2	9.2
32678	68111	Arsenic	1	17.3	17.3
32686	68111	Arsenic	1	10.1	10.1
32696	68111	Arsenic	1	10.8	10.8
32702	68111	Arsenic	1	11	11
32708	68111	Arsenic	1	10.1	10.1
32736	68111	Arsenic	1	14.7	14.7
32775	68111	Arsenic	1	16	16
32779	68111	Arsenic	1	9.26	9.26
32780	68111	Arsenic	1	104	104
32783	68111	Arsenic	1	10.6	10.6
32818	68111	Arsenic	1	79.1	79.1
32847	68111	Arsenic	1	11.3	11.3
32851	68111	Arsenic	1	10.8	10.8
32852	68111	Arsenic	1	5.38	5.38
32874	68111	Arsenic	1	9.57	9.57
32876	68111	Arsenic	1	8.27	8.27
32891	68111	Arsenic	1	10.3	10.3
32896	68111	Arsenic	1	12.9	12.9
32912	68111	Arsenic	1	6.05	6.05
32914	68111	Arsenic	1	9.2	9.2
32931	68111	Arsenic	1	9.45	9.45
32940	68111	Arsenic	1	7	7
32949	68111	Arsenic	1	88	88
32968	68111	Arsenic	1	9.79	9.79
32972	68111	Arsenic	1	77.9	77.9
32973	68111	Arsenic	1	15	15
32974	68111	Arsenic	1	9.43	9.43
32989	68111	Arsenic	1	2.5	2.5
32992	68111	Arsenic	1	29.1	29.1
33009	68111	Arsenic	1	8.62	8.62
33012	68111	Arsenic	1	11.6	11.6
33014	68111	Arsenic	1	2.5	2.5
33036	68111	Arsenic	1	6.04	6.04
33037	68111	Arsenic	1	11.9	11.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33042	68111	Arsenic	1	12.2	12.2
33043	68111	Arsenic	1	12.6	12.6
33060	68111	Arsenic	1	10.3	10.3
33062	68111	Arsenic	1	15.2	15.2
33120	68111	Arsenic	1	9.2	9.2
33177	68111	Arsenic	1	8.04	8.04
33207	68111	Arsenic	1	22.6	22.6
33296	68111	Arsenic	1	11.2	11.2
33314	68111	Arsenic	1	14.3	14.3
33317	68111	Arsenic	1	10	10
33350	68111	Arsenic	1	11.3	11.3
33372	68111	Arsenic	1	12.4	12.4
33392	68111	Arsenic	1	16.1	16.1
33453	68111	Arsenic	1	31.9	31.9
33456	68111	Arsenic	1	8.31	8.31
33480	68111	Arsenic	1	13.5	13.5
33492	68111	Arsenic	1	13.4	13.4
33600	68111	Arsenic	1	27	27
33607	68111	Arsenic	1	14.5	14.5
33630	68111	Arsenic	1	12.8	12.8
33631	68111	Arsenic	1	13.4	13.4
33647	68111	Arsenic	1	15.9	15.9
33696	68111	Arsenic	1	11.2	11.2
33711	68111	Arsenic	1	6.7	6.7
33741	68111	Arsenic	1	4.88	4.88
33772	68111	Arsenic	1	4.54	4.54
33803	68111	Arsenic	1	26.6	26.6
33805	68111	Arsenic	1	12.2	12.2
33806	68111	Arsenic	1	7.33	7.33
33818	68111	Arsenic	1	9.68	9.68
33831	68111	Arsenic	1	34.4	34.4
33833	68111	Arsenic	1	11.7	11.7
33856	68111	Arsenic	1	8.24	8.24
33863	68111	Arsenic	1	14.1	14.1
33875	68111	Arsenic	1	10.7	10.7
33903	68111	Arsenic	1	13.5	13.5
33915	68111	Arsenic	1	9.27	9.27
33947	68111	Arsenic	1	5.82	5.82
33997	68111	Arsenic	1	2.5	2.5
34037	68111	Arsenic	1	36.3	36.3
34040	68111	Arsenic	1	32.6	32.6
34059	68111	Arsenic	1	9.82	9.82
34060	68111	Arsenic	1	18.9	18.9
34075	68111	Arsenic	1	2.5	2.5
34088	68111	Arsenic	1	57.7	57.7
34126	68111	Arsenic	1	2.5	2.5
34128	68111	Arsenic	1	10.1	10.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34142	68111	Arsenic	1	362	362
34173	68111	Arsenic	1	10.2	10.2
34179	68111	Arsenic	1	6.23	6.23
34200	68111	Arsenic	1	10.4	10.4
34219	68111	Arsenic	1	7.6	7.6
34222	68111	Arsenic	1	53.2	53.2
34224	68111	Arsenic	1	13.6	13.6
34225	68111	Arsenic	1	16.1	16.1
34247	68111	Arsenic	1	5.68	5.68
34251	68111	Arsenic	1	16.4	16.4
34255	68111	Arsenic	1	139	139
34257	68111	Arsenic	1	18.5	18.5
34320	68111	Arsenic	1	14	14
34371	68111	Arsenic	1	16.1	16.1
34377	68111	Arsenic	1	11.3	11.3
34387	68111	Arsenic	1	9.25	9.25
34396	68111	Arsenic	1	17.9	17.9
34430	68111	Arsenic	1	47	47
34444	68111	Arsenic	1	143	143
34478	68111	Arsenic	1	8.41	8.41
34503	68111	Arsenic	1	10.7	10.7
34560	68111	Arsenic	1	59.7	59.7
34562	68111	Arsenic	1	10.3	10.3
34595	68111	Arsenic	1	9.1	9.1
34621	68111	Arsenic	1	11	11
34626	68111	Arsenic	1	7.86	7.86
34639	68111	Arsenic	1	9.73	9.73
34663	68111	Arsenic	1	13.7	13.7
34669	68111	Arsenic	1	12.4	12.4
34691	68111	Arsenic	1	16.1	16.1
34703	68111	Arsenic	1	10.4	10.4
34766	68111	Arsenic	1	10.2	10.2
34778	68111	Arsenic	1	6.48	6.48
34888	68111	Arsenic	1	26.8	26.8
34892	68111	Arsenic	1	12.5	12.5
34904	68111	Arsenic	1	9.97	9.97
34917	68111	Arsenic	1	11.2	11.2
34923	68111	Arsenic	1	12.2	12.2
34936	68111	Arsenic	1	10.6	10.6
34948	68111	Arsenic	1	24.5	24.5
34953	68111	Arsenic	1	14.4	14.4
34985	68111	Arsenic	1	44.9	44.9
34993	68111	Arsenic	1	124	124
34999	68111	Arsenic	1	12.9	12.9
35003	68111	Arsenic	1	18.6	18.6
35014	68111	Arsenic	1	8.68	8.68
35042	68111	Arsenic	1	2.65	2.65

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35043	68111	Arsenic	1	4.535	4.535
35059	68111	Arsenic	1	9.07	9.07
35072	68111	Arsenic	1	11.7	11.7
35095	68111	Arsenic	1	8.5	8.5
35137	68111	Arsenic	1	8.02	8.02
35152	68111	Arsenic	1	6.86	6.86
35223	68111	Arsenic	1	10.1	10.1
35233	68111	Arsenic	1	28.9	28.9
35242	68111	Arsenic	1	2.5	2.5
35252	68111	Arsenic	1	13.8	13.8
35273	68111	Arsenic	1	94.2	94.2
35285	68111	Arsenic	1	12.9	12.9
35287	68111	Arsenic	1	10.7	10.7
35288	68111	Arsenic	1	15.1	15.1
35290	68111	Arsenic	1	12.7	12.7
35350	68111	Arsenic	1	2.5	2.5
35404	68111	Arsenic	1	10.8	10.8
35417	68111	Arsenic	1	35	35
35458	68111	Arsenic	1	13.7	13.7
35495	68111	Arsenic	1	11.5	11.5
35503	68111	Arsenic	1	6.39	6.39
35513	68111	Arsenic	1	14.1	14.1
35517	68111	Arsenic	1	9.3	9.3
35536	68111	Arsenic	1	14.1	14.1
35575	68111	Arsenic	1	21.7	21.7
35614	68111	Arsenic	1	12.3	12.3
35619	68111	Arsenic	1	13.7	13.7
35786	68111	Arsenic	1	11.9	11.9
35821	68111	Arsenic	1	10.5	10.5
35822	68111	Arsenic	1	21.1	21.1
35826	68111	Arsenic	1	7.48	7.48
35830	68111	Arsenic	1	9.1	9.1
35877	68111	Arsenic	1	282	282
35921	68111	Arsenic	1	7.25	7.25
35935	68111	Arsenic	1	10.8	10.8
35943	68111	Arsenic	1	2.5	2.5
35947	68111	Arsenic	1	12	12
35964	68111	Arsenic	1	19.2	19.2
35969	68111	Arsenic	1	13.4	13.4
36000	68111	Arsenic	1	11.8	11.8
36007	68111	Arsenic	1	8.3	8.3
36015	68111	Arsenic	1	10.5	10.5
36024	68111	Arsenic	1	12.4	12.4
36040	68111	Arsenic	1	13.7	13.7
36046	68111	Arsenic	1	2.5	2.5
36072	68111	Arsenic	1	7.49	7.49
36093	68111	Arsenic	1	10.2	10.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36116	68111	Arsenic	1	59.9	59.9
36138	68111	Arsenic	1	8.9	8.9
36167	68111	Arsenic	1	10.6	10.6
36194	68111	Arsenic	1	8.55	8.55
36212	68111	Arsenic	1	9.61	9.61
36238	68111	Arsenic	1	7.2	7.2
36246	68111	Arsenic	1	140	140
36251	68111	Arsenic	1	15.2	15.2
36257	68111	Arsenic	1	16.4	16.4
36259	68111	Arsenic	1	23.8	23.8
36269	68111	Arsenic	1	13.1	13.1
36325	68111	Arsenic	1	9.37	9.37
36356	68111	Arsenic	1	12.6	12.6
36408	68111	Arsenic	1	12.1	12.1
36410	68111	Arsenic	1	14.2	14.2
36427	68111	Arsenic	1	7.5	7.5
36464	68111	Arsenic	1	12.6	12.6
36467	68111	Arsenic	1	43.4	43.4
36507	68111	Arsenic	1	13.6	13.6
36557	68111	Arsenic	1	118	118
36574	68111	Arsenic	1	11	11
36656	68111	Arsenic	1	9.9	9.9
36679	68111	Arsenic	1	8.5	8.5
36701	68111	Arsenic	1	13	13
36706	68111	Arsenic	1	11.1	11.1
36936	68111	Arsenic	1	11.9	11.9
37023	68111	Arsenic	1	25	25
37025	68111	Arsenic	1	8.9	8.9
37031	68111	Arsenic	1	18.8	18.8
37036	68111	Arsenic	1	12.5	12.5
37049	68111	Arsenic	1	6.55	6.55
37087	68111	Arsenic	1	36.1	36.1
37097	68111	Arsenic	1	126	126
37156	68111	Arsenic	1	6.7	6.7
37189	68111	Arsenic	1	32.7	32.7
37193	68111	Arsenic	1	6	6
37210	68111	Arsenic	1	12.8	12.8
37219	68111	Arsenic	1	10.7	10.7
37223	68111	Arsenic	1	11.8	11.8
37226	68111	Arsenic	1	7.7	7.7
37276	68111	Arsenic	1	19.4	19.4
37361	68111	Arsenic	1	5.34	5.34
37402	68111	Arsenic	1	16.4	16.4
37465	68111	Arsenic	1	4.97	4.97
37470	68111	Arsenic	1	9.01	9.01
37684	68111	Arsenic	1	14.5	14.5
37738	68111	Arsenic	1	16.2	16.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
37756	68111	Arsenic	1	9.1	9.1
37907	68111	Arsenic	2	13.75	15.6
37934	68111	Arsenic	1	16.3	16.3
38007	68111	Arsenic	1	8.7	8.7
38054	68111	Arsenic	1	2.5	2.5
38066	68111	Arsenic	1	12.1	12.1
38087	68111	Arsenic	1	7.56	7.56
38202	68111	Arsenic	1	10.4	10.4
38210	68111	Arsenic	1	12.6	12.6
38253	68111	Arsenic	1	8.03	8.03
38261	68111	Arsenic	1	17.7	17.7
38269	68111	Arsenic	1	10.3	10.3
38300	68111	Arsenic	1	11.3	11.3
38363	68111	Arsenic	1	7.83	7.83
38383	68111	Arsenic	1	6.45	6.45
38407	68111	Arsenic	1	39.8	39.8
38439	68111	Arsenic	1	9.57	9.57
38446	68111	Arsenic	1	14.8	14.8
38449	68111	Arsenic	1	10.9	10.9
38527	68111	Arsenic	1	10.1	10.1
38585	68111	Arsenic	1	11.6	11.6
38587	68111	Arsenic	1	59.8	59.8
38721	68111	Arsenic	1	23.6	23.6
38724	68111	Arsenic	1	10.5	10.5
38759	68111	Arsenic	1	15.8	15.8
38780	68111	Arsenic	1	10.8	10.8
38864	68111	Arsenic	1	7.06	7.06
49203	68111	Arsenic	1	17.4	17.4
49313	68111	Arsenic	1	9.86	9.86
49314	68111	Arsenic	1	11.9	11.9
49319	68111	Arsenic	1	14.8	14.8
49341	68111	Arsenic	1	6.75	6.75
49345	68111	Arsenic	1	9.7	9.7
49354	68111	Arsenic	1	10.2	10.2
50024	68111	Arsenic	1	8.25	8.25
50049	68111	Arsenic	1	6.34	6.34
50080	68111	Arsenic	1	3.76	3.76
50105	68111	Arsenic	1	6.42	6.42
50107	68111	Arsenic	1	2.5	2.5
50120	68111	Arsenic	1	15.6	15.6
50146	68111	Arsenic	1	5.86	5.86
50356	68111	Arsenic	1	9	9
50404	68111	Arsenic	1	2.5	2.5
50410	68111	Arsenic	1	2.5	2.5
50417	68111	Arsenic	1	2.5	2.5
50424	68111	Arsenic	1	8.37	8.37
50434	68111	Arsenic	1	9.09	9.09

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50447	68111	Arsenic	1	15.1	15.1
63239	68111	Arsenic	1	8.6	8.6
63751	68111	Arsenic	1	7.9	7.9
68070	68111	Arsenic	1	8.25	8.25
68686	68111	Arsenic	1	13.3	13.3
73862	68111	Arsenic	1	14.5	14.5
74664	68111	Arsenic	1	12.7	12.7
75011	68111	Arsenic	1	23.7	23.7
77146	68111	Arsenic	1	6	6
79703	68111	Arsenic	1	11.2	11.2
79704	68111	Arsenic	1	9.2	9.2
87761	68111	Arsenic	1	10.9	10.9
89893	68111	Arsenic	1	9.2	9.2
90107	68111	Arsenic	1	11.6	11.6
91234	68111	Arsenic	1	9.9	9.9
91335	68111	Arsenic	1	11.2	11.2
91926	68111	Arsenic	1	10	10
2269	68112	Arsenic	1	15	15
39755	68112	Arsenic	1	9.57	9.57
39951	68112	Arsenic	1	16.3	16.3
40194	68112	Arsenic	1	11.8	11.8
40523	68112	Arsenic	1	117	117
40879	68112	Arsenic	1	21	21
2097	68131	Arsenic	1	7.6	7.6
2156	68131	Arsenic	1	5.34	5.34
2165	68131	Arsenic	1	6.3	6.3
5037	68131	Arsenic	1	2.5	2.5
5150	68131	Arsenic	1	18.7	18.7
5153	68131	Arsenic	1	19.2	19.2
5186	68131	Arsenic	1	10.9	10.9
5188	68131	Arsenic	1	8.97	8.97
5195	68131	Arsenic	1	8.87	8.87
5197	68131	Arsenic	1	10.1	10.1
5260	68131	Arsenic	1	5.3	5.3
5272	68131	Arsenic	1	10.4	10.4
5278	68131	Arsenic	1	29.8	29.8
5298	68131	Arsenic	1	6.36	6.36
5377	68131	Arsenic	1	11	11
5379	68131	Arsenic	1	11.9	11.9
5380	68131	Arsenic	1	13.6	13.6
22856	68131	Arsenic	1	8.45	8.45
23003	68131	Arsenic	1	2.5	2.5
23016	68131	Arsenic	1	9.2	9.2
23028	68131	Arsenic	1	5.58	5.58
23072	68131	Arsenic	1	42.4	42.4
23093	68131	Arsenic	1	13.7	13.7
23144	68131	Arsenic	1	59.3	59.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23145	68131	Arsenic	1	45.1	45.1
23150	68131	Arsenic	1	22.4	22.4
23153	68131	Arsenic	1	33	33
23211	68131	Arsenic	1	15.6	15.6
23237	68131	Arsenic	1	11.4	11.4
23274	68131	Arsenic	1	87.7	87.7
23280	68131	Arsenic	1	2.5	2.5
23301	68131	Arsenic	1	5.56	5.56
23338	68131	Arsenic	1	8.54	8.54
23344	68131	Arsenic	1	14.2	14.2
23379	68131	Arsenic	1	12.5	12.5
23399	68131	Arsenic	1	11.2	11.2
23425	68131	Arsenic	1	2.5	2.5
23433	68131	Arsenic	1	14.2	14.2
23442	68131	Arsenic	1	11	11
23460	68131	Arsenic	1	9.53	9.53
23502	68131	Arsenic	1	12.3	12.3
23512	68131	Arsenic	1	25.1	25.1
23532	68131	Arsenic	1	9.29	9.29
23537	68131	Arsenic	1	2.5	2.5
23539	68131	Arsenic	1	10.4	10.4
23577	68131	Arsenic	1	3.89	3.89
23580	68131	Arsenic	1	138	138
23584	68131	Arsenic	1	12.1	12.1
23586	68131	Arsenic	1	11.5	11.5
23611	68131	Arsenic	1	11	11
23634	68131	Arsenic	1	9.4	9.4
23673	68131	Arsenic	1	5.16	5.16
23675	68131	Arsenic	1	12	12
23700	68131	Arsenic	1	13.5	13.5
23742	68131	Arsenic	1	11.2	11.2
23786	68131	Arsenic	1	23.5	23.5
23788	68131	Arsenic	1	11.5	11.5
23790	68131	Arsenic	1	38	38
23817	68131	Arsenic	1	2.5	2.5
23822	68131	Arsenic	1	11.2	11.2
23824	68131	Arsenic	1	10.2	10.2
23845	68131	Arsenic	1	5.2	5.2
23872	68131	Arsenic	1	17.1	17.1
23895	68131	Arsenic	1	7.91	7.91
23899	68131	Arsenic	1	5.8	5.8
23922	68131	Arsenic	1	6.94	6.94
23930	68131	Arsenic	1	9.79	9.79
23961	68131	Arsenic	1	6.17	6.17
23967	68131	Arsenic	1	14.1	14.1
23968	68131	Arsenic	1	31.1	31.1
23985	68131	Arsenic	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23986	68131	Arsenic	1	2.5	2.5
24000	68131	Arsenic	1	15.8	15.8
24010	68131	Arsenic	1	18.9	18.9
24019	68131	Arsenic	1	10.1	10.1
24027	68131	Arsenic	1	109	109
24098	68131	Arsenic	1	8.58	8.58
24109	68131	Arsenic	1	10.5	10.5
24119	68131	Arsenic	1	17.2	17.2
24126	68131	Arsenic	1	8.7	8.7
24132	68131	Arsenic	1	45.7	45.7
24141	68131	Arsenic	1	41.7	41.7
24156	68131	Arsenic	1	2.5	2.5
24162	68131	Arsenic	1	9.33	9.33
24182	68131	Arsenic	1	16.1	16.1
24190	68131	Arsenic	1	10.4	10.4
24214	68131	Arsenic	1	10.3	10.3
24240	68131	Arsenic	1	20	20
24272	68131	Arsenic	1	9.07	9.07
24274	68131	Arsenic	1	39.3	39.3
24277	68131	Arsenic	1	12.9	12.9
24334	68131	Arsenic	1	6.28	6.28
24348	68131	Arsenic	1	9.07	9.07
24357	68131	Arsenic	1	15.8	15.8
24358	68131	Arsenic	1	79.4	79.4
24367	68131	Arsenic	1	14.6	14.6
24370	68131	Arsenic	1	64.7	64.7
24374	68131	Arsenic	1	18.6	18.6
24376	68131	Arsenic	1	51.7	51.7
24390	68131	Arsenic	1	14.2	14.2
24396	68131	Arsenic	1	8.3	8.3
24411	68131	Arsenic	1	28.8	28.8
24451	68131	Arsenic	1	30.3	30.3
24457	68131	Arsenic	1	16.9	16.9
24577	68131	Arsenic	1	36.1	36.1
24601	68131	Arsenic	1	8.1	8.1
24605	68131	Arsenic	1	16.4	16.4
24635	68131	Arsenic	1	21.9	21.9
24640	68131	Arsenic	1	31.7	31.7
24655	68131	Arsenic	1	11.2	11.2
24674	68131	Arsenic	1	10.1	10.1
24692	68131	Arsenic	1	6.92	6.92
24693	68131	Arsenic	1	17	17
24703	68131	Arsenic	1	9.99	9.99
24740	68131	Arsenic	1	9.9	9.9
24751	68131	Arsenic	1	2.5	2.5
24757	68131	Arsenic	1	12.9	12.9
24768	68131	Arsenic	1	10.6	10.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24776	68131	Arsenic	1	11	11
24794	68131	Arsenic	1	18.7	18.7
24800	68131	Arsenic	1	9.34	9.34
24808	68131	Arsenic	1	6.67	6.67
24887	68131	Arsenic	1	14	14
24896	68131	Arsenic	1	9.92	9.92
24931	68131	Arsenic	1	7.03	7.03
24958	68131	Arsenic	1	15	15
24962	68131	Arsenic	1	12.7	12.7
24964	68131	Arsenic	1	6.55	6.55
25005	68131	Arsenic	1	5.04	5.04
25009	68131	Arsenic	1	13	13
25061	68131	Arsenic	1	16.7	16.7
25063	68131	Arsenic	1	13.1	13.1
25078	68131	Arsenic	1	10.2	10.2
25096	68131	Arsenic	1	12.5	12.5
25130	68131	Arsenic	1	13.5	13.5
25133	68131	Arsenic	1	9.78	9.78
25137	68131	Arsenic	1	11	11
25167	68131	Arsenic	1	5.8	5.8
25185	68131	Arsenic	1	2.5	2.5
25189	68131	Arsenic	1	44.4	44.4
25193	68131	Arsenic	1	13.4	13.4
25202	68131	Arsenic	1	4.33	4.33
25204	68131	Arsenic	1	12.3	12.3
25231	68131	Arsenic	1	17.2	17.2
25242	68131	Arsenic	1	9.3	9.3
25281	68131	Arsenic	1	10.3	10.3
25285	68131	Arsenic	1	11	11
25296	68131	Arsenic	1	12	12
25315	68131	Arsenic	1	10.3	10.3
25324	68131	Arsenic	1	7.51	7.51
25329	68131	Arsenic	1	24.1	24.1
25331	68131	Arsenic	1	17.7	17.7
25335	68131	Arsenic	1	10.8	10.8
25337	68131	Arsenic	1	13.1	13.1
25385	68131	Arsenic	1	13	13
25391	68131	Arsenic	1	11	11
25410	68131	Arsenic	1	7.57	7.57
25425	68131	Arsenic	1	235	235
25456	68131	Arsenic	1	10.7	10.7
25547	68131	Arsenic	1	8.66	8.66
25554	68131	Arsenic	1	13.2	13.2
25558	68131	Arsenic	1	2.5	2.5
25579	68131	Arsenic	1	9.64	9.64
25604	68131	Arsenic	1	8.74	8.74
25607	68131	Arsenic	1	8.34	8.34

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25634	68131	Arsenic	1	10.9	10.9
25657	68131	Arsenic	1	19.9	19.9
50446	68131	Arsenic	1	11.2	11.2
89514	68131	Arsenic	1	9.2	9.2
93114	68131	Arsenic	1	382	382
93413	68131	Arsenic	1	5.7	5.7
93419	68131	Arsenic	1	46.6	46.6
5139	68132	Arsenic	1	6.77	6.77
5140	68132	Arsenic	1	6.29	6.29
5313	68132	Arsenic	1	14.6	14.6
5317	68132	Arsenic	1	2.5	2.5
49490	68132	Arsenic	1	9.9	9.9
49500	68132	Arsenic	1	16.7	16.7
49505	68132	Arsenic	1	95.8	95.8
49521	68132	Arsenic	1	23.8	23.8
49544	68132	Arsenic	1	9.46	9.46
49558	68132	Arsenic	1	17.4	17.4
49578	68132	Arsenic	1	14	14
49618	68132	Arsenic	1	9.11	9.11
49625	68132	Arsenic	1	28.7	28.7
49627	68132	Arsenic	1	4.415	4.415
49628	68132	Arsenic	1	11.8	11.8
49642	68132	Arsenic	1	91	91
49663	68132	Arsenic	1	3.34	3.34
49671	68132	Arsenic	1	86.7	86.7
49672	68132	Arsenic	1	9.1	9.1
49676	68132	Arsenic	1	11.9	11.9
49678	68132	Arsenic	1	10.3	10.3
49682	68132	Arsenic	1	12.4	12.4
49697	68132	Arsenic	1	17.2	17.2
49701	68132	Arsenic	1	14	14
49704	68132	Arsenic	1	10.5	10.5
49716	68132	Arsenic	1	9.58	9.58
49717	68132	Arsenic	1	8.9	8.9
49724	68132	Arsenic	1	13.5	13.5
49725	68132	Arsenic	1	149	149
49726	68132	Arsenic	1	54.5	54.5
49727	68132	Arsenic	1	15.5	15.5
49736	68132	Arsenic	1	72.6	72.6
49739	68132	Arsenic	1	7.6	7.6
49759	68132	Arsenic	1	11.7	11.7
49760	68132	Arsenic	1	12.6	12.6
49774	68132	Arsenic	1	12.8	12.8
49781	68132	Arsenic	1	13.4	13.4
49783	68132	Arsenic	1	11.8	11.8
49793	68132	Arsenic	1	13	13
49800	68132	Arsenic	1	8.12	8.12

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49806	68132	Arsenic	1	12.7	12.7
49812	68132	Arsenic	1	9.47	9.47
49819	68132	Arsenic	1	40.6	40.6
49833	68132	Arsenic	1	9.82	9.82
49846	68132	Arsenic	1	8.18	8.18
49852	68132	Arsenic	1	17.6	17.6
49853	68132	Arsenic	1	10.1	10.1
49855	68132	Arsenic	1	330	330
49863	68132	Arsenic	1	11.4	11.4
49884	68132	Arsenic	1	39.9	39.9
49892	68132	Arsenic	1	9.3	9.3
49902	68132	Arsenic	1	1.975	1.975
49907	68132	Arsenic	1	9.82	9.82
49911	68132	Arsenic	1	18.6	18.6
49913	68132	Arsenic	1	5.8	5.8
49918	68132	Arsenic	1	11.2	11.2
49922	68132	Arsenic	1	12.9	12.9
49929	68132	Arsenic	1	4.12	4.12
49931	68132	Arsenic	1	9.24	9.24
49936	68132	Arsenic	1	46.5	46.5
49941	68132	Arsenic	1	23.7	23.7
49943	68132	Arsenic	1	13.4	13.4
49953	68132	Arsenic	1	14.7	14.7
49956	68132	Arsenic	1	4.185	4.185
49958	68132	Arsenic	1	5.55	5.55
49961	68132	Arsenic	1	18.7	18.7
49971	68132	Arsenic	1	9.48	9.48
49974	68132	Arsenic	1	21.1	21.1
49986	68132	Arsenic	1	57.2	57.2
49994	68132	Arsenic	1	9.7	9.7
49995	68132	Arsenic	1	11.2	11.2
50479	68132	Arsenic	1	16	16
50484	68132	Arsenic	1	17.7	17.7
50485	68132	Arsenic	1	19.9	19.9
50536	68132	Arsenic	1	38.5	38.5
51190	68132	Arsenic	1	54	54
51214	68132	Arsenic	1	11.9	11.9
51217	68132	Arsenic	1	9.07	9.07
51225	68132	Arsenic	1	3.99	3.99
51228	68132	Arsenic	1	10.3	10.3
51234	68132	Arsenic	1	11.4	11.4
51256	68132	Arsenic	1	2.5	2.5
51263	68132	Arsenic	1	5.6	5.6
51270	68132	Arsenic	1	11.9	11.9
51278	68132	Arsenic	1	12.5	12.5
51280	68132	Arsenic	1	3.645	3.645
51327	68132	Arsenic	1	44.1	44.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51349	68132	Arsenic	1	0.4815	0.4815
51361	68132	Arsenic	1	5.7	5.7
51369	68132	Arsenic	1	57.1	57.1
51381	68132	Arsenic	1	50.1	50.1
51391	68132	Arsenic	1	9.57	9.57
51392	68132	Arsenic	1	5.8	5.8
51394	68132	Arsenic	1	17.8	17.8
51401	68132	Arsenic	1	166	166
51412	68132	Arsenic	1	6.9	6.9
51437	68132	Arsenic	1	177	177
51440	68132	Arsenic	1	7.96	7.96
51457	68132	Arsenic	1	12.8	12.8
51483	68132	Arsenic	1	37.6	37.6
51492	68132	Arsenic	1	5.2	5.2
51504	68132	Arsenic	1	11.2	11.2
51512	68132	Arsenic	1	47.4	47.4
51519	68132	Arsenic	1	6.35	6.35
51525	68132	Arsenic	1	6.5	6.5
51544	68132	Arsenic	1	11.8	11.8
51546	68132	Arsenic	1	10.2	10.2
51551	68132	Arsenic	1	22.1	22.1
51569	68132	Arsenic	1	44	44
51587	68132	Arsenic	1	11.1	11.1
51588	68132	Arsenic	1	12.7	12.7
51598	68132	Arsenic	1	200	200
51600	68132	Arsenic	1	11.7	11.7
51607	68132	Arsenic	1	13.8	13.8
51630	68132	Arsenic	1	12	12
51640	68132	Arsenic	1	23.7	23.7
51645	68132	Arsenic	1	10.5	10.5
51646	68132	Arsenic	1	13.1	13.1
51659	68132	Arsenic	1	38.3	38.3
51667	68132	Arsenic	1	32.9	32.9
51671	68132	Arsenic	1	8.91	8.91
51676	68132	Arsenic	1	15.4	15.4
51705	68132	Arsenic	1	11	11
51706	68132	Arsenic	1	24	24
51708	68132	Arsenic	1	10.8	10.8
51710	68132	Arsenic	1	8.2	8.2
51712	68132	Arsenic	1	12	12
51735	68132	Arsenic	1	10.2	10.2
51750	68132	Arsenic	1	11.2	11.2
51752	68132	Arsenic	1	10.6	10.6
51767	68132	Arsenic	1	10.8	10.8
51769	68132	Arsenic	1	74.8	74.8
51779	68132	Arsenic	1	10.8	10.8
51780	68132	Arsenic	1	45.6	45.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51785	68132	Arsenic	1	153	153
51790	68132	Arsenic	1	10.1	10.1
51800	68132	Arsenic	1	14.8	14.8
51803	68132	Arsenic	1	17.7	17.7
51805	68132	Arsenic	1	37.6	37.6
51807	68132	Arsenic	1	10.7	10.7
51808	68132	Arsenic	1	12.4	12.4
51820	68132	Arsenic	1	16.7	16.7
51829	68132	Arsenic	1	16.5	16.5
51840	68132	Arsenic	1	13.9	13.9
51844	68132	Arsenic	1	9.4	9.4
51846	68132	Arsenic	1	11.2	11.2
51847	68132	Arsenic	1	10.5	10.5
51854	68132	Arsenic	1	12.1	12.1
51855	68132	Arsenic	1	5.05	5.05
51857	68132	Arsenic	1	7.6	7.6
51861	68132	Arsenic	1	11.1	11.1
51863	68132	Arsenic	1	33.6	33.6
51866	68132	Arsenic	1	8.21	8.21
51872	68132	Arsenic	1	12.8	12.8
51897	68132	Arsenic	1	12.4	12.4
51918	68132	Arsenic	1	4.15	4.15
51921	68132	Arsenic	1	10.8	10.8
51938	68132	Arsenic	1	9.24	9.24
51946	68132	Arsenic	1	9.6	9.6
51949	68132	Arsenic	1	15.4	15.4
51959	68132	Arsenic	1	27.8	27.8
51960	68132	Arsenic	1	26.4	26.4
51972	68132	Arsenic	1	7.15	7.15
51990	68132	Arsenic	1	13.4	13.4
51997	68132	Arsenic	1	10.9	10.9
52023	68132	Arsenic	1	27.4	27.4
52035	68132	Arsenic	1	6.15	6.15
52046	68132	Arsenic	1	16.9	16.9
52054	68132	Arsenic	1	13.7	13.7
52059	68132	Arsenic	1	6.9	6.9
52075	68132	Arsenic	1	5.2	5.2
52078	68132	Arsenic	1	12	12
52080	68132	Arsenic	1	12.5	12.5
52085	68132	Arsenic	1	12.8	12.8
52090	68132	Arsenic	1	147	147
52091	68132	Arsenic	1	11.8	11.8
52097	68132	Arsenic	1	15.4	15.4
52101	68132	Arsenic	1	20.3	20.3
52106	68132	Arsenic	1	53.4	53.4
52112	68132	Arsenic	1	34.4	34.4
52119	68132	Arsenic	1	8.58	8.58

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52122	68132	Arsenic	1	49.8	49.8
52128	68132	Arsenic	1	72.1	72.1
52129	68132	Arsenic	1	10.5	10.5
52137	68132	Arsenic	1	5.3	5.3
52140	68132	Arsenic	1	10.6	10.6
52141	68132	Arsenic	1	23.7	23.7
52150	68132	Arsenic	1	101	101
52155	68132	Arsenic	2	10.45	11.4
52158	68132	Arsenic	1	27	27
52166	68132	Arsenic	1	11.2	11.2
52167	68132	Arsenic	1	7.41	7.41
52177	68132	Arsenic	1	10.6	10.6
52178	68132	Arsenic	1	125	125
52181	68132	Arsenic	1	9.38	9.38
52186	68132	Arsenic	1	11.9	11.9
52187	68132	Arsenic	1	14.2	14.2
52190	68132	Arsenic	1	7.5	7.5
52192	68132	Arsenic	1	10	10
52198	68132	Arsenic	1	19.2	19.2
52202	68132	Arsenic	1	18.2	18.2
52206	68132	Arsenic	1	25.5	25.5
52214	68132	Arsenic	1	12.9	12.9
52226	68132	Arsenic	1	10.4	10.4
52228	68132	Arsenic	1	7.35	7.35
52243	68132	Arsenic	1	13	13
52244	68132	Arsenic	1	10.4	10.4
52246	68132	Arsenic	1	43.7	43.7
52327	68132	Arsenic	1	6.38	6.38
52336	68132	Arsenic	1	283	283
52356	68132	Arsenic	1	12.2	12.2
52357	68132	Arsenic	1	10.7	10.7
52367	68132	Arsenic	1	35.5	35.5
52378	68132	Arsenic	1	9.91	9.91
52386	68132	Arsenic	1	8.3	8.3
52387	68132	Arsenic	1	9.13	9.13
52411	68132	Arsenic	1	11.7	11.7
63007	68132	Arsenic	1	5.6	5.6
66781	68132	Arsenic	1	23.4	23.4
66791	68132	Arsenic	1	6.5	6.5
92431	68132	Arsenic	1	9.9	9.9
22493	68102	Barium	1	280	280
25567	68102	Barium	1	277	277
25717	68102	Barium	1	234	234
25720	68102	Barium	1	249	249
25914	68102	Barium	1	277	277
90101	68102	Barium	1	204	204
2133	68104	Barium	1	192	192

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5026	68104	Barium	1	310	310
5143	68104	Barium	1	142	142
5144	68104	Barium	1	174	174
5145	68104	Barium	1	155	155
5147	68104	Barium	1	109	109
50647	68104	Barium	1	220	220
1626	68105	Barium	1	250	250
2229	68105	Barium	1	224	224
2299	68105	Barium	1	210	210
2300	68105	Barium	1	226	226
2308	68105	Barium	1	219	219
2441	68105	Barium	1	227	227
2448	68105	Barium	1	250	250
2465	68105	Barium	1	193	193
3076	68105	Barium	1	205	205
3118	68105	Barium	1	205	205
5054	68105	Barium	1	153	153
5057	68105	Barium	1	232	232
5105	68105	Barium	1	232	232
5109	68105	Barium	1	182	182
5110	68105	Barium	1	254	254
5112	68105	Barium	1	206	206
5117	68105	Barium	1	230	230
5123	68105	Barium	1	261	261
5128	68105	Barium	1	165	165
5129	68105	Barium	1	335	335
5132	68105	Barium	1	184	184
5134	68105	Barium	1	180	180
5325	68105	Barium	1	240	240
5338	68105	Barium	1	167	167
5347	68105	Barium	1	306	306
5351	68105	Barium	1	0.128	0.128
5352	68105	Barium	1	317	317
5355	68105	Barium	1	293	293
5356	68105	Barium	1	248	248
5357	68105	Barium	1	268	268
5359	68105	Barium	1	213	213
5361	68105	Barium	1	164	164
5363	68105	Barium	1	264	264
5364	68105	Barium	1	189	189
5365	68105	Barium	1	205	205
5367	68105	Barium	1	245	245
5486	68105	Barium	1	176	176
5488	68105	Barium	1	194	194
5489	68105	Barium	1	214	214
5495	68105	Barium	1	217	217
5509	68105	Barium	1	232	232

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5610	68105	Barium	1	252	252
12784	68105	Barium	1	173	173
12864	68105	Barium	1	217	217
12875	68105	Barium	1	250	250
12886	68105	Barium	1	216	216
12964	68105	Barium	1	169	169
12995	68105	Barium	1	96.6	96.6
13069	68105	Barium	1	243	243
13073	68105	Barium	1	262	262
13092	68105	Barium	1	232	232
13166	68105	Barium	1	202	202
13185	68105	Barium	1	265	265
13187	68105	Barium	1	213	213
13191	68105	Barium	1	328	328
13204	68105	Barium	1	194	194
13209	68105	Barium	1	220	220
13237	68105	Barium	1	202	202
13240	68105	Barium	1	188	188
13245	68105	Barium	1	210	210
13248	68105	Barium	1	295	295
13273	68105	Barium	1	241	241
13283	68105	Barium	1	263	263
13322	68105	Barium	1	242.5	242.5
13336	68105	Barium	1	219	219
13370	68105	Barium	1	219	219
13381	68105	Barium	1	215	215
13389	68105	Barium	1	200	200
13403	68105	Barium	1	206	206
13437	68105	Barium	1	202	202
13438	68105	Barium	1	265	265
13460	68105	Barium	1	211	211
13476	68105	Barium	1	250	250
13573	68105	Barium	1	221	221
13577	68105	Barium	1	265	265
13611	68105	Barium	1	207	207
13656	68105	Barium	1	281	281
13690	68105	Barium	1	316	316
13731	68105	Barium	1	231	231
13735	68105	Barium	1	194	194
13741	68105	Barium	1	229	229
13745	68105	Barium	1	294	294
13779	68105	Barium	1	321	321
13790	68105	Barium	1	243	243
13791	68105	Barium	1	231	231
13793	68105	Barium	1	201	201
13851	68105	Barium	1	211	211
13863	68105	Barium	1	282	282

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13869	68105	Barium	1	184	184
13871	68105	Barium	1	170	170
13880	68105	Barium	1	294	294
13918	68105	Barium	1	202	202
13919	68105	Barium	1	254	254
13935	68105	Barium	1	156	156
13984	68105	Barium	1	200	200
14003	68105	Barium	1	180	180
14024	68105	Barium	1	203	203
14050	68105	Barium	1	223	223
14063	68105	Barium	1	233	233
14080	68105	Barium	1	182	182
14098	68105	Barium	1	238	238
14199	68105	Barium	1	293	293
14238	68105	Barium	1	255	255
14322	68105	Barium	1	198	198
14326	68105	Barium	1	245	245
14341	68105	Barium	1	161	161
14407	68105	Barium	1	284	284
14410	68105	Barium	1	226	226
14460	68105	Barium	1	238	238
14492	68105	Barium	1	266	266
14525	68105	Barium	1	279	279
14528	68105	Barium	1	209	209
14536	68105	Barium	1	506	506
14544	68105	Barium	1	207	207
14556	68105	Barium	1	182	182
14557	68105	Barium	1	232	232
14577	68105	Barium	1	259	259
14602	68105	Barium	1	171	171
14647	68105	Barium	1	207	207
14656	68105	Barium	1	218	218
14688	68105	Barium	1	209	209
14718	68105	Barium	1	267	267
14739	68105	Barium	1	249	249
14752	68105	Barium	1	231	231
14780	68105	Barium	1	211	211
14817	68105	Barium	1	190	190
14823	68105	Barium	1	208	208
14860	68105	Barium	1	197	197
14885	68105	Barium	1	243	243
14913	68105	Barium	1	227	227
14959	68105	Barium	1	204	204
14964	68105	Barium	1	237	237
14976	68105	Barium	1	218	218
14992	68105	Barium	1	252	252
15003	68105	Barium	1	236.5	236.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15044	68105	Barium	1	169	169
15045	68105	Barium	1	214	214
15058	68105	Barium	1	206	206
15060	68105	Barium	1	191	191
15091	68105	Barium	1	237	237
15106	68105	Barium	1	251	251
15166	68105	Barium	1	179	179
15227	68105	Barium	1	153	153
15231	68105	Barium	1	225	225
15255	68105	Barium	1	212	212
15278	68105	Barium	1	144	144
15279	68105	Barium	1	242	242
15292	68105	Barium	1	260	260
15299	68105	Barium	1	208	208
15308	68105	Barium	1	214	214
15317	68105	Barium	1	229	229
15329	68105	Barium	1	236	236
15336	68105	Barium	1	199	199
15348	68105	Barium	1	291	291
15363	68105	Barium	1	264	264
15372	68105	Barium	1	253	253
15416	68105	Barium	2	227	228
15496	68105	Barium	1	217	217
15519	68105	Barium	1	179	179
15526	68105	Barium	1	169	169
15577	68105	Barium	1	391	391
15587	68105	Barium	1	270	270
15611	68105	Barium	1	228	228
15651	68105	Barium	1	239	239
15686	68105	Barium	1	228	228
15695	68105	Barium	1	260	260
15728	68105	Barium	1	208	208
15801	68105	Barium	1	205	205
15835	68105	Barium	1	260	260
15842	68105	Barium	1	174	174
15871	68105	Barium	1	180	180
15891	68105	Barium	1	228	228
15918	68105	Barium	1	179	179
15959	68105	Barium	1	239	239
15985	68105	Barium	1	263	263
15988	68105	Barium	1	160	160
16027	68105	Barium	1	147	147
16072	68105	Barium	1	258	258
16094	68105	Barium	1	255	255
16098	68105	Barium	1	273	273
16123	68105	Barium	1	196	196
16155	68105	Barium	1	191	191

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16169	68105	Barium	1	159	159
16182	68105	Barium	1	208	208
16186	68105	Barium	1	296	296
16230	68105	Barium	1	328	328
16236	68105	Barium	1	246	246
16243	68105	Barium	1	212	212
16271	68105	Barium	1	437	437
16308	68105	Barium	1	137	137
16309	68105	Barium	1	188	188
16321	68105	Barium	1	233	233
16333	68105	Barium	1	267	267
16364	68105	Barium	1	188	188
16365	68105	Barium	1	123	123
16384	68105	Barium	1	232	232
16395	68105	Barium	1	198	198
16420	68105	Barium	1	289	289
16472	68105	Barium	1	312	312
16473	68105	Barium	1	274	274
16478	68105	Barium	1	264	264
16486	68105	Barium	1	158	158
16499	68105	Barium	1	285	285
16545	68105	Barium	1	221	221
16572	68105	Barium	1	259	259
16589	68105	Barium	1	213	213
16618	68105	Barium	1	252	252
16646	68105	Barium	1	169	169
16668	68105	Barium	1	255	255
16749	68105	Barium	1	207	207
16772	68105	Barium	1	219	219
16777	68105	Barium	1	269	269
16793	68105	Barium	1	220	220
16851	68105	Barium	1	258	258
16866	68105	Barium	1	217	217
16869	68105	Barium	1	174	174
16889	68105	Barium	1	181	181
16893	68105	Barium	1	208	208
16922	68105	Barium	1	262	262
16928	68105	Barium	1	210	210
16946	68105	Barium	1	239	239
16963	68105	Barium	1	253	253
16974	68105	Barium	1	212	212
17040	68105	Barium	1	286	286
17055	68105	Barium	1	235	235
17065	68105	Barium	1	251	251
17076	68105	Barium	1	239	239
17097	68105	Barium	1	214	214
17108	68105	Barium	1	215	215

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17142	68105	Barium	1	226	226
17179	68105	Barium	1	245	245
17198	68105	Barium	1	203	203
17199	68105	Barium	1	164	164
17270	68105	Barium	1	169	169
17298	68105	Barium	1	238	238
17300	68105	Barium	1	150	150
17348	68105	Barium	1	232	232
17374	68105	Barium	1	202	202
17379	68105	Barium	1	244	244
17542	68105	Barium	1	179	179
17557	68105	Barium	1	230	230
17719	68105	Barium	1	218	218
17725	68105	Barium	1	209	209
17745	68105	Barium	1	264	264
17753	68105	Barium	1	199	199
17802	68105	Barium	1	153	153
17803	68105	Barium	1	232	232
17827	68105	Barium	1	242	242
17876	68105	Barium	1	176	176
17899	68105	Barium	1	292	292
17918	68105	Barium	1	220	220
17934	68105	Barium	1	256	256
17935	68105	Barium	1	305	305
18036	68105	Barium	1	205	205
18133	68105	Barium	1	175	175
18147	68105	Barium	1	236	236
18177	68105	Barium	1	165	165
18187	68105	Barium	1	195	195
18189	68105	Barium	1	206	206
18281	68105	Barium	1	323	323
18321	68105	Barium	1	276	276
18349	68105	Barium	1	227	227
18452	68105	Barium	1	235	235
18453	68105	Barium	1	235	235
18469	68105	Barium	1	312	312
18499	68105	Barium	1	267	267
18561	68105	Barium	1	214	214
18573	68105	Barium	1	282	282
18598	68105	Barium	1	184	184
18610	68105	Barium	1	214	214
18654	68105	Barium	1	199	199
18661	68105	Barium	1	156	156
18673	68105	Barium	1	230	230
18676	68105	Barium	1	200	200
18693	68105	Barium	1	261	261
18757	68105	Barium	1	154	154

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18787	68105	Barium	1	162	162
18797	68105	Barium	1	224	224
18825	68105	Barium	1	259	259
18839	68105	Barium	1	269	269
18871	68105	Barium	1	337	337
18882	68105	Barium	1	213	213
18898	68105	Barium	1	226	226
18927	68105	Barium	1	216	216
18934	68105	Barium	1	256	256
19015	68105	Barium	1	253	253
19028	68105	Barium	1	226	226
19127	68105	Barium	1	273	273
19129	68105	Barium	1	213	213
19169	68105	Barium	1	234	234
19288	68105	Barium	1	197	197
19310	68105	Barium	1	247	247
19334	68105	Barium	1	479	479
19344	68105	Barium	1	352	352
19448	68105	Barium	1	238	238
19485	68105	Barium	1	243	243
19489	68105	Barium	1	268	268
19496	68105	Barium	1	231	231
19561	68105	Barium	1	230	230
19602	68105	Barium	1	193	193
19612	68105	Barium	1	196	196
19655	68105	Barium	1	235	235
19671	68105	Barium	1	273	273
19676	68105	Barium	1	218	218
19728	68105	Barium	1	259	259
19729	68105	Barium	1	259	259
19768	68105	Barium	1	199	199
19787	68105	Barium	1	815	815
19791	68105	Barium	1	394	394
19812	68105	Barium	1	249	249
19831	68105	Barium	1	239	239
19839	68105	Barium	1	220	220
19858	68105	Barium	1	250	250
19864	68105	Barium	1	214	214
19915	68105	Barium	1	171	171
19923	68105	Barium	1	290	290
19932	68105	Barium	1	224	224
19938	68105	Barium	1	219	219
19972	68105	Barium	1	312	312
19976	68105	Barium	1	166	166
19987	68105	Barium	1	188	188
20069	68105	Barium	1	211	211
20080	68105	Barium	1	216	216

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20105	68105	Barium	1	211	211
20110	68105	Barium	1	242	242
20128	68105	Barium	1	229	229
20170	68105	Barium	1	210	210
20218	68105	Barium	1	330	330
20236	68105	Barium	1	212	212
20313	68105	Barium	1	218	218
20315	68105	Barium	1	172	172
20342	68105	Barium	1	210	210
20420	68105	Barium	1	248	248
20426	68105	Barium	1	204	204
20452	68105	Barium	1	165	165
20470	68105	Barium	1	282	282
20471	68105	Barium	1	161	161
20477	68105	Barium	1	94.1	94.1
20506	68105	Barium	1	190	190
20510	68105	Barium	1	232	232
20535	68105	Barium	1	227	227
20545	68105	Barium	1	247	247
20557	68105	Barium	1	273	273
20584	68105	Barium	1	289	289
20590	68105	Barium	1	299	299
20603	68105	Barium	1	234	234
20610	68105	Barium	1	346	346
20612	68105	Barium	1	234	234
20656	68105	Barium	1	213	213
20674	68105	Barium	1	293	293
20685	68105	Barium	1	225	225
20702	68105	Barium	1	175	175
20759	68105	Barium	1	218	218
20777	68105	Barium	1	289	289
20823	68105	Barium	1	250	250
20845	68105	Barium	1	34.3	34.3
20856	68105	Barium	1	173	173
20883	68105	Barium	1	189	189
20908	68105	Barium	1	222	222
20925	68105	Barium	1	463	463
20945	68105	Barium	1	259	259
20961	68105	Barium	1	247	247
20964	68105	Barium	1	170	170
21005	68105	Barium	1	172	172
21012	68105	Barium	1	210	210
21019	68105	Barium	1	184	184
21053	68105	Barium	1	216	216
21064	68105	Barium	1	359	359
21068	68105	Barium	1	281	281
21079	68105	Barium	1	254	254

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21097	68105	Barium	1	292	292
21110	68105	Barium	1	219	219
21136	68105	Barium	1	257	257
21143	68105	Barium	1	319	319
21148	68105	Barium	1	188	188
21150	68105	Barium	1	161	161
21265	68105	Barium	1	250	250
21268	68105	Barium	1	246	246
21283	68105	Barium	1	255	255
21309	68105	Barium	1	200	200
21336	68105	Barium	1	348	348
21355	68105	Barium	1	195	195
21390	68105	Barium	1	170	170
21394	68105	Barium	1	178	178
21436	68105	Barium	1	226	226
21454	68105	Barium	1	188	188
21490	68105	Barium	1	189	189
21498	68105	Barium	1	128	128
21513	68105	Barium	1	178	178
21535	68105	Barium	1	237	237
21551	68105	Barium	1	202	202
21560	68105	Barium	1	270	270
21565	68105	Barium	1	222	222
21578	68105	Barium	1	320	320
21609	68105	Barium	1	257	257
21614	68105	Barium	1	439	439
21625	68105	Barium	1	200	200
21653	68105	Barium	1	214	214
21677	68105	Barium	1	261	261
21689	68105	Barium	1	255	255
21705	68105	Barium	1	247	247
21714	68105	Barium	1	290	290
21720	68105	Barium	1	234	234
21724	68105	Barium	1	298	298
21730	68105	Barium	1	233	233
21744	68105	Barium	1	234	234
21811	68105	Barium	1	351	351
21815	68105	Barium	1	540	540
21822	68105	Barium	1	177	177
21836	68105	Barium	1	216	216
21881	68105	Barium	1	52.9	52.9
21884	68105	Barium	1	183	183
21901	68105	Barium	1	228	228
21916	68105	Barium	1	205	205
21925	68105	Barium	1	263	263
21941	68105	Barium	1	219	219
21956	68105	Barium	1	206	206

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21981	68105	Barium	1	224	224
21985	68105	Barium	1	222	222
21989	68105	Barium	1	334	334
22006	68105	Barium	1	213	213
22013	68105	Barium	1	122	122
22024	68105	Barium	1	305	305
22025	68105	Barium	1	254	254
22027	68105	Barium	1	193	193
22034	68105	Barium	1	183	183
22036	68105	Barium	1	198	198
22039	68105	Barium	1	266	266
22044	68105	Barium	1	238	238
22046	68105	Barium	1	256	256
22056	68105	Barium	1	253	253
22061	68105	Barium	1	157	157
22074	68105	Barium	1	193	193
22079	68105	Barium	1	222	222
22080	68105	Barium	1	239	239
22177	68105	Barium	1	242	242
22181	68105	Barium	1	320	320
22183	68105	Barium	1	191	191
22230	68105	Barium	1	217	217
22273	68105	Barium	1	204	204
22295	68105	Barium	1	201	201
22320	68105	Barium	1	284	284
22344	68105	Barium	1	233	233
22358	68105	Barium	1	238	238
22386	68105	Barium	1	220	220
22399	68105	Barium	1	280	280
22405	68105	Barium	1	296	296
22453	68105	Barium	1	302	302
22563	68105	Barium	1	303	303
22574	68105	Barium	1	699	699
22636	68105	Barium	1	187	187
22715	68105	Barium	1	249	249
22716	68105	Barium	1	238	238
22754	68105	Barium	1	221	221
22772	68105	Barium	1	344	344
22832	68105	Barium	1	219	219
49272	68105	Barium	1	257	257
49289	68105	Barium	1	221	221
50528	68105	Barium	1	197	197
50574	68105	Barium	1	233	233
90427	68105	Barium	1	223	223
93120	68105	Barium	1	205	205
93354	68105	Barium	1	207	207
93358	68105	Barium	1	174	174

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
93364	68105	Barium	1	181	181
93381	68105	Barium	1	203	203
51011	68106	Barium	1	402	402
51029	68106	Barium	1	242	242
51034	68106	Barium	1	204	204
51037	68106	Barium	1	197	197
51041	68106	Barium	1	208	208
51046	68106	Barium	1	179	179
51047	68106	Barium	1	160	160
51052	68106	Barium	1	190	190
51058	68106	Barium	1	175	175
51064	68106	Barium	1	54.5	54.5
51065	68106	Barium	1	226	226
51079	68106	Barium	1	178	178
51080	68106	Barium	1	187	187
51082	68106	Barium	1	180	180
51089	68106	Barium	1	191	191
51093	68106	Barium	1	171	171
51101	68106	Barium	1	231	231
51102	68106	Barium	1	264	264
51113	68106	Barium	1	223	223
51116	68106	Barium	1	152	152
51118	68106	Barium	1	188	188
51120	68106	Barium	1	189	189
51123	68106	Barium	1	220	220
51126	68106	Barium	1	186	186
51127	68106	Barium	1	188	188
51132	68106	Barium	1	222	222
51133	68106	Barium	1	172	172
51143	68106	Barium	1	213	213
51155	68106	Barium	1	203	203
51158	68106	Barium	1	204	204
51160	68106	Barium	1	225	225
51162	68106	Barium	1	200	200
51184	68106	Barium	1	235	235
2030	68107	Barium	1	218	218
2038	68107	Barium	1	185	185
2056	68107	Barium	1	299	299
2104	68107	Barium	1	151	151
2124	68107	Barium	1	245	245
2167	68107	Barium	1	194	194
2206	68107	Barium	1	211	211
2220	68107	Barium	1	232	232
2252	68107	Barium	1	237	237
2273	68107	Barium	1	251	251
2292	68107	Barium	1	216	216
2496	68107	Barium	1	224	224

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2499	68107	Barium	1	263	263
3003	68107	Barium	1	215	215
3021	68107	Barium	1	250	250
3074	68107	Barium	1	173	173
3121	68107	Barium	1	227	227
5066	68107	Barium	1	198	198
5076	68107	Barium	1	237	237
5130	68107	Barium	1	254	254
5157	68107	Barium	1	241	241
5159	68107	Barium	1	228	228
5161	68107	Barium	1	222	222
5163	68107	Barium	1	221	221
5165	68107	Barium	1	274	274
5166	68107	Barium	1	233	233
5172	68107	Barium	1	264	264
5176	68107	Barium	1	213	213
5178	68107	Barium	1	216	216
5180	68107	Barium	1	256	256
5182	68107	Barium	1	206	206
5183	68107	Barium	1	199	199
5185	68107	Barium	1	208	208
5211	68107	Barium	1	176	176
5212	68107	Barium	1	223	223
10008	68107	Barium	1	182	182
10018	68107	Barium	1	185	185
10044	68107	Barium	1	218	218
10046	68107	Barium	1	272	272
10072	68107	Barium	1	159	159
10073	68107	Barium	1	205	205
10088	68107	Barium	1	171	171
10095	68107	Barium	1	279	279
10111	68107	Barium	1	246	246
10130	68107	Barium	1	234	234
10134	68107	Barium	1	232	232
10214	68107	Barium	1	287	287
10241	68107	Barium	1	315	315
10290	68107	Barium	1	227	227
10295	68107	Barium	1	186	186
10299	68107	Barium	1	409	409
10310	68107	Barium	1	236	236
10328	68107	Barium	1	211	211
10329	68107	Barium	1	233	233
10387	68107	Barium	1	212	212
10401	68107	Barium	2	194	197
10403	68107	Barium	1	284	284
10425	68107	Barium	1	253	253
10432	68107	Barium	1	268	268

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10455	68107	Barium	1	241	241
10458	68107	Barium	1	239	239
10468	68107	Barium	1	219	219
10471	68107	Barium	1	290	290
10484	68107	Barium	1	343	343
10492	68107	Barium	1	211	211
10500	68107	Barium	1	255	255
10508	68107	Barium	1	201	201
10513	68107	Barium	1	183	183
10538	68107	Barium	1	209	209
10543	68107	Barium	1	258	258
10548	68107	Barium	1	241	241
10578	68107	Barium	1	364	364
10582	68107	Barium	1	208	208
10622	68107	Barium	1	213	213
10633	68107	Barium	1	215	215
10650	68107	Barium	1	233	233
10654	68107	Barium	1	197	197
10662	68107	Barium	1	227	227
10670	68107	Barium	1	254	254
10687	68107	Barium	1	240	240
10707	68107	Barium	1	242	242
10720	68107	Barium	1	224	224
10735	68107	Barium	1	131	131
10738	68107	Barium	1	245	245
10794	68107	Barium	1	337	337
10814	68107	Barium	1	181	181
10822	68107	Barium	1	267	267
10831	68107	Barium	1	246	246
10834	68107	Barium	1	168	168
10842	68107	Barium	1	241	241
10848	68107	Barium	1	160	160
10858	68107	Barium	1	212	212
10860	68107	Barium	1	210	210
10870	68107	Barium	1	232	232
10876	68107	Barium	1	203	203
10877	68107	Barium	1	258	258
10880	68107	Barium	1	205	205
10895	68107	Barium	1	183	183
10909	68107	Barium	1	247	247
10914	68107	Barium	1	275	275
10920	68107	Barium	1	243	243
10925	68107	Barium	1	231	231
10931	68107	Barium	1	165	165
10938	68107	Barium	1	266	266
10944	68107	Barium	1	280	280
10947	68107	Barium	1	204	204

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10950	68107	Barium	1	366	366
10965	68107	Barium	1	288	288
10970	68107	Barium	1	240	240
10990	68107	Barium	1	215	215
10991	68107	Barium	1	235	235
11036	68107	Barium	1	300	300
11069	68107	Barium	1	254	254
11070	68107	Barium	1	203	203
11082	68107	Barium	1	250	250
11094	68107	Barium	1	206	206
11107	68107	Barium	1	201	201
11118	68107	Barium	1	365	365
11142	68107	Barium	1	254	254
11155	68107	Barium	1	185	185
11172	68107	Barium	1	221	221
11179	68107	Barium	1	341	341
11191	68107	Barium	1	269	269
11194	68107	Barium	1	195	195
11203	68107	Barium	1	236	236
11208	68107	Barium	1	172	172
11222	68107	Barium	1	252	252
11230	68107	Barium	1	187	187
11232	68107	Barium	1	158	158
11233	68107	Barium	1	185	185
11246	68107	Barium	1	297	297
11258	68107	Barium	1	284	284
11268	68107	Barium	1	228	228
11272	68107	Barium	1	232	232
11283	68107	Barium	1	170	170
11303	68107	Barium	1	210	210
11309	68107	Barium	1	267	267
11312	68107	Barium	1	227	227
11321	68107	Barium	1	227	227
11343	68107	Barium	1	250	250
11349	68107	Barium	1	229	229
11367	68107	Barium	1	280	280
11372	68107	Barium	1	208	208
11385	68107	Barium	1	223	223
11387	68107	Barium	1	183	183
11400	68107	Barium	1	282	282
11403	68107	Barium	1	215	215
11408	68107	Barium	1	284	284
11410	68107	Barium	1	179	179
11416	68107	Barium	1	298	298
11423	68107	Barium	1	176	176
11439	68107	Barium	1	244	244
11444	68107	Barium	1	280	280

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11449	68107	Barium	1	168	168
11465	68107	Barium	1	278	278
11469	68107	Barium	1	224	224
11491	68107	Barium	1	276	276
11494	68107	Barium	1	185	185
11523	68107	Barium	1	232	232
11552	68107	Barium	1	232	232
11558	68107	Barium	1	187	187
11568	68107	Barium	1	231	231
11599	68107	Barium	1	213	213
11601	68107	Barium	1	226	226
11603	68107	Barium	1	260	260
11604	68107	Barium	1	226	226
11609	68107	Barium	1	260	260
11614	68107	Barium	1	256	256
11661	68107	Barium	1	255	255
11686	68107	Barium	1	224	224
11711	68107	Barium	1	281	281
11741	68107	Barium	1	284	284
11754	68107	Barium	1	205	205
11765	68107	Barium	1	196	196
11777	68107	Barium	1	308	308
11807	68107	Barium	1	304	304
11829	68107	Barium	1	270	270
11842	68107	Barium	1	266	266
11865	68107	Barium	1	217	217
11894	68107	Barium	1	236	236
11902	68107	Barium	1	211	211
11910	68107	Barium	1	284	284
11941	68107	Barium	1	254	254
11960	68107	Barium	1	140	140
11982	68107	Barium	1	227	227
12002	68107	Barium	1	228	228
12009	68107	Barium	1	228	228
12012	68107	Barium	1	287	287
12037	68107	Barium	1	218	218
12047	68107	Barium	1	166	166
12086	68107	Barium	1	249	249
12114	68107	Barium	1	226	226
12116	68107	Barium	1	207	207
12118	68107	Barium	1	240	240
12124	68107	Barium	1	229	229
12126	68107	Barium	1	217	217
12152	68107	Barium	1	204	204
12166	68107	Barium	1	293	293
12194	68107	Barium	1	238	238
12206	68107	Barium	1	195	195

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12220	68107	Barium	1	272	272
12227	68107	Barium	2	238.5	241
12239	68107	Barium	1	296	296
12290	68107	Barium	1	237	237
12296	68107	Barium	1	279	279
12338	68107	Barium	1	217	217
12344	68107	Barium	1	303	303
12351	68107	Barium	1	199	199
12372	68107	Barium	1	224	224
12388	68107	Barium	1	275	275
12407	68107	Barium	1	183	183
12410	68107	Barium	1	208	208
12414	68107	Barium	1	357	357
12424	68107	Barium	1	227	227
12439	68107	Barium	1	261	261
12449	68107	Barium	1	260	260
12457	68107	Barium	1	206	206
12506	68107	Barium	1	275	275
12514	68107	Barium	1	236	236
12529	68107	Barium	1	180	180
12530	68107	Barium	1	207	207
12547	68107	Barium	1	265	265
12551	68107	Barium	1	272	272
12567	68107	Barium	1	269	269
12572	68107	Barium	1	252	252
12588	68107	Barium	1	225	225
12590	68107	Barium	1	192	192
12605	68107	Barium	1	274	274
12644	68107	Barium	1	209	209
12667	68107	Barium	1	290	290
12714	68107	Barium	1	257	257
12729	68107	Barium	1	252	252
12741	68107	Barium	1	177	177
12755	68107	Barium	1	207	207
12761	68107	Barium	1	316	316
12794	68107	Barium	1	228	228
12830	68107	Barium	1	261	261
12848	68107	Barium	1	336	336
12858	68107	Barium	1	281	281
12871	68107	Barium	1	267	267
13038	68107	Barium	1	319	319
13045	68107	Barium	1	307	307
43676	68107	Barium	1	203	203
43691	68107	Barium	1	185	185
43698	68107	Barium	1	208	208
43703	68107	Barium	1	205	205
43711	68107	Barium	1	191	191

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
43729	68107	Barium	1	159	159
43736	68107	Barium	1	222	222
43744	68107	Barium	1	137	137
43746	68107	Barium	1	191	191
43771	68107	Barium	1	228	228
43790	68107	Barium	1	226	226
43793	68107	Barium	1	180	180
43800	68107	Barium	1	181	181
43813	68107	Barium	1	210	210
43843	68107	Barium	1	223	223
43853	68107	Barium	1	191	191
43869	68107	Barium	1	193	193
43874	68107	Barium	1	235	235
43892	68107	Barium	1	222	222
43912	68107	Barium	1	197	197
43933	68107	Barium	1	173	173
43942	68107	Barium	1	199	199
43945	68107	Barium	1	194	194
43949	68107	Barium	1	235	235
43962	68107	Barium	1	306	306
43978	68107	Barium	1	166	166
44002	68107	Barium	1	235	235
44025	68107	Barium	1	164	164
44037	68107	Barium	1	190	190
44047	68107	Barium	1	196	196
44063	68107	Barium	1	193	193
44066	68107	Barium	1	236	236
44076	68107	Barium	1	301	301
44104	68107	Barium	1	198	198
44107	68107	Barium	1	216	216
44112	68107	Barium	1	324	324
44127	68107	Barium	1	174	174
44130	68107	Barium	1	191	191
44133	68107	Barium	1	183	183
44137	68107	Barium	1	301	301
44145	68107	Barium	1	266	266
44153	68107	Barium	1	183	183
44157	68107	Barium	1	212	212
44177	68107	Barium	1	222	222
44184	68107	Barium	1	206	206
44185	68107	Barium	1	204	204
44198	68107	Barium	1	201	201
44202	68107	Barium	1	186	186
44220	68107	Barium	1	202	202
44225	68107	Barium	1	173	173
44233	68107	Barium	1	192	192
44236	68107	Barium	1	208	208

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44237	68107	Barium	1	252	252
44248	68107	Barium	1	187	187
44299	68107	Barium	1	219	219
44319	68107	Barium	1	216	216
44348	68107	Barium	1	243	243
44416	68107	Barium	1	241	241
44446	68107	Barium	1	183	183
44452	68107	Barium	1	236	236
44455	68107	Barium	1	219	219
44456	68107	Barium	1	273	273
44465	68107	Barium	1	234	234
44475	68107	Barium	1	212	212
44482	68107	Barium	1	230	230
44483	68107	Barium	1	168	168
44490	68107	Barium	1	212	212
44503	68107	Barium	1	215	215
44507	68107	Barium	1	201	201
44508	68107	Barium	1	206	206
44519	68107	Barium	1	230	230
44526	68107	Barium	1	185	185
44528	68107	Barium	1	187	187
44529	68107	Barium	1	224	224
44531	68107	Barium	1	265	265
44536	68107	Barium	1	205	205
44539	68107	Barium	1	219	219
44546	68107	Barium	1	219	219
44549	68107	Barium	1	246	246
44556	68107	Barium	1	174	174
44567	68107	Barium	1	218	218
44578	68107	Barium	1	231	231
44581	68107	Barium	1	276	276
44589	68107	Barium	1	212	212
44590	68107	Barium	1	211	211
44592	68107	Barium	1	207	207
44597	68107	Barium	1	214	214
44617	68107	Barium	1	198	198
44619	68107	Barium	1	257	257
44623	68107	Barium	1	286	286
44626	68107	Barium	1	245	245
44636	68107	Barium	1	224	224
44640	68107	Barium	1	284	284
44644	68107	Barium	1	231	231
44668	68107	Barium	1	273	273
44700	68107	Barium	1	221	221
44711	68107	Barium	1	98.2	98.2
44725	68107	Barium	1	241	241
44727	68107	Barium	1	180	180

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44738	68107	Barium	1	189	189
44740	68107	Barium	1	220	220
44741	68107	Barium	1	268	268
44747	68107	Barium	1	179	179
44753	68107	Barium	1	199	199
44755	68107	Barium	1	230	230
44756	68107	Barium	1	189	189
44768	68107	Barium	1	217	217
44790	68107	Barium	1	192	192
44798	68107	Barium	1	220	220
44810	68107	Barium	1	258	258
44814	68107	Barium	1	300	300
44822	68107	Barium	1	206	206
44854	68107	Barium	1	228	228
44857	68107	Barium	1	299	299
44869	68107	Barium	1	207	207
44877	68107	Barium	1	330	330
44902	68107	Barium	1	288	288
44923	68107	Barium	1	179	179
44927	68107	Barium	1	197	197
44935	68107	Barium	1	229	229
44939	68107	Barium	1	246	246
44943	68107	Barium	1	196	196
44955	68107	Barium	1	221	221
44959	68107	Barium	1	191	191
44969	68107	Barium	1	244	244
44979	68107	Barium	1	248	248
44980	68107	Barium	1	186	186
44984	68107	Barium	1	184	184
44987	68107	Barium	1	287	287
44996	68107	Barium	1	206	206
45004	68107	Barium	1	256	256
45005	68107	Barium	1	256	256
45018	68107	Barium	1	237	237
45020	68107	Barium	1	230	230
45023	68107	Barium	1	254	254
45034	68107	Barium	1	245	245
45044	68107	Barium	1	181	181
45056	68107	Barium	1	311	311
45072	68107	Barium	1	196	196
45073	68107	Barium	1	265	265
45077	68107	Barium	1	201	201
45078	68107	Barium	1	235	235
45084	68107	Barium	1	260	260
45118	68107	Barium	1	243	243
45147	68107	Barium	1	157	157
45150	68107	Barium	1	294	294

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45156	68107	Barium	1	203	203
45166	68107	Barium	1	269	269
45167	68107	Barium	1	195	195
45183	68107	Barium	1	212	212
45188	68107	Barium	1	265	265
45195	68107	Barium	1	296	296
45199	68107	Barium	1	222	222
45206	68107	Barium	1	185	185
45213	68107	Barium	1	327	327
45223	68107	Barium	1	213	213
45227	68107	Barium	1	198	198
45236	68107	Barium	1	183	183
45244	68107	Barium	1	185	185
45259	68107	Barium	1	247	247
45265	68107	Barium	1	305	305
45269	68107	Barium	1	237	237
45298	68107	Barium	1	210	210
45300	68107	Barium	1	290	290
45303	68107	Barium	1	211	211
45304	68107	Barium	1	191	191
45305	68107	Barium	1	233	233
45321	68107	Barium	1	215	215
45343	68107	Barium	1	233	233
45350	68107	Barium	1	170	170
45356	68107	Barium	1	190	190
45364	68107	Barium	1	167	167
45370	68107	Barium	1	188	188
45390	68107	Barium	1	191	191
45393	68107	Barium	1	202	202
45404	68107	Barium	1	209	209
45411	68107	Barium	1	220	220
45423	68107	Barium	1	156	156
45424	68107	Barium	1	194	194
45447	68107	Barium	1	248	248
45458	68107	Barium	1	173	173
45460	68107	Barium	1	168	168
45475	68107	Barium	1	244	244
45484	68107	Barium	1	235	235
45487	68107	Barium	1	294	294
45494	68107	Barium	1	177	177
45495	68107	Barium	1	157	157
45503	68107	Barium	1	246	246
45530	68107	Barium	1	235	235
45533	68107	Barium	1	210	210
45564	68107	Barium	1	170	170
45566	68107	Barium	1	278	278
45574	68107	Barium	1	198	198

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45584	68107	Barium	1	215	215
45608	68107	Barium	1	209	209
45609	68107	Barium	1	182	182
45624	68107	Barium	1	269	269
45626	68107	Barium	1	189	189
45645	68107	Barium	1	340	340
45646	68107	Barium	1	181	181
45648	68107	Barium	1	211	211
45662	68107	Barium	1	204	204
45663	68107	Barium	1	187	187
45678	68107	Barium	1	188	188
45698	68107	Barium	1	165	165
45724	68107	Barium	1	189	189
45725	68107	Barium	1	212	212
45728	68107	Barium	1	206	206
45739	68107	Barium	1	229	229
45741	68107	Barium	1	201	201
45747	68107	Barium	1	152	152
45764	68107	Barium	1	197	197
45767	68107	Barium	1	280	280
45770	68107	Barium	1	269	269
45786	68107	Barium	1	199	199
45787	68107	Barium	1	176	176
45789	68107	Barium	1	208	208
45811	68107	Barium	1	184	184
45822	68107	Barium	1	213	213
45837	68107	Barium	1	250	250
45840	68107	Barium	1	170	170
45849	68107	Barium	1	177	177
45854	68107	Barium	1	136	136
45883	68107	Barium	1	225	225
45906	68107	Barium	1	205	205
45921	68107	Barium	1	210	210
45923	68107	Barium	1	198	198
45927	68107	Barium	1	219	219
45955	68107	Barium	1	239	239
45970	68107	Barium	1	231	231
45984	68107	Barium	1	264	264
45988	68107	Barium	1	235	235
45999	68107	Barium	1	196	196
46035	68107	Barium	1	221	221
46049	68107	Barium	1	224	224
46050	68107	Barium	1	211	211
46052	68107	Barium	1	208	208
46071	68107	Barium	1	174	174
46073	68107	Barium	1	160	160
46091	68107	Barium	1	211	211

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46103	68107	Barium	1	219	219
46107	68107	Barium	1	303	303
46118	68107	Barium	1	241	241
46122	68107	Barium	1	215	215
46127	68107	Barium	1	231	231
46133	68107	Barium	1	202	202
46145	68107	Barium	1	187	187
46150	68107	Barium	1	192	192
46164	68107	Barium	1	218	218
46168	68107	Barium	1	191	191
46180	68107	Barium	1	271	271
46187	68107	Barium	1	287	287
46210	68107	Barium	1	280	280
46214	68107	Barium	1	190	190
46241	68107	Barium	1	228	228
46247	68107	Barium	1	222	222
46260	68107	Barium	1	207	207
46279	68107	Barium	1	197	197
46297	68107	Barium	1	228	228
46346	68107	Barium	1	196	196
46347	68107	Barium	1	204	204
46363	68107	Barium	1	176	176
46368	68107	Barium	1	97	97
46380	68107	Barium	1	216	216
46399	68107	Barium	1	224	224
46423	68107	Barium	1	176	176
46432	68107	Barium	1	227	227
46448	68107	Barium	1	180	180
46461	68107	Barium	1	216	216
46469	68107	Barium	1	170	170
46472	68107	Barium	1	242	242
46473	68107	Barium	1	208	208
46474	68107	Barium	1	329	329
46478	68107	Barium	1	286	286
46490	68107	Barium	1	253	253
46493	68107	Barium	1	192	192
46494	68107	Barium	1	207	207
46498	68107	Barium	1	208	208
46505	68107	Barium	1	254	254
46509	68107	Barium	1	224	224
46527	68107	Barium	1	175	175
46566	68107	Barium	1	185	185
46579	68107	Barium	1	229	229
46583	68107	Barium	1	284	284
46610	68107	Barium	1	229	229
46626	68107	Barium	1	242	242
46628	68107	Barium	1	236	236

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46637	68107	Barium	1	212	212
46655	68107	Barium	1	250	250
46662	68107	Barium	1	262	262
46664	68107	Barium	1	210	210
46672	68107	Barium	1	385	385
46673	68107	Barium	1	197	197
46683	68107	Barium	1	458	458
46698	68107	Barium	1	220	220
46699	68107	Barium	1	198	198
46708	68107	Barium	1	219	219
46712	68107	Barium	1	272	272
46725	68107	Barium	1	285	285
46727	68107	Barium	1	246	246
46731	68107	Barium	1	243	243
46743	68107	Barium	1	223	223
46763	68107	Barium	1	598	598
46764	68107	Barium	1	223	223
46772	68107	Barium	1	129	129
46776	68107	Barium	1	226	226
46792	68107	Barium	1	219	219
46794	68107	Barium	1	220	220
46805	68107	Barium	1	291	291
46808	68107	Barium	1	333	333
46815	68107	Barium	1	289	289
46835	68107	Barium	1	84.3	84.3
46852	68107	Barium	1	251	251
46857	68107	Barium	1	251	251
46864	68107	Barium	1	223	223
46867	68107	Barium	1	266	266
46893	68107	Barium	1	333	333
46916	68107	Barium	1	179	179
46919	68107	Barium	1	267	267
46934	68107	Barium	1	314	314
46954	68107	Barium	1	195	195
46964	68107	Barium	1	184	184
46976	68107	Barium	1	391	391
46994	68107	Barium	1	242	242
46998	68107	Barium	1	274	274
47021	68107	Barium	1	274	274
47030	68107	Barium	1	222	222
47038	68107	Barium	1	253	253
47046	68107	Barium	1	270	270
47047	68107	Barium	1	363	363
47052	68107	Barium	1	162	162
47058	68107	Barium	1	255	255
47088	68107	Barium	1	216	216
47090	68107	Barium	1	241	241

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47106	68107	Barium	1	260	260
47139	68107	Barium	1	243	243
47140	68107	Barium	1	411	411
47147	68107	Barium	1	284	284
47148	68107	Barium	1	1	1
47149	68107	Barium	1	202	202
47163	68107	Barium	1	256	256
47172	68107	Barium	1	187	187
47179	68107	Barium	1	235	235
47181	68107	Barium	1	256	256
47196	68107	Barium	1	247	247
47203	68107	Barium	1	261	261
47206	68107	Barium	1	276	276
47215	68107	Barium	1	221	221
47216	68107	Barium	1	187	187
47217	68107	Barium	1	221	221
47218	68107	Barium	1	339	339
47223	68107	Barium	1	207	207
47249	68107	Barium	1	236	236
47250	68107	Barium	1	203	203
47259	68107	Barium	1	232	232
47274	68107	Barium	1	205	205
47275	68107	Barium	1	238	238
47279	68107	Barium	1	285	285
47291	68107	Barium	1	282	282
47293	68107	Barium	1	200	200
47296	68107	Barium	1	412	412
47311	68107	Barium	1	245	245
47312	68107	Barium	1	175	175
47315	68107	Barium	1	203	203
47320	68107	Barium	1	199	199
47322	68107	Barium	1	203	203
47338	68107	Barium	1	233	233
47339	68107	Barium	1	266	266
47356	68107	Barium	1	249	249
47368	68107	Barium	1	239	239
47380	68107	Barium	1	243	243
47382	68107	Barium	1	209	209
47385	68107	Barium	1	204	204
47390	68107	Barium	1	246	246
47417	68107	Barium	1	181	181
47421	68107	Barium	1	254	254
47424	68107	Barium	1	343	343
47425	68107	Barium	1	221	221
47440	68107	Barium	1	225	225
47452	68107	Barium	1	203	203
47475	68107	Barium	1	235	235

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47485	68107	Barium	1	221	221
47511	68107	Barium	1	374	374
47514	68107	Barium	1	255	255
47518	68107	Barium	1	219	219
47526	68107	Barium	1	190	190
47544	68107	Barium	1	255	255
47553	68107	Barium	1	289	289
47565	68107	Barium	1	237	237
47566	68107	Barium	1	197	197
47604	68107	Barium	1	209	209
47610	68107	Barium	1	243	243
47617	68107	Barium	1	241	241
47621	68107	Barium	1	237	237
47627	68107	Barium	1	192	192
47649	68107	Barium	1	255	255
47656	68107	Barium	1	184	184
47670	68107	Barium	1	308	308
47681	68107	Barium	1	284	284
47706	68107	Barium	1	196	196
47708	68107	Barium	1	193	193
47761	68107	Barium	1	160	160
47768	68107	Barium	1	432	432
47783	68107	Barium	1	427	427
47795	68107	Barium	1	156	156
47797	68107	Barium	1	245	245
47811	68107	Barium	1	270	270
47813	68107	Barium	1	215	215
47816	68107	Barium	1	212	212
47820	68107	Barium	1	216	216
47838	68107	Barium	1	210	210
47841	68107	Barium	1	225	225
47860	68107	Barium	1	249	249
47867	68107	Barium	1	329	329
47886	68107	Barium	1	193	193
47895	68107	Barium	1	378	378
47924	68107	Barium	1	236	236
47930	68107	Barium	1	284	284
47934	68107	Barium	1	246	246
47939	68107	Barium	1	317	317
47952	68107	Barium	1	288	288
47966	68107	Barium	1	137	137
47969	68107	Barium	1	257	257
48003	68107	Barium	1	212	212
48006	68107	Barium	1	299	299
48014	68107	Barium	1	182	182
48016	68107	Barium	1	225	225
48018	68107	Barium	1	211	211

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48036	68107	Barium	1	215	215
48043	68107	Barium	1	250	250
48048	68107	Barium	1	207	207
48056	68107	Barium	1	197	197
48092	68107	Barium	1	230	230
48116	68107	Barium	1	250	250
48118	68107	Barium	1	213	213
48120	68107	Barium	1	325	325
48135	68107	Barium	1	178	178
48141	68107	Barium	1	230	230
48150	68107	Barium	1	264	264
48167	68107	Barium	1	282	282
48232	68107	Barium	1	257	257
48245	68107	Barium	1	280	280
48261	68107	Barium	1	200	200
48271	68107	Barium	1	198	198
48292	68107	Barium	1	167	167
48308	68107	Barium	1	237	237
48327	68107	Barium	1	190	190
48334	68107	Barium	1	229	229
48341	68107	Barium	1	213	213
48359	68107	Barium	1	201	201
48367	68107	Barium	1	173	173
48368	68107	Barium	1	220	220
48380	68107	Barium	1	199	199
48416	68107	Barium	1	376	376
48418	68107	Barium	1	239	239
48434	68107	Barium	1	251	251
48494	68107	Barium	1	157	157
48495	68107	Barium	1	200	200
48508	68107	Barium	1	267	267
48510	68107	Barium	1	192	192
48525	68107	Barium	1	225	225
48547	68107	Barium	1	188	188
48553	68107	Barium	1	215	215
48578	68107	Barium	1	238	238
48583	68107	Barium	1	210	210
48589	68107	Barium	1	238	238
48593	68107	Barium	1	217	217
48596	68107	Barium	1	240	240
48620	68107	Barium	1	161	161
48636	68107	Barium	1	228	228
48639	68107	Barium	1	191	191
48641	68107	Barium	1	226	226
48654	68107	Barium	1	221	221
48661	68107	Barium	1	159	159
48668	68107	Barium	1	257	257

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48674	68107	Barium	1	232	232
48685	68107	Barium	1	155	155
48694	68107	Barium	1	164	164
48708	68107	Barium	1	379	379
48715	68107	Barium	1	265	265
48721	68107	Barium	1	192	192
48733	68107	Barium	1	221	221
48736	68107	Barium	1	181	181
48747	68107	Barium	1	183	183
48768	68107	Barium	1	171	171
48798	68107	Barium	1	235	235
48815	68107	Barium	1	231	231
48821	68107	Barium	1	271	271
48836	68107	Barium	1	212	212
48846	68107	Barium	1	241	241
48855	68107	Barium	1	344	344
48871	68107	Barium	1	249	249
48886	68107	Barium	1	244	244
48900	68107	Barium	1	176	176
48904	68107	Barium	1	195	195
48944	68107	Barium	1	252	252
48952	68107	Barium	1	201	201
48963	68107	Barium	1	197	197
48973	68107	Barium	1	219	219
48975	68107	Barium	1	218	218
48977	68107	Barium	1	228	228
48999	68107	Barium	1	281	281
49012	68107	Barium	1	279	279
49036	68107	Barium	1	242	242
49070	68107	Barium	1	182	182
49081	68107	Barium	1	200	200
49082	68107	Barium	1	238	238
49085	68107	Barium	1	208	208
49098	68107	Barium	1	236	236
49117	68107	Barium	1	193	193
49126	68107	Barium	1	211	211
49167	68107	Barium	1	152	152
49208	68107	Barium	1	322	322
49239	68107	Barium	1	240	240
49249	68107	Barium	1	161	161
49371	68107	Barium	1	234	234
49383	68107	Barium	1	232	232
49395	68107	Barium	1	194	194
49404	68107	Barium	1	204	204
49435	68107	Barium	1	202	202
49439	68107	Barium	1	153	153
49441	68107	Barium	1	208	208

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49444	68107	Barium	1	202	202
50137	68107	Barium	1	219	219
50139	68107	Barium	1	187	187
50140	68107	Barium	1	185	185
50141	68107	Barium	1	196	196
50144	68107	Barium	1	196	196
50158	68107	Barium	1	254	254
50185	68107	Barium	1	186	186
50191	68107	Barium	1	195	195
50192	68107	Barium	1	170	170
50193	68107	Barium	1	203	203
50214	68107	Barium	1	224	224
50243	68107	Barium	1	234	234
50244	68107	Barium	1	179	179
50246	68107	Barium	1	153	153
50249	68107	Barium	1	198	198
50276	68107	Barium	1	274	274
50284	68107	Barium	1	196	196
50286	68107	Barium	1	182	182
50292	68107	Barium	1	173	173
50293	68107	Barium	1	168	168
50294	68107	Barium	1	203	203
50299	68107	Barium	1	157	157
50300	68107	Barium	1	203	203
50313	68107	Barium	1	217	217
50325	68107	Barium	1	174	174
50326	68107	Barium	1	186	186
50335	68107	Barium	1	163	163
50359	68107	Barium	1	190	190
50360	68107	Barium	1	171	171
50361	68107	Barium	1	211	211
50362	68107	Barium	1	189	189
50537	68107	Barium	1	272	272
76891	68107	Barium	1	242	242
89377	68107	Barium	1	182	182
89408	68107	Barium	1	248	248
2170	68108	Barium	1	201	201
2518	68108	Barium	1	273	273
2521	68108	Barium	1	210	210
2522	68108	Barium	1	210	210
2527	68108	Barium	1	259	259
2532	68108	Barium	1	208	208
5225	68108	Barium	1	285	285
5227	68108	Barium	1	231	231
5229	68108	Barium	1	162	162
5284	68108	Barium	1	306	306
5300	68108	Barium	1	253	253

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5304	68108	Barium	1	221	221
5306	68108	Barium	1	281	281
5332	68108	Barium	1	231	231
5387	68108	Barium	1	251	251
5390	68108	Barium	1	250	250
5394	68108	Barium	1	251	251
5395	68108	Barium	1	323	323
5398	68108	Barium	1	310	310
5403	68108	Barium	1	275	275
5407	68108	Barium	1	344	344
5408	68108	Barium	1	244	244
5409	68108	Barium	1	116	116
5416	68108	Barium	1	214	214
5418	68108	Barium	1	244	244
5422	68108	Barium	1	275	275
5425	68108	Barium	1	265	265
5426	68108	Barium	1	230	230
5427	68108	Barium	1	306	306
5429	68108	Barium	1	212	212
5431	68108	Barium	1	311	311
5432	68108	Barium	1	343	343
5449	68108	Barium	1	325	325
5450	68108	Barium	1	226	226
5454	68108	Barium	1	274	274
5460	68108	Barium	1	210	210
5463	68108	Barium	1	248	248
5467	68108	Barium	1	253	253
5472	68108	Barium	1	228	228
5473	68108	Barium	1	273	273
5474	68108	Barium	1	254	254
5480	68108	Barium	1	316	316
5483	68108	Barium	1	254	254
5485	68108	Barium	1	242	242
5492	68108	Barium	1	277	277
5505	68108	Barium	1	296	296
5572	68108	Barium	1	261	261
5607	68108	Barium	1	258	258
5608	68108	Barium	1	245	245
5623	68108	Barium	1	223	223
5628	68108	Barium	1	263	263
5630	68108	Barium	1	289	289
5636	68108	Barium	1	342	342
5637	68108	Barium	1	207	207
5652	68108	Barium	1	299	299
12816	68108	Barium	1	194	194
12859	68108	Barium	1	289	289
12926	68108	Barium	1	300	300

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12947	68108	Barium	1	263	263
13102	68108	Barium	1	291	291
13164	68108	Barium	1	202	202
13184	68108	Barium	1	226	226
13189	68108	Barium	1	233	233
13239	68108	Barium	1	239	239
13267	68108	Barium	1	203	203
13436	68108	Barium	1	265	265
13485	68108	Barium	1	229	229
13529	68108	Barium	1	254	254
13530	68108	Barium	1	217	217
13536	68108	Barium	1	276	276
13575	68108	Barium	1	220	220
13645	68108	Barium	1	222	222
13661	68108	Barium	1	299	299
13674	68108	Barium	1	223	223
13675	68108	Barium	1	268	268
13760	68108	Barium	1	223	223
13773	68108	Barium	1	226	226
13795	68108	Barium	1	342	342
13941	68108	Barium	1	228	228
14043	68108	Barium	1	269	269
14076	68108	Barium	1	259	259
14079	68108	Barium	1	190	190
14130	68108	Barium	1	256	256
14140	68108	Barium	1	277	277
14203	68108	Barium	1	106	106
14270	68108	Barium	1	204	204
14279	68108	Barium	1	190	190
14290	68108	Barium	1	260	260
14438	68108	Barium	1	196	196
14449	68108	Barium	1	210	210
14481	68108	Barium	1	252	252
14486	68108	Barium	1	186	186
14497	68108	Barium	1	246	246
14537	68108	Barium	1	257	257
14545	68108	Barium	1	227	227
14576	68108	Barium	1	236	236
14578	68108	Barium	1	186	186
14617	68108	Barium	1	258	258
14660	68108	Barium	1	363	363
14692	68108	Barium	1	293	293
14720	68108	Barium	1	184	184
14818	68108	Barium	1	283	283
14825	68108	Barium	1	256	256
14849	68108	Barium	1	311	311
14855	68108	Barium	1	222	222

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14878	68108	Barium	1	250	250
14914	68108	Barium	1	232	232
14998	68108	Barium	1	206	206
15001	68108	Barium	1	253	253
15051	68108	Barium	1	335	335
15053	68108	Barium	1	265	265
15116	68108	Barium	1	290	290
15135	68108	Barium	1	442	442
15248	68108	Barium	1	202	202
15256	68108	Barium	1	276	276
15266	68108	Barium	1	254	254
15337	68108	Barium	1	313	313
15443	68108	Barium	1	215	215
15468	68108	Barium	1	247	247
15601	68108	Barium	1	265	265
15603	68108	Barium	1	201	201
15687	68108	Barium	1	364	364
15748	68108	Barium	1	221	221
15768	68108	Barium	1	240	240
15915	68108	Barium	1	187	187
15939	68108	Barium	1	227	227
15955	68108	Barium	1	277	277
15966	68108	Barium	1	325	325
15980	68108	Barium	1	304	304
16006	68108	Barium	1	226	226
16126	68108	Barium	1	142	142
16135	68108	Barium	1	109	109
16137	68108	Barium	1	343	343
16145	68108	Barium	1	277	277
16261	68108	Barium	1	225	225
16267	68108	Barium	1	229	229
16319	68108	Barium	1	440	440
16349	68108	Barium	1	257	257
16446	68108	Barium	1	340	340
16530	68108	Barium	1	240	240
16556	68108	Barium	1	222	222
16581	68108	Barium	1	212	212
16595	68108	Barium	1	231	231
16599	68108	Barium	1	211	211
16711	68108	Barium	1	314	314
16813	68108	Barium	1	327	327
16973	68108	Barium	1	291	291
17004	68108	Barium	1	495	495
17005	68108	Barium	1	187	187
17022	68108	Barium	1	450	450
17242	68108	Barium	1	274	274
17247	68108	Barium	1	265	265

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17282	68108	Barium	1	175	175
17316	68108	Barium	1	283	283
17323	68108	Barium	1	205	205
17335	68108	Barium	1	191	191
17360	68108	Barium	1	242	242
17414	68108	Barium	1	266	266
17416	68108	Barium	1	420	420
17417	68108	Barium	1	286	286
17418	68108	Barium	1	296	296
17461	68108	Barium	1	278	278
17498	68108	Barium	1	246	246
17550	68108	Barium	1	147	147
17671	68108	Barium	1	273	273
17699	68108	Barium	1	161	161
17700	68108	Barium	1	493	493
17701	68108	Barium	1	160	160
17703	68108	Barium	1	286	286
17732	68108	Barium	1	225	225
17778	68108	Barium	1	331	331
17840	68108	Barium	1	245	245
17849	68108	Barium	1	225	225
17861	68108	Barium	1	281	281
17864	68108	Barium	1	191	191
17865	68108	Barium	1	276	276
17908	68108	Barium	1	316	316
17945	68108	Barium	1	232	232
17963	68108	Barium	1	400	400
17968	68108	Barium	1	196	196
17985	68108	Barium	1	71	71
18129	68108	Barium	1	254	254
18148	68108	Barium	1	279	279
18179	68108	Barium	1	146	146
18198	68108	Barium	1	306	306
18218	68108	Barium	1	282	282
18222	68108	Barium	1	252	252
18249	68108	Barium	1	363	363
18328	68108	Barium	1	216	216
18330	68108	Barium	1	257	257
18339	68108	Barium	1	308	308
18385	68108	Barium	1	236	236
18422	68108	Barium	1	487	487
18435	68108	Barium	1	316	316
18461	68108	Barium	1	271	271
18486	68108	Barium	1	221	221
18532	68108	Barium	1	257	257
18547	68108	Barium	1	235	235
18597	68108	Barium	1	277	277

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18634	68108	Barium	1	244	244
18664	68108	Barium	1	286	286
18687	68108	Barium	1	364	364
18691	68108	Barium	1	233	233
18697	68108	Barium	1	230	230
18712	68108	Barium	1	294	294
18718	68108	Barium	1	233	233
18749	68108	Barium	1	247	247
18800	68108	Barium	1	272	272
18802	68108	Barium	1	274	274
18833	68108	Barium	1	295	295
18890	68108	Barium	1	239	239
18903	68108	Barium	1	303	303
18943	68108	Barium	1	202	202
18968	68108	Barium	1	286	286
18988	68108	Barium	1	259	259
19030	68108	Barium	1	350	350
19116	68108	Barium	1	238	238
19126	68108	Barium	1	222	222
19153	68108	Barium	1	258	258
19190	68108	Barium	1	212	212
19343	68108	Barium	1	325	325
19371	68108	Barium	1	202	202
19373	68108	Barium	1	281	281
19417	68108	Barium	1	240	240
19440	68108	Barium	1	307	307
19444	68108	Barium	1	251	251
19474	68108	Barium	1	253	253
19640	68108	Barium	1	243	243
19660	68108	Barium	1	231	231
19680	68108	Barium	1	182	182
19792	68108	Barium	1	454	454
19875	68108	Barium	1	287	287
19920	68108	Barium	1	275	275
19988	68108	Barium	1	228	228
20044	68108	Barium	1	370	370
20137	68108	Barium	1	218	218
20149	68108	Barium	1	361	361
20168	68108	Barium	1	196	196
20169	68108	Barium	1	232	232
20244	68108	Barium	1	255	255
20285	68108	Barium	1	273	273
20287	68108	Barium	1	201	201
20344	68108	Barium	1	232	232
20367	68108	Barium	1	237	237
20464	68108	Barium	1	234	234
20467	68108	Barium	1	240	240

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20567	68108	Barium	1	212	212
20588	68108	Barium	1	142	142
20608	68108	Barium	1	380	380
20629	68108	Barium	1	251	251
20671	68108	Barium	1	311	311
20746	68108	Barium	1	260	260
20752	68108	Barium	1	288	288
20831	68108	Barium	1	299	299
20881	68108	Barium	1	707	707
20922	68108	Barium	1	258	258
21123	68108	Barium	1	246	246
21190	68108	Barium	1	215	215
21502	68108	Barium	1	237	237
21582	68108	Barium	1	271	271
21729	68108	Barium	1	275	275
21863	68108	Barium	1	408	408
22203	68108	Barium	1	255	255
22282	68108	Barium	1	354	354
50453	68108	Barium	1	186	186
50624	68108	Barium	1	254	254
74047	68108	Barium	1	222	222
79306	68108	Barium	1	317	317
87989	68108	Barium	1	512	512
88004	68108	Barium	1	293	293
88031	68108	Barium	1	219	219
89842	68108	Barium	1	232	232
90601	68108	Barium	1	190	190
92372	68108	Barium	1	250	250
93003	68108	Barium	1	238	238
93522	68108	Barium	1	215	215
2069	68110	Barium	1	220	220
2280	68110	Barium	1	269	269
2354	68110	Barium	1	267	267
2355	68110	Barium	1	270	270
2539	68110	Barium	1	294	294
3136	68110	Barium	1	223	223
5258	68110	Barium	1	241	241
5388	68110	Barium	1	236	236
5520	68110	Barium	1	352	352
5525	68110	Barium	1	389	389
5527	68110	Barium	1	252	252
5530	68110	Barium	1	295	295
5532	68110	Barium	1	348	348
5536	68110	Barium	1	244	244
5541	68110	Barium	1	238	238
5544	68110	Barium	1	204	204
5546	68110	Barium	1	227	227

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5551	68110	Barium	1	205	205
5559	68110	Barium	1	210	210
5560	68110	Barium	1	262	262
5561	68110	Barium	1	217	217
5563	68110	Barium	1	207	207
5565	68110	Barium	1	258	258
5566	68110	Barium	1	220	220
5612	68110	Barium	1	283	283
5614	68110	Barium	1	338	338
5641	68110	Barium	1	256	256
5650	68110	Barium	1	241	241
5651	68110	Barium	1	251	251
26122	68110	Barium	1	266	266
26133	68110	Barium	1	288	288
26234	68110	Barium	1	193	193
26341	68110	Barium	1	246	246
26410	68110	Barium	1	204	204
26447	68110	Barium	1	225	225
26465	68110	Barium	1	258	258
26527	68110	Barium	1	211	211
26550	68110	Barium	1	280	280
26762	68110	Barium	1	277	277
27034	68110	Barium	1	262	262
27069	68110	Barium	1	196	196
27291	68110	Barium	1	270	270
27435	68110	Barium	1	252	252
27589	68110	Barium	1	779	779
27592	68110	Barium	1	236	236
27683	68110	Barium	1	257	257
27704	68110	Barium	1	247	247
27756	68110	Barium	1	246	246
27815	68110	Barium	1	113	113
27822	68110	Barium	1	235	235
27826	68110	Barium	1	247	247
27840	68110	Barium	1	228	228
27844	68110	Barium	1	194	194
27884	68110	Barium	1	360	360
27907	68110	Barium	1	180	180
27927	68110	Barium	1	300	300
27984	68110	Barium	1	297	297
28074	68110	Barium	1	250	250
28075	68110	Barium	1	214	214
28120	68110	Barium	1	220	220
28167	68110	Barium	1	268	268
28226	68110	Barium	1	282	282
28335	68110	Barium	1	223	223
28360	68110	Barium	1	238	238

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28404	68110	Barium	1	287	287
28421	68110	Barium	1	230	230
28455	68110	Barium	1	268	268
28501	68110	Barium	1	241	241
28550	68110	Barium	1	239	239
28591	68110	Barium	1	232	232
28647	68110	Barium	1	250	250
28670	68110	Barium	1	276	276
28711	68110	Barium	1	230	230
28717	68110	Barium	1	224	224
28726	68110	Barium	1	265	265
28905	68110	Barium	1	202	202
28977	68110	Barium	1	251	251
28999	68110	Barium	1	172	172
29058	68110	Barium	1	302	302
29063	68110	Barium	1	249	249
29084	68110	Barium	1	251	251
29093	68110	Barium	1	226	226
29095	68110	Barium	1	218	218
29117	68110	Barium	1	377	377
29135	68110	Barium	1	345	345
29207	68110	Barium	1	270	270
29238	68110	Barium	1	140	140
29257	68110	Barium	1	307	307
29271	68110	Barium	1	198	198
29283	68110	Barium	1	271	271
29290	68110	Barium	1	307	307
29332	68110	Barium	1	200	200
29360	68110	Barium	1	158	158
29361	68110	Barium	1	253	253
29393	68110	Barium	1	222	222
29421	68110	Barium	1	261	261
29493	68110	Barium	1	327	327
29500	68110	Barium	1	298	298
29505	68110	Barium	1	449	449
29550	68110	Barium	1	265	265
29610	68110	Barium	1	201	201
29634	68110	Barium	1	241	241
29665	68110	Barium	1	197	197
29753	68110	Barium	1	195	195
29774	68110	Barium	1	230	230
29786	68110	Barium	1	230	230
29795	68110	Barium	1	177	177
29844	68110	Barium	1	235	235
29877	68110	Barium	1	278	278
29887	68110	Barium	1	224	224
29911	68110	Barium	1	246	246

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29913	68110	Barium	1	304	304
29920	68110	Barium	1	160	160
29921	68110	Barium	1	246	246
29934	68110	Barium	1	122	122
29942	68110	Barium	1	255	255
29943	68110	Barium	1	215	215
30017	68110	Barium	1	229	229
30172	68110	Barium	1	242	242
30189	68110	Barium	1	234	234
30210	68110	Barium	1	104	104
30291	68110	Barium	1	214	214
30394	68110	Barium	1	289	289
30410	68110	Barium	1	202	202
30422	68110	Barium	1	182	182
30443	68110	Barium	1	205	205
30469	68110	Barium	1	257	257
30470	68110	Barium	1	205	205
30500	68110	Barium	1	218	218
30551	68110	Barium	1	238	238
30556	68110	Barium	1	207	207
30566	68110	Barium	1	229	229
30575	68110	Barium	1	309	309
30633	68110	Barium	1	223	223
30651	68110	Barium	1	207	207
30688	68110	Barium	1	211	211
30705	68110	Barium	1	222	222
30786	68110	Barium	1	339	339
30803	68110	Barium	1	210	210
30870	68110	Barium	1	213	213
30954	68110	Barium	1	249	249
30980	68110	Barium	1	198	198
31097	68110	Barium	1	234	234
31153	68110	Barium	1	236	236
31174	68110	Barium	1	199	199
31223	68110	Barium	1	253	253
31231	68110	Barium	1	258	258
31350	68110	Barium	1	303	303
31401	68110	Barium	1	282	282
31568	68110	Barium	1	225	225
31645	68110	Barium	1	195	195
31757	68110	Barium	1	208	208
31760	68110	Barium	1	186	186
31814	68110	Barium	1	242	242
31832	68110	Barium	1	236	236
31959	68110	Barium	1	217	217
32019	68110	Barium	1	204	204
32039	68110	Barium	1	259	259

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32043	68110	Barium	1	242	242
32063	68110	Barium	1	216	216
32214	68110	Barium	1	199	199
32373	68110	Barium	1	243	243
32484	68110	Barium	1	205	205
32508	68110	Barium	1	247	247
32529	68110	Barium	1	218	218
32536	68110	Barium	1	311	311
32570	68110	Barium	1	237	237
32645	68110	Barium	1	329	329
32707	68110	Barium	1	272	272
32727	68110	Barium	1	223	223
32733	68110	Barium	1	267	267
32734	68110	Barium	1	342	342
32875	68110	Barium	1	216	216
32903	68110	Barium	1	307	307
32915	68110	Barium	1	249	249
32927	68110	Barium	1	237	237
32996	68110	Barium	1	208	208
33078	68110	Barium	1	258	258
33084	68110	Barium	1	321	321
33280	68110	Barium	1	247	247
33421	68110	Barium	1	277	277
33468	68110	Barium	1	215	215
33472	68110	Barium	1	301	301
33477	68110	Barium	1	158	158
33483	68110	Barium	1	254	254
33512	68110	Barium	1	206	206
33519	68110	Barium	1	231	231
33543	68110	Barium	1	242	242
33555	68110	Barium	1	319	319
33602	68110	Barium	1	237	237
33629	68110	Barium	1	262	262
33635	68110	Barium	1	221	221
33714	68110	Barium	1	460	460
33725	68110	Barium	1	198	198
33840	68110	Barium	1	279	279
33927	68110	Barium	1	238	238
34002	68110	Barium	1	223	223
34047	68110	Barium	1	246	246
34116	68110	Barium	1	453	453
34237	68110	Barium	1	266	266
34260	68110	Barium	1	104	104
34266	68110	Barium	1	207	207
34272	68110	Barium	1	187	187
34276	68110	Barium	1	206	206
34287	68110	Barium	1	259	259

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34613	68110	Barium	1	245	245
34625	68110	Barium	1	228	228
34638	68110	Barium	1	194	194
34674	68110	Barium	1	228	228
34696	68110	Barium	1	255	255
34710	68110	Barium	1	230	230
34733	68110	Barium	1	218	218
34738	68110	Barium	1	218	218
34742	68110	Barium	1	158	158
34821	68110	Barium	1	232	232
35022	68110	Barium	1	291	291
35047	68110	Barium	1	265	265
35180	68110	Barium	1	189	189
35183	68110	Barium	1	225	225
35249	68110	Barium	1	233	233
35384	68110	Barium	1	195	195
35438	68110	Barium	1	250	250
35501	68110	Barium	1	176	176
35558	68110	Barium	1	396	396
35589	68110	Barium	1	210	210
35637	68110	Barium	1	194	194
35710	68110	Barium	1	182	182
35754	68110	Barium	1	280	280
35787	68110	Barium	1	216	216
35792	68110	Barium	1	182	182
35793	68110	Barium	1	208	208
36189	68110	Barium	1	223	223
37075	68110	Barium	1	209	209
37434	68110	Barium	1	218	218
37456	68110	Barium	1	298	298
37525	68110	Barium	1	202	202
37674	68110	Barium	1	195	195
37821	68110	Barium	1	203	203
38725	68110	Barium	1	195	195
38863	68110	Barium	1	310	310
39142	68110	Barium	1	220	220
39271	68110	Barium	1	191	191
39434	68110	Barium	1	322	322
39572	68110	Barium	1	176	176
55636	68110	Barium	1	224	224
74149	68110	Barium	1	214	214
79377	68110	Barium	1	209	209
81398	68110	Barium	1	198	198
81400	68110	Barium	1	179	179
87991	68110	Barium	1	222	222
90908	68110	Barium	1	288	288
91449	68110	Barium	1	218	218

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
92501	68110	Barium	1	202	202
92675	68110	Barium	1	196	196
93337	68110	Barium	1	169	169
93338	68110	Barium	1	207	207
93342	68110	Barium	1	203	203
93344	68110	Barium	1	188	188
93345	68110	Barium	1	214	214
2035	68111	Barium	1	262	262
2075	68111	Barium	1	185	185
2103	68111	Barium	1	221	221
2109	68111	Barium	1	220	220
2118	68111	Barium	1	178	178
2121	68111	Barium	1	178	178
2126	68111	Barium	1	213	213
2154	68111	Barium	1	217	217
2179	68111	Barium	1	208	208
2216	68111	Barium	1	226	226
2225	68111	Barium	1	280	280
2231	68111	Barium	1	94	94
2262	68111	Barium	1	240	240
2365	68111	Barium	1	239	239
2425	68111	Barium	1	254	254
2565	68111	Barium	1	247	247
3046	68111	Barium	1	244	244
3051	68111	Barium	1	225	225
3058	68111	Barium	1	503	503
3091	68111	Barium	1	159	159
3133	68111	Barium	1	201	201
3151	68111	Barium	1	270	270
5013	68111	Barium	1	212	212
5085	68111	Barium	1	239	239
5170	68111	Barium	1	221	221
5171	68111	Barium	1	220	220
5204	68111	Barium	1	235	235
5206	68111	Barium	1	240	240
5208	68111	Barium	1	273	273
5215	68111	Barium	1	242	242
5221	68111	Barium	1	309	309
5230	68111	Barium	1	220	220
5232	68111	Barium	1	219	219
5234	68111	Barium	1	389	389
5236	68111	Barium	1	674	674
5238	68111	Barium	1	299	299
5240	68111	Barium	1	210	210
5242	68111	Barium	1	197	197
5246	68111	Barium	1	262	262
5288	68111	Barium	1	342	342

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5296	68111	Barium	1	203	203
5330	68111	Barium	1	257	257
5333	68111	Barium	1	201	201
5513	68111	Barium	1	197	197
5514	68111	Barium	1	219	219
5618	68111	Barium	1	205	205
25647	68111	Barium	1	291	291
25663	68111	Barium	1	246	246
25670	68111	Barium	1	311	311
25708	68111	Barium	1	232	232
25709	68111	Barium	1	213	213
25750	68111	Barium	1	218	218
25780	68111	Barium	1	202	202
25786	68111	Barium	1	219	219
25794	68111	Barium	1	379	379
25804	68111	Barium	1	214	214
25805	68111	Barium	1	303	303
25834	68111	Barium	1	269	269
25849	68111	Barium	1	314	314
25869	68111	Barium	1	242	242
25874	68111	Barium	1	229	229
25877	68111	Barium	1	198	198
25894	68111	Barium	1	241	241
25903	68111	Barium	1	213	213
25918	68111	Barium	1	194	194
25921	68111	Barium	1	137	137
25977	68111	Barium	1	239	239
25985	68111	Barium	1	274	274
26005	68111	Barium	1	316	316
26009	68111	Barium	1	254	254
26011	68111	Barium	1	227	227
26030	68111	Barium	1	344	344
26042	68111	Barium	1	283	283
26043	68111	Barium	1	245	245
26045	68111	Barium	1	298	298
26053	68111	Barium	1	224	224
26084	68111	Barium	1	307	307
26100	68111	Barium	1	284	284
26124	68111	Barium	1	268	268
26135	68111	Barium	1	291	291
26142	68111	Barium	1	239	239
26149	68111	Barium	1	236	236
26160	68111	Barium	1	209	209
26164	68111	Barium	1	341	341
26191	68111	Barium	1	224	224
26199	68111	Barium	1	233	233
26202	68111	Barium	1	286	286

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26204	68111	Barium	1	184	184
26211	68111	Barium	1	262	262
26215	68111	Barium	1	218	218
26228	68111	Barium	1	275	275
26229	68111	Barium	1	239	239
26231	68111	Barium	1	299	299
26249	68111	Barium	1	232	232
26257	68111	Barium	1	234	234
26263	68111	Barium	1	181	181
26288	68111	Barium	1	228	228
26289	68111	Barium	1	349	349
26290	68111	Barium	1	235	235
26295	68111	Barium	1	211	211
26303	68111	Barium	1	264	264
26327	68111	Barium	1	218	218
26372	68111	Barium	1	219	219
26428	68111	Barium	1	135	135
26456	68111	Barium	1	196	196
26459	68111	Barium	1	220	220
26480	68111	Barium	1	381	381
26485	68111	Barium	1	215	215
26514	68111	Barium	1	389	389
26518	68111	Barium	1	397	397
26543	68111	Barium	1	250	250
26570	68111	Barium	1	334	334
26604	68111	Barium	1	207	207
26653	68111	Barium	1	224	224
26663	68111	Barium	1	245	245
26665	68111	Barium	1	246	246
26682	68111	Barium	1	215	215
26695	68111	Barium	1	266	266
26716	68111	Barium	1	236	236
26742	68111	Barium	1	286	286
26757	68111	Barium	1	237	237
26759	68111	Barium	1	227	227
26772	68111	Barium	1	224	224
26779	68111	Barium	1	343	343
26783	68111	Barium	1	327	327
26834	68111	Barium	1	347	347
26844	68111	Barium	1	231	231
26858	68111	Barium	1	301	301
26865	68111	Barium	1	314	314
26868	68111	Barium	1	213	213
26869	68111	Barium	1	240	240
26877	68111	Barium	1	183	183
26891	68111	Barium	1	283	283
26948	68111	Barium	1	271	271

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26955	68111	Barium	1	249	249
26967	68111	Barium	1	206	206
26996	68111	Barium	1	319	319
26997	68111	Barium	1	208	208
26999	68111	Barium	1	347	347
27005	68111	Barium	1	201	201
27031	68111	Barium	1	229	229
27038	68111	Barium	1	242	242
27052	68111	Barium	1	228	228
27074	68111	Barium	1	188	188
27096	68111	Barium	1	248	248
27107	68111	Barium	1	221	221
27117	68111	Barium	1	169	169
27120	68111	Barium	1	290	290
27137	68111	Barium	1	282	282
27138	68111	Barium	1	219	219
27139	68111	Barium	1	224	224
27140	68111	Barium	1	190	190
27142	68111	Barium	1	256	256
27144	68111	Barium	1	177	177
27145	68111	Barium	1	197	197
27148	68111	Barium	1	167	167
27177	68111	Barium	1	264	264
27185	68111	Barium	1	227	227
27191	68111	Barium	1	169	169
27193	68111	Barium	1	183	183
27202	68111	Barium	1	210	210
27264	68111	Barium	1	246	246
27266	68111	Barium	1	177	177
27269	68111	Barium	1	397	397
27278	68111	Barium	1	225	225
27308	68111	Barium	1	185	185
27315	68111	Barium	1	433	433
27318	68111	Barium	1	295	295
27342	68111	Barium	1	195	195
27347	68111	Barium	1	209	209
27366	68111	Barium	1	233	233
27369	68111	Barium	1	198	198
27399	68111	Barium	1	299	299
27402	68111	Barium	1	238	238
27446	68111	Barium	1	237	237
27461	68111	Barium	1	183	183
27467	68111	Barium	1	247	247
27475	68111	Barium	1	282	282
27481	68111	Barium	1	185	185
27488	68111	Barium	1	262	262
27524	68111	Barium	1	301	301

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27567	68111	Barium	1	213	213
27581	68111	Barium	1	270	270
27585	68111	Barium	1	240	240
27604	68111	Barium	1	186	186
27608	68111	Barium	1	278	278
27630	68111	Barium	1	217	217
27632	68111	Barium	1	227	227
27658	68111	Barium	1	183	183
27718	68111	Barium	1	261	261
27734	68111	Barium	1	196	196
27739	68111	Barium	1	254	254
27742	68111	Barium	1	236	236
27764	68111	Barium	1	278	278
27768	68111	Barium	1	248	248
27780	68111	Barium	1	277	277
27854	68111	Barium	1	258	258
27859	68111	Barium	1	246	246
27885	68111	Barium	1	192	192
27886	68111	Barium	1	215	215
27913	68111	Barium	1	121	121
27920	68111	Barium	1	259	259
27924	68111	Barium	1	265	265
27939	68111	Barium	1	265	265
27962	68111	Barium	1	383	383
28004	68111	Barium	1	378	378
28011	68111	Barium	1	218	218
28019	68111	Barium	1	225	225
28020	68111	Barium	1	197	197
28022	68111	Barium	1	197	197
28045	68111	Barium	1	275	275
28065	68111	Barium	1	328	328
28072	68111	Barium	1	240	240
28105	68111	Barium	1	228	228
28108	68111	Barium	1	205	205
28144	68111	Barium	1	295	295
28148	68111	Barium	1	141	141
28154	68111	Barium	1	286	286
28157	68111	Barium	1	226	226
28185	68111	Barium	1	221	221
28186	68111	Barium	1	247	247
28188	68111	Barium	1	221	221
28218	68111	Barium	1	253	253
28222	68111	Barium	1	309	309
28273	68111	Barium	1	262	262
28284	68111	Barium	1	171	171
28329	68111	Barium	1	236	236
28338	68111	Barium	1	190	190

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28375	68111	Barium	1	209	209
28377	68111	Barium	1	258	258
28417	68111	Barium	1	343	343
28423	68111	Barium	1	215	215
28434	68111	Barium	1	252	252
28518	68111	Barium	1	278	278
28544	68111	Barium	1	194	194
28558	68111	Barium	1	364	364
28561	68111	Barium	1	225	225
28573	68111	Barium	1	203	203
28611	68111	Barium	1	180	180
28612	68111	Barium	1	276	276
28618	68111	Barium	1	259	259
28623	68111	Barium	1	317	317
28625	68111	Barium	1	277	277
28648	68111	Barium	1	227	227
28661	68111	Barium	1	252	252
28688	68111	Barium	1	206	206
28709	68111	Barium	1	246	246
28713	68111	Barium	1	236	236
28725	68111	Barium	1	241	241
28730	68111	Barium	1	286	286
28749	68111	Barium	1	264	264
28763	68111	Barium	1	167	167
28764	68111	Barium	1	305	305
28766	68111	Barium	1	180	180
28781	68111	Barium	1	160	160
28785	68111	Barium	1	249	249
28798	68111	Barium	1	206	206
28799	68111	Barium	1	252	252
28809	68111	Barium	1	161	161
28811	68111	Barium	1	262	262
28819	68111	Barium	1	244	244
28836	68111	Barium	1	277	277
28837	68111	Barium	1	247	247
28841	68111	Barium	1	355	355
28846	68111	Barium	1	259	259
28893	68111	Barium	1	212	212
28909	68111	Barium	1	277	277
28942	68111	Barium	1	282	282
28959	68111	Barium	1	363	363
28963	68111	Barium	1	246	246
28967	68111	Barium	1	350	350
28984	68111	Barium	1	317	317
28991	68111	Barium	1	238	238
29002	68111	Barium	1	254	254
29023	68111	Barium	1	188	188

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29033	68111	Barium	1	295	295
29037	68111	Barium	1	243	243
29071	68111	Barium	1	406	406
29090	68111	Barium	1	402	402
29101	68111	Barium	1	211	211
29102	68111	Barium	1	207	207
29105	68111	Barium	1	252	252
29155	68111	Barium	1	186	186
29165	68111	Barium	1	226	226
29175	68111	Barium	1	209	209
29177	68111	Barium	1	208	208
29181	68111	Barium	1	255	255
29204	68111	Barium	1	1	1
29205	68111	Barium	1	210	210
29214	68111	Barium	1	250	250
29220	68111	Barium	1	255	255
29240	68111	Barium	1	262	262
29248	68111	Barium	1	159	159
29274	68111	Barium	1	194	194
29285	68111	Barium	1	213	213
29328	68111	Barium	1	287	287
29343	68111	Barium	1	278	278
29354	68111	Barium	1	244	244
29358	68111	Barium	1	259	259
29386	68111	Barium	1	161	161
29409	68111	Barium	1	174	174
29431	68111	Barium	1	226	226
29432	68111	Barium	1	248	248
29445	68111	Barium	1	236	236
29469	68111	Barium	1	377	377
29499	68111	Barium	1	221	221
29552	68111	Barium	1	284	284
29558	68111	Barium	1	202	202
29578	68111	Barium	1	290	290
29608	68111	Barium	1	334	334
29625	68111	Barium	1	239	239
29633	68111	Barium	1	260	260
29671	68111	Barium	1	290	290
29678	68111	Barium	1	257	257
29683	68111	Barium	1	226	226
29684	68111	Barium	1	155	155
29689	68111	Barium	1	223	223
29717	68111	Barium	1	221	221
29777	68111	Barium	1	291	291
29792	68111	Barium	1	183	183
29806	68111	Barium	1	214	214
29818	68111	Barium	1	206	206

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29824	68111	Barium	1	207	207
29826	68111	Barium	1	265	265
29881	68111	Barium	1	240	240
29889	68111	Barium	1	397	397
29910	68111	Barium	1	163	163
29912	68111	Barium	1	206	206
29927	68111	Barium	1	273	273
29953	68111	Barium	1	159	159
29974	68111	Barium	1	291	291
29978	68111	Barium	1	246	246
29991	68111	Barium	1	360	360
29993	68111	Barium	1	240	240
30012	68111	Barium	1	262	262
30045	68111	Barium	1	249	249
30050	68111	Barium	1	319	319
30068	68111	Barium	1	277	277
30078	68111	Barium	1	331	331
30081	68111	Barium	1	268	268
30123	68111	Barium	1	403	403
30130	68111	Barium	1	231	231
30133	68111	Barium	1	241	241
30161	68111	Barium	1	173	173
30169	68111	Barium	1	224	224
30171	68111	Barium	1	216	216
30177	68111	Barium	1	208	208
30182	68111	Barium	1	231	231
30201	68111	Barium	1	248	248
30220	68111	Barium	1	254	254
30225	68111	Barium	1	582	582
30244	68111	Barium	1	183	183
30253	68111	Barium	1	241	241
30345	68111	Barium	1	244	244
30347	68111	Barium	1	175	175
30387	68111	Barium	1	254	254
30417	68111	Barium	1	247	247
30420	68111	Barium	1	245	245
30434	68111	Barium	1	232	232
30455	68111	Barium	1	212	212
30462	68111	Barium	1	314	314
30494	68111	Barium	1	221	221
30521	68111	Barium	1	243	243
30526	68111	Barium	1	176	176
30536	68111	Barium	1	353	353
30563	68111	Barium	1	271	271
30580	68111	Barium	1	323	323
30625	68111	Barium	1	261	261
30644	68111	Barium	1	198	198

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30645	68111	Barium	1	224	224
30683	68111	Barium	1	182	182
30699	68111	Barium	1	180	180
30700	68111	Barium	1	196	196
30714	68111	Barium	1	202	202
30757	68111	Barium	1	225	225
30802	68111	Barium	1	182	182
30813	68111	Barium	1	215	215
30817	68111	Barium	1	198	198
30836	68111	Barium	1	262	262
30841	68111	Barium	1	258	258
30844	68111	Barium	1	207	207
30881	68111	Barium	1	251	251
30888	68111	Barium	1	251	251
30918	68111	Barium	1	242	242
30927	68111	Barium	1	205	205
30932	68111	Barium	1	257	257
30933	68111	Barium	1	183	183
30939	68111	Barium	1	181	181
30978	68111	Barium	1	182	182
30991	68111	Barium	1	297	297
30995	68111	Barium	1	220	220
30997	68111	Barium	1	231	231
31008	68111	Barium	1	221	221
31042	68111	Barium	1	174	174
31045	68111	Barium	1	231	231
31046	68111	Barium	1	220	220
31052	68111	Barium	1	135	135
31056	68111	Barium	1	303	303
31071	68111	Barium	1	197	197
31074	68111	Barium	1	228	228
31076	68111	Barium	1	129	129
31081	68111	Barium	1	261	261
31102	68111	Barium	1	233	233
31104	68111	Barium	1	197	197
31120	68111	Barium	1	241	241
31129	68111	Barium	1	234	234
31131	68111	Barium	1	246	246
31141	68111	Barium	1	196	196
31145	68111	Barium	1	256	256
31163	68111	Barium	1	227	227
31171	68111	Barium	1	215	215
31176	68111	Barium	1	187	187
31186	68111	Barium	1	212	212
31189	68111	Barium	1	205	205
31192	68111	Barium	1	182	182
31206	68111	Barium	1	247	247

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31229	68111	Barium	1	201	201
31237	68111	Barium	1	351	351
31262	68111	Barium	1	363	363
31300	68111	Barium	1	291	291
31303	68111	Barium	1	219	219
31316	68111	Barium	1	295	295
31357	68111	Barium	1	295	295
31360	68111	Barium	1	210	210
31361	68111	Barium	1	287	287
31362	68111	Barium	1	221	221
31365	68111	Barium	1	272	272
31366	68111	Barium	1	280	280
31377	68111	Barium	1	245	245
31398	68111	Barium	1	259	259
31408	68111	Barium	1	188	188
31433	68111	Barium	1	227	227
31442	68111	Barium	1	206	206
31444	68111	Barium	1	367	367
31457	68111	Barium	1	311	311
31478	68111	Barium	1	225	225
31517	68111	Barium	1	235	235
31583	68111	Barium	1	210	210
31603	68111	Barium	1	340	340
31607	68111	Barium	1	223	223
31615	68111	Barium	1	261	261
31695	68111	Barium	1	214	214
31698	68111	Barium	1	239	239
31733	68111	Barium	1	241	241
31740	68111	Barium	1	224	224
31799	68111	Barium	1	207	207
31803	68111	Barium	1	195	195
31823	68111	Barium	1	275	275
31850	68111	Barium	1	197	197
31853	68111	Barium	1	355	355
31854	68111	Barium	1	240	240
31858	68111	Barium	1	185	185
31868	68111	Barium	1	201	201
31871	68111	Barium	1	215	215
31882	68111	Barium	1	168	168
31887	68111	Barium	1	183	183
31896	68111	Barium	1	176	176
31899	68111	Barium	1	200	200
31911	68111	Barium	1	202	202
31925	68111	Barium	1	272	272
31936	68111	Barium	1	275	275
31964	68111	Barium	1	188	188
31965	68111	Barium	1	238	238

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31977	68111	Barium	1	234	234
31986	68111	Barium	1	252	252
32001	68111	Barium	1	507	507
32016	68111	Barium	1	193	193
32021	68111	Barium	1	264	264
32022	68111	Barium	1	301	301
32040	68111	Barium	1	189	189
32046	68111	Barium	1	255	255
32049	68111	Barium	1	243	243
32070	68111	Barium	1	283	283
32081	68111	Barium	1	214	214
32089	68111	Barium	1	212	212
32092	68111	Barium	1	219	219
32153	68111	Barium	1	267	267
32162	68111	Barium	1	228	228
32168	68111	Barium	1	288	288
32208	68111	Barium	1	193	193
32228	68111	Barium	1	202	202
32252	68111	Barium	1	170	170
32256	68111	Barium	1	395	395
32261	68111	Barium	1	229	229
32267	68111	Barium	1	219	219
32276	68111	Barium	1	191	191
32277	68111	Barium	1	268	268
32283	68111	Barium	1	253	253
32284	68111	Barium	1	225	225
32287	68111	Barium	1	310	310
32293	68111	Barium	1	206	206
32311	68111	Barium	1	210	210
32316	68111	Barium	1	209	209
32325	68111	Barium	1	180	180
32339	68111	Barium	1	225	225
32346	68111	Barium	1	263	263
32414	68111	Barium	1	246	246
32418	68111	Barium	1	237	237
32428	68111	Barium	1	212	212
32429	68111	Barium	1	243	243
32441	68111	Barium	1	212	212
32444	68111	Barium	1	214	214
32455	68111	Barium	1	187	187
32456	68111	Barium	1	206	206
32458	68111	Barium	1	195	195
32497	68111	Barium	1	251	251
32502	68111	Barium	1	265	265
32539	68111	Barium	1	288	288
32547	68111	Barium	1	217	217
32562	68111	Barium	1	254	254

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32581	68111	Barium	1	191	191
32596	68111	Barium	1	231	231
32633	68111	Barium	1	234	234
32673	68111	Barium	1	217	217
32678	68111	Barium	1	244	244
32686	68111	Barium	1	195	195
32696	68111	Barium	1	201	201
32702	68111	Barium	1	295	295
32708	68111	Barium	1	269	269
32736	68111	Barium	1	258	258
32775	68111	Barium	1	197	197
32779	68111	Barium	1	208	208
32780	68111	Barium	1	161	161
32783	68111	Barium	1	182	182
32818	68111	Barium	1	182	182
32847	68111	Barium	1	208	208
32851	68111	Barium	1	251	251
32852	68111	Barium	1	180	180
32874	68111	Barium	1	209	209
32876	68111	Barium	1	209	209
32891	68111	Barium	1	189	189
32896	68111	Barium	1	218	218
32912	68111	Barium	1	247	247
32914	68111	Barium	1	250	250
32931	68111	Barium	1	330	330
32940	68111	Barium	1	282	282
32949	68111	Barium	1	224	224
32968	68111	Barium	1	226	226
32972	68111	Barium	1	176	176
32973	68111	Barium	1	256	256
32974	68111	Barium	1	200	200
32989	68111	Barium	1	285	285
32992	68111	Barium	1	220	220
33009	68111	Barium	1	162	162
33012	68111	Barium	1	242	242
33014	68111	Barium	1	235	235
33036	68111	Barium	1	238	238
33037	68111	Barium	1	167	167
33042	68111	Barium	1	247	247
33043	68111	Barium	1	215	215
33060	68111	Barium	1	209	209
33062	68111	Barium	1	199	199
33120	68111	Barium	1	195	195
33177	68111	Barium	1	255	255
33207	68111	Barium	1	236	236
33296	68111	Barium	1	211	211
33314	68111	Barium	1	277	277

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33317	68111	Barium	1	359	359
33350	68111	Barium	1	252	252
33372	68111	Barium	1	678	678
33392	68111	Barium	1	201	201
33453	68111	Barium	1	273	273
33456	68111	Barium	1	186	186
33480	68111	Barium	1	311	311
33492	68111	Barium	1	178	178
33600	68111	Barium	1	215	215
33607	68111	Barium	1	235	235
33630	68111	Barium	1	288	288
33631	68111	Barium	1	266	266
33647	68111	Barium	1	252	252
33696	68111	Barium	1	257	257
33711	68111	Barium	1	164	164
33741	68111	Barium	1	277	277
33772	68111	Barium	1	202	202
33803	68111	Barium	1	295	295
33805	68111	Barium	1	184	184
33806	68111	Barium	1	241	241
33818	68111	Barium	1	250	250
33831	68111	Barium	1	255	255
33833	68111	Barium	1	236	236
33856	68111	Barium	1	207	207
33863	68111	Barium	1	205	205
33875	68111	Barium	1	202	202
33903	68111	Barium	1	276	276
33915	68111	Barium	1	203	203
33947	68111	Barium	1	210	210
33997	68111	Barium	1	228	228
34037	68111	Barium	1	178	178
34040	68111	Barium	1	197	197
34059	68111	Barium	1	257	257
34060	68111	Barium	1	238	238
34075	68111	Barium	1	265	265
34088	68111	Barium	1	258	258
34126	68111	Barium	1	120	120
34128	68111	Barium	1	336	336
34142	68111	Barium	1	185	185
34173	68111	Barium	1	305	305
34179	68111	Barium	1	101	101
34200	68111	Barium	1	211	211
34219	68111	Barium	1	209	209
34222	68111	Barium	1	221	221
34224	68111	Barium	1	198	198
34225	68111	Barium	1	262	262
34247	68111	Barium	1	187	187

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34251	68111	Barium	1	326	326
34255	68111	Barium	1	215	215
34257	68111	Barium	1	235	235
34320	68111	Barium	1	282	282
34371	68111	Barium	1	469	469
34377	68111	Barium	1	253	253
34387	68111	Barium	1	280	280
34396	68111	Barium	1	183	183
34430	68111	Barium	1	230	230
34444	68111	Barium	1	245	245
34478	68111	Barium	1	225	225
34503	68111	Barium	1	218	218
34560	68111	Barium	1	220	220
34562	68111	Barium	1	211	211
34595	68111	Barium	1	262	262
34621	68111	Barium	1	208	208
34626	68111	Barium	1	234	234
34639	68111	Barium	1	281	281
34663	68111	Barium	1	246	246
34669	68111	Barium	1	220	220
34691	68111	Barium	1	257	257
34703	68111	Barium	1	259	259
34766	68111	Barium	1	193	193
34778	68111	Barium	1	208	208
34888	68111	Barium	1	233	233
34892	68111	Barium	1	255	255
34904	68111	Barium	1	222	222
34917	68111	Barium	1	226	226
34923	68111	Barium	1	213	213
34936	68111	Barium	1	277	277
34948	68111	Barium	1	204	204
34953	68111	Barium	1	351	351
34985	68111	Barium	1	184	184
34993	68111	Barium	1	216	216
34999	68111	Barium	1	208	208
35003	68111	Barium	1	242	242
35014	68111	Barium	1	171	171
35042	68111	Barium	1	206	206
35043	68111	Barium	1	266	266
35059	68111	Barium	1	199	199
35072	68111	Barium	1	228	228
35095	68111	Barium	1	291	291
35137	68111	Barium	1	240	240
35152	68111	Barium	1	214	214
35223	68111	Barium	1	346	346
35233	68111	Barium	1	245	245
35242	68111	Barium	1	276	276

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35252	68111	Barium	1	239	239
35273	68111	Barium	1	221	221
35285	68111	Barium	1	190	190
35287	68111	Barium	1	212	212
35288	68111	Barium	1	274	274
35290	68111	Barium	1	269	269
35350	68111	Barium	1	191	191
35404	68111	Barium	1	245	245
35417	68111	Barium	1	205	205
35458	68111	Barium	1	241	241
35495	68111	Barium	1	235	235
35503	68111	Barium	1	240	240
35513	68111	Barium	1	213	213
35517	68111	Barium	1	201	201
35536	68111	Barium	1	327	327
35575	68111	Barium	1	251	251
35614	68111	Barium	1	284	284
35619	68111	Barium	1	246	246
35786	68111	Barium	1	167	167
35821	68111	Barium	1	211	211
35822	68111	Barium	1	230	230
35826	68111	Barium	1	176	176
35830	68111	Barium	1	243	243
35877	68111	Barium	1	172	172
35921	68111	Barium	1	205	205
35935	68111	Barium	1	191	191
35943	68111	Barium	1	200	200
35947	68111	Barium	1	194	194
35964	68111	Barium	1	194	194
35969	68111	Barium	1	233	233
36000	68111	Barium	1	246	246
36007	68111	Barium	1	220	220
36015	68111	Barium	1	206	206
36024	68111	Barium	1	255	255
36040	68111	Barium	1	312	312
36046	68111	Barium	1	282	282
36072	68111	Barium	1	180	180
36093	68111	Barium	1	200	200
36116	68111	Barium	1	183	183
36138	68111	Barium	1	183	183
36167	68111	Barium	1	244	244
36194	68111	Barium	1	207	207
36212	68111	Barium	1	236	236
36238	68111	Barium	1	206	206
36246	68111	Barium	1	256	256
36251	68111	Barium	1	253	253
36257	68111	Barium	1	222	222

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36259	68111	Barium	1	316	316
36269	68111	Barium	1	269	269
36325	68111	Barium	1	199	199
36356	68111	Barium	1	275	275
36408	68111	Barium	1	295	295
36410	68111	Barium	1	249	249
36427	68111	Barium	1	184	184
36464	68111	Barium	1	229	229
36467	68111	Barium	1	231	231
36507	68111	Barium	1	255	255
36557	68111	Barium	1	239	239
36574	68111	Barium	1	218	218
36656	68111	Barium	1	220	220
36679	68111	Barium	1	218	218
36701	68111	Barium	1	232	232
36706	68111	Barium	1	231	231
36936	68111	Barium	1	248	248
37023	68111	Barium	1	552	552
37025	68111	Barium	1	237	237
37031	68111	Barium	1	216	216
37036	68111	Barium	1	225	225
37049	68111	Barium	1	217	217
37087	68111	Barium	1	236	236
37097	68111	Barium	1	182	182
37156	68111	Barium	1	265	265
37189	68111	Barium	1	233	233
37193	68111	Barium	1	212	212
37210	68111	Barium	1	178	178
37219	68111	Barium	1	208	208
37223	68111	Barium	1	220	220
37226	68111	Barium	1	204	204
37276	68111	Barium	1	236	236
37361	68111	Barium	1	101	101
37402	68111	Barium	1	226	226
37465	68111	Barium	1	221	221
37470	68111	Barium	1	251	251
37684	68111	Barium	1	260	260
37738	68111	Barium	1	311	311
37756	68111	Barium	1	222	222
37907	68111	Barium	2	281.5	299
37934	68111	Barium	1	285	285
38007	68111	Barium	1	199	199
38054	68111	Barium	1	257	257
38066	68111	Barium	1	275	275
38087	68111	Barium	1	194	194
38202	68111	Barium	1	204	204
38210	68111	Barium	1	231	231

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38253	68111	Barium	1	197	197
38261	68111	Barium	1	233	233
38269	68111	Barium	1	198	198
38300	68111	Barium	1	271	271
38363	68111	Barium	1	199	199
38383	68111	Barium	1	214	214
38407	68111	Barium	1	288	288
38439	68111	Barium	1	206	206
38446	68111	Barium	1	180	180
38449	68111	Barium	1	195	195
38527	68111	Barium	1	184	184
38585	68111	Barium	1	214	214
38587	68111	Barium	1	191	191
38721	68111	Barium	1	241	241
38724	68111	Barium	1	201	201
38759	68111	Barium	1	255	255
38780	68111	Barium	1	190	190
38864	68111	Barium	1	234	234
49203	68111	Barium	1	200	200
49313	68111	Barium	1	229	229
49314	68111	Barium	1	285	285
49319	68111	Barium	1	344	344
49341	68111	Barium	1	203	203
49345	68111	Barium	1	196	196
49354	68111	Barium	1	218	218
50024	68111	Barium	1	258	258
50049	68111	Barium	1	232	232
50080	68111	Barium	1	151	151
50105	68111	Barium	1	205	205
50107	68111	Barium	1	164	164
50120	68111	Barium	1	157	157
50146	68111	Barium	1	170	170
50356	68111	Barium	1	148	148
50404	68111	Barium	1	220	220
50410	68111	Barium	1	187	187
50417	68111	Barium	1	210	210
50424	68111	Barium	1	239	239
50434	68111	Barium	1	254	254
50447	68111	Barium	1	243	243
63239	68111	Barium	1	220	220
63751	68111	Barium	1	197	197
68070	68111	Barium	1	168	168
68686	68111	Barium	1	217	217
73862	68111	Barium	1	192	192
74664	68111	Barium	1	317	317
75011	68111	Barium	1	239	239
77146	68111	Barium	1	169	169

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
79703	68111	Barium	1	240	240
79704	68111	Barium	1	211	211
87761	68111	Barium	1	217	217
89893	68111	Barium	1	223	223
90107	68111	Barium	1	217	217
91234	68111	Barium	1	215	215
91335	68111	Barium	1	255	255
91926	68111	Barium	1	216	216
2269	68112	Barium	1	241	241
39755	68112	Barium	1	198	198
39951	68112	Barium	1	263	263
40194	68112	Barium	1	275	275
40523	68112	Barium	1	262	262
40879	68112	Barium	1	255	255
2097	68131	Barium	1	192	192
2156	68131	Barium	1	153	153
2165	68131	Barium	1	389	389
5037	68131	Barium	1	223	223
5150	68131	Barium	1	359	359
5153	68131	Barium	1	222	222
5186	68131	Barium	1	230	230
5188	68131	Barium	1	222	222
5195	68131	Barium	1	176	176
5197	68131	Barium	1	212	212
5260	68131	Barium	1	235	235
5272	68131	Barium	1	249	249
5278	68131	Barium	1	215	215
5298	68131	Barium	1	270	270
5377	68131	Barium	1	244	244
5379	68131	Barium	1	270	270
5380	68131	Barium	1	299	299
22856	68131	Barium	1	257	257
23003	68131	Barium	1	215	215
23016	68131	Barium	1	212	212
23028	68131	Barium	1	206	206
23072	68131	Barium	1	242	242
23093	68131	Barium	1	199	199
23144	68131	Barium	1	307	307
23145	68131	Barium	1	205	205
23150	68131	Barium	1	205	205
23153	68131	Barium	1	260	260
23211	68131	Barium	1	197	197
23237	68131	Barium	1	279	279
23274	68131	Barium	1	190	190
23280	68131	Barium	1	242	242
23301	68131	Barium	1	130	130
23338	68131	Barium	1	276	276

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23344	68131	Barium	1	274	274
23379	68131	Barium	1	267	267
23399	68131	Barium	1	331	331
23425	68131	Barium	1	204	204
23433	68131	Barium	1	248	248
23442	68131	Barium	1	226	226
23460	68131	Barium	1	221	221
23502	68131	Barium	1	343	343
23512	68131	Barium	1	344	344
23532	68131	Barium	1	196	196
23537	68131	Barium	1	181	181
23539	68131	Barium	1	221	221
23577	68131	Barium	1	255	255
23580	68131	Barium	1	244	244
23584	68131	Barium	1	233	233
23586	68131	Barium	1	282	282
23611	68131	Barium	1	265	265
23634	68131	Barium	1	218	218
23673	68131	Barium	1	187	187
23675	68131	Barium	1	237	237
23700	68131	Barium	1	262	262
23742	68131	Barium	1	266	266
23786	68131	Barium	1	172	172
23788	68131	Barium	1	207	207
23790	68131	Barium	1	186	186
23817	68131	Barium	1	258	258
23822	68131	Barium	1	203	203
23824	68131	Barium	1	245	245
23845	68131	Barium	1	220	220
23872	68131	Barium	1	204	204
23895	68131	Barium	1	201	201
23899	68131	Barium	1	185	185
23922	68131	Barium	1	197	197
23930	68131	Barium	1	252	252
23961	68131	Barium	1	204	204
23967	68131	Barium	1	258	258
23968	68131	Barium	1	259	259
23985	68131	Barium	1	231	231
23986	68131	Barium	1	491	491
24000	68131	Barium	1	269	269
24010	68131	Barium	1	183	183
24019	68131	Barium	1	284	284
24027	68131	Barium	1	211	211
24098	68131	Barium	1	324	324
24109	68131	Barium	1	286	286
24119	68131	Barium	1	332	332
24126	68131	Barium	1	187	187

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24132	68131	Barium	1	250	250
24141	68131	Barium	1	192	192
24156	68131	Barium	1	97.3	97.3
24162	68131	Barium	1	219	219
24182	68131	Barium	1	345	345
24190	68131	Barium	1	232	232
24214	68131	Barium	1	322	322
24240	68131	Barium	1	225	225
24272	68131	Barium	1	181	181
24274	68131	Barium	1	222	222
24277	68131	Barium	1	241	241
24334	68131	Barium	1	185	185
24348	68131	Barium	1	205	205
24357	68131	Barium	1	236	236
24358	68131	Barium	1	219	219
24367	68131	Barium	1	295	295
24370	68131	Barium	1	530	530
24374	68131	Barium	1	231	231
24376	68131	Barium	1	342	342
24390	68131	Barium	1	187	187
24396	68131	Barium	1	238	238
24411	68131	Barium	1	284	284
24451	68131	Barium	1	235	235
24457	68131	Barium	1	321	321
24577	68131	Barium	1	206	206
24601	68131	Barium	1	238	238
24605	68131	Barium	1	231	231
24635	68131	Barium	1	228	228
24640	68131	Barium	1	385	385
24655	68131	Barium	1	263	263
24674	68131	Barium	1	268	268
24692	68131	Barium	1	216	216
24693	68131	Barium	1	217	217
24703	68131	Barium	1	193	193
24740	68131	Barium	1	256	256
24751	68131	Barium	1	224	224
24757	68131	Barium	1	198	198
24768	68131	Barium	1	174	174
24776	68131	Barium	1	214	214
24794	68131	Barium	1	206	206
24800	68131	Barium	1	201	201
24808	68131	Barium	1	226	226
24887	68131	Barium	1	369	369
24896	68131	Barium	1	229	229
24931	68131	Barium	1	192	192
24958	68131	Barium	1	310	310
24962	68131	Barium	1	249	249

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24964	68131	Barium	1	315	315
25005	68131	Barium	1	229	229
25009	68131	Barium	1	269	269
25061	68131	Barium	1	215	215
25063	68131	Barium	1	261	261
25078	68131	Barium	1	296	296
25096	68131	Barium	1	231	231
25130	68131	Barium	1	338	338
25133	68131	Barium	1	249	249
25137	68131	Barium	1	245	245
25167	68131	Barium	1	217	217
25185	68131	Barium	1	345	345
25189	68131	Barium	1	211	211
25193	68131	Barium	1	180	180
25202	68131	Barium	1	117	117
25204	68131	Barium	1	287	287
25231	68131	Barium	1	309	309
25242	68131	Barium	1	241	241
25281	68131	Barium	1	547	547
25285	68131	Barium	1	227	227
25296	68131	Barium	1	283	283
25315	68131	Barium	1	237	237
25324	68131	Barium	1	212	212
25329	68131	Barium	1	276	276
25331	68131	Barium	1	219	219
25335	68131	Barium	1	214	214
25337	68131	Barium	1	234	234
25385	68131	Barium	1	477	477
25391	68131	Barium	1	256	256
25410	68131	Barium	1	150	150
25425	68131	Barium	1	190	190
25456	68131	Barium	1	237	237
25547	68131	Barium	1	259	259
25554	68131	Barium	1	317	317
25558	68131	Barium	1	195	195
25579	68131	Barium	1	287	287
25604	68131	Barium	1	252	252
25607	68131	Barium	1	253	253
25634	68131	Barium	1	214	214
25657	68131	Barium	1	224	224
50446	68131	Barium	1	237	237
89514	68131	Barium	1	191	191
93114	68131	Barium	1	232	232
93413	68131	Barium	1	151	151
93419	68131	Barium	1	171	171
5139	68132	Barium	1	162	162
5140	68132	Barium	1	219	219

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5313	68132	Barium	1	185	185
5317	68132	Barium	1	130	130
49490	68132	Barium	1	182	182
49500	68132	Barium	1	229	229
49505	68132	Barium	1	210	210
49521	68132	Barium	1	205	205
49544	68132	Barium	1	258	258
49558	68132	Barium	1	230	230
49578	68132	Barium	1	297	297
49618	68132	Barium	1	199	199
49625	68132	Barium	1	240	240
49627	68132	Barium	1	256	256
49628	68132	Barium	1	224	224
49642	68132	Barium	1	227	227
49663	68132	Barium	1	182	182
49671	68132	Barium	1	265	265
49672	68132	Barium	1	183	183
49676	68132	Barium	1	245	245
49678	68132	Barium	1	215	215
49682	68132	Barium	1	187	187
49697	68132	Barium	1	256	256
49701	68132	Barium	1	182	182
49704	68132	Barium	1	305	305
49716	68132	Barium	1	215	215
49717	68132	Barium	1	209	209
49724	68132	Barium	1	373	373
49725	68132	Barium	1	213	213
49726	68132	Barium	1	186	186
49727	68132	Barium	1	232	232
49736	68132	Barium	1	216	216
49739	68132	Barium	1	176	176
49759	68132	Barium	1	256	256
49760	68132	Barium	1	216	216
49774	68132	Barium	1	221	221
49781	68132	Barium	1	314	314
49783	68132	Barium	1	336	336
49793	68132	Barium	1	209	209
49800	68132	Barium	1	216	216
49806	68132	Barium	1	178	178
49812	68132	Barium	1	206	206
49819	68132	Barium	1	283	283
49833	68132	Barium	1	224	224
49846	68132	Barium	1	198	198
49852	68132	Barium	1	451	451
49853	68132	Barium	1	188	188
49855	68132	Barium	1	285	285
49863	68132	Barium	1	274	274

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49884	68132	Barium	1	279	279
49892	68132	Barium	1	217	217
49902	68132	Barium	1	166	166
49907	68132	Barium	1	208	208
49911	68132	Barium	1	179	179
49913	68132	Barium	1	247	247
49918	68132	Barium	1	224	224
49922	68132	Barium	1	232	232
49929	68132	Barium	1	103	103
49931	68132	Barium	1	217	217
49936	68132	Barium	1	213	213
49941	68132	Barium	1	180	180
49943	68132	Barium	1	251	251
49953	68132	Barium	1	238	238
49956	68132	Barium	1	195	195
49958	68132	Barium	1	183	183
49961	68132	Barium	1	205	205
49971	68132	Barium	1	282	282
49974	68132	Barium	1	171	171
49986	68132	Barium	1	315	315
49994	68132	Barium	1	285	285
49995	68132	Barium	1	267	267
50479	68132	Barium	1	219	219
50484	68132	Barium	1	215	215
50485	68132	Barium	1	202	202
50536	68132	Barium	1	267	267
51190	68132	Barium	1	187	187
51214	68132	Barium	1	198	198
51217	68132	Barium	1	324	324
51225	68132	Barium	1	221	221
51228	68132	Barium	1	271	271
51234	68132	Barium	1	247	247
51256	68132	Barium	1	327	327
51263	68132	Barium	1	214	214
51270	68132	Barium	1	158	158
51278	68132	Barium	1	228	228
51280	68132	Barium	1	228	228
51327	68132	Barium	1	179	179
51349	68132	Barium	1	9.65	9.65
51361	68132	Barium	1	257	257
51369	68132	Barium	1	194	194
51381	68132	Barium	1	147	147
51391	68132	Barium	1	180	180
51392	68132	Barium	1	256	256
51394	68132	Barium	1	263	263
51401	68132	Barium	1	119	119
51412	68132	Barium	1	175	175

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51437	68132	Barium	1	222	222
51440	68132	Barium	1	271	271
51457	68132	Barium	1	257	257
51483	68132	Barium	1	217	217
51492	68132	Barium	1	237	237
51504	68132	Barium	1	189	189
51512	68132	Barium	1	248	248
51519	68132	Barium	1	296	296
51525	68132	Barium	1	240	240
51544	68132	Barium	1	406	406
51546	68132	Barium	1	267	267
51551	68132	Barium	1	116	116
51569	68132	Barium	1	213	213
51587	68132	Barium	1	256	256
51588	68132	Barium	1	215	215
51598	68132	Barium	1	233	233
51600	68132	Barium	1	180	180
51607	68132	Barium	1	160	160
51630	68132	Barium	1	196	196
51640	68132	Barium	1	195	195
51645	68132	Barium	1	376	376
51646	68132	Barium	1	401	401
51659	68132	Barium	1	276	276
51667	68132	Barium	1	212	212
51671	68132	Barium	1	200	200
51676	68132	Barium	1	229	229
51705	68132	Barium	1	316	316
51706	68132	Barium	1	363	363
51708	68132	Barium	1	202	202
51710	68132	Barium	1	182	182
51712	68132	Barium	1	299	299
51735	68132	Barium	1	250	250
51750	68132	Barium	1	236	236
51752	68132	Barium	1	223	223
51767	68132	Barium	1	226	226
51769	68132	Barium	1	114	114
51779	68132	Barium	1	227	227
51780	68132	Barium	1	214	214
51785	68132	Barium	1	181	181
51790	68132	Barium	1	225	225
51800	68132	Barium	1	261	261
51803	68132	Barium	1	202	202
51805	68132	Barium	1	181	181
51807	68132	Barium	1	206	206
51808	68132	Barium	1	218	218
51820	68132	Barium	1	598	598
51829	68132	Barium	1	218	218

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51840	68132	Barium	1	218	218
51844	68132	Barium	1	316	316
51846	68132	Barium	1	678	678
51847	68132	Barium	1	335	335
51854	68132	Barium	1	209	209
51855	68132	Barium	1	251	251
51857	68132	Barium	1	187	187
51861	68132	Barium	1	168	168
51863	68132	Barium	1	188	188
51866	68132	Barium	1	183	183
51872	68132	Barium	1	204	204
51897	68132	Barium	1	222	222
51918	68132	Barium	1	191	191
51921	68132	Barium	1	233	233
51938	68132	Barium	1	216	216
51946	68132	Barium	1	206	206
51949	68132	Barium	1	230	230
51959	68132	Barium	1	168	168
51960	68132	Barium	1	204	204
51972	68132	Barium	1	164	164
51990	68132	Barium	1	203	203
51997	68132	Barium	1	250	250
52023	68132	Barium	1	208	208
52035	68132	Barium	1	178	178
52046	68132	Barium	1	222	222
52054	68132	Barium	1	217	217
52059	68132	Barium	1	195	195
52075	68132	Barium	1	187	187
52078	68132	Barium	1	231	231
52080	68132	Barium	1	224	224
52085	68132	Barium	1	288	288
52090	68132	Barium	1	231	231
52091	68132	Barium	1	234	234
52097	68132	Barium	1	227	227
52101	68132	Barium	1	245	245
52106	68132	Barium	1	278	278
52112	68132	Barium	1	88.4	88.4
52119	68132	Barium	1	181	181
52122	68132	Barium	1	246	246
52128	68132	Barium	1	234	234
52129	68132	Barium	1	207	207
52137	68132	Barium	1	237	237
52140	68132	Barium	1	234	234
52141	68132	Barium	1	162	162
52150	68132	Barium	1	218	218
52155	68132	Barium	2	176.5	187
52158	68132	Barium	1	204	204

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52166	68132	Barium	1	241	241
52167	68132	Barium	1	160	160
52177	68132	Barium	1	230	230
52178	68132	Barium	1	179	179
52181	68132	Barium	1	183	183
52186	68132	Barium	1	183	183
52187	68132	Barium	1	210	210
52190	68132	Barium	1	240	240
52192	68132	Barium	1	183	183
52198	68132	Barium	1	188	188
52202	68132	Barium	1	145	145
52206	68132	Barium	1	208	208
52214	68132	Barium	1	254	254
52226	68132	Barium	1	211	211
52228	68132	Barium	1	245	245
52243	68132	Barium	1	185	185
52244	68132	Barium	1	219	219
52246	68132	Barium	1	227	227
52327	68132	Barium	1	152	152
52336	68132	Barium	1	201	201
52356	68132	Barium	1	176	176
52357	68132	Barium	1	215	215
52367	68132	Barium	1	233	233
52378	68132	Barium	1	237	237
52386	68132	Barium	1	199	199
52387	68132	Barium	1	201	201
52411	68132	Barium	1	213	213
63007	68132	Barium	1	176	176
66781	68132	Barium	1	250	250
66791	68132	Barium	1	204	204
92431	68132	Barium	1	203	203
22493	68102	Beryllium	1	1.01	1.01
25567	68102	Beryllium	1	0.5	0.5
25717	68102	Beryllium	1	0.546	0.546
25720	68102	Beryllium	1	0.5	0.5
25914	68102	Beryllium	1	0.629	0.629
90101	68102	Beryllium	1	0.5	0.5
2133	68104	Beryllium	1	0.5	0.5
5026	68104	Beryllium	1	0.5	0.5
5143	68104	Beryllium	1	0.5	0.5
5144	68104	Beryllium	1	0.5	0.5
5145	68104	Beryllium	1	0.5	0.5
5147	68104	Beryllium	1	0.5	0.5
50647	68104	Beryllium	1	0.686	0.686
1626	68105	Beryllium	1	0.697	0.697
2229	68105	Beryllium	1	0.5	0.5
2299	68105	Beryllium	1	0.623	0.623

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2300	68105	Beryllium	1	0.604	0.604
2308	68105	Beryllium	1	0.562	0.562
2441	68105	Beryllium	1	0.5	0.5
2448	68105	Beryllium	1	0.277	0.277
2465	68105	Beryllium	1	0.291	0.291
3076	68105	Beryllium	1	0.608	0.608
3118	68105	Beryllium	1	0.651	0.651
5054	68105	Beryllium	1	0.5	0.5
5057	68105	Beryllium	1	0.5	0.5
5105	68105	Beryllium	1	0.5	0.5
5109	68105	Beryllium	1	0.5	0.5
5110	68105	Beryllium	1	0.5	0.5
5112	68105	Beryllium	1	0.5	0.5
5117	68105	Beryllium	1	0.5	0.5
5123	68105	Beryllium	1	0.5	0.5
5128	68105	Beryllium	1	0.5	0.5
5129	68105	Beryllium	1	0.5	0.5
5132	68105	Beryllium	1	0.5	0.5
5134	68105	Beryllium	1	0.5	0.5
5325	68105	Beryllium	1	0.309	0.309
5338	68105	Beryllium	1	0.581	0.581
5347	68105	Beryllium	1	0.765	0.765
5351	68105	Beryllium	1	1.72	1.72
5352	68105	Beryllium	1	0.555	0.555
5355	68105	Beryllium	1	0.547	0.547
5356	68105	Beryllium	1	0.737	0.737
5357	68105	Beryllium	1	0.551	0.551
5359	68105	Beryllium	1	0.487	0.487
5361	68105	Beryllium	1	0.385	0.385
5363	68105	Beryllium	1	0.533	0.533
5364	68105	Beryllium	1	0.699	0.699
5365	68105	Beryllium	1	0.691	0.691
5367	68105	Beryllium	1	0.532	0.532
5486	68105	Beryllium	1	0.534	0.534
5488	68105	Beryllium	1	0.441	0.441
5489	68105	Beryllium	1	0.665	0.665
5495	68105	Beryllium	1	0.309	0.309
5509	68105	Beryllium	1	0.416	0.416
5610	68105	Beryllium	1	0.467	0.467
12784	68105	Beryllium	1	0.5	0.5
12864	68105	Beryllium	1	0.3065	0.3065
12875	68105	Beryllium	1	0.308	0.308
12886	68105	Beryllium	1	0.2605	0.2605
12964	68105	Beryllium	1	0.5	0.5
12995	68105	Beryllium	1	0.5	0.5
13069	68105	Beryllium	1	0.5	0.5
13073	68105	Beryllium	1	0.676	0.676

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13092	68105	Beryllium	1	0.57	0.57
13166	68105	Beryllium	1	0.5	0.5
13185	68105	Beryllium	1	0.644	0.644
13187	68105	Beryllium	1	0.5	0.5
13191	68105	Beryllium	1	0.5	0.5
13204	68105	Beryllium	1	0.5	0.5
13209	68105	Beryllium	1	0.5	0.5
13237	68105	Beryllium	1	0.281	0.281
13240	68105	Beryllium	1	0.5	0.5
13245	68105	Beryllium	1	0.5	0.5
13248	68105	Beryllium	1	0.643	0.643
13273	68105	Beryllium	1	0.777	0.777
13283	68105	Beryllium	1	0.252	0.252
13322	68105	Beryllium	1	0.645	0.645
13336	68105	Beryllium	1	0.793	0.793
13370	68105	Beryllium	1	0.669	0.669
13381	68105	Beryllium	1	0.55	0.55
13389	68105	Beryllium	1	0.5	0.5
13403	68105	Beryllium	1	0.5	0.5
13437	68105	Beryllium	1	0.5	0.5
13438	68105	Beryllium	1	0.664	0.664
13460	68105	Beryllium	1	0.5	0.5
13476	68105	Beryllium	1	0.648	0.648
13573	68105	Beryllium	1	0.5	0.5
13577	68105	Beryllium	1	0.5	0.5
13611	68105	Beryllium	1	0.5	0.5
13656	68105	Beryllium	1	0.672	0.672
13690	68105	Beryllium	1	0.5	0.5
13731	68105	Beryllium	1	0.5	0.5
13735	68105	Beryllium	1	0.5	0.5
13741	68105	Beryllium	1	0.5	0.5
13745	68105	Beryllium	1	0.5	0.5
13779	68105	Beryllium	1	0.758	0.758
13790	68105	Beryllium	1	0.276	0.276
13791	68105	Beryllium	1	0.5	0.5
13793	68105	Beryllium	1	0.5	0.5
13851	68105	Beryllium	1	0.283	0.283
13863	68105	Beryllium	1	1.05	1.05
13869	68105	Beryllium	1	0.2805	0.2805
13871	68105	Beryllium	1	0.5	0.5
13880	68105	Beryllium	1	0.705	0.705
13918	68105	Beryllium	1	0.5	0.5
13919	68105	Beryllium	1	0.301	0.301
13935	68105	Beryllium	1	0.5	0.5
13984	68105	Beryllium	1	0.5	0.5
14003	68105	Beryllium	1	0.5	0.5
14024	68105	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14050	68105	Beryllium	1	0.5	0.5
14063	68105	Beryllium	1	0.5	0.5
14080	68105	Beryllium	1	0.3005	0.3005
14098	68105	Beryllium	1	0.5	0.5
14199	68105	Beryllium	1	0.5	0.5
14238	68105	Beryllium	1	0.5	0.5
14322	68105	Beryllium	1	0.5	0.5
14326	68105	Beryllium	1	0.5	0.5
14341	68105	Beryllium	1	0.3245	0.3245
14407	68105	Beryllium	1	0.753	0.753
14410	68105	Beryllium	1	0.5	0.5
14460	68105	Beryllium	1	0.5	0.5
14492	68105	Beryllium	1	0.272	0.272
14525	68105	Beryllium	1	0.736	0.736
14528	68105	Beryllium	1	0.5	0.5
14536	68105	Beryllium	1	1.03	1.03
14544	68105	Beryllium	1	0.5	0.5
14556	68105	Beryllium	1	0.5	0.5
14557	68105	Beryllium	1	0.251	0.251
14577	68105	Beryllium	1	0.55	0.55
14602	68105	Beryllium	1	0.5	0.5
14647	68105	Beryllium	1	0.2965	0.2965
14656	68105	Beryllium	1	0.55	0.55
14688	68105	Beryllium	1	0.5	0.5
14718	68105	Beryllium	1	0.5	0.5
14739	68105	Beryllium	1	0.2745	0.2745
14752	68105	Beryllium	1	0.5	0.5
14780	68105	Beryllium	1	0.5	0.5
14817	68105	Beryllium	1	0.289	0.289
14823	68105	Beryllium	1	0.5	0.5
14860	68105	Beryllium	1	0.5	0.5
14885	68105	Beryllium	1	0.5	0.5
14913	68105	Beryllium	1	0.5	0.5
14959	68105	Beryllium	1	0.5	0.5
14964	68105	Beryllium	1	0.771	0.771
14976	68105	Beryllium	1	0.55	0.55
14992	68105	Beryllium	1	0.5	0.5
15003	68105	Beryllium	1	0.5	0.5
15044	68105	Beryllium	1	0.5	0.5
15045	68105	Beryllium	1	0.5	0.5
15058	68105	Beryllium	1	0.5	0.5
15060	68105	Beryllium	1	0.5	0.5
15091	68105	Beryllium	1	0.5	0.5
15106	68105	Beryllium	1	0.5	0.5
15166	68105	Beryllium	1	0.5	0.5
15227	68105	Beryllium	1	0.2725	0.2725
15231	68105	Beryllium	1	0.2995	0.2995

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15255	68105	Beryllium	1	0.5	0.5
15278	68105	Beryllium	1	0.255	0.255
15279	68105	Beryllium	1	0.688	0.688
15292	68105	Beryllium	1	0.755	0.755
15299	68105	Beryllium	1	0.664	0.664
15308	68105	Beryllium	1	0.5	0.5
15317	68105	Beryllium	1	0.3285	0.3285
15329	68105	Beryllium	1	0.608	0.608
15336	68105	Beryllium	1	0.2435	0.2435
15348	68105	Beryllium	1	1.07	1.07
15363	68105	Beryllium	1	0.5	0.5
15372	68105	Beryllium	1	0.5	0.5
15416	68105	Beryllium	2	0.5925	0.685
15496	68105	Beryllium	1	0.5	0.5
15519	68105	Beryllium	1	0.5	0.5
15526	68105	Beryllium	1	0.5	0.5
15577	68105	Beryllium	1	1.09	1.09
15587	68105	Beryllium	1	0.67	0.67
15611	68105	Beryllium	1	0.55	0.55
15651	68105	Beryllium	1	0.5	0.5
15686	68105	Beryllium	1	0.5	0.5
15695	68105	Beryllium	1	0.5	0.5
15728	68105	Beryllium	1	0.55	0.55
15801	68105	Beryllium	1	0.5	0.5
15835	68105	Beryllium	1	0.665	0.665
15842	68105	Beryllium	1	0.5	0.5
15871	68105	Beryllium	1	0.5	0.5
15891	68105	Beryllium	1	0.6	0.6
15918	68105	Beryllium	1	0.5	0.5
15959	68105	Beryllium	1	0.5	0.5
15985	68105	Beryllium	1	0.55	0.55
15988	68105	Beryllium	1	0.3185	0.3185
16027	68105	Beryllium	1	0.5	0.5
16072	68105	Beryllium	1	0.55	0.55
16094	68105	Beryllium	1	0.5	0.5
16098	68105	Beryllium	1	0.5	0.5
16123	68105	Beryllium	1	0.5	0.5
16155	68105	Beryllium	1	0.5	0.5
16169	68105	Beryllium	1	0.5	0.5
16182	68105	Beryllium	1	0.5	0.5
16186	68105	Beryllium	1	0.761	0.761
16230	68105	Beryllium	1	0.351	0.351
16236	68105	Beryllium	1	0.5	0.5
16243	68105	Beryllium	1	0.5	0.5
16271	68105	Beryllium	1	0.5	0.5
16308	68105	Beryllium	1	0.55	0.55
16309	68105	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16321	68105	Beryllium	1	0.737	0.737
16333	68105	Beryllium	1	0.5	0.5
16364	68105	Beryllium	1	0.257	0.257
16365	68105	Beryllium	1	0.5	0.5
16384	68105	Beryllium	1	0.5	0.5
16395	68105	Beryllium	1	0.5	0.5
16420	68105	Beryllium	1	0.729	0.729
16472	68105	Beryllium	1	0.5	0.5
16473	68105	Beryllium	1	0.597	0.597
16478	68105	Beryllium	1	0.722	0.722
16486	68105	Beryllium	1	0.5	0.5
16499	68105	Beryllium	1	0.5	0.5
16545	68105	Beryllium	1	0.5	0.5
16572	68105	Beryllium	1	0.59	0.59
16589	68105	Beryllium	1	0.5	0.5
16618	68105	Beryllium	1	0.5	0.5
16646	68105	Beryllium	1	0.5	0.5
16668	68105	Beryllium	1	0.26	0.26
16749	68105	Beryllium	1	0.5	0.5
16772	68105	Beryllium	1	0.5	0.5
16777	68105	Beryllium	1	0.351	0.351
16793	68105	Beryllium	1	0.55	0.55
16851	68105	Beryllium	1	0.5	0.5
16866	68105	Beryllium	1	0.5	0.5
16869	68105	Beryllium	1	0.5	0.5
16889	68105	Beryllium	1	0.5	0.5
16893	68105	Beryllium	1	0.5	0.5
16922	68105	Beryllium	1	0.5	0.5
16928	68105	Beryllium	1	0.5	0.5
16946	68105	Beryllium	1	0.5	0.5
16963	68105	Beryllium	1	0.5	0.5
16974	68105	Beryllium	1	0.5	0.5
17040	68105	Beryllium	1	0.5	0.5
17055	68105	Beryllium	1	0.288	0.288
17065	68105	Beryllium	1	0.299	0.299
17076	68105	Beryllium	1	0.5	0.5
17097	68105	Beryllium	1	0.5	0.5
17108	68105	Beryllium	1	0.45	0.45
17142	68105	Beryllium	1	0.5	0.5
17179	68105	Beryllium	1	0.334	0.334
17198	68105	Beryllium	1	0.634	0.634
17199	68105	Beryllium	1	0.5	0.5
17270	68105	Beryllium	1	0.5	0.5
17298	68105	Beryllium	1	0.5	0.5
17300	68105	Beryllium	1	0.5	0.5
17348	68105	Beryllium	1	0.5	0.5
17374	68105	Beryllium	1	0.6	0.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17379	68105	Beryllium	1	0.663	0.663
17542	68105	Beryllium	1	0.5	0.5
17557	68105	Beryllium	1	0.3075	0.3075
17719	68105	Beryllium	1	0.339	0.339
17725	68105	Beryllium	1	0.5	0.5
17745	68105	Beryllium	1	0.633	0.633
17753	68105	Beryllium	1	0.5	0.5
17802	68105	Beryllium	1	0.5	0.5
17803	68105	Beryllium	1	0.255	0.255
17827	68105	Beryllium	1	0.746	0.746
17876	68105	Beryllium	1	0.5	0.5
17899	68105	Beryllium	1	0.2465	0.2465
17918	68105	Beryllium	1	0.5	0.5
17934	68105	Beryllium	1	0.592	0.592
17935	68105	Beryllium	1	0.3015	0.3015
18036	68105	Beryllium	1	0.2925	0.2925
18133	68105	Beryllium	1	0.5	0.5
18147	68105	Beryllium	1	0.5	0.5
18177	68105	Beryllium	1	0.244	0.244
18187	68105	Beryllium	1	0.5	0.5
18189	68105	Beryllium	1	0.5	0.5
18281	68105	Beryllium	1	0.796	0.796
18321	68105	Beryllium	1	0.771	0.771
18349	68105	Beryllium	1	0.5	0.5
18452	68105	Beryllium	1	0.5	0.5
18453	68105	Beryllium	1	0.5	0.5
18469	68105	Beryllium	1	0.663	0.663
18499	68105	Beryllium	1	0.305	0.305
18561	68105	Beryllium	1	0.5	0.5
18573	68105	Beryllium	1	0.5	0.5
18598	68105	Beryllium	1	0.5	0.5
18610	68105	Beryllium	1	0.5	0.5
18654	68105	Beryllium	1	0.5	0.5
18661	68105	Beryllium	1	0.514	0.514
18673	68105	Beryllium	1	0.293	0.293
18676	68105	Beryllium	1	0.5	0.5
18693	68105	Beryllium	1	0.55	0.55
18757	68105	Beryllium	1	0.5	0.5
18787	68105	Beryllium	1	0.5	0.5
18797	68105	Beryllium	1	0.5	0.5
18825	68105	Beryllium	1	0.5	0.5
18839	68105	Beryllium	1	0.2565	0.2565
18871	68105	Beryllium	1	0.51	0.51
18882	68105	Beryllium	1	0.5	0.5
18898	68105	Beryllium	1	0.663	0.663
18927	68105	Beryllium	1	0.722	0.722
18934	68105	Beryllium	1	0.691	0.691

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19015	68105	Beryllium	1	0.5	0.5
19028	68105	Beryllium	1	0.32	0.32
19127	68105	Beryllium	1	0.2645	0.2645
19129	68105	Beryllium	1	0.5	0.5
19169	68105	Beryllium	1	0.5	0.5
19288	68105	Beryllium	1	0.55	0.55
19310	68105	Beryllium	1	0.5	0.5
19334	68105	Beryllium	1	0.249	0.249
19344	68105	Beryllium	1	0.5	0.5
19448	68105	Beryllium	1	0.5	0.5
19485	68105	Beryllium	1	0.569	0.569
19489	68105	Beryllium	1	0.5	0.5
19496	68105	Beryllium	1	0.608	0.608
19561	68105	Beryllium	1	0.5	0.5
19602	68105	Beryllium	1	0.5	0.5
19612	68105	Beryllium	1	0.5	0.5
19655	68105	Beryllium	1	0.6	0.6
19671	68105	Beryllium	1	0.555	0.555
19676	68105	Beryllium	1	0.5	0.5
19728	68105	Beryllium	1	0.544	0.544
19729	68105	Beryllium	1	0.5	0.5
19768	68105	Beryllium	1	0.5	0.5
19787	68105	Beryllium	1	0.2885	0.2885
19791	68105	Beryllium	1	0.878	0.878
19812	68105	Beryllium	1	0.3055	0.3055
19831	68105	Beryllium	1	0.5	0.5
19839	68105	Beryllium	1	0.5	0.5
19858	68105	Beryllium	1	0.5	0.5
19864	68105	Beryllium	1	0.5	0.5
19915	68105	Beryllium	1	0.295	0.295
19923	68105	Beryllium	1	0.5	0.5
19932	68105	Beryllium	1	0.2575	0.2575
19938	68105	Beryllium	1	0.5	0.5
19972	68105	Beryllium	1	0.5	0.5
19976	68105	Beryllium	1	0.5	0.5
19987	68105	Beryllium	1	0.5	0.5
20069	68105	Beryllium	1	0.5	0.5
20080	68105	Beryllium	1	0.5	0.5
20105	68105	Beryllium	1	0.5	0.5
20110	68105	Beryllium	1	0.5	0.5
20128	68105	Beryllium	1	0.5	0.5
20170	68105	Beryllium	1	0.5	0.5
20218	68105	Beryllium	1	0.3155	0.3155
20236	68105	Beryllium	1	0.5	0.5
20313	68105	Beryllium	1	0.5	0.5
20315	68105	Beryllium	1	0.5	0.5
20342	68105	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20420	68105	Beryllium	1	0.55	0.55
20426	68105	Beryllium	1	0.2555	0.2555
20452	68105	Beryllium	1	0.5	0.5
20470	68105	Beryllium	1	0.731	0.731
20471	68105	Beryllium	1	0.2985	0.2985
20477	68105	Beryllium	1	0.2625	0.2625
20506	68105	Beryllium	1	0.5	0.5
20510	68105	Beryllium	1	0.5	0.5
20535	68105	Beryllium	1	0.5	0.5
20545	68105	Beryllium	1	0.5	0.5
20557	68105	Beryllium	1	0.255	0.255
20584	68105	Beryllium	1	0.3005	0.3005
20590	68105	Beryllium	1	0.74	0.74
20603	68105	Beryllium	1	0.2585	0.2585
20610	68105	Beryllium	1	0.2695	0.2695
20612	68105	Beryllium	1	0.5	0.5
20656	68105	Beryllium	1	0.5	0.5
20674	68105	Beryllium	1	1.25	1.25
20685	68105	Beryllium	1	0.5	0.5
20702	68105	Beryllium	1	0.5	0.5
20759	68105	Beryllium	1	0.55	0.55
20777	68105	Beryllium	1	0.624	0.624
20823	68105	Beryllium	1	0.5	0.5
20845	68105	Beryllium	1	0.5	0.5
20856	68105	Beryllium	1	0.2665	0.2665
20883	68105	Beryllium	1	0.5	0.5
20908	68105	Beryllium	1	0.55	0.55
20925	68105	Beryllium	1	0.6	0.6
20945	68105	Beryllium	1	0.5	0.5
20961	68105	Beryllium	1	0.747	0.747
20964	68105	Beryllium	1	0.5	0.5
21005	68105	Beryllium	1	0.282	0.282
21012	68105	Beryllium	1	0.55	0.55
21019	68105	Beryllium	1	0.2625	0.2625
21053	68105	Beryllium	1	0.296	0.296
21064	68105	Beryllium	1	0.5	0.5
21068	68105	Beryllium	1	0.2925	0.2925
21079	68105	Beryllium	1	0.5	0.5
21097	68105	Beryllium	1	0.699	0.699
21110	68105	Beryllium	1	0.2995	0.2995
21136	68105	Beryllium	1	0.5	0.5
21143	68105	Beryllium	1	0.5	0.5
21148	68105	Beryllium	1	0.5	0.5
21150	68105	Beryllium	1	0.5	0.5
21265	68105	Beryllium	1	0.5	0.5
21268	68105	Beryllium	1	0.5	0.5
21283	68105	Beryllium	1	0.671	0.671

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21309	68105	Beryllium	1	0.2815	0.2815
21336	68105	Beryllium	1	0.349	0.349
21355	68105	Beryllium	1	0.685	0.685
21390	68105	Beryllium	1	0.5	0.5
21394	68105	Beryllium	1	0.31	0.31
21436	68105	Beryllium	1	0.5	0.5
21454	68105	Beryllium	1	0.5	0.5
21490	68105	Beryllium	1	0.2655	0.2655
21498	68105	Beryllium	1	0.5	0.5
21513	68105	Beryllium	1	0.5	0.5
21535	68105	Beryllium	1	0.61	0.61
21551	68105	Beryllium	1	0.5	0.5
21560	68105	Beryllium	1	0.599	0.599
21565	68105	Beryllium	1	0.5	0.5
21578	68105	Beryllium	1	0.5	0.5
21609	68105	Beryllium	1	0.5	0.5
21614	68105	Beryllium	1	0.669	0.669
21625	68105	Beryllium	1	0.5	0.5
21653	68105	Beryllium	1	0.51	0.51
21677	68105	Beryllium	1	0.5	0.5
21689	68105	Beryllium	1	0.5	0.5
21705	68105	Beryllium	1	0.646	0.646
21714	68105	Beryllium	1	0.636	0.636
21720	68105	Beryllium	1	0.671	0.671
21724	68105	Beryllium	1	0.546	0.546
21730	68105	Beryllium	1	0.55	0.55
21744	68105	Beryllium	1	0.55	0.55
21811	68105	Beryllium	1	0.5	0.5
21815	68105	Beryllium	1	0.5	0.5
21822	68105	Beryllium	1	0.55	0.55
21836	68105	Beryllium	1	0.5	0.5
21881	68105	Beryllium	1	0.2905	0.2905
21884	68105	Beryllium	1	0.5	0.5
21901	68105	Beryllium	1	0.605	0.605
21916	68105	Beryllium	1	0.313	0.313
21925	68105	Beryllium	1	0.261	0.261
21941	68105	Beryllium	1	0.273	0.273
21956	68105	Beryllium	1	0.5	0.5
21981	68105	Beryllium	1	0.55	0.55
21985	68105	Beryllium	1	0.5	0.5
21989	68105	Beryllium	1	0.309	0.309
22006	68105	Beryllium	1	0.2925	0.2925
22013	68105	Beryllium	1	0.5	0.5
22024	68105	Beryllium	1	0.749	0.749
22025	68105	Beryllium	1	0.6	0.6
22027	68105	Beryllium	1	0.5	0.5
22034	68105	Beryllium	1	0.55	0.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22036	68105	Beryllium	1	0.5	0.5
22039	68105	Beryllium	1	0.5	0.5
22044	68105	Beryllium	1	0.5	0.5
22046	68105	Beryllium	1	0.287	0.287
22056	68105	Beryllium	1	0.5	0.5
22061	68105	Beryllium	1	0.5	0.5
22074	68105	Beryllium	1	0.5	0.5
22079	68105	Beryllium	1	0.5	0.5
22080	68105	Beryllium	1	0.5	0.5
22177	68105	Beryllium	1	0.5	0.5
22181	68105	Beryllium	1	0.61	0.61
22183	68105	Beryllium	1	0.273	0.273
22230	68105	Beryllium	1	0.5	0.5
22273	68105	Beryllium	1	0.5	0.5
22295	68105	Beryllium	1	0.5	0.5
22320	68105	Beryllium	1	0.262	0.262
22344	68105	Beryllium	1	0.5	0.5
22358	68105	Beryllium	1	0.5	0.5
22386	68105	Beryllium	1	0.5	0.5
22399	68105	Beryllium	1	0.5	0.5
22405	68105	Beryllium	1	0.635	0.635
22453	68105	Beryllium	1	0.757	0.757
22563	68105	Beryllium	1	0.3025	0.3025
22574	68105	Beryllium	1	0.5	0.5
22636	68105	Beryllium	1	0.5	0.5
22715	68105	Beryllium	1	0.55	0.55
22716	68105	Beryllium	1	0.55	0.55
22754	68105	Beryllium	1	0.5	0.5
22772	68105	Beryllium	1	0.75	0.75
22832	68105	Beryllium	1	0.639	0.639
49272	68105	Beryllium	1	0.352	0.352
49289	68105	Beryllium	1	0.5	0.5
50528	68105	Beryllium	1	0.2825	0.2825
50574	68105	Beryllium	1	0.5	0.5
90427	68105	Beryllium	1	0.6	0.6
93120	68105	Beryllium	1	0.5	0.5
93354	68105	Beryllium	1	0.5	0.5
93358	68105	Beryllium	1	0.55	0.55
93364	68105	Beryllium	1	0.5	0.5
93381	68105	Beryllium	1	0.5	0.5
51011	68106	Beryllium	1	0.5	0.5
51029	68106	Beryllium	1	0.26	0.26
51034	68106	Beryllium	1	0.302	0.302
51037	68106	Beryllium	1	0.2895	0.2895
51041	68106	Beryllium	1	0.5	0.5
51046	68106	Beryllium	1	0.292	0.292
51047	68106	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51052	68106	Beryllium	1	0.5	0.5
51058	68106	Beryllium	1	0.5	0.5
51064	68106	Beryllium	1	0.5	0.5
51065	68106	Beryllium	1	0.5	0.5
51079	68106	Beryllium	1	0.2835	0.2835
51080	68106	Beryllium	1	0.5	0.5
51082	68106	Beryllium	1	0.5	0.5
51089	68106	Beryllium	1	0.6	0.6
51093	68106	Beryllium	1	0.2885	0.2885
51101	68106	Beryllium	1	0.299	0.299
51102	68106	Beryllium	1	0.2845	0.2845
51113	68106	Beryllium	1	0.5	0.5
51116	68106	Beryllium	1	0.5	0.5
51118	68106	Beryllium	1	0.45	0.45
51120	68106	Beryllium	1	0.5	0.5
51123	68106	Beryllium	1	0.284	0.284
51126	68106	Beryllium	1	0.5	0.5
51127	68106	Beryllium	1	0.2935	0.2935
51132	68106	Beryllium	1	0.299	0.299
51133	68106	Beryllium	1	0.2585	0.2585
51143	68106	Beryllium	1	0.2985	0.2985
51155	68106	Beryllium	1	0.292	0.292
51158	68106	Beryllium	1	0.5	0.5
51160	68106	Beryllium	1	0.2895	0.2895
51162	68106	Beryllium	1	0.305	0.305
51184	68106	Beryllium	1	0.273	0.273
2030	68107	Beryllium	1	0.5	0.5
2038	68107	Beryllium	1	0.5	0.5
2056	68107	Beryllium	1	0.5	0.5
2104	68107	Beryllium	1	0.5	0.5
2124	68107	Beryllium	1	0.5	0.5
2167	68107	Beryllium	1	0.5	0.5
2206	68107	Beryllium	1	0.5	0.5
2220	68107	Beryllium	1	0.5	0.5
2252	68107	Beryllium	1	0.5	0.5
2273	68107	Beryllium	1	0.5	0.5
2292	68107	Beryllium	1	0.628	0.628
2496	68107	Beryllium	1	0.3375	0.3375
2499	68107	Beryllium	1	0.946	0.946
3003	68107	Beryllium	1	0.5	0.5
3021	68107	Beryllium	1	0.5	0.5
3074	68107	Beryllium	1	0.559	0.559
3121	68107	Beryllium	1	0.61	0.61
5066	68107	Beryllium	1	0.5	0.5
5076	68107	Beryllium	1	0.5	0.5
5130	68107	Beryllium	1	0.5	0.5
5157	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5159	68107	Beryllium	1	0.5	0.5
5161	68107	Beryllium	1	0.5	0.5
5163	68107	Beryllium	1	0.5	0.5
5165	68107	Beryllium	1	0.5	0.5
5166	68107	Beryllium	1	0.5	0.5
5172	68107	Beryllium	1	0.5	0.5
5176	68107	Beryllium	1	0.5	0.5
5178	68107	Beryllium	1	0.5	0.5
5180	68107	Beryllium	1	0.5	0.5
5182	68107	Beryllium	1	0.5	0.5
5183	68107	Beryllium	1	0.5	0.5
5185	68107	Beryllium	1	0.5	0.5
5211	68107	Beryllium	1	0.5	0.5
5212	68107	Beryllium	1	0.5	0.5
10008	68107	Beryllium	1	0.5	0.5
10018	68107	Beryllium	1	0.5	0.5
10044	68107	Beryllium	1	0.629	0.629
10046	68107	Beryllium	1	0.6	0.6
10072	68107	Beryllium	1	0.5	0.5
10073	68107	Beryllium	1	0.5	0.5
10088	68107	Beryllium	1	0.5	0.5
10095	68107	Beryllium	1	0.5	0.5
10111	68107	Beryllium	1	0.648	0.648
10130	68107	Beryllium	1	0.5	0.5
10134	68107	Beryllium	1	0.5	0.5
10214	68107	Beryllium	1	0.326	0.326
10241	68107	Beryllium	1	0.5	0.5
10290	68107	Beryllium	1	0.2935	0.2935
10295	68107	Beryllium	1	0.5	0.5
10299	68107	Beryllium	1	0.5	0.5
10310	68107	Beryllium	1	0.5	0.5
10328	68107	Beryllium	1	0.5	0.5
10329	68107	Beryllium	1	0.5	0.5
10387	68107	Beryllium	1	0.5	0.5
10401	68107	Beryllium	2	0.5	0.5
10403	68107	Beryllium	1	0.293	0.293
10425	68107	Beryllium	1	0.611	0.611
10432	68107	Beryllium	1	0.5	0.5
10455	68107	Beryllium	1	0.5	0.5
10458	68107	Beryllium	1	0.5	0.5
10468	68107	Beryllium	1	0.5	0.5
10471	68107	Beryllium	1	0.259	0.259
10484	68107	Beryllium	1	0.5	0.5
10492	68107	Beryllium	1	0.5	0.5
10500	68107	Beryllium	1	0.682	0.682
10508	68107	Beryllium	1	0.2595	0.2595
10513	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10538	68107	Beryllium	1	0.5	0.5
10543	68107	Beryllium	1	0.5	0.5
10548	68107	Beryllium	1	0.5	0.5
10578	68107	Beryllium	1	0.84	0.84
10582	68107	Beryllium	1	0.5	0.5
10622	68107	Beryllium	1	0.5	0.5
10633	68107	Beryllium	1	0.5	0.5
10650	68107	Beryllium	1	0.29	0.29
10654	68107	Beryllium	1	0.5	0.5
10662	68107	Beryllium	1	0.254	0.254
10670	68107	Beryllium	1	0.5	0.5
10687	68107	Beryllium	1	0.5	0.5
10707	68107	Beryllium	1	0.5	0.5
10720	68107	Beryllium	1	0.5	0.5
10735	68107	Beryllium	1	0.5	0.5
10738	68107	Beryllium	1	0.5	0.5
10794	68107	Beryllium	1	0.69	0.69
10814	68107	Beryllium	1	0.5	0.5
10822	68107	Beryllium	1	0.5	0.5
10831	68107	Beryllium	1	0.5	0.5
10834	68107	Beryllium	1	0.5	0.5
10842	68107	Beryllium	1	0.5	0.5
10848	68107	Beryllium	1	0.2625	0.2625
10858	68107	Beryllium	1	0.5	0.5
10860	68107	Beryllium	1	0.29	0.29
10870	68107	Beryllium	1	0.5	0.5
10876	68107	Beryllium	1	0.55	0.55
10877	68107	Beryllium	1	0.625	0.625
10880	68107	Beryllium	1	0.5	0.5
10895	68107	Beryllium	1	0.5	0.5
10909	68107	Beryllium	1	0.3245	0.3245
10914	68107	Beryllium	1	0.3185	0.3185
10920	68107	Beryllium	1	0.2925	0.2925
10925	68107	Beryllium	1	0.5	0.5
10931	68107	Beryllium	1	0.256	0.256
10938	68107	Beryllium	1	0.2575	0.2575
10944	68107	Beryllium	1	0.669	0.669
10947	68107	Beryllium	1	0.5	0.5
10950	68107	Beryllium	1	0.5	0.5
10965	68107	Beryllium	1	0.5	0.5
10970	68107	Beryllium	1	0.5	0.5
10990	68107	Beryllium	1	0.5	0.5
10991	68107	Beryllium	1	0.617	0.617
11036	68107	Beryllium	1	0.2725	0.2725
11069	68107	Beryllium	1	0.5	0.5
11070	68107	Beryllium	1	0.5	0.5
11082	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11094	68107	Beryllium	1	0.5	0.5
11107	68107	Beryllium	1	0.5	0.5
11118	68107	Beryllium	1	0.5	0.5
11142	68107	Beryllium	1	0.5	0.5
11155	68107	Beryllium	1	0.5	0.5
11172	68107	Beryllium	1	0.5	0.5
11179	68107	Beryllium	1	0.5	0.5
11191	68107	Beryllium	1	0.652	0.652
11194	68107	Beryllium	1	0.5	0.5
11203	68107	Beryllium	1	0.55	0.55
11208	68107	Beryllium	1	0.5	0.5
11222	68107	Beryllium	1	0.5	0.5
11230	68107	Beryllium	1	0.682	0.682
11232	68107	Beryllium	1	0.5	0.5
11233	68107	Beryllium	1	0.5	0.5
11246	68107	Beryllium	1	0.5	0.5
11258	68107	Beryllium	1	0.313	0.313
11268	68107	Beryllium	1	0.5	0.5
11272	68107	Beryllium	1	0.251	0.251
11283	68107	Beryllium	1	0.283	0.283
11303	68107	Beryllium	1	0.5	0.5
11309	68107	Beryllium	1	0.5	0.5
11312	68107	Beryllium	1	0.5	0.5
11321	68107	Beryllium	1	0.2655	0.2655
11343	68107	Beryllium	1	0.5	0.5
11349	68107	Beryllium	1	0.679	0.679
11367	68107	Beryllium	1	0.68	0.68
11372	68107	Beryllium	1	0.5	0.5
11385	68107	Beryllium	1	0.55	0.55
11387	68107	Beryllium	1	0.5	0.5
11400	68107	Beryllium	1	0.5	0.5
11403	68107	Beryllium	1	0.552	0.552
11408	68107	Beryllium	1	0.55	0.55
11410	68107	Beryllium	1	0.5	0.5
11416	68107	Beryllium	1	0.5	0.5
11423	68107	Beryllium	1	0.5	0.5
11439	68107	Beryllium	1	0.698	0.698
11444	68107	Beryllium	1	0.76	0.76
11449	68107	Beryllium	1	0.5	0.5
11465	68107	Beryllium	1	0.5	0.5
11469	68107	Beryllium	1	0.71	0.71
11491	68107	Beryllium	1	0.819	0.819
11494	68107	Beryllium	1	0.5	0.5
11523	68107	Beryllium	1	0.5	0.5
11552	68107	Beryllium	1	0.3025	0.3025
11558	68107	Beryllium	1	0.5	0.5
11568	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11599	68107	Beryllium	1	0.5	0.5
11601	68107	Beryllium	1	0.6	0.6
11603	68107	Beryllium	1	0.5	0.5
11604	68107	Beryllium	1	0.5	0.5
11609	68107	Beryllium	1	0.5	0.5
11614	68107	Beryllium	1	0.55	0.55
11661	68107	Beryllium	1	0.5	0.5
11686	68107	Beryllium	1	0.5	0.5
11711	68107	Beryllium	1	0.594	0.594
11741	68107	Beryllium	1	0.5	0.5
11754	68107	Beryllium	1	0.5	0.5
11765	68107	Beryllium	1	0.5	0.5
11777	68107	Beryllium	1	0.681	0.681
11807	68107	Beryllium	1	0.2335	0.2335
11829	68107	Beryllium	1	0.5	0.5
11842	68107	Beryllium	1	0.75	0.75
11865	68107	Beryllium	1	0.5	0.5
11894	68107	Beryllium	1	0.715	0.715
11902	68107	Beryllium	1	0.55	0.55
11910	68107	Beryllium	1	0.5	0.5
11941	68107	Beryllium	1	0.68	0.68
11960	68107	Beryllium	1	0.5	0.5
11982	68107	Beryllium	1	0.55	0.55
12002	68107	Beryllium	1	0.5	0.5
12009	68107	Beryllium	1	0.5	0.5
12012	68107	Beryllium	1	0.5	0.5
12037	68107	Beryllium	1	0.5	0.5
12047	68107	Beryllium	1	0.55	0.55
12086	68107	Beryllium	1	0.5	0.5
12114	68107	Beryllium	1	0.5	0.5
12116	68107	Beryllium	1	0.64	0.64
12118	68107	Beryllium	1	0.5	0.5
12124	68107	Beryllium	1	0.326	0.326
12126	68107	Beryllium	1	0.5	0.5
12152	68107	Beryllium	1	0.5	0.5
12166	68107	Beryllium	1	0.3075	0.3075
12194	68107	Beryllium	1	0.649	0.649
12206	68107	Beryllium	1	0.274	0.274
12220	68107	Beryllium	1	0.662	0.662
12227	68107	Beryllium	2	0.5	0.5
12239	68107	Beryllium	1	0.5	0.5
12290	68107	Beryllium	1	0.2685	0.2685
12296	68107	Beryllium	1	0.3515	0.3515
12338	68107	Beryllium	1	0.5	0.5
12344	68107	Beryllium	1	0.69	0.69
12351	68107	Beryllium	1	0.5	0.5
12372	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12388	68107	Beryllium	1	0.958	0.958
12407	68107	Beryllium	1	0.5	0.5
12410	68107	Beryllium	1	0.5	0.5
12414	68107	Beryllium	1	0.5	0.5
12424	68107	Beryllium	1	0.5	0.5
12439	68107	Beryllium	1	0.5	0.5
12449	68107	Beryllium	1	0.2575	0.2575
12457	68107	Beryllium	1	0.65	0.65
12506	68107	Beryllium	1	0.705	0.705
12514	68107	Beryllium	1	0.5	0.5
12529	68107	Beryllium	1	0.5	0.5
12530	68107	Beryllium	1	0.5	0.5
12547	68107	Beryllium	1	0.5	0.5
12551	68107	Beryllium	1	0.5	0.5
12567	68107	Beryllium	1	0.55	0.55
12572	68107	Beryllium	1	0.5	0.5
12588	68107	Beryllium	1	0.5	0.5
12590	68107	Beryllium	1	0.2755	0.2755
12605	68107	Beryllium	1	0.638	0.638
12644	68107	Beryllium	1	0.55	0.55
12667	68107	Beryllium	1	0.259	0.259
12714	68107	Beryllium	1	0.3005	0.3005
12729	68107	Beryllium	1	1.2	1.2
12741	68107	Beryllium	1	0.5	0.5
12755	68107	Beryllium	1	0.2485	0.2485
12761	68107	Beryllium	1	0.306	0.306
12794	68107	Beryllium	1	0.5	0.5
12830	68107	Beryllium	1	0.271	0.271
12848	68107	Beryllium	1	0.296	0.296
12858	68107	Beryllium	1	0.281	0.281
12871	68107	Beryllium	1	0.55	0.55
13038	68107	Beryllium	1	0.6	0.6
13045	68107	Beryllium	1	0.2945	0.2945
43676	68107	Beryllium	1	0.5	0.5
43691	68107	Beryllium	1	0.5	0.5
43698	68107	Beryllium	1	0.57	0.57
43703	68107	Beryllium	1	0.5	0.5
43711	68107	Beryllium	1	0.633	0.633
43729	68107	Beryllium	1	0.2555	0.2555
43736	68107	Beryllium	1	0.5	0.5
43744	68107	Beryllium	1	0.2885	0.2885
43746	68107	Beryllium	1	0.2835	0.2835
43771	68107	Beryllium	1	0.3055	0.3055
43790	68107	Beryllium	1	0.2995	0.2995
43793	68107	Beryllium	1	0.6	0.6
43800	68107	Beryllium	1	0.5	0.5
43813	68107	Beryllium	1	0.297	0.297

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
43843	68107	Beryllium	1	0.55	0.55
43853	68107	Beryllium	1	0.2735	0.2735
43869	68107	Beryllium	1	0.55	0.55
43874	68107	Beryllium	1	0.599	0.599
43892	68107	Beryllium	1	0.5	0.5
43912	68107	Beryllium	1	0.287	0.287
43933	68107	Beryllium	1	0.321	0.321
43942	68107	Beryllium	1	0.594	0.594
43945	68107	Beryllium	1	0.618	0.618
43949	68107	Beryllium	1	0.5	0.5
43962	68107	Beryllium	1	0.386	0.386
43978	68107	Beryllium	1	0.5	0.5
44002	68107	Beryllium	1	0.498	0.498
44025	68107	Beryllium	1	0.5	0.5
44037	68107	Beryllium	1	0.2805	0.2805
44047	68107	Beryllium	1	0.2895	0.2895
44063	68107	Beryllium	1	0.3	0.3
44066	68107	Beryllium	1	0.5	0.5
44076	68107	Beryllium	1	0.568	0.568
44104	68107	Beryllium	1	0.5	0.5
44107	68107	Beryllium	1	0.5	0.5
44112	68107	Beryllium	1	0.72	0.72
44127	68107	Beryllium	1	0.625	0.625
44130	68107	Beryllium	1	0.55	0.55
44133	68107	Beryllium	1	0.65	0.65
44137	68107	Beryllium	1	0.5	0.5
44145	68107	Beryllium	1	0.716	0.716
44153	68107	Beryllium	1	0.5	0.5
44157	68107	Beryllium	1	0.29	0.29
44177	68107	Beryllium	1	0.3015	0.3015
44184	68107	Beryllium	1	0.5	0.5
44185	68107	Beryllium	1	0.564	0.564
44198	68107	Beryllium	1	0.5	0.5
44202	68107	Beryllium	1	0.55	0.55
44220	68107	Beryllium	1	0.2865	0.2865
44225	68107	Beryllium	1	0.55	0.55
44233	68107	Beryllium	1	0.2675	0.2675
44236	68107	Beryllium	1	0.5	0.5
44237	68107	Beryllium	1	0.675	0.675
44248	68107	Beryllium	1	0.5	0.5
44299	68107	Beryllium	1	0.5	0.5
44319	68107	Beryllium	1	0.5	0.5
44348	68107	Beryllium	1	0.587	0.587
44416	68107	Beryllium	1	0.5	0.5
44446	68107	Beryllium	1	0.5	0.5
44452	68107	Beryllium	1	0.704	0.704
44455	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44456	68107	Beryllium	1	0.891	0.891
44465	68107	Beryllium	1	0.768	0.768
44475	68107	Beryllium	1	0.5	0.5
44482	68107	Beryllium	1	0.5	0.5
44483	68107	Beryllium	1	0.5	0.5
44490	68107	Beryllium	1	1.11	1.11
44503	68107	Beryllium	1	0.297	0.297
44507	68107	Beryllium	1	0.5	0.5
44508	68107	Beryllium	1	0.5	0.5
44519	68107	Beryllium	1	0.617	0.617
44526	68107	Beryllium	1	0.5	0.5
44528	68107	Beryllium	1	0.5	0.5
44529	68107	Beryllium	1	0.905	0.905
44531	68107	Beryllium	1	0.5	0.5
44536	68107	Beryllium	1	0.5	0.5
44539	68107	Beryllium	1	0.5	0.5
44546	68107	Beryllium	1	0.55	0.55
44549	68107	Beryllium	1	0.793	0.793
44556	68107	Beryllium	1	0.55	0.55
44567	68107	Beryllium	1	0.305	0.305
44578	68107	Beryllium	1	0.2715	0.2715
44581	68107	Beryllium	1	0.591	0.591
44589	68107	Beryllium	1	0.5	0.5
44590	68107	Beryllium	1	0.277	0.277
44592	68107	Beryllium	1	0.58	0.58
44597	68107	Beryllium	1	0.6	0.6
44617	68107	Beryllium	1	0.5	0.5
44619	68107	Beryllium	1	0.3355	0.3355
44623	68107	Beryllium	1	0.726	0.726
44626	68107	Beryllium	1	0.5	0.5
44636	68107	Beryllium	1	0.55	0.55
44640	68107	Beryllium	1	0.681	0.681
44644	68107	Beryllium	1	0.371	0.371
44668	68107	Beryllium	1	0.277	0.277
44700	68107	Beryllium	1	0.291	0.291
44711	68107	Beryllium	1	0.5	0.5
44725	68107	Beryllium	1	0.55	0.55
44727	68107	Beryllium	1	0.3035	0.3035
44738	68107	Beryllium	1	0.307	0.307
44740	68107	Beryllium	1	0.5	0.5
44741	68107	Beryllium	1	0.5	0.5
44747	68107	Beryllium	1	0.5	0.5
44753	68107	Beryllium	1	0.2845	0.2845
44755	68107	Beryllium	1	0.627	0.627
44756	68107	Beryllium	1	0.259	0.259
44768	68107	Beryllium	1	0.2715	0.2715
44790	68107	Beryllium	1	0.784	0.784

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44798	68107	Beryllium	1	0.755	0.755
44810	68107	Beryllium	1	0.2635	0.2635
44814	68107	Beryllium	1	0.675	0.675
44822	68107	Beryllium	1	0.5	0.5
44854	68107	Beryllium	1	0.588	0.588
44857	68107	Beryllium	1	0.8	0.8
44869	68107	Beryllium	1	0.2985	0.2985
44877	68107	Beryllium	1	0.582	0.582
44902	68107	Beryllium	1	0.756	0.756
44923	68107	Beryllium	1	0.5	0.5
44927	68107	Beryllium	1	0.2805	0.2805
44935	68107	Beryllium	1	0.626	0.626
44939	68107	Beryllium	1	0.543	0.543
44943	68107	Beryllium	1	0.61	0.61
44955	68107	Beryllium	1	0.275	0.275
44959	68107	Beryllium	1	0.297	0.297
44969	68107	Beryllium	1	0.3315	0.3315
44979	68107	Beryllium	1	0.705	0.705
44980	68107	Beryllium	1	0.261	0.261
44984	68107	Beryllium	1	0.55	0.55
44987	68107	Beryllium	1	0.692	0.692
44996	68107	Beryllium	1	0.284	0.284
45004	68107	Beryllium	1	0.2845	0.2845
45005	68107	Beryllium	1	0.5	0.5
45018	68107	Beryllium	1	0.691	0.691
45020	68107	Beryllium	1	0.55	0.55
45023	68107	Beryllium	1	0.703	0.703
45034	68107	Beryllium	1	0.302	0.302
45044	68107	Beryllium	1	0.5	0.5
45056	68107	Beryllium	1	0.5	0.5
45072	68107	Beryllium	1	0.5	0.5
45073	68107	Beryllium	1	0.62	0.62
45077	68107	Beryllium	1	0.5	0.5
45078	68107	Beryllium	1	0.5	0.5
45084	68107	Beryllium	1	0.717	0.717
45118	68107	Beryllium	1	0.638	0.638
45147	68107	Beryllium	1	0.294	0.294
45150	68107	Beryllium	1	0.5	0.5
45156	68107	Beryllium	1	0.5	0.5
45166	68107	Beryllium	1	0.657	0.657
45167	68107	Beryllium	1	0.717	0.717
45183	68107	Beryllium	1	0.5	0.5
45188	68107	Beryllium	1	0.5	0.5
45195	68107	Beryllium	1	0.554	0.554
45199	68107	Beryllium	1	0.5	0.5
45206	68107	Beryllium	1	0.5	0.5
45213	68107	Beryllium	1	0.589	0.589

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45223	68107	Beryllium	1	0.2765	0.2765
45227	68107	Beryllium	1	0.2845	0.2845
45236	68107	Beryllium	1	0.5	0.5
45244	68107	Beryllium	1	0.2755	0.2755
45259	68107	Beryllium	1	0.744	0.744
45265	68107	Beryllium	1	0.67	0.67
45269	68107	Beryllium	1	0.323	0.323
45298	68107	Beryllium	1	0.3135	0.3135
45300	68107	Beryllium	1	0.5	0.5
45303	68107	Beryllium	1	0.5	0.5
45304	68107	Beryllium	1	0.55	0.55
45305	68107	Beryllium	1	0.637	0.637
45321	68107	Beryllium	1	0.5	0.5
45343	68107	Beryllium	1	0.548	0.548
45350	68107	Beryllium	1	0.5	0.5
45356	68107	Beryllium	1	0.58	0.58
45364	68107	Beryllium	1	0.5	0.5
45370	68107	Beryllium	1	0.293	0.293
45390	68107	Beryllium	1	0.261	0.261
45393	68107	Beryllium	1	0.5	0.5
45404	68107	Beryllium	1	0.55	0.55
45411	68107	Beryllium	1	0.5	0.5
45423	68107	Beryllium	1	0.5	0.5
45424	68107	Beryllium	1	0.5	0.5
45447	68107	Beryllium	1	0.645	0.645
45458	68107	Beryllium	1	0.5	0.5
45460	68107	Beryllium	1	0.5	0.5
45475	68107	Beryllium	1	0.2965	0.2965
45484	68107	Beryllium	1	0.5	0.5
45487	68107	Beryllium	1	0.5	0.5
45494	68107	Beryllium	1	0.2875	0.2875
45495	68107	Beryllium	1	0.292	0.292
45503	68107	Beryllium	1	0.263	0.263
45530	68107	Beryllium	1	0.2575	0.2575
45533	68107	Beryllium	1	0.55	0.55
45564	68107	Beryllium	1	0.5	0.5
45566	68107	Beryllium	1	0.5	0.5
45574	68107	Beryllium	1	0.261	0.261
45584	68107	Beryllium	1	0.2875	0.2875
45608	68107	Beryllium	1	0.5	0.5
45609	68107	Beryllium	1	0.5	0.5
45624	68107	Beryllium	1	0.5	0.5
45626	68107	Beryllium	1	0.2665	0.2665
45645	68107	Beryllium	1	0.5	0.5
45646	68107	Beryllium	1	0.5	0.5
45648	68107	Beryllium	1	0.5	0.5
45662	68107	Beryllium	1	0.294	0.294

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45663	68107	Beryllium	1	0.2875	0.2875
45678	68107	Beryllium	1	0.5	0.5
45698	68107	Beryllium	1	0.3095	0.3095
45724	68107	Beryllium	1	0.3155	0.3155
45725	68107	Beryllium	1	0.5	0.5
45728	68107	Beryllium	1	0.5	0.5
45739	68107	Beryllium	1	0.5	0.5
45741	68107	Beryllium	1	0.55	0.55
45747	68107	Beryllium	1	0.2845	0.2845
45764	68107	Beryllium	1	0.5	0.5
45767	68107	Beryllium	1	0.5	0.5
45770	68107	Beryllium	1	0.736	0.736
45786	68107	Beryllium	1	0.546	0.546
45787	68107	Beryllium	1	0.264	0.264
45789	68107	Beryllium	1	0.72	0.72
45811	68107	Beryllium	1	0.296	0.296
45822	68107	Beryllium	1	0.55	0.55
45837	68107	Beryllium	1	0.69	0.69
45840	68107	Beryllium	1	0.5	0.5
45849	68107	Beryllium	1	0.5	0.5
45854	68107	Beryllium	1	0.3145	0.3145
45883	68107	Beryllium	1	0.5	0.5
45906	68107	Beryllium	1	0.28	0.28
45921	68107	Beryllium	1	0.5	0.5
45923	68107	Beryllium	1	0.3095	0.3095
45927	68107	Beryllium	1	0.5	0.5
45955	68107	Beryllium	1	0.284	0.284
45970	68107	Beryllium	1	0.5	0.5
45984	68107	Beryllium	1	0.668	0.668
45988	68107	Beryllium	1	0.5	0.5
45999	68107	Beryllium	1	0.5	0.5
46035	68107	Beryllium	1	0.5	0.5
46049	68107	Beryllium	1	0.5	0.5
46050	68107	Beryllium	1	0.31	0.31
46052	68107	Beryllium	1	0.6	0.6
46071	68107	Beryllium	1	0.5	0.5
46073	68107	Beryllium	1	0.578	0.578
46091	68107	Beryllium	1	0.2925	0.2925
46103	68107	Beryllium	1	0.5	0.5
46107	68107	Beryllium	1	0.5	0.5
46118	68107	Beryllium	1	0.2845	0.2845
46122	68107	Beryllium	1	0.5	0.5
46127	68107	Beryllium	1	0.5	0.5
46133	68107	Beryllium	1	0.2875	0.2875
46145	68107	Beryllium	1	0.598	0.598
46150	68107	Beryllium	1	0.286	0.286
46164	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46168	68107	Beryllium	1	0.55	0.55
46180	68107	Beryllium	1	0.667	0.667
46187	68107	Beryllium	1	0.291	0.291
46210	68107	Beryllium	1	0.557	0.557
46214	68107	Beryllium	1	0.5	0.5
46241	68107	Beryllium	1	0.576	0.576
46247	68107	Beryllium	1	0.5	0.5
46260	68107	Beryllium	1	0.319	0.319
46279	68107	Beryllium	1	0.5	0.5
46297	68107	Beryllium	1	0.2605	0.2605
46346	68107	Beryllium	1	0.5	0.5
46347	68107	Beryllium	1	0.5	0.5
46363	68107	Beryllium	1	0.6	0.6
46368	68107	Beryllium	1	0.2755	0.2755
46380	68107	Beryllium	1	0.291	0.291
46399	68107	Beryllium	1	0.5	0.5
46423	68107	Beryllium	1	0.5	0.5
46432	68107	Beryllium	1	0.2895	0.2895
46448	68107	Beryllium	1	0.5	0.5
46461	68107	Beryllium	1	0.5	0.5
46469	68107	Beryllium	1	0.2895	0.2895
46472	68107	Beryllium	1	0.614	0.614
46473	68107	Beryllium	1	0.653	0.653
46474	68107	Beryllium	1	1.25	1.25
46478	68107	Beryllium	1	0.5	0.5
46490	68107	Beryllium	1	0.265	0.265
46493	68107	Beryllium	1	0.5	0.5
46494	68107	Beryllium	1	0.55	0.55
46498	68107	Beryllium	1	0.5	0.5
46505	68107	Beryllium	1	0.659	0.659
46509	68107	Beryllium	1	0.5	0.5
46527	68107	Beryllium	1	0.271	0.271
46566	68107	Beryllium	1	0.608	0.608
46579	68107	Beryllium	1	0.5	0.5
46583	68107	Beryllium	1	0.583	0.583
46610	68107	Beryllium	1	0.5	0.5
46626	68107	Beryllium	1	0.5	0.5
46628	68107	Beryllium	1	0.5	0.5
46637	68107	Beryllium	1	0.55	0.55
46655	68107	Beryllium	1	0.676	0.676
46662	68107	Beryllium	1	0.697	0.697
46664	68107	Beryllium	1	0.661	0.661
46672	68107	Beryllium	1	0.256	0.256
46673	68107	Beryllium	1	0.55	0.55
46683	68107	Beryllium	1	0.328	0.328
46698	68107	Beryllium	1	0.2645	0.2645
46699	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46708	68107	Beryllium	1	0.5	0.5
46712	68107	Beryllium	1	0.2585	0.2585
46725	68107	Beryllium	1	0.2805	0.2805
46727	68107	Beryllium	1	0.45	0.45
46731	68107	Beryllium	1	0.626	0.626
46743	68107	Beryllium	1	0.5	0.5
46763	68107	Beryllium	1	0.2665	0.2665
46764	68107	Beryllium	1	0.268	0.268
46772	68107	Beryllium	1	0.5	0.5
46776	68107	Beryllium	1	0.2535	0.2535
46792	68107	Beryllium	1	0.2535	0.2535
46794	68107	Beryllium	1	0.2585	0.2585
46805	68107	Beryllium	1	0.5	0.5
46808	68107	Beryllium	1	0.5	0.5
46815	68107	Beryllium	1	0.5	0.5
46835	68107	Beryllium	1	0.239	0.239
46852	68107	Beryllium	1	0.5	0.5
46857	68107	Beryllium	1	0.5	0.5
46864	68107	Beryllium	1	0.5	0.5
46867	68107	Beryllium	1	0.5	0.5
46893	68107	Beryllium	1	0.5	0.5
46916	68107	Beryllium	1	0.5	0.5
46919	68107	Beryllium	1	0.5	0.5
46934	68107	Beryllium	1	0.5	0.5
46954	68107	Beryllium	1	0.532	0.532
46964	68107	Beryllium	1	0.55	0.55
46976	68107	Beryllium	1	0.867	0.867
46994	68107	Beryllium	1	0.5	0.5
46998	68107	Beryllium	1	0.2955	0.2955
47021	68107	Beryllium	1	0.685	0.685
47030	68107	Beryllium	1	0.5	0.5
47038	68107	Beryllium	1	0.622	0.622
47046	68107	Beryllium	1	0.5	0.5
47047	68107	Beryllium	1	0.742	0.742
47052	68107	Beryllium	1	0.5	0.5
47058	68107	Beryllium	1	0.5	0.5
47088	68107	Beryllium	1	0.5	0.5
47090	68107	Beryllium	1	0.5	0.5
47106	68107	Beryllium	1	0.5	0.5
47139	68107	Beryllium	1	0.2655	0.2655
47140	68107	Beryllium	1	0.5	0.5
47147	68107	Beryllium	1	0.5	0.5
47148	68107	Beryllium	1	0.5	0.5
47149	68107	Beryllium	1	0.55	0.55
47163	68107	Beryllium	1	0.45	0.45
47172	68107	Beryllium	1	0.5	0.5
47179	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47181	68107	Beryllium	1	0.55	0.55
47196	68107	Beryllium	1	0.5	0.5
47203	68107	Beryllium	1	0.608	0.608
47206	68107	Beryllium	1	0.5	0.5
47215	68107	Beryllium	1	0.5	0.5
47216	68107	Beryllium	1	0.55	0.55
47217	68107	Beryllium	1	0.5	0.5
47218	68107	Beryllium	1	0.5	0.5
47223	68107	Beryllium	1	0.2725	0.2725
47249	68107	Beryllium	1	0.5	0.5
47250	68107	Beryllium	1	0.634	0.634
47259	68107	Beryllium	1	0.5	0.5
47274	68107	Beryllium	1	0.5	0.5
47275	68107	Beryllium	1	0.5	0.5
47279	68107	Beryllium	1	0.573	0.573
47291	68107	Beryllium	1	0.78	0.78
47293	68107	Beryllium	1	0.5	0.5
47296	68107	Beryllium	1	0.55	0.55
47311	68107	Beryllium	1	0.5	0.5
47312	68107	Beryllium	1	0.547	0.547
47315	68107	Beryllium	1	0.291	0.291
47320	68107	Beryllium	1	0.5	0.5
47322	68107	Beryllium	1	0.5	0.5
47338	68107	Beryllium	1	0.626	0.626
47339	68107	Beryllium	1	0.5	0.5
47356	68107	Beryllium	1	0.5	0.5
47368	68107	Beryllium	1	0.5	0.5
47380	68107	Beryllium	1	0.637	0.637
47382	68107	Beryllium	1	0.5	0.5
47385	68107	Beryllium	1	0.27	0.27
47390	68107	Beryllium	1	0.588	0.588
47417	68107	Beryllium	1	0.5	0.5
47421	68107	Beryllium	1	0.5	0.5
47424	68107	Beryllium	1	0.5	0.5
47425	68107	Beryllium	1	0.569	0.569
47440	68107	Beryllium	1	0.5	0.5
47452	68107	Beryllium	1	0.5	0.5
47475	68107	Beryllium	1	0.596	0.596
47485	68107	Beryllium	1	0.5	0.5
47511	68107	Beryllium	1	0.56	0.56
47514	68107	Beryllium	1	0.3025	0.3025
47518	68107	Beryllium	1	0.309	0.309
47526	68107	Beryllium	1	0.2385	0.2385
47544	68107	Beryllium	1	0.5	0.5
47553	68107	Beryllium	1	0.5	0.5
47565	68107	Beryllium	1	0.2945	0.2945
47566	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47604	68107	Beryllium	1	0.5	0.5
47610	68107	Beryllium	1	0.329	0.329
47617	68107	Beryllium	1	0.607	0.607
47621	68107	Beryllium	1	0.5	0.5
47627	68107	Beryllium	1	0.5	0.5
47649	68107	Beryllium	1	0.589	0.589
47656	68107	Beryllium	1	0.623	0.623
47670	68107	Beryllium	1	0.655	0.655
47681	68107	Beryllium	1	0.5	0.5
47706	68107	Beryllium	1	0.281	0.281
47708	68107	Beryllium	1	0.563	0.563
47761	68107	Beryllium	1	0.5	0.5
47768	68107	Beryllium	1	0.794	0.794
47783	68107	Beryllium	1	0.5	0.5
47795	68107	Beryllium	1	0.61	0.61
47797	68107	Beryllium	1	0.5	0.5
47811	68107	Beryllium	1	0.5	0.5
47813	68107	Beryllium	1	0.5	0.5
47816	68107	Beryllium	1	0.5	0.5
47820	68107	Beryllium	1	0.608	0.608
47838	68107	Beryllium	1	0.5	0.5
47841	68107	Beryllium	1	0.5	0.5
47860	68107	Beryllium	1	1.11	1.11
47867	68107	Beryllium	1	0.5	0.5
47886	68107	Beryllium	1	0.5	0.5
47895	68107	Beryllium	1	0.55	0.55
47924	68107	Beryllium	1	0.5	0.5
47930	68107	Beryllium	1	0.938	0.938
47934	68107	Beryllium	1	0.5	0.5
47939	68107	Beryllium	1	0.863	0.863
47952	68107	Beryllium	1	0.815	0.815
47966	68107	Beryllium	1	0.2815	0.2815
47969	68107	Beryllium	1	0.2955	0.2955
48003	68107	Beryllium	1	1.09	1.09
48006	68107	Beryllium	1	1.1	1.1
48014	68107	Beryllium	1	0.5	0.5
48016	68107	Beryllium	1	0.299	0.299
48018	68107	Beryllium	1	0.5	0.5
48036	68107	Beryllium	1	0.68	0.68
48043	68107	Beryllium	1	0.319	0.319
48048	68107	Beryllium	1	0.5	0.5
48056	68107	Beryllium	1	0.5	0.5
48092	68107	Beryllium	1	0.5	0.5
48116	68107	Beryllium	1	0.5	0.5
48118	68107	Beryllium	1	0.5	0.5
48120	68107	Beryllium	1	0.5	0.5
48135	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48141	68107	Beryllium	1	0.5	0.5
48150	68107	Beryllium	1	0.5	0.5
48167	68107	Beryllium	1	0.623	0.623
48232	68107	Beryllium	1	0.3125	0.3125
48245	68107	Beryllium	1	0.5	0.5
48261	68107	Beryllium	1	0.2755	0.2755
48271	68107	Beryllium	1	0.5	0.5
48292	68107	Beryllium	1	0.5	0.5
48308	68107	Beryllium	1	0.5	0.5
48327	68107	Beryllium	1	0.273	0.273
48334	68107	Beryllium	1	0.2655	0.2655
48341	68107	Beryllium	1	0.541	0.541
48359	68107	Beryllium	1	0.5	0.5
48367	68107	Beryllium	1	0.2705	0.2705
48368	68107	Beryllium	1	0.268	0.268
48380	68107	Beryllium	1	0.5	0.5
48416	68107	Beryllium	1	0.5	0.5
48418	68107	Beryllium	1	0.721	0.721
48434	68107	Beryllium	1	0.5	0.5
48494	68107	Beryllium	1	0.264	0.264
48495	68107	Beryllium	1	0.5	0.5
48508	68107	Beryllium	1	0.741	0.741
48510	68107	Beryllium	1	0.5	0.5
48525	68107	Beryllium	1	0.55	0.55
48547	68107	Beryllium	1	0.291	0.291
48553	68107	Beryllium	1	0.573	0.573
48578	68107	Beryllium	1	0.763	0.763
48583	68107	Beryllium	1	0.3045	0.3045
48589	68107	Beryllium	1	0.5	0.5
48593	68107	Beryllium	1	0.521	0.521
48596	68107	Beryllium	1	0.612	0.612
48620	68107	Beryllium	1	0.5	0.5
48636	68107	Beryllium	1	0.597	0.597
48639	68107	Beryllium	1	0.5	0.5
48641	68107	Beryllium	1	0.55	0.55
48654	68107	Beryllium	1	0.5	0.5
48661	68107	Beryllium	1	0.5	0.5
48668	68107	Beryllium	1	0.291	0.291
48674	68107	Beryllium	1	0.294	0.294
48685	68107	Beryllium	1	0.5	0.5
48694	68107	Beryllium	1	0.261	0.261
48708	68107	Beryllium	1	0.5	0.5
48715	68107	Beryllium	1	0.3055	0.3055
48721	68107	Beryllium	1	0.5	0.5
48733	68107	Beryllium	1	0.256	0.256
48736	68107	Beryllium	1	0.5	0.5
48747	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48768	68107	Beryllium	1	0.5	0.5
48798	68107	Beryllium	1	0.5	0.5
48815	68107	Beryllium	1	0.5	0.5
48821	68107	Beryllium	1	0.294	0.294
48836	68107	Beryllium	1	0.2725	0.2725
48846	68107	Beryllium	1	0.5	0.5
48855	68107	Beryllium	1	0.2815	0.2815
48871	68107	Beryllium	1	0.2695	0.2695
48886	68107	Beryllium	1	0.338	0.338
48900	68107	Beryllium	1	0.2915	0.2915
48904	68107	Beryllium	1	0.5	0.5
48944	68107	Beryllium	1	0.288	0.288
48952	68107	Beryllium	1	0.2955	0.2955
48963	68107	Beryllium	1	0.2885	0.2885
48973	68107	Beryllium	1	0.3085	0.3085
48975	68107	Beryllium	1	0.5	0.5
48977	68107	Beryllium	1	0.5	0.5
48999	68107	Beryllium	1	0.2795	0.2795
49012	68107	Beryllium	1	0.5	0.5
49036	68107	Beryllium	1	0.289	0.289
49070	68107	Beryllium	1	0.5	0.5
49081	68107	Beryllium	1	0.2715	0.2715
49082	68107	Beryllium	1	0.618	0.618
49085	68107	Beryllium	1	0.2585	0.2585
49098	68107	Beryllium	1	0.679	0.679
49117	68107	Beryllium	1	0.304	0.304
49126	68107	Beryllium	1	0.5	0.5
49167	68107	Beryllium	1	0.5	0.5
49208	68107	Beryllium	1	0.659	0.659
49239	68107	Beryllium	1	0.5	0.5
49249	68107	Beryllium	1	0.2895	0.2895
49371	68107	Beryllium	1	0.256	0.256
49383	68107	Beryllium	1	0.2745	0.2745
49395	68107	Beryllium	1	0.5	0.5
49404	68107	Beryllium	1	0.5	0.5
49435	68107	Beryllium	1	0.285	0.285
49439	68107	Beryllium	1	0.2895	0.2895
49441	68107	Beryllium	1	0.302	0.302
49444	68107	Beryllium	1	0.586	0.586
50137	68107	Beryllium	1	0.5	0.5
50139	68107	Beryllium	1	0.5	0.5
50140	68107	Beryllium	1	0.5	0.5
50141	68107	Beryllium	1	0.5	0.5
50144	68107	Beryllium	1	0.5	0.5
50158	68107	Beryllium	1	0.5	0.5
50185	68107	Beryllium	1	0.5	0.5
50191	68107	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50192	68107	Beryllium	1	0.5	0.5
50193	68107	Beryllium	1	0.5	0.5
50214	68107	Beryllium	1	0.5	0.5
50243	68107	Beryllium	1	0.5	0.5
50244	68107	Beryllium	1	0.5	0.5
50246	68107	Beryllium	1	0.5	0.5
50249	68107	Beryllium	1	0.5	0.5
50276	68107	Beryllium	1	0.5	0.5
50284	68107	Beryllium	1	0.5	0.5
50286	68107	Beryllium	1	0.5	0.5
50292	68107	Beryllium	1	0.5	0.5
50293	68107	Beryllium	1	0.5	0.5
50294	68107	Beryllium	1	0.5	0.5
50299	68107	Beryllium	1	0.5	0.5
50300	68107	Beryllium	1	0.5	0.5
50313	68107	Beryllium	1	0.5	0.5
50325	68107	Beryllium	1	0.5	0.5
50326	68107	Beryllium	1	0.5	0.5
50335	68107	Beryllium	1	0.5	0.5
50359	68107	Beryllium	1	0.5	0.5
50360	68107	Beryllium	1	0.5	0.5
50361	68107	Beryllium	1	0.5	0.5
50362	68107	Beryllium	1	0.5	0.5
50537	68107	Beryllium	1	0.672	0.672
76891	68107	Beryllium	1	0.55	0.55
89377	68107	Beryllium	1	0.55	0.55
89408	68107	Beryllium	1	0.5	0.5
2170	68108	Beryllium	1	0.5	0.5
2518	68108	Beryllium	1	0.5	0.5
2521	68108	Beryllium	1	0.5	0.5
2522	68108	Beryllium	1	0.5	0.5
2527	68108	Beryllium	1	0.597	0.597
2532	68108	Beryllium	1	0.55	0.55
5225	68108	Beryllium	1	0.5	0.5
5227	68108	Beryllium	1	0.5	0.5
5229	68108	Beryllium	1	0.5	0.5
5284	68108	Beryllium	1	0.5	0.5
5300	68108	Beryllium	1	0.5	0.5
5304	68108	Beryllium	1	0.5	0.5
5306	68108	Beryllium	1	0.5	0.5
5332	68108	Beryllium	1	0.516	0.516
5387	68108	Beryllium	1	0.63	0.63
5390	68108	Beryllium	1	0.711	0.711
5394	68108	Beryllium	1	0.603	0.603
5395	68108	Beryllium	1	0.565	0.565
5398	68108	Beryllium	1	0.733	0.733
5403	68108	Beryllium	1	0.684	0.684

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5407	68108	Beryllium	1	0.448	0.448
5408	68108	Beryllium	1	0.739	0.739
5409	68108	Beryllium	1	0.326	0.326
5416	68108	Beryllium	1	0.667	0.667
5418	68108	Beryllium	1	0.499	0.499
5422	68108	Beryllium	1	0.513	0.513
5425	68108	Beryllium	1	0.443	0.443
5426	68108	Beryllium	1	0.447	0.447
5427	68108	Beryllium	1	0.767	0.767
5429	68108	Beryllium	1	0.613	0.613
5431	68108	Beryllium	1	0.586	0.586
5432	68108	Beryllium	1	0.538	0.538
5449	68108	Beryllium	1	0.602	0.602
5450	68108	Beryllium	1	0.794	0.794
5454	68108	Beryllium	1	0.356	0.356
5460	68108	Beryllium	1	0.541	0.541
5463	68108	Beryllium	1	0.484	0.484
5467	68108	Beryllium	1	0.696	0.696
5472	68108	Beryllium	1	0.643	0.643
5473	68108	Beryllium	1	0.614	0.614
5474	68108	Beryllium	1	0.385	0.385
5480	68108	Beryllium	1	0.586	0.586
5483	68108	Beryllium	1	0.977	0.977
5485	68108	Beryllium	1	0.628	0.628
5492	68108	Beryllium	1	0.659	0.659
5505	68108	Beryllium	1	0.633	0.633
5572	68108	Beryllium	1	0.789	0.789
5607	68108	Beryllium	1	0.512	0.512
5608	68108	Beryllium	1	0.482	0.482
5623	68108	Beryllium	1	0.551	0.551
5628	68108	Beryllium	1	0.596	0.596
5630	68108	Beryllium	1	0.61	0.61
5636	68108	Beryllium	1	0.704	0.704
5637	68108	Beryllium	1	0.441	0.441
5652	68108	Beryllium	1	0.573	0.573
12816	68108	Beryllium	1	0.5	0.5
12859	68108	Beryllium	1	0.5	0.5
12926	68108	Beryllium	1	0.5	0.5
12947	68108	Beryllium	1	0.719	0.719
13102	68108	Beryllium	1	0.268	0.268
13164	68108	Beryllium	1	0.5	0.5
13184	68108	Beryllium	1	0.5	0.5
13189	68108	Beryllium	1	0.5	0.5
13239	68108	Beryllium	1	0.274	0.274
13267	68108	Beryllium	1	0.55	0.55
13436	68108	Beryllium	1	0.3005	0.3005
13485	68108	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13529	68108	Beryllium	1	0.5	0.5
13530	68108	Beryllium	1	0.2695	0.2695
13536	68108	Beryllium	1	0.681	0.681
13575	68108	Beryllium	1	0.5	0.5
13645	68108	Beryllium	1	0.55	0.55
13661	68108	Beryllium	1	0.3245	0.3245
13674	68108	Beryllium	1	0.5	0.5
13675	68108	Beryllium	1	0.5	0.5
13760	68108	Beryllium	1	0.5	0.5
13773	68108	Beryllium	1	0.631	0.631
13795	68108	Beryllium	1	0.5	0.5
13941	68108	Beryllium	1	0.5	0.5
14043	68108	Beryllium	1	0.2485	0.2485
14076	68108	Beryllium	1	0.2905	0.2905
14079	68108	Beryllium	1	0.2535	0.2535
14130	68108	Beryllium	1	0.5	0.5
14140	68108	Beryllium	1	0.5	0.5
14203	68108	Beryllium	1	0.5	0.5
14270	68108	Beryllium	1	0.2815	0.2815
14279	68108	Beryllium	1	0.296	0.296
14290	68108	Beryllium	1	0.5	0.5
14438	68108	Beryllium	1	0.5	0.5
14449	68108	Beryllium	1	0.5	0.5
14481	68108	Beryllium	1	0.5	0.5
14486	68108	Beryllium	1	0.5	0.5
14497	68108	Beryllium	1	0.55	0.55
14537	68108	Beryllium	1	0.5	0.5
14545	68108	Beryllium	1	0.5	0.5
14576	68108	Beryllium	1	0.5	0.5
14578	68108	Beryllium	1	0.5	0.5
14617	68108	Beryllium	1	0.692	0.692
14660	68108	Beryllium	1	0.797	0.797
14692	68108	Beryllium	1	0.682	0.682
14720	68108	Beryllium	1	0.5	0.5
14818	68108	Beryllium	1	0.5	0.5
14825	68108	Beryllium	1	0.569	0.569
14849	68108	Beryllium	1	0.63	0.63
14855	68108	Beryllium	1	0.5	0.5
14878	68108	Beryllium	1	0.66	0.66
14914	68108	Beryllium	1	0.5	0.5
14998	68108	Beryllium	1	0.5	0.5
15001	68108	Beryllium	1	0.5	0.5
15051	68108	Beryllium	1	0.5	0.5
15053	68108	Beryllium	1	0.5	0.5
15116	68108	Beryllium	1	0.5	0.5
15135	68108	Beryllium	1	0.671	0.671
15248	68108	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15256	68108	Beryllium	1	0.2705	0.2705
15266	68108	Beryllium	1	0.5	0.5
15337	68108	Beryllium	1	0.834	0.834
15443	68108	Beryllium	1	0.5	0.5
15468	68108	Beryllium	1	0.27	0.27
15601	68108	Beryllium	1	0.5	0.5
15603	68108	Beryllium	1	0.5	0.5
15687	68108	Beryllium	1	0.5	0.5
15748	68108	Beryllium	1	0.5	0.5
15768	68108	Beryllium	1	0.313	0.313
15915	68108	Beryllium	1	0.5	0.5
15939	68108	Beryllium	1	0.5	0.5
15955	68108	Beryllium	1	0.735	0.735
15966	68108	Beryllium	1	0.3085	0.3085
15980	68108	Beryllium	1	0.2925	0.2925
16006	68108	Beryllium	1	0.6	0.6
16126	68108	Beryllium	1	0.249	0.249
16135	68108	Beryllium	1	0.2295	0.2295
16137	68108	Beryllium	1	0.779	0.779
16145	68108	Beryllium	1	0.742	0.742
16261	68108	Beryllium	1	0.2805	0.2805
16267	68108	Beryllium	1	0.2645	0.2645
16319	68108	Beryllium	1	0.736	0.736
16349	68108	Beryllium	1	0.5	0.5
16446	68108	Beryllium	1	0.5	0.5
16530	68108	Beryllium	1	0.5	0.5
16556	68108	Beryllium	1	0.5	0.5
16581	68108	Beryllium	1	0.5	0.5
16595	68108	Beryllium	1	0.5	0.5
16599	68108	Beryllium	1	0.5	0.5
16711	68108	Beryllium	1	0.5	0.5
16813	68108	Beryllium	1	0.306	0.306
16973	68108	Beryllium	1	0.713	0.713
17004	68108	Beryllium	1	0.55	0.55
17005	68108	Beryllium	1	0.5	0.5
17022	68108	Beryllium	1	0.5	0.5
17242	68108	Beryllium	1	0.45	0.45
17247	68108	Beryllium	1	0.5	0.5
17282	68108	Beryllium	1	0.6	0.6
17316	68108	Beryllium	1	0.5	0.5
17323	68108	Beryllium	1	0.5	0.5
17335	68108	Beryllium	1	0.5	0.5
17360	68108	Beryllium	1	0.5	0.5
17414	68108	Beryllium	1	0.2825	0.2825
17416	68108	Beryllium	1	0.939	0.939
17417	68108	Beryllium	1	0.5	0.5
17418	68108	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17461	68108	Beryllium	1	0.55	0.55
17498	68108	Beryllium	1	0.265	0.265
17550	68108	Beryllium	1	0.5	0.5
17671	68108	Beryllium	1	0.623	0.623
17699	68108	Beryllium	1	0.2595	0.2595
17700	68108	Beryllium	1	0.5	0.5
17701	68108	Beryllium	1	0.5	0.5
17703	68108	Beryllium	1	0.607	0.607
17732	68108	Beryllium	1	0.5	0.5
17778	68108	Beryllium	1	0.5	0.5
17840	68108	Beryllium	1	0.2655	0.2655
17849	68108	Beryllium	1	0.575	0.575
17861	68108	Beryllium	1	0.5	0.5
17864	68108	Beryllium	1	0.5	0.5
17865	68108	Beryllium	1	0.253	0.253
17908	68108	Beryllium	1	0.5	0.5
17945	68108	Beryllium	1	0.288	0.288
17963	68108	Beryllium	1	0.5	0.5
17968	68108	Beryllium	1	0.5	0.5
17985	68108	Beryllium	1	0.5	0.5
18129	68108	Beryllium	1	0.229	0.229
18148	68108	Beryllium	1	0.5	0.5
18179	68108	Beryllium	1	0.5	0.5
18198	68108	Beryllium	1	0.737	0.737
18218	68108	Beryllium	1	0.5	0.5
18222	68108	Beryllium	1	0.5	0.5
18249	68108	Beryllium	1	0.6	0.6
18328	68108	Beryllium	1	0.55	0.55
18330	68108	Beryllium	1	0.5	0.5
18339	68108	Beryllium	1	0.285	0.285
18385	68108	Beryllium	1	0.5	0.5
18422	68108	Beryllium	1	1.29	1.29
18435	68108	Beryllium	1	0.5	0.5
18461	68108	Beryllium	1	0.3025	0.3025
18486	68108	Beryllium	1	0.879	0.879
18532	68108	Beryllium	1	0.733	0.733
18547	68108	Beryllium	1	0.5	0.5
18597	68108	Beryllium	1	0.5	0.5
18634	68108	Beryllium	1	0.5	0.5
18664	68108	Beryllium	1	0.5	0.5
18687	68108	Beryllium	1	0.5	0.5
18691	68108	Beryllium	1	0.5	0.5
18697	68108	Beryllium	1	0.5	0.5
18712	68108	Beryllium	1	0.2595	0.2595
18718	68108	Beryllium	1	0.5	0.5
18749	68108	Beryllium	1	0.5	0.5
18800	68108	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18802	68108	Beryllium	1	0.5	0.5
18833	68108	Beryllium	1	0.3375	0.3375
18890	68108	Beryllium	1	0.636	0.636
18903	68108	Beryllium	1	0.5	0.5
18943	68108	Beryllium	1	0.555	0.555
18968	68108	Beryllium	1	0.2805	0.2805
18988	68108	Beryllium	1	0.297	0.297
19030	68108	Beryllium	1	0.2535	0.2535
19116	68108	Beryllium	1	0.57	0.57
19126	68108	Beryllium	1	0.5	0.5
19153	68108	Beryllium	1	0.698	0.698
19190	68108	Beryllium	1	0.5	0.5
19343	68108	Beryllium	1	0.55	0.55
19371	68108	Beryllium	1	0.625	0.625
19373	68108	Beryllium	1	0.661	0.661
19417	68108	Beryllium	1	0.5	0.5
19440	68108	Beryllium	1	0.234	0.234
19444	68108	Beryllium	1	0.29	0.29
19474	68108	Beryllium	1	0.5	0.5
19640	68108	Beryllium	1	0.257	0.257
19660	68108	Beryllium	1	0.568	0.568
19680	68108	Beryllium	1	0.2875	0.2875
19792	68108	Beryllium	1	0.5	0.5
19875	68108	Beryllium	1	0.5	0.5
19920	68108	Beryllium	1	0.669	0.669
19988	68108	Beryllium	1	0.5	0.5
20044	68108	Beryllium	1	0.828	0.828
20137	68108	Beryllium	1	0.5	0.5
20149	68108	Beryllium	1	0.5	0.5
20168	68108	Beryllium	1	0.5	0.5
20169	68108	Beryllium	1	0.55	0.55
20244	68108	Beryllium	1	0.2865	0.2865
20285	68108	Beryllium	1	0.3225	0.3225
20287	68108	Beryllium	1	0.5	0.5
20344	68108	Beryllium	1	0.677	0.677
20367	68108	Beryllium	1	0.264	0.264
20464	68108	Beryllium	1	0.551	0.551
20467	68108	Beryllium	1	0.5	0.5
20567	68108	Beryllium	1	0.2725	0.2725
20588	68108	Beryllium	1	0.5	0.5
20608	68108	Beryllium	1	0.32	0.32
20629	68108	Beryllium	1	0.5	0.5
20671	68108	Beryllium	1	0.321	0.321
20746	68108	Beryllium	1	0.275	0.275
20752	68108	Beryllium	1	0.5	0.5
20831	68108	Beryllium	1	0.848	0.848
20881	68108	Beryllium	1	0.304	0.304

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20922	68108	Beryllium	1	0.45	0.45
21123	68108	Beryllium	1	0.5	0.5
21190	68108	Beryllium	1	0.5	0.5
21502	68108	Beryllium	1	0.5	0.5
21582	68108	Beryllium	1	0.5	0.5
21729	68108	Beryllium	1	0.5	0.5
21863	68108	Beryllium	1	0.3255	0.3255
22203	68108	Beryllium	1	0.3065	0.3065
22282	68108	Beryllium	1	0.259	0.259
50453	68108	Beryllium	1	0.5	0.5
50624	68108	Beryllium	1	0.2785	0.2785
74047	68108	Beryllium	1	0.6	0.6
79306	68108	Beryllium	1	0.6	0.6
87989	68108	Beryllium	1	0.5	0.5
88004	68108	Beryllium	1	0.55	0.55
88031	68108	Beryllium	1	0.65	0.65
89842	68108	Beryllium	1	0.5	0.5
90601	68108	Beryllium	1	0.5	0.5
92372	68108	Beryllium	1	0.5	0.5
93003	68108	Beryllium	1	0.6	0.6
93522	68108	Beryllium	1	0.5	0.5
2069	68110	Beryllium	1	0.5	0.5
2280	68110	Beryllium	1	0.572	0.572
2354	68110	Beryllium	1	0.5	0.5
2355	68110	Beryllium	1	0.5	0.5
2539	68110	Beryllium	1	0.725	0.725
3136	68110	Beryllium	1	0.655	0.655
5258	68110	Beryllium	1	0.5	0.5
5388	68110	Beryllium	1	0.723	0.723
5520	68110	Beryllium	1	0.989	0.989
5525	68110	Beryllium	1	0.4695	0.4695
5527	68110	Beryllium	1	0.4095	0.4095
5530	68110	Beryllium	1	0.386	0.386
5532	68110	Beryllium	1	0.614	0.614
5536	68110	Beryllium	1	0.3525	0.3525
5541	68110	Beryllium	1	0.3155	0.3155
5544	68110	Beryllium	1	0.3315	0.3315
5546	68110	Beryllium	1	0.344	0.344
5551	68110	Beryllium	1	0.395	0.395
5559	68110	Beryllium	1	0.4425	0.4425
5560	68110	Beryllium	1	0.375	0.375
5561	68110	Beryllium	1	0.4105	0.4105
5563	68110	Beryllium	1	0.3785	0.3785
5565	68110	Beryllium	1	0.465	0.465
5566	68110	Beryllium	1	0.652	0.652
5612	68110	Beryllium	1	0.615	0.615
5614	68110	Beryllium	1	0.643	0.643

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5641	68110	Beryllium	1	0.708	0.708
5650	68110	Beryllium	1	0.5	0.5
5651	68110	Beryllium	1	0.527	0.527
26122	68110	Beryllium	1	0.654	0.654
26133	68110	Beryllium	1	0.634	0.634
26234	68110	Beryllium	1	0.55	0.55
26341	68110	Beryllium	1	0.5	0.5
26410	68110	Beryllium	1	0.5	0.5
26447	68110	Beryllium	1	0.2545	0.2545
26465	68110	Beryllium	1	0.2785	0.2785
26527	68110	Beryllium	1	0.5	0.5
26550	68110	Beryllium	1	0.5	0.5
26762	68110	Beryllium	1	0.5	0.5
27034	68110	Beryllium	1	0.5	0.5
27069	68110	Beryllium	1	0.5	0.5
27291	68110	Beryllium	1	0.294	0.294
27435	68110	Beryllium	1	0.55	0.55
27589	68110	Beryllium	1	0.267	0.267
27592	68110	Beryllium	1	0.523	0.523
27683	68110	Beryllium	1	0.653	0.653
27704	68110	Beryllium	1	0.5	0.5
27756	68110	Beryllium	1	0.5	0.5
27815	68110	Beryllium	1	0.263	0.263
27822	68110	Beryllium	1	0.616	0.616
27826	68110	Beryllium	1	0.291	0.291
27840	68110	Beryllium	1	0.628	0.628
27844	68110	Beryllium	1	0.745	0.745
27884	68110	Beryllium	1	1.13	1.13
27907	68110	Beryllium	1	0.5	0.5
27927	68110	Beryllium	1	0.712	0.712
27984	68110	Beryllium	1	0.2285	0.2285
28074	68110	Beryllium	1	0.269	0.269
28075	68110	Beryllium	1	0.2755	0.2755
28120	68110	Beryllium	1	0.275	0.275
28167	68110	Beryllium	1	0.561	0.561
28226	68110	Beryllium	1	0.617	0.617
28335	68110	Beryllium	1	0.529	0.529
28360	68110	Beryllium	1	0.5	0.5
28404	68110	Beryllium	1	0.2425	0.2425
28421	68110	Beryllium	1	0.5	0.5
28455	68110	Beryllium	1	0.5	0.5
28501	68110	Beryllium	1	0.278	0.278
28550	68110	Beryllium	1	0.2865	0.2865
28591	68110	Beryllium	1	0.645	0.645
28647	68110	Beryllium	1	0.5	0.5
28670	68110	Beryllium	1	0.2845	0.2845
28711	68110	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28717	68110	Beryllium	1	0.5	0.5
28726	68110	Beryllium	1	0.5	0.5
28905	68110	Beryllium	1	0.2795	0.2795
28977	68110	Beryllium	1	0.605	0.605
28999	68110	Beryllium	1	0.5	0.5
29058	68110	Beryllium	1	1.01	1.01
29063	68110	Beryllium	1	0.5	0.5
29084	68110	Beryllium	1	0.5	0.5
29093	68110	Beryllium	1	0.2825	0.2825
29095	68110	Beryllium	1	0.271	0.271
29117	68110	Beryllium	1	0.5	0.5
29135	68110	Beryllium	1	0.5	0.5
29207	68110	Beryllium	1	0.321	0.321
29238	68110	Beryllium	1	0.2945	0.2945
29257	68110	Beryllium	1	0.68	0.68
29271	68110	Beryllium	1	0.5	0.5
29283	68110	Beryllium	1	0.688	0.688
29290	68110	Beryllium	1	1.19	1.19
29332	68110	Beryllium	1	0.5	0.5
29360	68110	Beryllium	1	0.5	0.5
29361	68110	Beryllium	1	0.5	0.5
29393	68110	Beryllium	1	0.294	0.294
29421	68110	Beryllium	1	0.936	0.936
29493	68110	Beryllium	1	0.5	0.5
29500	68110	Beryllium	1	0.671	0.671
29505	68110	Beryllium	1	0.56	0.56
29550	68110	Beryllium	1	0.5	0.5
29610	68110	Beryllium	1	0.3025	0.3025
29634	68110	Beryllium	1	0.5	0.5
29665	68110	Beryllium	1	0.2655	0.2655
29753	68110	Beryllium	1	0.5	0.5
29774	68110	Beryllium	1	0.2715	0.2715
29786	68110	Beryllium	1	0.5	0.5
29795	68110	Beryllium	1	0.2855	0.2855
29844	68110	Beryllium	1	0.55	0.55
29877	68110	Beryllium	1	0.5	0.5
29887	68110	Beryllium	1	0.5	0.5
29911	68110	Beryllium	1	0.5	0.5
29913	68110	Beryllium	1	0.3185	0.3185
29920	68110	Beryllium	1	0.276	0.276
29921	68110	Beryllium	1	0.2965	0.2965
29934	68110	Beryllium	1	0.5	0.5
29942	68110	Beryllium	1	0.55	0.55
29943	68110	Beryllium	1	0.5	0.5
30017	68110	Beryllium	1	0.5	0.5
30172	68110	Beryllium	1	0.274	0.274
30189	68110	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30210	68110	Beryllium	1	0.282	0.282
30291	68110	Beryllium	1	0.5	0.5
30394	68110	Beryllium	1	0.5	0.5
30410	68110	Beryllium	1	0.2565	0.2565
30422	68110	Beryllium	1	0.5	0.5
30443	68110	Beryllium	1	0.5	0.5
30469	68110	Beryllium	1	0.2565	0.2565
30470	68110	Beryllium	1	0.55	0.55
30500	68110	Beryllium	1	0.5	0.5
30551	68110	Beryllium	1	0.647	0.647
30556	68110	Beryllium	1	0.2665	0.2665
30566	68110	Beryllium	1	0.5	0.5
30575	68110	Beryllium	1	0.2985	0.2985
30633	68110	Beryllium	1	0.2805	0.2805
30651	68110	Beryllium	1	0.5	0.5
30688	68110	Beryllium	1	0.2995	0.2995
30705	68110	Beryllium	1	0.256	0.256
30786	68110	Beryllium	1	0.284	0.284
30803	68110	Beryllium	1	0.55	0.55
30870	68110	Beryllium	1	0.5	0.5
30954	68110	Beryllium	1	0.5	0.5
30980	68110	Beryllium	1	0.5	0.5
31097	68110	Beryllium	1	0.55	0.55
31153	68110	Beryllium	1	0.637	0.637
31174	68110	Beryllium	1	0.5	0.5
31223	68110	Beryllium	1	0.683	0.683
31231	68110	Beryllium	1	0.628	0.628
31350	68110	Beryllium	1	0.686	0.686
31401	68110	Beryllium	1	0.5	0.5
31568	68110	Beryllium	1	0.648	0.648
31645	68110	Beryllium	1	0.5	0.5
31757	68110	Beryllium	1	0.5	0.5
31760	68110	Beryllium	1	0.265	0.265
31814	68110	Beryllium	1	0.639	0.639
31832	68110	Beryllium	1	0.5	0.5
31959	68110	Beryllium	1	0.2885	0.2885
32019	68110	Beryllium	1	0.5	0.5
32039	68110	Beryllium	1	0.5	0.5
32043	68110	Beryllium	1	0.5	0.5
32063	68110	Beryllium	1	0.5	0.5
32214	68110	Beryllium	1	0.269	0.269
32373	68110	Beryllium	1	0.615	0.615
32484	68110	Beryllium	1	0.5	0.5
32508	68110	Beryllium	1	0.5	0.5
32529	68110	Beryllium	1	0.2835	0.2835
32536	68110	Beryllium	1	0.5	0.5
32570	68110	Beryllium	1	0.293	0.293

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32645	68110	Beryllium	1	0.314	0.314
32707	68110	Beryllium	1	1.11	1.11
32727	68110	Beryllium	1	0.543	0.543
32733	68110	Beryllium	1	0.5	0.5
32734	68110	Beryllium	1	0.6	0.6
32875	68110	Beryllium	1	0.5	0.5
32903	68110	Beryllium	1	0.2905	0.2905
32915	68110	Beryllium	1	0.2945	0.2945
32927	68110	Beryllium	1	0.5	0.5
32996	68110	Beryllium	1	0.55	0.55
33078	68110	Beryllium	1	0.643	0.643
33084	68110	Beryllium	1	0.715	0.715
33280	68110	Beryllium	1	0.607	0.607
33421	68110	Beryllium	1	0.643	0.643
33468	68110	Beryllium	1	0.55	0.55
33472	68110	Beryllium	1	0.7	0.7
33477	68110	Beryllium	1	0.5	0.5
33483	68110	Beryllium	1	0.55	0.55
33512	68110	Beryllium	1	0.2625	0.2625
33519	68110	Beryllium	1	0.2725	0.2725
33543	68110	Beryllium	1	0.638	0.638
33555	68110	Beryllium	1	1.02	1.02
33602	68110	Beryllium	1	0.5	0.5
33629	68110	Beryllium	1	0.5	0.5
33635	68110	Beryllium	1	0.651	0.651
33714	68110	Beryllium	1	0.5	0.5
33725	68110	Beryllium	1	0.2615	0.2615
33840	68110	Beryllium	1	0.5	0.5
33927	68110	Beryllium	1	0.5	0.5
34002	68110	Beryllium	1	0.5	0.5
34047	68110	Beryllium	1	0.659	0.659
34116	68110	Beryllium	1	0.878	0.878
34237	68110	Beryllium	1	0.649	0.649
34260	68110	Beryllium	1	0.2915	0.2915
34266	68110	Beryllium	1	0.3055	0.3055
34272	68110	Beryllium	1	0.5	0.5
34276	68110	Beryllium	1	0.5	0.5
34287	68110	Beryllium	1	0.293	0.293
34613	68110	Beryllium	1	0.5	0.5
34625	68110	Beryllium	1	0.5	0.5
34638	68110	Beryllium	1	1.17	1.17
34674	68110	Beryllium	1	0.5	0.5
34696	68110	Beryllium	1	0.5	0.5
34710	68110	Beryllium	1	0.3	0.3
34733	68110	Beryllium	1	0.269	0.269
34738	68110	Beryllium	1	0.5	0.5
34742	68110	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34821	68110	Beryllium	1	0.59	0.59
35022	68110	Beryllium	1	0.63	0.63
35047	68110	Beryllium	1	0.822	0.822
35180	68110	Beryllium	1	0.3065	0.3065
35183	68110	Beryllium	1	0.251	0.251
35249	68110	Beryllium	1	0.662	0.662
35384	68110	Beryllium	1	0.55	0.55
35438	68110	Beryllium	1	0.2545	0.2545
35501	68110	Beryllium	1	0.5	0.5
35558	68110	Beryllium	1	0.3225	0.3225
35589	68110	Beryllium	1	0.3585	0.3585
35637	68110	Beryllium	1	0.6	0.6
35710	68110	Beryllium	1	0.5	0.5
35754	68110	Beryllium	1	0.2725	0.2725
35787	68110	Beryllium	1	0.5	0.5
35792	68110	Beryllium	1	0.5	0.5
35793	68110	Beryllium	1	0.5	0.5
36189	68110	Beryllium	1	0.2875	0.2875
37075	68110	Beryllium	1	0.566	0.566
37434	68110	Beryllium	1	1.5	1.5
37456	68110	Beryllium	1	1.14	1.14
37525	68110	Beryllium	1	0.304	0.304
37674	68110	Beryllium	1	0.2895	0.2895
37821	68110	Beryllium	1	0.585	0.585
38725	68110	Beryllium	1	0.5	0.5
38863	68110	Beryllium	1	0.5	0.5
39142	68110	Beryllium	1	0.55	0.55
39271	68110	Beryllium	1	0.268	0.268
39434	68110	Beryllium	1	0.271	0.271
39572	68110	Beryllium	1	0.5	0.5
55636	68110	Beryllium	1	0.55	0.55
74149	68110	Beryllium	1	0.55	0.55
79377	68110	Beryllium	1	0.55	0.55
81398	68110	Beryllium	1	0.6	0.6
81400	68110	Beryllium	1	0.5	0.5
87991	68110	Beryllium	1	0.5	0.5
90908	68110	Beryllium	1	1	1
91449	68110	Beryllium	1	0.55	0.55
92501	68110	Beryllium	1	0.45	0.45
92675	68110	Beryllium	1	0.45	0.45
93337	68110	Beryllium	1	0.5	0.5
93338	68110	Beryllium	1	0.55	0.55
93342	68110	Beryllium	1	0.45	0.45
93344	68110	Beryllium	1	0.55	0.55
93345	68110	Beryllium	1	0.6	0.6
2035	68111	Beryllium	1	0.5	0.5
2075	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2103	68111	Beryllium	1	0.5	0.5
2109	68111	Beryllium	1	0.5	0.5
2118	68111	Beryllium	1	0.295	0.295
2121	68111	Beryllium	1	0.5	0.5
2126	68111	Beryllium	1	0.5	0.5
2154	68111	Beryllium	1	0.5	0.5
2179	68111	Beryllium	1	0.5	0.5
2216	68111	Beryllium	1	0.5	0.5
2225	68111	Beryllium	1	0.5	0.5
2231	68111	Beryllium	1	0.5	0.5
2262	68111	Beryllium	1	0.5	0.5
2365	68111	Beryllium	1	0.596	0.596
2425	68111	Beryllium	1	0.724	0.724
2565	68111	Beryllium	1	0.568	0.568
3046	68111	Beryllium	1	0.526	0.526
3051	68111	Beryllium	1	0.638	0.638
3058	68111	Beryllium	1	0.64	0.64
3091	68111	Beryllium	1	0.236	0.236
3133	68111	Beryllium	1	0.551	0.551
3151	68111	Beryllium	1	0.455	0.455
5013	68111	Beryllium	1	0.5	0.5
5085	68111	Beryllium	1	0.5	0.5
5170	68111	Beryllium	1	0.5	0.5
5171	68111	Beryllium	1	0.5	0.5
5204	68111	Beryllium	1	0.5	0.5
5206	68111	Beryllium	1	0.5	0.5
5208	68111	Beryllium	1	0.5	0.5
5215	68111	Beryllium	1	0.5	0.5
5221	68111	Beryllium	1	0.5	0.5
5230	68111	Beryllium	1	0.5	0.5
5232	68111	Beryllium	1	0.5	0.5
5234	68111	Beryllium	1	0.5	0.5
5236	68111	Beryllium	1	0.5	0.5
5238	68111	Beryllium	1	0.5	0.5
5240	68111	Beryllium	1	0.5	0.5
5242	68111	Beryllium	1	0.5	0.5
5246	68111	Beryllium	1	0.5	0.5
5288	68111	Beryllium	1	0.5	0.5
5296	68111	Beryllium	1	0.5	0.5
5330	68111	Beryllium	1	0.611	0.611
5333	68111	Beryllium	1	0.279	0.279
5513	68111	Beryllium	1	0.3815	0.3815
5514	68111	Beryllium	1	0.294	0.294
5618	68111	Beryllium	1	0.664	0.664
25647	68111	Beryllium	1	0.2345	0.2345
25663	68111	Beryllium	1	0.742	0.742
25670	68111	Beryllium	1	0.666	0.666

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25708	68111	Beryllium	1	0.5	0.5
25709	68111	Beryllium	1	0.5	0.5
25750	68111	Beryllium	1	0.5	0.5
25780	68111	Beryllium	1	0.5	0.5
25786	68111	Beryllium	1	0.5	0.5
25794	68111	Beryllium	1	0.5	0.5
25804	68111	Beryllium	1	0.5	0.5
25805	68111	Beryllium	1	0.5	0.5
25834	68111	Beryllium	1	0.711	0.711
25849	68111	Beryllium	1	0.789	0.789
25869	68111	Beryllium	1	0.612	0.612
25874	68111	Beryllium	1	0.618	0.618
25877	68111	Beryllium	1	0.5	0.5
25894	68111	Beryllium	1	0.5	0.5
25903	68111	Beryllium	1	0.5	0.5
25918	68111	Beryllium	1	0.6	0.6
25921	68111	Beryllium	1	0.252	0.252
25977	68111	Beryllium	1	0.5	0.5
25985	68111	Beryllium	1	0.2805	0.2805
26005	68111	Beryllium	1	0.701	0.701
26009	68111	Beryllium	1	0.5	0.5
26011	68111	Beryllium	1	0.3055	0.3055
26030	68111	Beryllium	1	0.733	0.733
26042	68111	Beryllium	1	0.261	0.261
26043	68111	Beryllium	1	0.5	0.5
26045	68111	Beryllium	1	0.2845	0.2845
26053	68111	Beryllium	1	0.303	0.303
26084	68111	Beryllium	1	0.55	0.55
26100	68111	Beryllium	1	0.865	0.865
26124	68111	Beryllium	1	0.654	0.654
26135	68111	Beryllium	1	0.322	0.322
26142	68111	Beryllium	1	0.625	0.625
26149	68111	Beryllium	1	0.5	0.5
26160	68111	Beryllium	1	0.2745	0.2745
26164	68111	Beryllium	1	0.5	0.5
26191	68111	Beryllium	1	0.3495	0.3495
26199	68111	Beryllium	1	0.5	0.5
26202	68111	Beryllium	1	0.576	0.576
26204	68111	Beryllium	1	0.5	0.5
26211	68111	Beryllium	1	0.674	0.674
26215	68111	Beryllium	1	0.5	0.5
26228	68111	Beryllium	1	0.688	0.688
26229	68111	Beryllium	1	0.631	0.631
26231	68111	Beryllium	1	0.267	0.267
26249	68111	Beryllium	1	0.5	0.5
26257	68111	Beryllium	1	0.5	0.5
26263	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26288	68111	Beryllium	1	0.3165	0.3165
26289	68111	Beryllium	1	0.625	0.625
26290	68111	Beryllium	1	0.5	0.5
26295	68111	Beryllium	1	0.5	0.5
26303	68111	Beryllium	1	0.577	0.577
26327	68111	Beryllium	1	0.2985	0.2985
26372	68111	Beryllium	1	0.5	0.5
26428	68111	Beryllium	1	0.5	0.5
26456	68111	Beryllium	1	0.5	0.5
26459	68111	Beryllium	1	0.5	0.5
26480	68111	Beryllium	1	0.5	0.5
26485	68111	Beryllium	1	0.5	0.5
26514	68111	Beryllium	1	0.5	0.5
26518	68111	Beryllium	1	0.5	0.5
26543	68111	Beryllium	1	0.5	0.5
26570	68111	Beryllium	1	0.5	0.5
26604	68111	Beryllium	1	0.5	0.5
26653	68111	Beryllium	1	0.5	0.5
26663	68111	Beryllium	1	0.5	0.5
26665	68111	Beryllium	1	0.2975	0.2975
26682	68111	Beryllium	1	0.5	0.5
26695	68111	Beryllium	1	0.5	0.5
26716	68111	Beryllium	1	0.5	0.5
26742	68111	Beryllium	1	0.764	0.764
26757	68111	Beryllium	1	0.5	0.5
26759	68111	Beryllium	1	0.5	0.5
26772	68111	Beryllium	1	0.2495	0.2495
26779	68111	Beryllium	1	0.279	0.279
26783	68111	Beryllium	1	0.741	0.741
26834	68111	Beryllium	1	0.868	0.868
26844	68111	Beryllium	1	0.5	0.5
26858	68111	Beryllium	1	0.747	0.747
26865	68111	Beryllium	1	0.5	0.5
26868	68111	Beryllium	1	0.5	0.5
26869	68111	Beryllium	1	0.575	0.575
26877	68111	Beryllium	1	0.5	0.5
26891	68111	Beryllium	1	0.276	0.276
26948	68111	Beryllium	1	0.5	0.5
26955	68111	Beryllium	1	0.5	0.5
26967	68111	Beryllium	1	0.5	0.5
26996	68111	Beryllium	1	0.564	0.564
26997	68111	Beryllium	1	0.5	0.5
26999	68111	Beryllium	1	0.921	0.921
27005	68111	Beryllium	1	0.5	0.5
27031	68111	Beryllium	1	0.595	0.595
27038	68111	Beryllium	1	0.55	0.55
27052	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27074	68111	Beryllium	1	0.5	0.5
27096	68111	Beryllium	1	0.291	0.291
27107	68111	Beryllium	1	0.292	0.292
27117	68111	Beryllium	1	0.5	0.5
27120	68111	Beryllium	1	0.5	0.5
27137	68111	Beryllium	1	0.5	0.5
27138	68111	Beryllium	1	0.5	0.5
27139	68111	Beryllium	1	0.267	0.267
27140	68111	Beryllium	1	0.5	0.5
27142	68111	Beryllium	1	0.55	0.55
27144	68111	Beryllium	1	0.5	0.5
27145	68111	Beryllium	1	0.5	0.5
27148	68111	Beryllium	1	0.5	0.5
27177	68111	Beryllium	1	0.5	0.5
27185	68111	Beryllium	1	0.5	0.5
27191	68111	Beryllium	1	0.5	0.5
27193	68111	Beryllium	1	0.2825	0.2825
27202	68111	Beryllium	1	0.5	0.5
27264	68111	Beryllium	1	0.6	0.6
27266	68111	Beryllium	1	0.5	0.5
27269	68111	Beryllium	1	0.5	0.5
27278	68111	Beryllium	1	0.5	0.5
27308	68111	Beryllium	1	0.5	0.5
27315	68111	Beryllium	1	0.55	0.55
27318	68111	Beryllium	1	0.767	0.767
27342	68111	Beryllium	1	0.283	0.283
27347	68111	Beryllium	1	0.5	0.5
27366	68111	Beryllium	1	0.258	0.258
27369	68111	Beryllium	1	0.5	0.5
27399	68111	Beryllium	1	0.5	0.5
27402	68111	Beryllium	1	0.6	0.6
27446	68111	Beryllium	1	0.5	0.5
27461	68111	Beryllium	1	0.5	0.5
27467	68111	Beryllium	1	0.702	0.702
27475	68111	Beryllium	1	0.5	0.5
27481	68111	Beryllium	1	0.5	0.5
27488	68111	Beryllium	1	0.2955	0.2955
27524	68111	Beryllium	1	0.5	0.5
27567	68111	Beryllium	1	0.631	0.631
27581	68111	Beryllium	1	0.3225	0.3225
27585	68111	Beryllium	1	0.302	0.302
27604	68111	Beryllium	1	0.321	0.321
27608	68111	Beryllium	1	0.606	0.606
27630	68111	Beryllium	1	0.5	0.5
27632	68111	Beryllium	1	0.5	0.5
27658	68111	Beryllium	1	0.5	0.5
27718	68111	Beryllium	1	0.325	0.325

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27734	68111	Beryllium	1	0.5	0.5
27739	68111	Beryllium	1	0.673	0.673
27742	68111	Beryllium	1	0.5	0.5
27764	68111	Beryllium	1	0.5	0.5
27768	68111	Beryllium	1	0.623	0.623
27780	68111	Beryllium	1	0.65	0.65
27854	68111	Beryllium	1	0.5	0.5
27859	68111	Beryllium	1	0.324	0.324
27885	68111	Beryllium	1	0.5	0.5
27886	68111	Beryllium	1	1.01	1.01
27913	68111	Beryllium	1	0.2635	0.2635
27920	68111	Beryllium	1	0.2815	0.2815
27924	68111	Beryllium	1	0.5	0.5
27939	68111	Beryllium	1	0.5	0.5
27962	68111	Beryllium	1	0.807	0.807
28004	68111	Beryllium	1	0.5	0.5
28011	68111	Beryllium	1	0.5	0.5
28019	68111	Beryllium	1	0.3115	0.3115
28020	68111	Beryllium	1	0.5	0.5
28022	68111	Beryllium	1	0.2555	0.2555
28045	68111	Beryllium	1	0.319	0.319
28065	68111	Beryllium	1	0.5	0.5
28072	68111	Beryllium	1	0.5	0.5
28105	68111	Beryllium	1	0.526	0.526
28108	68111	Beryllium	1	0.563	0.563
28144	68111	Beryllium	1	0.279	0.279
28148	68111	Beryllium	1	0.5	0.5
28154	68111	Beryllium	1	0.2765	0.2765
28157	68111	Beryllium	1	0.55	0.55
28185	68111	Beryllium	1	0.55	0.55
28186	68111	Beryllium	1	0.679	0.679
28188	68111	Beryllium	1	0.5	0.5
28218	68111	Beryllium	1	0.675	0.675
28222	68111	Beryllium	1	0.337	0.337
28273	68111	Beryllium	1	0.5	0.5
28284	68111	Beryllium	1	0.5	0.5
28329	68111	Beryllium	1	0.729	0.729
28338	68111	Beryllium	1	0.5	0.5
28375	68111	Beryllium	1	0.5	0.5
28377	68111	Beryllium	1	0.5	0.5
28417	68111	Beryllium	1	0.5	0.5
28423	68111	Beryllium	1	0.65	0.65
28434	68111	Beryllium	1	0.5	0.5
28518	68111	Beryllium	1	0.299	0.299
28544	68111	Beryllium	1	0.5	0.5
28558	68111	Beryllium	1	0.783	0.783
28561	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28573	68111	Beryllium	1	0.5	0.5
28611	68111	Beryllium	1	0.5	0.5
28612	68111	Beryllium	1	0.594	0.594
28618	68111	Beryllium	1	0.5	0.5
28623	68111	Beryllium	1	0.2995	0.2995
28625	68111	Beryllium	1	0.684	0.684
28648	68111	Beryllium	1	0.5	0.5
28661	68111	Beryllium	1	0.2785	0.2785
28688	68111	Beryllium	1	0.5	0.5
28709	68111	Beryllium	1	0.5	0.5
28713	68111	Beryllium	1	0.2875	0.2875
28725	68111	Beryllium	1	0.701	0.701
28730	68111	Beryllium	1	0.707	0.707
28749	68111	Beryllium	1	0.5	0.5
28763	68111	Beryllium	1	0.3685	0.3685
28764	68111	Beryllium	1	0.644	0.644
28766	68111	Beryllium	1	0.5	0.5
28781	68111	Beryllium	1	0.2995	0.2995
28785	68111	Beryllium	1	0.677	0.677
28798	68111	Beryllium	1	0.5	0.5
28799	68111	Beryllium	1	0.597	0.597
28809	68111	Beryllium	1	0.256	0.256
28811	68111	Beryllium	1	0.5	0.5
28819	68111	Beryllium	1	0.5	0.5
28836	68111	Beryllium	1	0.5	0.5
28837	68111	Beryllium	1	0.64	0.64
28841	68111	Beryllium	1	0.718	0.718
28846	68111	Beryllium	1	0.5	0.5
28893	68111	Beryllium	1	0.5	0.5
28909	68111	Beryllium	1	0.689	0.689
28942	68111	Beryllium	1	0.824	0.824
28959	68111	Beryllium	1	0.5	0.5
28963	68111	Beryllium	1	0.28	0.28
28967	68111	Beryllium	1	0.5	0.5
28984	68111	Beryllium	1	0.815	0.815
28991	68111	Beryllium	1	0.636	0.636
29002	68111	Beryllium	1	0.778	0.778
29023	68111	Beryllium	1	0.5	0.5
29033	68111	Beryllium	1	0.5	0.5
29037	68111	Beryllium	1	0.5	0.5
29071	68111	Beryllium	1	0.5	0.5
29090	68111	Beryllium	1	1.43	1.43
29101	68111	Beryllium	1	0.664	0.664
29102	68111	Beryllium	1	0.5	0.5
29105	68111	Beryllium	1	0.5	0.5
29155	68111	Beryllium	1	0.5	0.5
29165	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29175	68111	Beryllium	1	0.5	0.5
29177	68111	Beryllium	1	0.5	0.5
29181	68111	Beryllium	1	0.725	0.725
29204	68111	Beryllium	1	0.5	0.5
29205	68111	Beryllium	1	0.5	0.5
29214	68111	Beryllium	1	0.5	0.5
29220	68111	Beryllium	1	0.646	0.646
29240	68111	Beryllium	1	0.691	0.691
29248	68111	Beryllium	1	0.3265	0.3265
29274	68111	Beryllium	1	0.5	0.5
29285	68111	Beryllium	1	0.296	0.296
29328	68111	Beryllium	1	0.91	0.91
29343	68111	Beryllium	1	0.678	0.678
29354	68111	Beryllium	1	0.2675	0.2675
29358	68111	Beryllium	1	0.5	0.5
29386	68111	Beryllium	1	0.273	0.273
29409	68111	Beryllium	1	0.5	0.5
29431	68111	Beryllium	1	0.65	0.65
29432	68111	Beryllium	1	0.3135	0.3135
29445	68111	Beryllium	1	0.5	0.5
29469	68111	Beryllium	1	0.2945	0.2945
29499	68111	Beryllium	1	0.648	0.648
29552	68111	Beryllium	1	0.685	0.685
29558	68111	Beryllium	1	0.5	0.5
29578	68111	Beryllium	1	0.676	0.676
29608	68111	Beryllium	1	0.326	0.326
29625	68111	Beryllium	1	0.5	0.5
29633	68111	Beryllium	1	0.5	0.5
29671	68111	Beryllium	1	0.359	0.359
29678	68111	Beryllium	1	0.3195	0.3195
29683	68111	Beryllium	1	0.275	0.275
29684	68111	Beryllium	1	0.2595	0.2595
29689	68111	Beryllium	1	0.666	0.666
29717	68111	Beryllium	1	0.5	0.5
29777	68111	Beryllium	1	0.5	0.5
29792	68111	Beryllium	1	0.5	0.5
29806	68111	Beryllium	1	0.31	0.31
29818	68111	Beryllium	1	0.5	0.5
29824	68111	Beryllium	1	0.5	0.5
29826	68111	Beryllium	1	0.5	0.5
29881	68111	Beryllium	1	0.665	0.665
29889	68111	Beryllium	1	0.5	0.5
29910	68111	Beryllium	1	0.5	0.5
29912	68111	Beryllium	1	0.5	0.5
29927	68111	Beryllium	1	0.55	0.55
29953	68111	Beryllium	1	0.5	0.5
29974	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29978	68111	Beryllium	1	0.694	0.694
29991	68111	Beryllium	1	0.5	0.5
29993	68111	Beryllium	1	0.5	0.5
30012	68111	Beryllium	1	0.5	0.5
30045	68111	Beryllium	1	0.581	0.581
30050	68111	Beryllium	1	0.5	0.5
30068	68111	Beryllium	1	0.705	0.705
30078	68111	Beryllium	1	0.708	0.708
30081	68111	Beryllium	1	0.654	0.654
30123	68111	Beryllium	1	1.42	1.42
30130	68111	Beryllium	1	0.2725	0.2725
30133	68111	Beryllium	1	0.5	0.5
30161	68111	Beryllium	1	0.5	0.5
30169	68111	Beryllium	1	0.5	0.5
30171	68111	Beryllium	1	0.5	0.5
30177	68111	Beryllium	1	0.598	0.598
30182	68111	Beryllium	1	0.26	0.26
30201	68111	Beryllium	1	0.5	0.5
30220	68111	Beryllium	1	0.717	0.717
30225	68111	Beryllium	1	0.773	0.773
30244	68111	Beryllium	1	0.5	0.5
30253	68111	Beryllium	1	0.5	0.5
30345	68111	Beryllium	1	0.759	0.759
30347	68111	Beryllium	1	0.5	0.5
30387	68111	Beryllium	1	0.5	0.5
30417	68111	Beryllium	1	0.5	0.5
30420	68111	Beryllium	1	0.5	0.5
30434	68111	Beryllium	1	0.5	0.5
30455	68111	Beryllium	1	0.282	0.282
30462	68111	Beryllium	1	0.939	0.939
30494	68111	Beryllium	1	0.2515	0.2515
30521	68111	Beryllium	1	0.673	0.673
30526	68111	Beryllium	1	0.5	0.5
30536	68111	Beryllium	1	1.19	1.19
30563	68111	Beryllium	1	0.5	0.5
30580	68111	Beryllium	1	0.5	0.5
30625	68111	Beryllium	1	0.644	0.644
30644	68111	Beryllium	1	0.304	0.304
30645	68111	Beryllium	1	0.575	0.575
30683	68111	Beryllium	1	0.5	0.5
30699	68111	Beryllium	1	0.5	0.5
30700	68111	Beryllium	1	0.5	0.5
30714	68111	Beryllium	1	0.629	0.629
30757	68111	Beryllium	1	0.72	0.72
30802	68111	Beryllium	1	0.5	0.5
30813	68111	Beryllium	1	0.5	0.5
30817	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30836	68111	Beryllium	1	0.662	0.662
30841	68111	Beryllium	1	0.674	0.674
30844	68111	Beryllium	1	0.5	0.5
30881	68111	Beryllium	1	0.631	0.631
30888	68111	Beryllium	1	0.2915	0.2915
30918	68111	Beryllium	1	0.2705	0.2705
30927	68111	Beryllium	1	0.5	0.5
30932	68111	Beryllium	1	0.5	0.5
30933	68111	Beryllium	1	0.5	0.5
30939	68111	Beryllium	1	0.55	0.55
30978	68111	Beryllium	1	0.55	0.55
30991	68111	Beryllium	1	0.697	0.697
30995	68111	Beryllium	1	0.55	0.55
30997	68111	Beryllium	1	0.2755	0.2755
31008	68111	Beryllium	1	0.3085	0.3085
31042	68111	Beryllium	1	0.5	0.5
31045	68111	Beryllium	1	0.5	0.5
31046	68111	Beryllium	1	0.5	0.5
31052	68111	Beryllium	1	0.2875	0.2875
31056	68111	Beryllium	1	0.5	0.5
31071	68111	Beryllium	1	0.5	0.5
31074	68111	Beryllium	1	0.5	0.5
31076	68111	Beryllium	1	0.2755	0.2755
31081	68111	Beryllium	1	0.2775	0.2775
31102	68111	Beryllium	1	0.573	0.573
31104	68111	Beryllium	1	0.5	0.5
31120	68111	Beryllium	1	0.5	0.5
31129	68111	Beryllium	1	0.5	0.5
31131	68111	Beryllium	1	0.5	0.5
31141	68111	Beryllium	1	0.5	0.5
31145	68111	Beryllium	1	0.5	0.5
31163	68111	Beryllium	1	0.5	0.5
31171	68111	Beryllium	1	0.5	0.5
31176	68111	Beryllium	1	0.5	0.5
31186	68111	Beryllium	1	0.5	0.5
31189	68111	Beryllium	1	0.5	0.5
31192	68111	Beryllium	1	0.5	0.5
31206	68111	Beryllium	1	0.5	0.5
31229	68111	Beryllium	1	0.5	0.5
31237	68111	Beryllium	1	0.587	0.587
31262	68111	Beryllium	1	0.5	0.5
31300	68111	Beryllium	1	0.3	0.3
31303	68111	Beryllium	1	0.5	0.5
31316	68111	Beryllium	1	0.3055	0.3055
31357	68111	Beryllium	1	0.5	0.5
31360	68111	Beryllium	1	0.5	0.5
31361	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31362	68111	Beryllium	1	0.2735	0.2735
31365	68111	Beryllium	1	0.2815	0.2815
31366	68111	Beryllium	1	0.5	0.5
31377	68111	Beryllium	1	0.5	0.5
31398	68111	Beryllium	1	0.675	0.675
31408	68111	Beryllium	1	0.5	0.5
31433	68111	Beryllium	1	0.3	0.3
31442	68111	Beryllium	1	0.277	0.277
31444	68111	Beryllium	1	0.5	0.5
31457	68111	Beryllium	1	0.316	0.316
31478	68111	Beryllium	1	0.5	0.5
31517	68111	Beryllium	1	0.655	0.655
31583	68111	Beryllium	1	0.5	0.5
31603	68111	Beryllium	1	0.5	0.5
31607	68111	Beryllium	1	0.5	0.5
31615	68111	Beryllium	1	0.659	0.659
31695	68111	Beryllium	1	0.5	0.5
31698	68111	Beryllium	1	0.5	0.5
31733	68111	Beryllium	1	0.5	0.5
31740	68111	Beryllium	1	0.5	0.5
31799	68111	Beryllium	1	0.5	0.5
31803	68111	Beryllium	1	0.5	0.5
31823	68111	Beryllium	1	0.6	0.6
31850	68111	Beryllium	1	0.5	0.5
31853	68111	Beryllium	1	0.5	0.5
31854	68111	Beryllium	1	0.2995	0.2995
31858	68111	Beryllium	1	0.5	0.5
31868	68111	Beryllium	1	0.5	0.5
31871	68111	Beryllium	1	0.5	0.5
31882	68111	Beryllium	1	0.5	0.5
31887	68111	Beryllium	1	0.275	0.275
31896	68111	Beryllium	1	0.5	0.5
31899	68111	Beryllium	1	0.5	0.5
31911	68111	Beryllium	1	0.5	0.5
31925	68111	Beryllium	1	0.5	0.5
31936	68111	Beryllium	1	0.5	0.5
31964	68111	Beryllium	1	0.5	0.5
31965	68111	Beryllium	1	0.5	0.5
31977	68111	Beryllium	1	0.2625	0.2625
31986	68111	Beryllium	1	0.5	0.5
32001	68111	Beryllium	1	0.6	0.6
32016	68111	Beryllium	1	0.5	0.5
32021	68111	Beryllium	1	0.2725	0.2725
32022	68111	Beryllium	1	0.3205	0.3205
32040	68111	Beryllium	1	0.5	0.5
32046	68111	Beryllium	1	0.5	0.5
32049	68111	Beryllium	1	0.55	0.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32070	68111	Beryllium	1	0.5	0.5
32081	68111	Beryllium	1	0.5	0.5
32089	68111	Beryllium	1	0.5	0.5
32092	68111	Beryllium	1	0.6	0.6
32153	68111	Beryllium	1	0.2605	0.2605
32162	68111	Beryllium	1	0.5	0.5
32168	68111	Beryllium	1	0.669	0.669
32208	68111	Beryllium	1	0.261	0.261
32228	68111	Beryllium	1	0.5	0.5
32252	68111	Beryllium	1	0.5	0.5
32256	68111	Beryllium	1	0.769	0.769
32261	68111	Beryllium	1	0.5	0.5
32267	68111	Beryllium	1	0.5	0.5
32276	68111	Beryllium	1	0.2725	0.2725
32277	68111	Beryllium	1	0.697	0.697
32283	68111	Beryllium	1	0.283	0.283
32284	68111	Beryllium	1	0.55	0.55
32287	68111	Beryllium	1	0.5	0.5
32293	68111	Beryllium	1	0.5	0.5
32311	68111	Beryllium	1	0.5	0.5
32316	68111	Beryllium	1	0.5	0.5
32325	68111	Beryllium	1	0.2765	0.2765
32339	68111	Beryllium	1	0.2935	0.2935
32346	68111	Beryllium	1	0.688	0.688
32414	68111	Beryllium	1	0.5	0.5
32418	68111	Beryllium	1	0.5	0.5
32428	68111	Beryllium	1	0.5	0.5
32429	68111	Beryllium	1	0.5	0.5
32441	68111	Beryllium	1	0.5	0.5
32444	68111	Beryllium	1	0.5	0.5
32455	68111	Beryllium	1	0.5	0.5
32456	68111	Beryllium	1	0.5	0.5
32458	68111	Beryllium	1	0.5	0.5
32497	68111	Beryllium	1	0.5	0.5
32502	68111	Beryllium	1	0.668	0.668
32539	68111	Beryllium	1	0.3075	0.3075
32547	68111	Beryllium	1	0.5	0.5
32562	68111	Beryllium	1	0.289	0.289
32581	68111	Beryllium	1	0.5	0.5
32596	68111	Beryllium	1	0.3195	0.3195
32633	68111	Beryllium	1	0.54	0.54
32673	68111	Beryllium	1	0.5	0.5
32678	68111	Beryllium	1	0.5	0.5
32686	68111	Beryllium	1	0.5	0.5
32696	68111	Beryllium	1	0.5	0.5
32702	68111	Beryllium	1	0.5	0.5
32708	68111	Beryllium	1	0.728	0.728

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32736	68111	Beryllium	1	0.3095	0.3095
32775	68111	Beryllium	1	0.5	0.5
32779	68111	Beryllium	1	0.271	0.271
32780	68111	Beryllium	1	0.5	0.5
32783	68111	Beryllium	1	0.2655	0.2655
32818	68111	Beryllium	1	0.36	0.36
32847	68111	Beryllium	1	0.5	0.5
32851	68111	Beryllium	1	0.655	0.655
32852	68111	Beryllium	1	0.5	0.5
32874	68111	Beryllium	1	0.5	0.5
32876	68111	Beryllium	1	0.5	0.5
32891	68111	Beryllium	1	0.5	0.5
32896	68111	Beryllium	1	0.5	0.5
32912	68111	Beryllium	1	0.63	0.63
32914	68111	Beryllium	1	0.55	0.55
32931	68111	Beryllium	1	0.5	0.5
32940	68111	Beryllium	1	0.643	0.643
32949	68111	Beryllium	1	0.5	0.5
32968	68111	Beryllium	1	0.5	0.5
32972	68111	Beryllium	1	0.5	0.5
32973	68111	Beryllium	1	0.5	0.5
32974	68111	Beryllium	1	0.5	0.5
32989	68111	Beryllium	1	0.5	0.5
32992	68111	Beryllium	1	0.622	0.622
33009	68111	Beryllium	1	0.5	0.5
33012	68111	Beryllium	1	0.5	0.5
33014	68111	Beryllium	1	0.5	0.5
33036	68111	Beryllium	1	0.5	0.5
33037	68111	Beryllium	1	0.5	0.5
33042	68111	Beryllium	1	0.756	0.756
33043	68111	Beryllium	1	0.6	0.6
33060	68111	Beryllium	1	0.5	0.5
33062	68111	Beryllium	1	0.5	0.5
33120	68111	Beryllium	1	0.5	0.5
33177	68111	Beryllium	1	0.5	0.5
33207	68111	Beryllium	1	0.665	0.665
33296	68111	Beryllium	1	0.5	0.5
33314	68111	Beryllium	1	0.834	0.834
33317	68111	Beryllium	1	0.5	0.5
33350	68111	Beryllium	1	0.5	0.5
33372	68111	Beryllium	1	0.55	0.55
33392	68111	Beryllium	1	0.5	0.5
33453	68111	Beryllium	1	0.718	0.718
33456	68111	Beryllium	1	0.261	0.261
33480	68111	Beryllium	1	0.718	0.718
33492	68111	Beryllium	1	0.5	0.5
33600	68111	Beryllium	1	0.2785	0.2785

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33607	68111	Beryllium	1	0.5	0.5
33630	68111	Beryllium	1	0.743	0.743
33631	68111	Beryllium	1	0.5	0.5
33647	68111	Beryllium	1	0.5	0.5
33696	68111	Beryllium	1	0.2935	0.2935
33711	68111	Beryllium	1	0.252	0.252
33741	68111	Beryllium	1	0.586	0.586
33772	68111	Beryllium	1	0.268	0.268
33803	68111	Beryllium	1	0.58	0.58
33805	68111	Beryllium	1	0.5	0.5
33806	68111	Beryllium	1	0.5	0.5
33818	68111	Beryllium	1	0.334	0.334
33831	68111	Beryllium	1	0.288	0.288
33833	68111	Beryllium	1	0.63	0.63
33856	68111	Beryllium	1	0.5	0.5
33863	68111	Beryllium	1	0.5	0.5
33875	68111	Beryllium	1	0.5	0.5
33903	68111	Beryllium	1	0.2695	0.2695
33915	68111	Beryllium	1	0.2555	0.2555
33947	68111	Beryllium	1	0.5	0.5
33997	68111	Beryllium	1	0.5	0.5
34037	68111	Beryllium	1	0.278	0.278
34040	68111	Beryllium	1	0.5	0.5
34059	68111	Beryllium	1	0.5	0.5
34060	68111	Beryllium	1	0.5	0.5
34075	68111	Beryllium	1	0.5	0.5
34088	68111	Beryllium	1	0.616	0.616
34126	68111	Beryllium	1	0.5	0.5
34128	68111	Beryllium	1	0.635	0.635
34142	68111	Beryllium	1	0.5	0.5
34173	68111	Beryllium	1	0.2795	0.2795
34179	68111	Beryllium	1	0.5	0.5
34200	68111	Beryllium	1	0.5	0.5
34219	68111	Beryllium	1	0.6	0.6
34222	68111	Beryllium	1	0.5	0.5
34224	68111	Beryllium	1	0.55	0.55
34225	68111	Beryllium	1	0.5	0.5
34247	68111	Beryllium	1	0.5	0.5
34251	68111	Beryllium	1	0.5	0.5
34255	68111	Beryllium	1	0.5	0.5
34257	68111	Beryllium	1	0.5	0.5
34320	68111	Beryllium	1	0.3155	0.3155
34371	68111	Beryllium	1	0.799	0.799
34377	68111	Beryllium	1	0.5	0.5
34387	68111	Beryllium	1	0.2805	0.2805
34396	68111	Beryllium	1	0.55	0.55
34430	68111	Beryllium	1	0.582	0.582

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34444	68111	Beryllium	1	0.5	0.5
34478	68111	Beryllium	1	0.3115	0.3115
34503	68111	Beryllium	1	0.5	0.5
34560	68111	Beryllium	1	0.55	0.55
34562	68111	Beryllium	1	0.5	0.5
34595	68111	Beryllium	1	0.6	0.6
34621	68111	Beryllium	1	0.5	0.5
34626	68111	Beryllium	1	0.5	0.5
34639	68111	Beryllium	1	0.276	0.276
34663	68111	Beryllium	1	0.3085	0.3085
34669	68111	Beryllium	1	0.5	0.5
34691	68111	Beryllium	1	0.621	0.621
34703	68111	Beryllium	1	0.5	0.5
34766	68111	Beryllium	1	0.5	0.5
34778	68111	Beryllium	1	0.5	0.5
34888	68111	Beryllium	1	0.5	0.5
34892	68111	Beryllium	1	0.666	0.666
34904	68111	Beryllium	1	0.2485	0.2485
34917	68111	Beryllium	1	0.5	0.5
34923	68111	Beryllium	1	0.5	0.5
34936	68111	Beryllium	1	0.65	0.65
34948	68111	Beryllium	1	0.5	0.5
34953	68111	Beryllium	1	0.658	0.658
34985	68111	Beryllium	1	0.55	0.55
34993	68111	Beryllium	1	0.2695	0.2695
34999	68111	Beryllium	1	0.288	0.288
35003	68111	Beryllium	1	0.5	0.5
35014	68111	Beryllium	1	0.278	0.278
35042	68111	Beryllium	1	0.55	0.55
35043	68111	Beryllium	1	0.284	0.284
35059	68111	Beryllium	1	0.296	0.296
35072	68111	Beryllium	1	0.2925	0.2925
35095	68111	Beryllium	1	0.5	0.5
35137	68111	Beryllium	1	0.246	0.246
35152	68111	Beryllium	1	0.5	0.5
35223	68111	Beryllium	1	0.5	0.5
35233	68111	Beryllium	1	0.332	0.332
35242	68111	Beryllium	1	0.5	0.5
35252	68111	Beryllium	1	0.2885	0.2885
35273	68111	Beryllium	1	0.5	0.5
35285	68111	Beryllium	1	0.5	0.5
35287	68111	Beryllium	1	0.5	0.5
35288	68111	Beryllium	1	0.3085	0.3085
35290	68111	Beryllium	1	0.647	0.647
35350	68111	Beryllium	1	0.5	0.5
35404	68111	Beryllium	1	0.5	0.5
35417	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35458	68111	Beryllium	1	0.717	0.717
35495	68111	Beryllium	1	0.5	0.5
35503	68111	Beryllium	1	0.5	0.5
35513	68111	Beryllium	1	0.5	0.5
35517	68111	Beryllium	1	0.65	0.65
35536	68111	Beryllium	1	0.5	0.5
35575	68111	Beryllium	1	0.609	0.609
35614	68111	Beryllium	1	0.687	0.687
35619	68111	Beryllium	1	0.599	0.599
35786	68111	Beryllium	1	0.2645	0.2645
35821	68111	Beryllium	1	0.296	0.296
35822	68111	Beryllium	1	0.67	0.67
35826	68111	Beryllium	1	0.5	0.5
35830	68111	Beryllium	1	0.5	0.5
35877	68111	Beryllium	1	0.488	0.488
35921	68111	Beryllium	1	0.5	0.5
35935	68111	Beryllium	1	0.5	0.5
35943	68111	Beryllium	1	0.5	0.5
35947	68111	Beryllium	1	0.5	0.5
35964	68111	Beryllium	1	0.55	0.55
35969	68111	Beryllium	1	0.5	0.5
36000	68111	Beryllium	1	0.5	0.5
36007	68111	Beryllium	1	0.5	0.5
36015	68111	Beryllium	1	0.5	0.5
36024	68111	Beryllium	1	0.5	0.5
36040	68111	Beryllium	1	0.773	0.773
36046	68111	Beryllium	1	0.5	0.5
36072	68111	Beryllium	1	0.5	0.5
36093	68111	Beryllium	1	0.5	0.5
36116	68111	Beryllium	1	0.5	0.5
36138	68111	Beryllium	1	0.5	0.5
36167	68111	Beryllium	1	0.5	0.5
36194	68111	Beryllium	1	0.2655	0.2655
36212	68111	Beryllium	1	0.27	0.27
36238	68111	Beryllium	1	0.544	0.544
36246	68111	Beryllium	1	0.266	0.266
36251	68111	Beryllium	1	0.644	0.644
36257	68111	Beryllium	1	0.5	0.5
36259	68111	Beryllium	1	0.624	0.624
36269	68111	Beryllium	1	0.7	0.7
36325	68111	Beryllium	1	0.2485	0.2485
36356	68111	Beryllium	1	0.2985	0.2985
36408	68111	Beryllium	1	0.627	0.627
36410	68111	Beryllium	1	0.5	0.5
36427	68111	Beryllium	1	0.5	0.5
36464	68111	Beryllium	1	0.291	0.291
36467	68111	Beryllium	1	0.2935	0.2935

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36507	68111	Beryllium	1	0.634	0.634
36557	68111	Beryllium	1	0.741	0.741
36574	68111	Beryllium	1	0.5	0.5
36656	68111	Beryllium	1	0.55	0.55
36679	68111	Beryllium	1	0.6	0.6
36701	68111	Beryllium	1	0.501	0.501
36706	68111	Beryllium	1	0.2605	0.2605
36936	68111	Beryllium	1	0.629	0.629
37023	68111	Beryllium	1	0.5	0.5
37025	68111	Beryllium	1	0.5	0.5
37031	68111	Beryllium	1	0.5	0.5
37036	68111	Beryllium	1	0.55	0.55
37049	68111	Beryllium	1	0.643	0.643
37087	68111	Beryllium	1	0.6	0.6
37097	68111	Beryllium	1	0.55	0.55
37156	68111	Beryllium	1	0.683	0.683
37189	68111	Beryllium	1	0.246	0.246
37193	68111	Beryllium	1	0.685	0.685
37210	68111	Beryllium	1	0.2865	0.2865
37219	68111	Beryllium	1	0.5	0.5
37223	68111	Beryllium	1	0.662	0.662
37226	68111	Beryllium	1	0.5	0.5
37276	68111	Beryllium	1	0.5	0.5
37361	68111	Beryllium	1	0.2635	0.2635
37402	68111	Beryllium	1	0.553	0.553
37465	68111	Beryllium	1	0.266	0.266
37470	68111	Beryllium	1	0.662	0.662
37684	68111	Beryllium	1	0.306	0.306
37738	68111	Beryllium	1	0.586	0.586
37756	68111	Beryllium	1	0.6	0.6
37907	68111	Beryllium	2	0.4455	0.618
37934	68111	Beryllium	1	0.715	0.715
38007	68111	Beryllium	1	0.5	0.5
38054	68111	Beryllium	1	0.5	0.5
38066	68111	Beryllium	1	0.717	0.717
38087	68111	Beryllium	1	0.588	0.588
38202	68111	Beryllium	1	0.294	0.294
38210	68111	Beryllium	1	0.593	0.593
38253	68111	Beryllium	1	0.262	0.262
38261	68111	Beryllium	1	0.5	0.5
38269	68111	Beryllium	1	0.55	0.55
38300	68111	Beryllium	1	0.5	0.5
38363	68111	Beryllium	1	0.278	0.278
38383	68111	Beryllium	1	0.5	0.5
38407	68111	Beryllium	1	0.2585	0.2585
38439	68111	Beryllium	1	0.283	0.283
38446	68111	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38449	68111	Beryllium	1	0.614	0.614
38527	68111	Beryllium	1	0.288	0.288
38585	68111	Beryllium	1	0.6	0.6
38587	68111	Beryllium	1	0.5	0.5
38721	68111	Beryllium	1	0.775	0.775
38724	68111	Beryllium	1	0.2665	0.2665
38759	68111	Beryllium	1	0.3335	0.3335
38780	68111	Beryllium	1	0.5	0.5
38864	68111	Beryllium	1	0.5	0.5
49203	68111	Beryllium	1	0.5	0.5
49313	68111	Beryllium	1	0.5	0.5
49314	68111	Beryllium	1	0.696	0.696
49319	68111	Beryllium	1	0.55	0.55
49341	68111	Beryllium	1	0.256	0.256
49345	68111	Beryllium	1	0.5	0.5
49354	68111	Beryllium	1	0.55	0.55
50024	68111	Beryllium	1	0.631	0.631
50049	68111	Beryllium	1	0.553	0.553
50080	68111	Beryllium	1	0.2805	0.2805
50105	68111	Beryllium	1	0.58	0.58
50107	68111	Beryllium	1	0.5	0.5
50120	68111	Beryllium	1	0.5	0.5
50146	68111	Beryllium	1	0.5	0.5
50356	68111	Beryllium	1	0.5	0.5
50404	68111	Beryllium	1	0.5	0.5
50410	68111	Beryllium	1	0.5	0.5
50417	68111	Beryllium	1	0.5	0.5
50424	68111	Beryllium	1	0.298	0.298
50434	68111	Beryllium	1	0.3255	0.3255
50447	68111	Beryllium	1	0.258	0.258
63239	68111	Beryllium	1	0.55	0.55
63751	68111	Beryllium	1	0.45	0.45
68070	68111	Beryllium	1	0.2915	0.2915
68686	68111	Beryllium	1	0.5	0.5
73862	68111	Beryllium	1	0.6	0.6
74664	68111	Beryllium	1	0.5	0.5
75011	68111	Beryllium	1	0.38	0.38
77146	68111	Beryllium	1	0.5	0.5
79703	68111	Beryllium	1	0.55	0.55
79704	68111	Beryllium	1	0.55	0.55
87761	68111	Beryllium	1	0.296	0.296
89893	68111	Beryllium	1	0.45	0.45
90107	68111	Beryllium	1	0.55	0.55
91234	68111	Beryllium	1	0.55	0.55
91335	68111	Beryllium	1	0.55	0.55
91926	68111	Beryllium	1	0.55	0.55
2269	68112	Beryllium	1	1.03	1.03

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
39755	68112	Beryllium	1	0.5	0.5
39951	68112	Beryllium	1	0.565	0.565
40194	68112	Beryllium	1	0.5	0.5
40523	68112	Beryllium	1	0.2995	0.2995
40879	68112	Beryllium	1	0.629	0.629
2097	68131	Beryllium	1	0.5	0.5
2156	68131	Beryllium	1	0.5	0.5
2165	68131	Beryllium	1	0.5	0.5
5037	68131	Beryllium	1	0.5	0.5
5150	68131	Beryllium	1	0.5	0.5
5153	68131	Beryllium	1	0.5	0.5
5186	68131	Beryllium	1	0.5	0.5
5188	68131	Beryllium	1	0.5	0.5
5195	68131	Beryllium	1	0.5	0.5
5197	68131	Beryllium	1	0.5	0.5
5260	68131	Beryllium	1	0.5	0.5
5272	68131	Beryllium	1	0.5	0.5
5278	68131	Beryllium	1	0.5	0.5
5298	68131	Beryllium	1	0.5	0.5
5377	68131	Beryllium	1	0.485	0.485
5379	68131	Beryllium	1	0.557	0.557
5380	68131	Beryllium	1	0.688	0.688
22856	68131	Beryllium	1	0.5	0.5
23003	68131	Beryllium	1	0.5	0.5
23016	68131	Beryllium	1	0.5	0.5
23028	68131	Beryllium	1	0.5	0.5
23072	68131	Beryllium	1	0.3245	0.3245
23093	68131	Beryllium	1	0.55	0.55
23144	68131	Beryllium	1	0.305	0.305
23145	68131	Beryllium	1	0.55	0.55
23150	68131	Beryllium	1	0.5	0.5
23153	68131	Beryllium	1	0.5	0.5
23211	68131	Beryllium	1	0.63	0.63
23237	68131	Beryllium	1	0.2785	0.2785
23274	68131	Beryllium	1	0.55	0.55
23280	68131	Beryllium	1	0.5	0.5
23301	68131	Beryllium	1	0.5	0.5
23338	68131	Beryllium	1	0.3055	0.3055
23344	68131	Beryllium	1	0.777	0.777
23379	68131	Beryllium	1	0.581	0.581
23399	68131	Beryllium	1	0.272	0.272
23425	68131	Beryllium	1	0.5	0.5
23433	68131	Beryllium	1	0.55	0.55
23442	68131	Beryllium	1	0.2535	0.2535
23460	68131	Beryllium	1	0.5	0.5
23502	68131	Beryllium	1	0.731	0.731
23512	68131	Beryllium	1	0.763	0.763

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23532	68131	Beryllium	1	0.5	0.5
23537	68131	Beryllium	1	1.33	1.33
23539	68131	Beryllium	1	0.6	0.6
23577	68131	Beryllium	1	0.2575	0.2575
23580	68131	Beryllium	1	0.5	0.5
23584	68131	Beryllium	1	0.5	0.5
23586	68131	Beryllium	1	0.5	0.5
23611	68131	Beryllium	1	0.294	0.294
23634	68131	Beryllium	1	0.5	0.5
23673	68131	Beryllium	1	0.5	0.5
23675	68131	Beryllium	1	0.2795	0.2795
23700	68131	Beryllium	1	0.5	0.5
23742	68131	Beryllium	1	0.6	0.6
23786	68131	Beryllium	1	0.55	0.55
23788	68131	Beryllium	1	0.5	0.5
23790	68131	Beryllium	1	0.2575	0.2575
23817	68131	Beryllium	1	0.5	0.5
23822	68131	Beryllium	1	0.5	0.5
23824	68131	Beryllium	1	0.672	0.672
23845	68131	Beryllium	1	0.5	0.5
23872	68131	Beryllium	1	0.5	0.5
23895	68131	Beryllium	1	0.5	0.5
23899	68131	Beryllium	1	0.5	0.5
23922	68131	Beryllium	1	0.62	0.62
23930	68131	Beryllium	1	0.594	0.594
23961	68131	Beryllium	1	0.5	0.5
23967	68131	Beryllium	1	0.2815	0.2815
23968	68131	Beryllium	1	0.663	0.663
23985	68131	Beryllium	1	0.5	0.5
23986	68131	Beryllium	1	1.21	1.21
24000	68131	Beryllium	1	0.5	0.5
24010	68131	Beryllium	1	0.5	0.5
24019	68131	Beryllium	1	0.5	0.5
24027	68131	Beryllium	1	0.5	0.5
24098	68131	Beryllium	1	0.5	0.5
24109	68131	Beryllium	1	0.5	0.5
24119	68131	Beryllium	1	0.639	0.639
24126	68131	Beryllium	1	0.5	0.5
24132	68131	Beryllium	1	0.339	0.339
24141	68131	Beryllium	1	0.5	0.5
24156	68131	Beryllium	1	0.5	0.5
24162	68131	Beryllium	1	0.5	0.5
24182	68131	Beryllium	1	0.835	0.835
24190	68131	Beryllium	1	0.583	0.583
24214	68131	Beryllium	1	0.5	0.5
24240	68131	Beryllium	1	0.5	0.5
24272	68131	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24274	68131	Beryllium	1	0.5	0.5
24277	68131	Beryllium	1	0.5	0.5
24334	68131	Beryllium	1	0.5	0.5
24348	68131	Beryllium	1	0.5	0.5
24357	68131	Beryllium	1	0.5	0.5
24358	68131	Beryllium	1	0.5	0.5
24367	68131	Beryllium	1	0.5	0.5
24370	68131	Beryllium	1	0.5	0.5
24374	68131	Beryllium	1	0.5	0.5
24376	68131	Beryllium	1	0.633	0.633
24390	68131	Beryllium	1	0.5	0.5
24396	68131	Beryllium	1	0.55	0.55
24411	68131	Beryllium	1	0.301	0.301
24451	68131	Beryllium	1	0.2905	0.2905
24457	68131	Beryllium	1	0.284	0.284
24577	68131	Beryllium	1	0.5	0.5
24601	68131	Beryllium	1	0.5	0.5
24605	68131	Beryllium	1	0.56	0.56
24635	68131	Beryllium	1	0.5	0.5
24640	68131	Beryllium	1	0.2755	0.2755
24655	68131	Beryllium	1	0.2985	0.2985
24674	68131	Beryllium	1	0.5	0.5
24692	68131	Beryllium	1	0.5	0.5
24693	68131	Beryllium	1	0.577	0.577
24703	68131	Beryllium	1	0.5	0.5
24740	68131	Beryllium	1	0.31	0.31
24751	68131	Beryllium	1	0.5	0.5
24757	68131	Beryllium	1	0.5	0.5
24768	68131	Beryllium	1	0.55	0.55
24776	68131	Beryllium	1	0.2765	0.2765
24794	68131	Beryllium	1	0.5	0.5
24800	68131	Beryllium	1	0.5	0.5
24808	68131	Beryllium	1	0.5	0.5
24887	68131	Beryllium	1	0.5	0.5
24896	68131	Beryllium	1	0.5	0.5
24931	68131	Beryllium	1	0.5	0.5
24958	68131	Beryllium	1	0.5	0.5
24962	68131	Beryllium	1	0.667	0.667
24964	68131	Beryllium	1	0.732	0.732
25005	68131	Beryllium	1	0.5	0.5
25009	68131	Beryllium	1	0.5	0.5
25061	68131	Beryllium	1	0.647	0.647
25063	68131	Beryllium	1	0.736	0.736
25078	68131	Beryllium	1	0.661	0.661
25096	68131	Beryllium	1	0.629	0.629
25130	68131	Beryllium	1	0.5	0.5
25133	68131	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25137	68131	Beryllium	1	0.5	0.5
25167	68131	Beryllium	1	0.274	0.274
25185	68131	Beryllium	1	0.5	0.5
25189	68131	Beryllium	1	0.5	0.5
25193	68131	Beryllium	1	0.5	0.5
25202	68131	Beryllium	1	0.266	0.266
25204	68131	Beryllium	1	0.72	0.72
25231	68131	Beryllium	1	0.5	0.5
25242	68131	Beryllium	1	0.5	0.5
25281	68131	Beryllium	1	0.637	0.637
25285	68131	Beryllium	1	0.5	0.5
25296	68131	Beryllium	1	0.692	0.692
25315	68131	Beryllium	1	0.59	0.59
25324	68131	Beryllium	1	0.282	0.282
25329	68131	Beryllium	1	0.5	0.5
25331	68131	Beryllium	1	0.5	0.5
25335	68131	Beryllium	1	0.5	0.5
25337	68131	Beryllium	1	0.5	0.5
25385	68131	Beryllium	1	0.617	0.617
25391	68131	Beryllium	1	0.5	0.5
25410	68131	Beryllium	1	0.5	0.5
25425	68131	Beryllium	1	0.5	0.5
25456	68131	Beryllium	1	0.5	0.5
25547	68131	Beryllium	1	0.281	0.281
25554	68131	Beryllium	1	0.73	0.73
25558	68131	Beryllium	1	0.5	0.5
25579	68131	Beryllium	1	0.303	0.303
25604	68131	Beryllium	1	0.595	0.595
25607	68131	Beryllium	1	0.6	0.6
25634	68131	Beryllium	1	0.5	0.5
25657	68131	Beryllium	1	0.5	0.5
50446	68131	Beryllium	1	0.5	0.5
89514	68131	Beryllium	1	0.55	0.55
93114	68131	Beryllium	1	0.55	0.55
93413	68131	Beryllium	1	0.5	0.5
93419	68131	Beryllium	1	0.5	0.5
5139	68132	Beryllium	1	0.5	0.5
5140	68132	Beryllium	1	0.5	0.5
5313	68132	Beryllium	1	0.5	0.5
5317	68132	Beryllium	1	0.5	0.5
49490	68132	Beryllium	1	0.5	0.5
49500	68132	Beryllium	1	0.5	0.5
49505	68132	Beryllium	1	0.2865	0.2865
49521	68132	Beryllium	1	0.5	0.5
49544	68132	Beryllium	1	0.582	0.582
49558	68132	Beryllium	1	0.5	0.5
49578	68132	Beryllium	1	0.2865	0.2865

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49618	68132	Beryllium	1	0.5	0.5
49625	68132	Beryllium	1	0.262	0.262
49627	68132	Beryllium	1	0.658	0.658
49628	68132	Beryllium	1	0.55	0.55
49642	68132	Beryllium	1	0.2925	0.2925
49663	68132	Beryllium	1	0.2735	0.2735
49671	68132	Beryllium	1	0.606	0.606
49672	68132	Beryllium	1	0.5	0.5
49676	68132	Beryllium	1	0.674	0.674
49678	68132	Beryllium	1	0.2805	0.2805
49682	68132	Beryllium	1	0.5	0.5
49697	68132	Beryllium	1	0.2785	0.2785
49701	68132	Beryllium	1	0.5	0.5
49704	68132	Beryllium	1	0.55	0.55
49716	68132	Beryllium	1	0.5	0.5
49717	68132	Beryllium	1	0.55	0.55
49724	68132	Beryllium	1	0.299	0.299
49725	68132	Beryllium	1	0.2985	0.2985
49726	68132	Beryllium	1	0.5	0.5
49727	68132	Beryllium	1	0.3125	0.3125
49736	68132	Beryllium	1	0.5	0.5
49739	68132	Beryllium	1	0.5	0.5
49759	68132	Beryllium	1	0.5	0.5
49760	68132	Beryllium	1	0.5	0.5
49774	68132	Beryllium	1	0.3175	0.3175
49781	68132	Beryllium	1	0.368	0.368
49783	68132	Beryllium	1	0.2805	0.2805
49793	68132	Beryllium	1	0.5	0.5
49800	68132	Beryllium	1	0.244	0.244
49806	68132	Beryllium	1	0.527	0.527
49812	68132	Beryllium	1	0.2805	0.2805
49819	68132	Beryllium	1	0.741	0.741
49833	68132	Beryllium	1	0.2875	0.2875
49846	68132	Beryllium	1	0.2895	0.2895
49852	68132	Beryllium	1	0.514	0.514
49853	68132	Beryllium	1	0.602	0.602
49855	68132	Beryllium	1	0.727	0.727
49863	68132	Beryllium	1	0.282	0.282
49884	68132	Beryllium	1	0.749	0.749
49892	68132	Beryllium	1	0.3045	0.3045
49902	68132	Beryllium	1	0.311	0.311
49907	68132	Beryllium	1	0.298	0.298
49911	68132	Beryllium	1	0.2735	0.2735
49913	68132	Beryllium	1	0.664	0.664
49918	68132	Beryllium	1	0.5	0.5
49922	68132	Beryllium	1	0.2845	0.2845
49929	68132	Beryllium	1	0.273	0.273

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49931	68132	Beryllium	1	0.3135	0.3135
49936	68132	Beryllium	1	0.5	0.5
49941	68132	Beryllium	1	0.5	0.5
49943	68132	Beryllium	1	0.5	0.5
49953	68132	Beryllium	1	0.572	0.572
49956	68132	Beryllium	1	0.293	0.293
49958	68132	Beryllium	1	0.3115	0.3115
49961	68132	Beryllium	1	0.29	0.29
49971	68132	Beryllium	1	0.698	0.698
49974	68132	Beryllium	1	0.5	0.5
49986	68132	Beryllium	1	0.723	0.723
49994	68132	Beryllium	1	0.5	0.5
49995	68132	Beryllium	1	0.5	0.5
50479	68132	Beryllium	1	0.5	0.5
50484	68132	Beryllium	1	0.5	0.5
50485	68132	Beryllium	1	0.5	0.5
50536	68132	Beryllium	1	0.285	0.285
51190	68132	Beryllium	1	0.5	0.5
51214	68132	Beryllium	1	0.5	0.5
51217	68132	Beryllium	1	0.5	0.5
51225	68132	Beryllium	1	0.285	0.285
51228	68132	Beryllium	1	0.5	0.5
51234	68132	Beryllium	1	0.5	0.5
51256	68132	Beryllium	1	0.5	0.5
51263	68132	Beryllium	1	0.5	0.5
51270	68132	Beryllium	1	0.5	0.5
51278	68132	Beryllium	1	0.2975	0.2975
51280	68132	Beryllium	1	0.2725	0.2725
51327	68132	Beryllium	1	0.5	0.5
51349	68132	Beryllium	1	0.2405	0.2405
51361	68132	Beryllium	1	0.639	0.639
51369	68132	Beryllium	1	0.262	0.262
51381	68132	Beryllium	1	0.45	0.45
51391	68132	Beryllium	1	0.5	0.5
51392	68132	Beryllium	1	0.697	0.697
51394	68132	Beryllium	1	0.687	0.687
51401	68132	Beryllium	1	0.5	0.5
51412	68132	Beryllium	1	0.45	0.45
51437	68132	Beryllium	1	0.805	0.805
51440	68132	Beryllium	1	0.5	0.5
51457	68132	Beryllium	1	0.315	0.315
51483	68132	Beryllium	1	0.59	0.59
51492	68132	Beryllium	1	0.653	0.653
51504	68132	Beryllium	1	0.5	0.5
51512	68132	Beryllium	1	0.5	0.5
51519	68132	Beryllium	1	0.722	0.722
51525	68132	Beryllium	1	0.55	0.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51544	68132	Beryllium	1	0.55	0.55
51546	68132	Beryllium	1	0.5	0.5
51551	68132	Beryllium	1	0.5	0.5
51569	68132	Beryllium	1	0.5	0.5
51587	68132	Beryllium	1	0.671	0.671
51588	68132	Beryllium	1	0.5	0.5
51598	68132	Beryllium	1	0.726	0.726
51600	68132	Beryllium	1	0.2915	0.2915
51607	68132	Beryllium	1	0.5	0.5
51630	68132	Beryllium	1	0.5	0.5
51640	68132	Beryllium	1	0.2595	0.2595
51645	68132	Beryllium	1	0.676	0.676
51646	68132	Beryllium	1	0.766	0.766
51659	68132	Beryllium	1	0.749	0.749
51667	68132	Beryllium	1	1	1
51671	68132	Beryllium	1	0.301	0.301
51676	68132	Beryllium	1	0.5	0.5
51705	68132	Beryllium	1	0.5	0.5
51706	68132	Beryllium	1	0.623	0.623
51708	68132	Beryllium	1	0.5	0.5
51710	68132	Beryllium	1	0.55	0.55
51712	68132	Beryllium	1	0.65	0.65
51735	68132	Beryllium	1	0.5	0.5
51750	68132	Beryllium	1	0.5	0.5
51752	68132	Beryllium	1	0.5	0.5
51767	68132	Beryllium	1	0.5	0.5
51769	68132	Beryllium	1	0.2985	0.2985
51779	68132	Beryllium	1	0.5	0.5
51780	68132	Beryllium	1	0.5	0.5
51785	68132	Beryllium	1	0.5	0.5
51790	68132	Beryllium	1	0.2845	0.2845
51800	68132	Beryllium	1	0.5	0.5
51803	68132	Beryllium	1	0.5	0.5
51805	68132	Beryllium	1	0.5	0.5
51807	68132	Beryllium	1	0.5	0.5
51808	68132	Beryllium	1	0.5	0.5
51820	68132	Beryllium	1	0.5	0.5
51829	68132	Beryllium	1	0.5	0.5
51840	68132	Beryllium	1	0.5	0.5
51844	68132	Beryllium	1	0.6	0.6
51846	68132	Beryllium	1	0.5	0.5
51847	68132	Beryllium	1	0.5	0.5
51854	68132	Beryllium	1	0.686	0.686
51855	68132	Beryllium	1	0.5	0.5
51857	68132	Beryllium	1	0.5	0.5
51861	68132	Beryllium	1	0.5	0.5
51863	68132	Beryllium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51866	68132	Beryllium	1	0.3025	0.3025
51872	68132	Beryllium	1	0.5	0.5
51897	68132	Beryllium	1	0.5	0.5
51918	68132	Beryllium	1	0.278	0.278
51921	68132	Beryllium	1	0.554	0.554
51938	68132	Beryllium	1	0.3035	0.3035
51946	68132	Beryllium	1	0.55	0.55
51949	68132	Beryllium	1	0.5	0.5
51959	68132	Beryllium	1	0.498	0.498
51960	68132	Beryllium	1	0.55	0.55
51972	68132	Beryllium	1	0.5	0.5
51990	68132	Beryllium	1	0.55	0.55
51997	68132	Beryllium	1	0.5	0.5
52023	68132	Beryllium	1	0.5	0.5
52035	68132	Beryllium	1	0.5	0.5
52046	68132	Beryllium	1	0.5	0.5
52054	68132	Beryllium	1	0.5	0.5
52059	68132	Beryllium	1	0.45	0.45
52075	68132	Beryllium	1	0.278	0.278
52078	68132	Beryllium	1	0.639	0.639
52080	68132	Beryllium	1	0.677	0.677
52085	68132	Beryllium	1	0.697	0.697
52090	68132	Beryllium	1	0.727	0.727
52091	68132	Beryllium	1	0.5	0.5
52097	68132	Beryllium	1	0.759	0.759
52101	68132	Beryllium	1	0.602	0.602
52106	68132	Beryllium	1	0.5	0.5
52112	68132	Beryllium	1	0.2665	0.2665
52119	68132	Beryllium	1	0.5	0.5
52122	68132	Beryllium	1	0.45	0.45
52128	68132	Beryllium	1	0.6	0.6
52129	68132	Beryllium	1	0.5	0.5
52137	68132	Beryllium	1	0.714	0.714
52140	68132	Beryllium	1	0.728	0.728
52141	68132	Beryllium	1	0.5	0.5
52150	68132	Beryllium	1	0.633	0.633
52155	68132	Beryllium	2	0.55	0.55
52158	68132	Beryllium	1	0.5	0.5
52166	68132	Beryllium	1	0.5	0.5
52167	68132	Beryllium	1	0.2645	0.2645
52177	68132	Beryllium	1	0.5	0.5
52178	68132	Beryllium	1	0.5	0.5
52181	68132	Beryllium	1	0.5	0.5
52186	68132	Beryllium	1	0.5	0.5
52187	68132	Beryllium	1	0.5	0.5
52190	68132	Beryllium	1	0.652	0.652
52192	68132	Beryllium	1	0.55	0.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52198	68132	Beryllium	1	0.45	0.45
52202	68132	Beryllium	1	0.2725	0.2725
52206	68132	Beryllium	1	0.5	0.5
52214	68132	Beryllium	1	0.694	0.694
52226	68132	Beryllium	1	0.5	0.5
52228	68132	Beryllium	1	0.667	0.667
52243	68132	Beryllium	1	0.5	0.5
52244	68132	Beryllium	1	0.5	0.5
52246	68132	Beryllium	1	0.558	0.558
52327	68132	Beryllium	1	0.5	0.5
52336	68132	Beryllium	1	0.5	0.5
52356	68132	Beryllium	1	0.5	0.5
52357	68132	Beryllium	1	0.65	0.65
52367	68132	Beryllium	1	0.298	0.298
52378	68132	Beryllium	1	0.631	0.631
52386	68132	Beryllium	1	0.6	0.6
52387	68132	Beryllium	1	0.2725	0.2725
52411	68132	Beryllium	1	0.664	0.664
63007	68132	Beryllium	1	0.5	0.5
66781	68132	Beryllium	1	0.55	0.55
66791	68132	Beryllium	1	0.45	0.45
92431	68132	Beryllium	1	0.6	0.6
2133	68104	Bismuth	1	2.5	2.5
5026	68104	Bismuth	1	2.5	2.5
5143	68104	Bismuth	1	2.5	2.5
5144	68104	Bismuth	1	2.5	2.5
5145	68104	Bismuth	1	2.5	2.5
5147	68104	Bismuth	1	2.5	2.5
2229	68105	Bismuth	1	2.5	2.5
5054	68105	Bismuth	1	2.5	2.5
5057	68105	Bismuth	1	2.5	2.5
5105	68105	Bismuth	1	2.5	2.5
5109	68105	Bismuth	1	2.5	2.5
5110	68105	Bismuth	1	2.5	2.5
5112	68105	Bismuth	1	2.5	2.5
5117	68105	Bismuth	1	2.5	2.5
5123	68105	Bismuth	1	2.5	2.5
5128	68105	Bismuth	1	2.5	2.5
5129	68105	Bismuth	1	2.5	2.5
5132	68105	Bismuth	1	2.5	2.5
5134	68105	Bismuth	1	2.5	2.5
2030	68107	Bismuth	1	2.5	2.5
2038	68107	Bismuth	1	2.5	2.5
2104	68107	Bismuth	1	2.5	2.5
2124	68107	Bismuth	1	2.5	2.5
2167	68107	Bismuth	1	2.5	2.5
2206	68107	Bismuth	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2252	68107	Bismuth	1	2.5	2.5
2273	68107	Bismuth	1	2.5	2.5
3003	68107	Bismuth	1	2.5	2.5
3021	68107	Bismuth	1	2.5	2.5
5066	68107	Bismuth	1	2.5	2.5
5076	68107	Bismuth	1	2.5	2.5
5130	68107	Bismuth	1	2.5	2.5
5157	68107	Bismuth	1	2.5	2.5
5159	68107	Bismuth	1	2.5	2.5
5161	68107	Bismuth	1	2.5	2.5
5163	68107	Bismuth	1	2.5	2.5
5165	68107	Bismuth	1	2.5	2.5
5166	68107	Bismuth	1	2.5	2.5
5172	68107	Bismuth	1	2.5	2.5
5176	68107	Bismuth	1	2.5	2.5
5178	68107	Bismuth	1	2.5	2.5
5180	68107	Bismuth	1	2.5	2.5
5182	68107	Bismuth	1	2.5	2.5
5183	68107	Bismuth	1	2.5	2.5
5185	68107	Bismuth	1	2.5	2.5
5211	68107	Bismuth	1	2.5	2.5
5212	68107	Bismuth	1	2.5	2.5
2170	68108	Bismuth	1	2.5	2.5
5225	68108	Bismuth	1	2.5	2.5
5227	68108	Bismuth	1	2.5	2.5
5229	68108	Bismuth	1	2.5	2.5
5284	68108	Bismuth	1	2.5	2.5
5300	68108	Bismuth	1	2.5	2.5
5304	68108	Bismuth	1	2.5	2.5
5306	68108	Bismuth	1	2.5	2.5
2069	68110	Bismuth	1	2.5	2.5
2354	68110	Bismuth	1	2.5	2.5
5258	68110	Bismuth	1	2.5	2.5
2035	68111	Bismuth	1	2.5	2.5
2075	68111	Bismuth	1	2.5	2.5
2103	68111	Bismuth	1	2.5	2.5
2109	68111	Bismuth	1	2.5	2.5
2121	68111	Bismuth	1	2.5	2.5
2126	68111	Bismuth	1	2.5	2.5
2154	68111	Bismuth	1	2.5	2.5
2179	68111	Bismuth	1	2.5	2.5
2216	68111	Bismuth	1	2.5	2.5
2225	68111	Bismuth	1	2.5	2.5
2231	68111	Bismuth	1	2.5	2.5
2262	68111	Bismuth	1	2.5	2.5
5013	68111	Bismuth	1	2.5	2.5
5085	68111	Bismuth	1	2.5	2.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5170	68111	Bismuth	1	2.5	2.5
5171	68111	Bismuth	1	2.5	2.5
5204	68111	Bismuth	1	2.5	2.5
5206	68111	Bismuth	1	2.5	2.5
5208	68111	Bismuth	1	2.5	2.5
5215	68111	Bismuth	1	2.5	2.5
5221	68111	Bismuth	1	2.5	2.5
5230	68111	Bismuth	1	2.5	2.5
5232	68111	Bismuth	1	2.5	2.5
5234	68111	Bismuth	1	2.5	2.5
5236	68111	Bismuth	1	2.5	2.5
5238	68111	Bismuth	1	2.5	2.5
5240	68111	Bismuth	1	2.5	2.5
5242	68111	Bismuth	1	2.5	2.5
5246	68111	Bismuth	1	2.5	2.5
5288	68111	Bismuth	1	2.5	2.5
5296	68111	Bismuth	1	2.5	2.5
2269	68112	Bismuth	1	2.5	2.5
2097	68131	Bismuth	1	2.5	2.5
2156	68131	Bismuth	1	2.5	2.5
5037	68131	Bismuth	1	2.5	2.5
5150	68131	Bismuth	1	2.5	2.5
5153	68131	Bismuth	1	2.5	2.5
5186	68131	Bismuth	1	2.5	2.5
5188	68131	Bismuth	1	2.5	2.5
5195	68131	Bismuth	1	2.5	2.5
5197	68131	Bismuth	1	2.5	2.5
5260	68131	Bismuth	1	2.5	2.5
5272	68131	Bismuth	1	2.5	2.5
5278	68131	Bismuth	1	2.5	2.5
5298	68131	Bismuth	1	2.5	2.5
5139	68132	Bismuth	1	2.5	2.5
5140	68132	Bismuth	1	2.5	2.5
5313	68132	Bismuth	1	2.5	2.5
5317	68132	Bismuth	1	2.5	2.5
22493	68102	Cadmium	1	3.59	3.59
25567	68102	Cadmium	1	1.86	1.86
25717	68102	Cadmium	1	0.3095	0.3095
25720	68102	Cadmium	1	3.06	3.06
25914	68102	Cadmium	1	0.819	0.819
90101	68102	Cadmium	1	4.2	4.2
2133	68104	Cadmium	1	0.5	0.5
5026	68104	Cadmium	1	0.5	0.5
5143	68104	Cadmium	1	0.5	0.5
5144	68104	Cadmium	1	0.5	0.5
5145	68104	Cadmium	1	0.5	0.5
5147	68104	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50647	68104	Cadmium	1	0.747	0.747
1626	68105	Cadmium	1	1.35	1.35
2229	68105	Cadmium	1	0.5	0.5
2299	68105	Cadmium	1	0.879	0.879
2300	68105	Cadmium	1	0.764	0.764
2308	68105	Cadmium	1	1.14	1.14
2441	68105	Cadmium	1	3.06	3.06
2448	68105	Cadmium	1	0.74	0.74
2465	68105	Cadmium	1	1.05	1.05
3076	68105	Cadmium	1	0.595	0.595
3118	68105	Cadmium	1	0.549	0.549
5054	68105	Cadmium	1	1.13	1.13
5057	68105	Cadmium	1	0.5	0.5
5105	68105	Cadmium	1	1.25	1.25
5109	68105	Cadmium	1	1.52	1.52
5110	68105	Cadmium	1	1.24	1.24
5112	68105	Cadmium	1	1.44	1.44
5117	68105	Cadmium	1	1.25	1.25
5123	68105	Cadmium	1	1.19	1.19
5128	68105	Cadmium	1	0.5	0.5
5129	68105	Cadmium	1	2.48	2.48
5132	68105	Cadmium	1	0.5	0.5
5134	68105	Cadmium	1	0.5	0.5
5325	68105	Cadmium	1	0.93	0.93
5338	68105	Cadmium	1	1.22	1.22
5347	68105	Cadmium	1	1.22	1.22
5351	68105	Cadmium	1	0.128	0.128
5352	68105	Cadmium	1	1.47	1.47
5355	68105	Cadmium	1	2.02	2.02
5356	68105	Cadmium	1	1.01	1.01
5357	68105	Cadmium	1	1.52	1.52
5359	68105	Cadmium	1	1.05	1.05
5361	68105	Cadmium	1	0.672	0.672
5363	68105	Cadmium	1	1.28	1.28
5364	68105	Cadmium	1	4.86	4.86
5365	68105	Cadmium	1	0.883	0.883
5367	68105	Cadmium	1	1.39	1.39
5486	68105	Cadmium	1	0.829	0.829
5488	68105	Cadmium	1	0.697	0.697
5489	68105	Cadmium	1	2.02	2.02
5495	68105	Cadmium	1	1.63	1.63
5509	68105	Cadmium	1	0.698	0.698
5610	68105	Cadmium	1	1.33	1.33
12784	68105	Cadmium	1	0.5	0.5
12864	68105	Cadmium	1	0.55	0.55
12875	68105	Cadmium	1	0.435	0.435
12886	68105	Cadmium	1	0.866	0.866

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12964	68105	Cadmium	1	0.5	0.5
12995	68105	Cadmium	1	3.75	3.75
13069	68105	Cadmium	1	0.5	0.5
13073	68105	Cadmium	1	0.59	0.59
13092	68105	Cadmium	1	0.2845	0.2845
13166	68105	Cadmium	1	0.5	0.5
13185	68105	Cadmium	1	0.82	0.82
13187	68105	Cadmium	1	2	2
13191	68105	Cadmium	1	1.62	1.62
13204	68105	Cadmium	1	3.08	3.08
13209	68105	Cadmium	1	0.5	0.5
13237	68105	Cadmium	1	0.775	0.775
13240	68105	Cadmium	1	0.5	0.5
13245	68105	Cadmium	1	0.5	0.5
13248	68105	Cadmium	1	0.595	0.595
13273	68105	Cadmium	1	1.28	1.28
13283	68105	Cadmium	1	0.2525	0.2525
13322	68105	Cadmium	1	1.57975	1.57975
13336	68105	Cadmium	1	1.19	1.19
13370	68105	Cadmium	1	0.3285	0.3285
13381	68105	Cadmium	1	3.5	3.5
13389	68105	Cadmium	1	1.11	1.11
13403	68105	Cadmium	1	1.29	1.29
13437	68105	Cadmium	1	0.5	0.5
13438	68105	Cadmium	1	0.257	0.257
13460	68105	Cadmium	1	0.5	0.5
13476	68105	Cadmium	1	0.798	0.798
13573	68105	Cadmium	1	0.5	0.5
13577	68105	Cadmium	1	2.56	2.56
13611	68105	Cadmium	1	0.5	0.5
13656	68105	Cadmium	1	1.04	1.04
13690	68105	Cadmium	1	0.5	0.5
13731	68105	Cadmium	1	1.19	1.19
13735	68105	Cadmium	1	0.5	0.5
13741	68105	Cadmium	1	1.06	1.06
13745	68105	Cadmium	1	1.21	1.21
13779	68105	Cadmium	1	1.18	1.18
13790	68105	Cadmium	1	0.275	0.275
13791	68105	Cadmium	1	1.55	1.55
13793	68105	Cadmium	1	0.5	0.5
13851	68105	Cadmium	1	0.283	0.283
13863	68105	Cadmium	1	3	3
13869	68105	Cadmium	1	0.2805	0.2805
13871	68105	Cadmium	1	0.5	0.5
13880	68105	Cadmium	1	1.07	1.07
13918	68105	Cadmium	1	0.5	0.5
13919	68105	Cadmium	1	0.301	0.301

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13935	68105	Cadmium	1	1.12	1.12
13984	68105	Cadmium	1	2.48	2.48
14003	68105	Cadmium	1	1.16	1.16
14024	68105	Cadmium	1	2.19	2.19
14050	68105	Cadmium	1	1.31	1.31
14063	68105	Cadmium	1	0.5	0.5
14080	68105	Cadmium	1	1.01	1.01
14098	68105	Cadmium	1	0.5	0.5
14199	68105	Cadmium	1	0.5	0.5
14238	68105	Cadmium	1	1.27	1.27
14322	68105	Cadmium	1	0.5	0.5
14326	68105	Cadmium	1	0.5	0.5
14341	68105	Cadmium	1	0.3245	0.3245
14407	68105	Cadmium	1	1	1
14410	68105	Cadmium	1	0.5	0.5
14460	68105	Cadmium	1	1.49	1.49
14492	68105	Cadmium	1	0.272	0.272
14525	68105	Cadmium	1	1.48	1.48
14528	68105	Cadmium	1	1.05	1.05
14536	68105	Cadmium	1	0.665	0.665
14544	68105	Cadmium	1	3.6	3.6
14556	68105	Cadmium	1	0.5	0.5
14557	68105	Cadmium	1	0.251	0.251
14577	68105	Cadmium	1	3.1	3.1
14602	68105	Cadmium	1	1.09	1.09
14647	68105	Cadmium	1	1.07	1.07
14656	68105	Cadmium	1	0.55	0.55
14688	68105	Cadmium	1	0.5	0.5
14718	68105	Cadmium	1	0.5	0.5
14739	68105	Cadmium	1	0.2745	0.2745
14752	68105	Cadmium	1	3.17	3.17
14780	68105	Cadmium	1	3.3	3.3
14817	68105	Cadmium	1	0.57	0.57
14823	68105	Cadmium	1	0.5	0.5
14860	68105	Cadmium	1	0.5	0.5
14885	68105	Cadmium	1	0.5	0.5
14913	68105	Cadmium	1	0.5	0.5
14959	68105	Cadmium	1	0.5	0.5
14964	68105	Cadmium	1	1.4	1.4
14976	68105	Cadmium	1	0.55	0.55
14992	68105	Cadmium	1	1.29	1.29
15003	68105	Cadmium	1	1.745	1.745
15044	68105	Cadmium	1	1.11	1.11
15045	68105	Cadmium	1	1.68	1.68
15058	68105	Cadmium	1	1.25	1.25
15060	68105	Cadmium	1	0.5	0.5
15091	68105	Cadmium	1	3.4	3.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15106	68105	Cadmium	1	2.34	2.34
15166	68105	Cadmium	1	1.45	1.45
15227	68105	Cadmium	1	0.472	0.472
15231	68105	Cadmium	1	0.2735	0.2735
15255	68105	Cadmium	1	0.5	0.5
15278	68105	Cadmium	1	0.558	0.558
15279	68105	Cadmium	1	1.41	1.41
15292	68105	Cadmium	1	0.2935	0.2935
15299	68105	Cadmium	1	0.262	0.262
15308	68105	Cadmium	1	1.4	1.4
15317	68105	Cadmium	1	0.2905	0.2905
15329	68105	Cadmium	1	0.403	0.403
15336	68105	Cadmium	1	0.2435	0.2435
15348	68105	Cadmium	1	3.65	3.65
15363	68105	Cadmium	1	0.5	0.5
15372	68105	Cadmium	1	1.3	1.3
15416	68105	Cadmium	2	2.215	3.06
15496	68105	Cadmium	1	1.24	1.24
15519	68105	Cadmium	1	2.92	2.92
15526	68105	Cadmium	1	2.24	2.24
15577	68105	Cadmium	1	2.95	2.95
15587	68105	Cadmium	1	0.505	0.505
15611	68105	Cadmium	1	5.6	5.6
15651	68105	Cadmium	1	0.5	0.5
15686	68105	Cadmium	1	2.8	2.8
15695	68105	Cadmium	1	0.5	0.5
15728	68105	Cadmium	1	2.4	2.4
15801	68105	Cadmium	1	4.2	4.2
15835	68105	Cadmium	1	0.715	0.715
15842	68105	Cadmium	1	2.6	2.6
15871	68105	Cadmium	1	0.5	0.5
15891	68105	Cadmium	1	0.6	0.6
15918	68105	Cadmium	1	0.5	0.5
15959	68105	Cadmium	1	0.5	0.5
15985	68105	Cadmium	1	0.55	0.55
15988	68105	Cadmium	1	1.4	1.4
16027	68105	Cadmium	1	0.5	0.5
16072	68105	Cadmium	1	1.2	1.2
16094	68105	Cadmium	1	1.3	1.3
16098	68105	Cadmium	1	2.33	2.33
16123	68105	Cadmium	1	1.06	1.06
16155	68105	Cadmium	1	1.8	1.8
16169	68105	Cadmium	1	0.5	0.5
16182	68105	Cadmium	1	0.5	0.5
16186	68105	Cadmium	1	0.67	0.67
16230	68105	Cadmium	1	1.1	1.1
16236	68105	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16243	68105	Cadmium	1	1.12	1.12
16271	68105	Cadmium	1	2.5	2.5
16308	68105	Cadmium	1	0.55	0.55
16309	68105	Cadmium	1	0.5	0.5
16321	68105	Cadmium	1	1.55	1.55
16333	68105	Cadmium	1	0.5	0.5
16364	68105	Cadmium	1	0.724	0.724
16365	68105	Cadmium	1	1.28	1.28
16384	68105	Cadmium	1	1.9	1.9
16395	68105	Cadmium	1	1.46	1.46
16420	68105	Cadmium	1	1.46	1.46
16472	68105	Cadmium	1	1.21	1.21
16473	68105	Cadmium	1	0.63	0.63
16478	68105	Cadmium	1	1.56	1.56
16486	68105	Cadmium	1	1.07	1.07
16499	68105	Cadmium	1	2.82	2.82
16545	68105	Cadmium	1	0.5	0.5
16572	68105	Cadmium	1	1.11	1.11
16589	68105	Cadmium	1	2.5	2.5
16618	68105	Cadmium	1	1.38	1.38
16646	68105	Cadmium	1	0.5	0.5
16668	68105	Cadmium	1	0.772	0.772
16749	68105	Cadmium	1	0.5	0.5
16772	68105	Cadmium	1	1.01	1.01
16777	68105	Cadmium	1	0.32	0.32
16793	68105	Cadmium	1	0.55	0.55
16851	68105	Cadmium	1	0.5	0.5
16866	68105	Cadmium	1	1.29	1.29
16869	68105	Cadmium	1	0.5	0.5
16889	68105	Cadmium	1	0.5	0.5
16893	68105	Cadmium	1	2.13	2.13
16922	68105	Cadmium	1	2.7	2.7
16928	68105	Cadmium	1	2.04	2.04
16946	68105	Cadmium	1	3.76	3.76
16963	68105	Cadmium	1	1.26	1.26
16974	68105	Cadmium	1	1.21	1.21
17040	68105	Cadmium	1	5.45	5.45
17055	68105	Cadmium	1	1.5	1.5
17065	68105	Cadmium	1	0.722	0.722
17076	68105	Cadmium	1	1.5	1.5
17097	68105	Cadmium	1	0.5	0.5
17108	68105	Cadmium	1	1.7	1.7
17142	68105	Cadmium	1	0.5	0.5
17179	68105	Cadmium	1	1.46	1.46
17198	68105	Cadmium	1	1.37	1.37
17199	68105	Cadmium	1	0.5	0.5
17270	68105	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17298	68105	Cadmium	1	1.59	1.59
17300	68105	Cadmium	1	0.5	0.5
17348	68105	Cadmium	1	2.16	2.16
17374	68105	Cadmium	1	5.9	5.9
17379	68105	Cadmium	1	1.15	1.15
17542	68105	Cadmium	1	2.67	2.67
17557	68105	Cadmium	1	1.19	1.19
17719	68105	Cadmium	1	0.339	0.339
17725	68105	Cadmium	1	1.39	1.39
17745	68105	Cadmium	1	0.635	0.635
17753	68105	Cadmium	1	0.5	0.5
17802	68105	Cadmium	1	0.5	0.5
17803	68105	Cadmium	1	0.255	0.255
17827	68105	Cadmium	1	1.41	1.41
17876	68105	Cadmium	1	0.5	0.5
17899	68105	Cadmium	1	0.2465	0.2465
17918	68105	Cadmium	1	1.19	1.19
17934	68105	Cadmium	1	0.57	0.57
17935	68105	Cadmium	1	0.69	0.69
18036	68105	Cadmium	1	0.2925	0.2925
18133	68105	Cadmium	1	0.5	0.5
18147	68105	Cadmium	1	1.83	1.83
18177	68105	Cadmium	1	0.244	0.244
18187	68105	Cadmium	1	1.09	1.09
18189	68105	Cadmium	1	0.5	0.5
18281	68105	Cadmium	1	0.95	0.95
18321	68105	Cadmium	1	0.282	0.282
18349	68105	Cadmium	1	2.62	2.62
18452	68105	Cadmium	1	0.5	0.5
18453	68105	Cadmium	1	0.5	0.5
18469	68105	Cadmium	1	2.04	2.04
18499	68105	Cadmium	1	0.412	0.412
18561	68105	Cadmium	1	3.4	3.4
18573	68105	Cadmium	1	1.48	1.48
18598	68105	Cadmium	1	4.64	4.64
18610	68105	Cadmium	1	0.5	0.5
18654	68105	Cadmium	1	0.5	0.5
18661	68105	Cadmium	1	1.06	1.06
18673	68105	Cadmium	1	1.37	1.37
18676	68105	Cadmium	1	0.5	0.5
18693	68105	Cadmium	1	0.55	0.55
18757	68105	Cadmium	1	0.5	0.5
18787	68105	Cadmium	1	0.5	0.5
18797	68105	Cadmium	1	0.5	0.5
18825	68105	Cadmium	1	1.52	1.52
18839	68105	Cadmium	1	0.2565	0.2565
18871	68105	Cadmium	1	0.2505	0.2505

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18882	68105	Cadmium	1	1.64	1.64
18898	68105	Cadmium	1	0.968	0.968
18927	68105	Cadmium	1	1.89	1.89
18934	68105	Cadmium	1	1.44	1.44
19015	68105	Cadmium	1	1.47	1.47
19028	68105	Cadmium	1	1.24	1.24
19127	68105	Cadmium	1	1.26	1.26
19129	68105	Cadmium	1	1.66	1.66
19169	68105	Cadmium	1	1.5	1.5
19288	68105	Cadmium	1	1.6	1.6
19310	68105	Cadmium	1	2.52	2.52
19334	68105	Cadmium	1	1.57	1.57
19344	68105	Cadmium	1	1.16	1.16
19448	68105	Cadmium	1	0.5	0.5
19485	68105	Cadmium	1	0.845	0.845
19489	68105	Cadmium	1	0.5	0.5
19496	68105	Cadmium	1	1.4	1.4
19561	68105	Cadmium	1	1.87	1.87
19602	68105	Cadmium	1	0.5	0.5
19612	68105	Cadmium	1	2.32	2.32
19655	68105	Cadmium	1	1.5	1.5
19671	68105	Cadmium	1	1.21	1.21
19676	68105	Cadmium	1	0.5	0.5
19728	68105	Cadmium	1	1.26	1.26
19729	68105	Cadmium	1	2.01	2.01
19768	68105	Cadmium	1	1.25	1.25
19787	68105	Cadmium	1	4.26	4.26
19791	68105	Cadmium	1	1.72	1.72
19812	68105	Cadmium	1	0.63	0.63
19831	68105	Cadmium	1	6	6
19839	68105	Cadmium	1	0.5	0.5
19858	68105	Cadmium	1	1.28	1.28
19864	68105	Cadmium	1	2.07	2.07
19915	68105	Cadmium	1	0.295	0.295
19923	68105	Cadmium	1	1.31	1.31
19932	68105	Cadmium	1	1.23	1.23
19938	68105	Cadmium	1	1.38	1.38
19972	68105	Cadmium	1	1.96	1.96
19976	68105	Cadmium	1	1.3	1.3
19987	68105	Cadmium	1	1.09	1.09
20069	68105	Cadmium	1	0.5	0.5
20080	68105	Cadmium	1	0.5	0.5
20105	68105	Cadmium	1	1.82	1.82
20110	68105	Cadmium	1	1.09	1.09
20128	68105	Cadmium	1	2.44	2.44
20170	68105	Cadmium	1	1.82	1.82
20218	68105	Cadmium	1	1.07	1.07

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20236	68105	Cadmium	1	0.5	0.5
20313	68105	Cadmium	1	0.5	0.5
20315	68105	Cadmium	1	0.5	0.5
20342	68105	Cadmium	1	0.5	0.5
20420	68105	Cadmium	1	0.55	0.55
20426	68105	Cadmium	1	1.5	1.5
20452	68105	Cadmium	1	0.5	0.5
20470	68105	Cadmium	1	1.79	1.79
20471	68105	Cadmium	1	0.752	0.752
20477	68105	Cadmium	1	0.2935	0.2935
20506	68105	Cadmium	1	0.5	0.5
20510	68105	Cadmium	1	0.5	0.5
20535	68105	Cadmium	1	0.5	0.5
20545	68105	Cadmium	1	1.94	1.94
20557	68105	Cadmium	1	1.39	1.39
20584	68105	Cadmium	1	0.3005	0.3005
20590	68105	Cadmium	1	1.91	1.91
20603	68105	Cadmium	1	0.2585	0.2585
20610	68105	Cadmium	1	1.46	1.46
20612	68105	Cadmium	1	1.75	1.75
20656	68105	Cadmium	1	0.5	0.5
20674	68105	Cadmium	1	3.87	3.87
20685	68105	Cadmium	1	1.39	1.39
20702	68105	Cadmium	1	0.5	0.5
20759	68105	Cadmium	1	1.5	1.5
20777	68105	Cadmium	1	0.7	0.7
20823	68105	Cadmium	1	0.5	0.5
20845	68105	Cadmium	1	0.5	0.5
20856	68105	Cadmium	1	1.06	1.06
20883	68105	Cadmium	1	1.66	1.66
20908	68105	Cadmium	1	1.9	1.9
20925	68105	Cadmium	1	0.6	0.6
20945	68105	Cadmium	1	0.5	0.5
20961	68105	Cadmium	1	1.61	1.61
20964	68105	Cadmium	1	0.5	0.5
21005	68105	Cadmium	1	0.2705	0.2705
21012	68105	Cadmium	1	1.6	1.6
21019	68105	Cadmium	1	0.988	0.988
21053	68105	Cadmium	1	0.685	0.685
21064	68105	Cadmium	1	2.32	2.32
21068	68105	Cadmium	1	0.99	0.99
21079	68105	Cadmium	1	0.5	0.5
21097	68105	Cadmium	1	2.25	2.25
21110	68105	Cadmium	1	0.364	0.364
21136	68105	Cadmium	1	2.59	2.59
21143	68105	Cadmium	1	1.78	1.78
21148	68105	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21150	68105	Cadmium	1	0.5	0.5
21265	68105	Cadmium	1	2.1	2.1
21268	68105	Cadmium	1	1.54	1.54
21283	68105	Cadmium	1	1.67	1.67
21309	68105	Cadmium	1	0.277	0.277
21336	68105	Cadmium	1	1.21	1.21
21355	68105	Cadmium	1	1.34	1.34
21390	68105	Cadmium	1	0.5	0.5
21394	68105	Cadmium	1	0.31	0.31
21436	68105	Cadmium	1	0.5	0.5
21454	68105	Cadmium	1	0.5	0.5
21490	68105	Cadmium	1	0.56	0.56
21498	68105	Cadmium	1	0.5	0.5
21513	68105	Cadmium	1	2.63	2.63
21535	68105	Cadmium	1	1.94	1.94
21551	68105	Cadmium	1	0.5	0.5
21560	68105	Cadmium	1	1.47	1.47
21565	68105	Cadmium	1	0.5	0.5
21578	68105	Cadmium	1	3.05	3.05
21609	68105	Cadmium	1	0.5	0.5
21614	68105	Cadmium	1	2.68	2.68
21625	68105	Cadmium	1	0.5	0.5
21653	68105	Cadmium	1	0.727	0.727
21677	68105	Cadmium	1	1.31	1.31
21689	68105	Cadmium	1	0.5	0.5
21705	68105	Cadmium	1	1.6	1.6
21714	68105	Cadmium	1	1.09	1.09
21720	68105	Cadmium	1	2.86	2.86
21724	68105	Cadmium	1	1.16	1.16
21730	68105	Cadmium	1	4.7	4.7
21744	68105	Cadmium	1	1.2	1.2
21811	68105	Cadmium	1	1.66	1.66
21815	68105	Cadmium	1	5.1	5.1
21822	68105	Cadmium	1	0.55	0.55
21836	68105	Cadmium	1	0.5	0.5
21881	68105	Cadmium	1	0.2905	0.2905
21884	68105	Cadmium	1	0.5	0.5
21901	68105	Cadmium	1	1.33	1.33
21916	68105	Cadmium	1	1.25	1.25
21925	68105	Cadmium	1	0.2615	0.2615
21941	68105	Cadmium	1	0.6	0.6
21956	68105	Cadmium	1	1.69	1.69
21981	68105	Cadmium	1	0.55	0.55
21985	68105	Cadmium	1	0.5	0.5
21989	68105	Cadmium	1	1.83	1.83
22006	68105	Cadmium	1	1.34	1.34
22013	68105	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22024	68105	Cadmium	1	1.74	1.74
22025	68105	Cadmium	1	0.6	0.6
22027	68105	Cadmium	1	1.27	1.27
22034	68105	Cadmium	1	0.55	0.55
22036	68105	Cadmium	1	0.5	0.5
22039	68105	Cadmium	1	1.23	1.23
22044	68105	Cadmium	1	0.5	0.5
22046	68105	Cadmium	1	1.98	1.98
22056	68105	Cadmium	1	1.65	1.65
22061	68105	Cadmium	1	1.7	1.7
22074	68105	Cadmium	1	2.16	2.16
22079	68105	Cadmium	1	0.5	0.5
22080	68105	Cadmium	1	1.1	1.1
22177	68105	Cadmium	1	0.5	0.5
22181	68105	Cadmium	1	0.875	0.875
22183	68105	Cadmium	1	0.92	0.92
22230	68105	Cadmium	1	1.62	1.62
22273	68105	Cadmium	1	0.5	0.5
22295	68105	Cadmium	1	0.5	0.5
22320	68105	Cadmium	1	0.595	0.595
22344	68105	Cadmium	1	0.5	0.5
22358	68105	Cadmium	1	1.53	1.53
22386	68105	Cadmium	1	1.67	1.67
22399	68105	Cadmium	1	0.5	0.5
22405	68105	Cadmium	1	2.74	2.74
22453	68105	Cadmium	1	2.22	2.22
22563	68105	Cadmium	1	1.76	1.76
22574	68105	Cadmium	1	3.23	3.23
22636	68105	Cadmium	1	0.5	0.5
22715	68105	Cadmium	1	2.4	2.4
22716	68105	Cadmium	1	2.4	2.4
22754	68105	Cadmium	1	1.77	1.77
22772	68105	Cadmium	1	1.84	1.84
22832	68105	Cadmium	1	0.2655	0.2655
49272	68105	Cadmium	1	1.08	1.08
49289	68105	Cadmium	1	0.5	0.5
50528	68105	Cadmium	1	0.486	0.486
50574	68105	Cadmium	1	3.1	3.1
90427	68105	Cadmium	1	4.8	4.8
93120	68105	Cadmium	1	4.8	4.8
93354	68105	Cadmium	1	4.3	4.3
93358	68105	Cadmium	1	4	4
93364	68105	Cadmium	1	4.7	4.7
93381	68105	Cadmium	1	5.7	5.7
51011	68106	Cadmium	1	7.7	7.7
51029	68106	Cadmium	1	0.605	0.605
51034	68106	Cadmium	1	0.67	0.67

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51037	68106	Cadmium	1	0.5	0.5
51041	68106	Cadmium	1	0.5	0.5
51046	68106	Cadmium	1	0.535	0.535
51047	68106	Cadmium	1	0.5	0.5
51052	68106	Cadmium	1	1.5	1.5
51058	68106	Cadmium	1	0.5	0.5
51064	68106	Cadmium	1	0.5	0.5
51065	68106	Cadmium	1	1.42	1.42
51079	68106	Cadmium	1	0.66	0.66
51080	68106	Cadmium	1	1.6	1.6
51082	68106	Cadmium	1	2.9	2.9
51089	68106	Cadmium	1	3.3	3.3
51093	68106	Cadmium	1	0.3865	0.3865
51101	68106	Cadmium	1	0.775	0.775
51102	68106	Cadmium	1	0.745	0.745
51113	68106	Cadmium	1	0.5	0.5
51116	68106	Cadmium	1	0.5	0.5
51118	68106	Cadmium	1	2.1	2.1
51120	68106	Cadmium	1	0.5	0.5
51123	68106	Cadmium	1	0.525	0.525
51126	68106	Cadmium	1	1.2	1.2
51127	68106	Cadmium	1	0.555	0.555
51132	68106	Cadmium	1	0.595	0.595
51133	68106	Cadmium	1	0.973	0.973
51143	68106	Cadmium	1	0.635	0.635
51155	68106	Cadmium	1	0.6	0.6
51158	68106	Cadmium	1	0.5	0.5
51160	68106	Cadmium	1	0.4045	0.4045
51162	68106	Cadmium	1	0.59	0.59
51184	68106	Cadmium	1	0.655	0.655
2030	68107	Cadmium	1	1.3	1.3
2038	68107	Cadmium	1	0.5	0.5
2056	68107	Cadmium	1	0.5	0.5
2104	68107	Cadmium	1	1.01	1.01
2124	68107	Cadmium	1	0.5	0.5
2167	68107	Cadmium	1	0.5	0.5
2206	68107	Cadmium	1	1.68	1.68
2220	68107	Cadmium	1	3.8	3.8
2252	68107	Cadmium	1	0.5	0.5
2273	68107	Cadmium	1	2.7	2.7
2292	68107	Cadmium	1	0.669	0.669
2496	68107	Cadmium	1	1.05	1.05
2499	68107	Cadmium	1	2.24	2.24
3003	68107	Cadmium	1	0.5	0.5
3021	68107	Cadmium	1	1.63	1.63
3074	68107	Cadmium	1	0.644	0.644
3121	68107	Cadmium	1	0.972	0.972

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5066	68107	Cadmium	1	0.5	0.5
5076	68107	Cadmium	1	1.66	1.66
5130	68107	Cadmium	1	1.03	1.03
5157	68107	Cadmium	1	1.44	1.44
5159	68107	Cadmium	1	1.14	1.14
5161	68107	Cadmium	1	0.5	0.5
5163	68107	Cadmium	1	0.5	0.5
5165	68107	Cadmium	1	1.72	1.72
5166	68107	Cadmium	1	1.45	1.45
5172	68107	Cadmium	1	1.93	1.93
5176	68107	Cadmium	1	0.5	0.5
5178	68107	Cadmium	1	0.5	0.5
5180	68107	Cadmium	1	1.3	1.3
5182	68107	Cadmium	1	0.5	0.5
5183	68107	Cadmium	1	0.5	0.5
5185	68107	Cadmium	1	0.5	0.5
5211	68107	Cadmium	1	0.5	0.5
5212	68107	Cadmium	1	0.5	0.5
10008	68107	Cadmium	1	1.84	1.84
10018	68107	Cadmium	1	1.55	1.55
10044	68107	Cadmium	1	0.282	0.282
10046	68107	Cadmium	1	6.8	6.8
10072	68107	Cadmium	1	1.68	1.68
10073	68107	Cadmium	1	0.5	0.5
10088	68107	Cadmium	1	0.5	0.5
10095	68107	Cadmium	1	0.5	0.5
10111	68107	Cadmium	1	3.21	3.21
10130	68107	Cadmium	1	1.91	1.91
10134	68107	Cadmium	1	0.5	0.5
10214	68107	Cadmium	1	0.565	0.565
10241	68107	Cadmium	1	1.32	1.32
10290	68107	Cadmium	1	0.58	0.58
10295	68107	Cadmium	1	1.33	1.33
10299	68107	Cadmium	1	1.99	1.99
10310	68107	Cadmium	1	2.15	2.15
10328	68107	Cadmium	1	0.5	0.5
10329	68107	Cadmium	1	1.76	1.76
10387	68107	Cadmium	1	2.11	2.11
10401	68107	Cadmium	2	1.05	1.6
10403	68107	Cadmium	1	0.293	0.293
10425	68107	Cadmium	1	0.866	0.866
10432	68107	Cadmium	1	0.5	0.5
10455	68107	Cadmium	1	1.04	1.04
10458	68107	Cadmium	1	0.5	0.5
10468	68107	Cadmium	1	0.5	0.5
10471	68107	Cadmium	1	0.755	0.755
10484	68107	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10492	68107	Cadmium	1	0.5	0.5
10500	68107	Cadmium	1	1.14	1.14
10508	68107	Cadmium	1	1.6	1.6
10513	68107	Cadmium	1	1.59	1.59
10538	68107	Cadmium	1	1.5	1.5
10543	68107	Cadmium	1	1.41	1.41
10548	68107	Cadmium	1	1.32	1.32
10578	68107	Cadmium	1	2.38	2.38
10582	68107	Cadmium	1	0.5	0.5
10622	68107	Cadmium	1	0.5	0.5
10633	68107	Cadmium	1	0.5	0.5
10650	68107	Cadmium	1	0.725	0.725
10654	68107	Cadmium	1	0.5	0.5
10662	68107	Cadmium	1	0.254	0.254
10670	68107	Cadmium	1	0.5	0.5
10687	68107	Cadmium	1	1.39	1.39
10707	68107	Cadmium	1	0.5	0.5
10720	68107	Cadmium	1	1.91	1.91
10735	68107	Cadmium	1	1.2	1.2
10738	68107	Cadmium	1	0.5	0.5
10794	68107	Cadmium	1	3.38	3.38
10814	68107	Cadmium	1	0.5	0.5
10822	68107	Cadmium	1	1.71	1.71
10831	68107	Cadmium	1	1.99	1.99
10834	68107	Cadmium	1	1.21	1.21
10842	68107	Cadmium	1	0.5	0.5
10848	68107	Cadmium	1	0.486	0.486
10858	68107	Cadmium	1	0.5	0.5
10860	68107	Cadmium	1	0.765	0.765
10870	68107	Cadmium	1	2.51	2.51
10876	68107	Cadmium	1	1.6	1.6
10877	68107	Cadmium	1	0.78	0.78
10880	68107	Cadmium	1	1.3	1.3
10895	68107	Cadmium	1	0.5	0.5
10909	68107	Cadmium	1	0.994	0.994
10914	68107	Cadmium	1	0.685	0.685
10920	68107	Cadmium	1	0.4505	0.4505
10925	68107	Cadmium	1	1.39	1.39
10931	68107	Cadmium	1	0.256	0.256
10938	68107	Cadmium	1	0.2575	0.2575
10944	68107	Cadmium	1	1.31	1.31
10947	68107	Cadmium	1	0.5	0.5
10950	68107	Cadmium	1	0.5	0.5
10965	68107	Cadmium	1	1.8	1.8
10970	68107	Cadmium	1	0.5	0.5
10990	68107	Cadmium	1	2.92	2.92
10991	68107	Cadmium	1	1.85	1.85

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11036	68107	Cadmium	1	0.565	0.565
11069	68107	Cadmium	1	0.5	0.5
11070	68107	Cadmium	1	0.5	0.5
11082	68107	Cadmium	1	1.24	1.24
11094	68107	Cadmium	1	1.13	1.13
11107	68107	Cadmium	1	0.5	0.5
11118	68107	Cadmium	1	1.27	1.27
11142	68107	Cadmium	1	2.12	2.12
11155	68107	Cadmium	1	1.2	1.2
11172	68107	Cadmium	1	0.5	0.5
11179	68107	Cadmium	1	1.26	1.26
11191	68107	Cadmium	1	1.39	1.39
11194	68107	Cadmium	1	0.5	0.5
11203	68107	Cadmium	1	2.4	2.4
11208	68107	Cadmium	1	0.5	0.5
11222	68107	Cadmium	1	1.2	1.2
11230	68107	Cadmium	1	0.303	0.303
11232	68107	Cadmium	1	0.5	0.5
11233	68107	Cadmium	1	0.5	0.5
11246	68107	Cadmium	1	0.5	0.5
11258	68107	Cadmium	1	0.98	0.98
11268	68107	Cadmium	1	0.5	0.5
11272	68107	Cadmium	1	0.251	0.251
11283	68107	Cadmium	1	0.702	0.702
11303	68107	Cadmium	1	2.93	2.93
11309	68107	Cadmium	1	0.5	0.5
11312	68107	Cadmium	1	0.5	0.5
11321	68107	Cadmium	1	0.734	0.734
11343	68107	Cadmium	1	6.8	6.8
11349	68107	Cadmium	1	0.2605	0.2605
11367	68107	Cadmium	1	0.745	0.745
11372	68107	Cadmium	1	2.94	2.94
11385	68107	Cadmium	1	1.6	1.6
11387	68107	Cadmium	1	0.5	0.5
11400	68107	Cadmium	1	2.36	2.36
11403	68107	Cadmium	1	1.39	1.39
11408	68107	Cadmium	1	0.55	0.55
11410	68107	Cadmium	1	0.5	0.5
11416	68107	Cadmium	1	2.21	2.21
11423	68107	Cadmium	1	0.5	0.5
11439	68107	Cadmium	1	0.95	0.95
11444	68107	Cadmium	1	1.195	1.195
11449	68107	Cadmium	1	0.5	0.5
11465	68107	Cadmium	1	1.1	1.1
11469	68107	Cadmium	1	1.65	1.65
11491	68107	Cadmium	1	1.4	1.4
11494	68107	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11523	68107	Cadmium	1	0.5	0.5
11552	68107	Cadmium	1	0.979	0.979
11558	68107	Cadmium	1	0.5	0.5
11568	68107	Cadmium	1	0.5	0.5
11599	68107	Cadmium	1	0.5	0.5
11601	68107	Cadmium	1	1.5	1.5
11603	68107	Cadmium	1	1.1	1.1
11604	68107	Cadmium	1	0.5	0.5
11609	68107	Cadmium	1	0.5	0.5
11614	68107	Cadmium	1	2	2
11661	68107	Cadmium	1	0.5	0.5
11686	68107	Cadmium	1	0.5	0.5
11711	68107	Cadmium	1	1.46	1.46
11741	68107	Cadmium	1	0.5	0.5
11754	68107	Cadmium	1	2.27	2.27
11765	68107	Cadmium	1	0.5	0.5
11777	68107	Cadmium	1	1.36	1.36
11807	68107	Cadmium	1	0.2335	0.2335
11829	68107	Cadmium	1	3.6	3.6
11842	68107	Cadmium	1	1.01	1.01
11865	68107	Cadmium	1	3.91	3.91
11894	68107	Cadmium	1	0.943	0.943
11902	68107	Cadmium	1	0.55	0.55
11910	68107	Cadmium	1	0.5	0.5
11941	68107	Cadmium	1	0.862	0.862
11960	68107	Cadmium	1	0.5	0.5
11982	68107	Cadmium	1	5.7	5.7
12002	68107	Cadmium	1	1.15	1.15
12009	68107	Cadmium	1	0.5	0.5
12012	68107	Cadmium	1	3.6	3.6
12037	68107	Cadmium	1	2.38	2.38
12047	68107	Cadmium	1	1.2	1.2
12086	68107	Cadmium	1	2.9	2.9
12114	68107	Cadmium	1	0.5	0.5
12116	68107	Cadmium	1	0.97	0.97
12118	68107	Cadmium	1	0.5	0.5
12124	68107	Cadmium	1	0.2925	0.2925
12126	68107	Cadmium	1	0.5	0.5
12152	68107	Cadmium	1	0.5	0.5
12166	68107	Cadmium	1	1	1
12194	68107	Cadmium	1	1.7	1.7
12206	68107	Cadmium	1	0.525	0.525
12220	68107	Cadmium	1	1.38	1.38
12227	68107	Cadmium	2	2.075	3.65
12239	68107	Cadmium	1	3.81	3.81
12290	68107	Cadmium	1	0.4465	0.4465
12296	68107	Cadmium	1	1.38	1.38

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12338	68107	Cadmium	1	1.1	1.1
12344	68107	Cadmium	1	1.61	1.61
12351	68107	Cadmium	1	0.5	0.5
12372	68107	Cadmium	1	1.03	1.03
12388	68107	Cadmium	1	2.02	2.02
12407	68107	Cadmium	1	0.5	0.5
12410	68107	Cadmium	1	0.5	0.5
12414	68107	Cadmium	1	4.08	4.08
12424	68107	Cadmium	1	1.7	1.7
12439	68107	Cadmium	1	1.2	1.2
12449	68107	Cadmium	1	0.2575	0.2575
12457	68107	Cadmium	1	5.9	5.9
12506	68107	Cadmium	1	1.07	1.07
12514	68107	Cadmium	1	0.5	0.5
12529	68107	Cadmium	1	2.74	2.74
12530	68107	Cadmium	1	0.5	0.5
12547	68107	Cadmium	1	0.5	0.5
12551	68107	Cadmium	1	0.5	0.5
12567	68107	Cadmium	1	1.6	1.6
12572	68107	Cadmium	1	1.43	1.43
12588	68107	Cadmium	1	0.5	0.5
12590	68107	Cadmium	1	0.359	0.359
12605	68107	Cadmium	1	1.08	1.08
12644	68107	Cadmium	1	1.26	1.26
12667	68107	Cadmium	1	1	1
12714	68107	Cadmium	1	0.746	0.746
12729	68107	Cadmium	1	0.5	0.5
12741	68107	Cadmium	1	1.05	1.05
12755	68107	Cadmium	1	0.2485	0.2485
12761	68107	Cadmium	1	0.86	0.86
12794	68107	Cadmium	1	2.26	2.26
12830	68107	Cadmium	1	0.85	0.85
12848	68107	Cadmium	1	8.57	8.57
12858	68107	Cadmium	1	0.281	0.281
12871	68107	Cadmium	1	4.1	4.1
13038	68107	Cadmium	1	4.1	4.1
13045	68107	Cadmium	1	0.68	0.68
43676	68107	Cadmium	1	0.5	0.5
43691	68107	Cadmium	1	0.5	0.5
43698	68107	Cadmium	1	0.281	0.281
43703	68107	Cadmium	1	0.5	0.5
43711	68107	Cadmium	1	0.2975	0.2975
43729	68107	Cadmium	1	1.11	1.11
43736	68107	Cadmium	1	3.76	3.76
43744	68107	Cadmium	1	0.2885	0.2885
43746	68107	Cadmium	1	0.5	0.5
43771	68107	Cadmium	1	0.894	0.894

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
43790	68107	Cadmium	1	0.2995	0.2995
43793	68107	Cadmium	1	3.1	3.1
43800	68107	Cadmium	1	0.5	0.5
43813	68107	Cadmium	1	0.4285	0.4285
43843	68107	Cadmium	1	0.55	0.55
43853	68107	Cadmium	1	0.681	0.681
43869	68107	Cadmium	1	0.55	0.55
43874	68107	Cadmium	1	2.07	2.07
43892	68107	Cadmium	1	0.5	0.5
43912	68107	Cadmium	1	0.4265	0.4265
43933	68107	Cadmium	1	0.321	0.321
43942	68107	Cadmium	1	1.11	1.11
43945	68107	Cadmium	1	0.88	0.88
43949	68107	Cadmium	1	1.83	1.83
43962	68107	Cadmium	1	1.37	1.37
43978	68107	Cadmium	1	2.71	2.71
44002	68107	Cadmium	1	0.53	0.53
44025	68107	Cadmium	1	0.5	0.5
44037	68107	Cadmium	1	0.704	0.704
44047	68107	Cadmium	1	0.628	0.628
44063	68107	Cadmium	1	0.606	0.606
44066	68107	Cadmium	1	0.5	0.5
44076	68107	Cadmium	1	1.14	1.14
44104	68107	Cadmium	1	2.27	2.27
44107	68107	Cadmium	1	2.9	2.9
44112	68107	Cadmium	1	1.32	1.32
44127	68107	Cadmium	1	0.871	0.871
44130	68107	Cadmium	1	5.1	5.1
44133	68107	Cadmium	1	3.8	3.8
44137	68107	Cadmium	1	4.02	4.02
44145	68107	Cadmium	1	1.47	1.47
44153	68107	Cadmium	1	1.46	1.46
44157	68107	Cadmium	1	0.635	0.635
44177	68107	Cadmium	1	0.63	0.63
44184	68107	Cadmium	1	2.9	2.9
44185	68107	Cadmium	1	0.782	0.782
44198	68107	Cadmium	1	2.7	2.7
44202	68107	Cadmium	1	2.3	2.3
44220	68107	Cadmium	1	0.865	0.865
44225	68107	Cadmium	1	2.6	2.6
44233	68107	Cadmium	1	0.649	0.649
44236	68107	Cadmium	1	2.69	2.69
44237	68107	Cadmium	1	0.749	0.749
44248	68107	Cadmium	1	2.08	2.08
44299	68107	Cadmium	1	1.75	1.75
44319	68107	Cadmium	1	0.5	0.5
44348	68107	Cadmium	1	0.808	0.808

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44416	68107	Cadmium	1	1.68	1.68
44446	68107	Cadmium	1	2.25	2.25
44452	68107	Cadmium	1	0.384	0.384
44455	68107	Cadmium	1	1.51	1.51
44456	68107	Cadmium	1	0.275	0.275
44465	68107	Cadmium	1	0.781	0.781
44475	68107	Cadmium	1	1.83	1.83
44482	68107	Cadmium	1	2.01	2.01
44483	68107	Cadmium	1	2.81	2.81
44490	68107	Cadmium	1	4.1	4.1
44503	68107	Cadmium	1	0.685	0.685
44507	68107	Cadmium	1	1.6	1.6
44508	68107	Cadmium	1	1.91	1.91
44519	68107	Cadmium	1	0.675	0.675
44526	68107	Cadmium	1	1.26	1.26
44528	68107	Cadmium	1	2.35	2.35
44529	68107	Cadmium	1	0.708	0.708
44531	68107	Cadmium	1	1.76	1.76
44536	68107	Cadmium	1	1.87	1.87
44539	68107	Cadmium	1	2.92	2.92
44546	68107	Cadmium	1	2.8	2.8
44549	68107	Cadmium	1	0.281	0.281
44556	68107	Cadmium	1	2.6	2.6
44567	68107	Cadmium	1	0.445	0.445
44578	68107	Cadmium	1	0.54	0.54
44581	68107	Cadmium	1	0.2835	0.2835
44589	68107	Cadmium	1	1.3	1.3
44590	68107	Cadmium	1	1.29	1.29
44592	68107	Cadmium	1	1.15	1.15
44597	68107	Cadmium	1	4.9	4.9
44617	68107	Cadmium	1	3.6	3.6
44619	68107	Cadmium	1	1.08	1.08
44623	68107	Cadmium	1	1.47	1.47
44626	68107	Cadmium	1	3.3	3.3
44636	68107	Cadmium	1	3.6	3.6
44640	68107	Cadmium	1	0.864	0.864
44644	68107	Cadmium	1	0.2645	0.2645
44668	68107	Cadmium	1	0.515	0.515
44700	68107	Cadmium	1	0.723	0.723
44711	68107	Cadmium	1	1.31	1.31
44725	68107	Cadmium	1	0.55	0.55
44727	68107	Cadmium	1	0.3035	0.3035
44738	68107	Cadmium	1	0.395	0.395
44740	68107	Cadmium	1	1.51	1.51
44741	68107	Cadmium	1	2.69	2.69
44747	68107	Cadmium	1	1.4	1.4
44753	68107	Cadmium	1	0.909	0.909

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44755	68107	Cadmium	1	0.59	0.59
44756	68107	Cadmium	1	0.465	0.465
44768	68107	Cadmium	1	0.905	0.905
44790	68107	Cadmium	1	0.2755	0.2755
44798	68107	Cadmium	1	0.764	0.764
44810	68107	Cadmium	1	1.07	1.07
44814	68107	Cadmium	1	2.64	2.64
44822	68107	Cadmium	1	0.5	0.5
44854	68107	Cadmium	1	1.1	1.1
44857	68107	Cadmium	1	1.31	1.31
44869	68107	Cadmium	1	0.825	0.825
44877	68107	Cadmium	1	1.66	1.66
44902	68107	Cadmium	1	0.63	0.63
44923	68107	Cadmium	1	1.5	1.5
44927	68107	Cadmium	1	0.786	0.786
44935	68107	Cadmium	1	1.09	1.09
44939	68107	Cadmium	1	0.732	0.732
44943	68107	Cadmium	1	1.13	1.13
44955	68107	Cadmium	1	0.3715	0.3715
44959	68107	Cadmium	1	0.297	0.297
44969	68107	Cadmium	1	0.3315	0.3315
44979	68107	Cadmium	1	1.18	1.18
44980	68107	Cadmium	1	1.25	1.25
44984	68107	Cadmium	1	1.8	1.8
44987	68107	Cadmium	1	0.775	0.775
44996	68107	Cadmium	1	0.794	0.794
45004	68107	Cadmium	1	1.26	1.26
45005	68107	Cadmium	1	0.5	0.5
45018	68107	Cadmium	1	0.267	0.267
45020	68107	Cadmium	1	6.5	6.5
45023	68107	Cadmium	1	1.04	1.04
45034	68107	Cadmium	1	0.48	0.48
45044	68107	Cadmium	1	0.5	0.5
45056	68107	Cadmium	1	1.24	1.24
45072	68107	Cadmium	1	0.5	0.5
45073	68107	Cadmium	1	0.602	0.602
45077	68107	Cadmium	1	2.85	2.85
45078	68107	Cadmium	1	0.5	0.5
45084	68107	Cadmium	1	0.692	0.692
45118	68107	Cadmium	1	0.4505	0.4505
45147	68107	Cadmium	1	1.5	1.5
45150	68107	Cadmium	1	0.5	0.5
45156	68107	Cadmium	1	0.5	0.5
45166	68107	Cadmium	1	0.979	0.979
45167	68107	Cadmium	1	1.34	1.34
45183	68107	Cadmium	1	1.7	1.7
45188	68107	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45195	68107	Cadmium	1	1.72	1.72
45199	68107	Cadmium	1	0.5	0.5
45206	68107	Cadmium	1	1.28	1.28
45213	68107	Cadmium	1	1.15	1.15
45223	68107	Cadmium	1	0.724	0.724
45227	68107	Cadmium	1	1.15	1.15
45236	68107	Cadmium	1	2.7	2.7
45244	68107	Cadmium	1	1.11	1.11
45259	68107	Cadmium	1	1.37	1.37
45265	68107	Cadmium	1	0.751	0.751
45269	68107	Cadmium	1	0.605	0.605
45298	68107	Cadmium	1	0.337	0.337
45300	68107	Cadmium	1	3.56	3.56
45303	68107	Cadmium	1	0.5	0.5
45304	68107	Cadmium	1	0.55	0.55
45305	68107	Cadmium	1	0.267	0.267
45321	68107	Cadmium	1	2.25	2.25
45343	68107	Cadmium	1	1.4	1.4
45350	68107	Cadmium	1	0.5	0.5
45356	68107	Cadmium	1	0.753	0.753
45364	68107	Cadmium	1	0.5	0.5
45370	68107	Cadmium	1	0.293	0.293
45390	68107	Cadmium	1	0.713	0.713
45393	68107	Cadmium	1	2.03	2.03
45404	68107	Cadmium	1	0.55	0.55
45411	68107	Cadmium	1	0.5	0.5
45423	68107	Cadmium	1	0.5	0.5
45424	68107	Cadmium	1	0.5	0.5
45447	68107	Cadmium	1	0.3005	0.3005
45458	68107	Cadmium	1	0.5	0.5
45460	68107	Cadmium	1	0.5	0.5
45475	68107	Cadmium	1	1.36	1.36
45484	68107	Cadmium	1	2.11	2.11
45487	68107	Cadmium	1	1.97	1.97
45494	68107	Cadmium	1	0.2875	0.2875
45495	68107	Cadmium	1	0.292	0.292
45503	68107	Cadmium	1	0.565	0.565
45530	68107	Cadmium	1	0.472	0.472
45533	68107	Cadmium	1	0.55	0.55
45564	68107	Cadmium	1	0.5	0.5
45566	68107	Cadmium	1	0.5	0.5
45574	68107	Cadmium	1	0.728	0.728
45584	68107	Cadmium	1	0.713	0.713
45608	68107	Cadmium	1	1.28	1.28
45609	68107	Cadmium	1	0.5	0.5
45624	68107	Cadmium	1	2.94	2.94
45626	68107	Cadmium	1	0.705	0.705

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45645	68107	Cadmium	1	1.06	1.06
45646	68107	Cadmium	1	0.5	0.5
45648	68107	Cadmium	1	0.5	0.5
45662	68107	Cadmium	1	0.51	0.51
45663	68107	Cadmium	1	1.07	1.07
45678	68107	Cadmium	1	0.5	0.5
45698	68107	Cadmium	1	0.3095	0.3095
45724	68107	Cadmium	1	0.3155	0.3155
45725	68107	Cadmium	1	0.5	0.5
45728	68107	Cadmium	1	0.5	0.5
45739	68107	Cadmium	1	2.98	2.98
45741	68107	Cadmium	1	0.55	0.55
45747	68107	Cadmium	1	0.2845	0.2845
45764	68107	Cadmium	1	1.2	1.2
45767	68107	Cadmium	1	3.35	3.35
45770	68107	Cadmium	1	0.2795	0.2795
45786	68107	Cadmium	1	1.5	1.5
45787	68107	Cadmium	1	0.666	0.666
45789	68107	Cadmium	1	0.284	0.284
45811	68107	Cadmium	1	0.603	0.603
45822	68107	Cadmium	1	0.55	0.55
45837	68107	Cadmium	1	0.2725	0.2725
45840	68107	Cadmium	1	0.5	0.5
45849	68107	Cadmium	1	1.18	1.18
45854	68107	Cadmium	1	0.3145	0.3145
45883	68107	Cadmium	1	0.5	0.5
45906	68107	Cadmium	1	0.274	0.274
45921	68107	Cadmium	1	2.94	2.94
45923	68107	Cadmium	1	0.3095	0.3095
45927	68107	Cadmium	1	0.5	0.5
45955	68107	Cadmium	1	1.22	1.22
45970	68107	Cadmium	1	0.5	0.5
45984	68107	Cadmium	1	0.619	0.619
45988	68107	Cadmium	1	0.5	0.5
45999	68107	Cadmium	1	1.12	1.12
46035	68107	Cadmium	1	1.86	1.86
46049	68107	Cadmium	1	0.5	0.5
46050	68107	Cadmium	1	0.645	0.645
46052	68107	Cadmium	1	0.6	0.6
46071	68107	Cadmium	1	1.35	1.35
46073	68107	Cadmium	1	0.96	0.96
46091	68107	Cadmium	1	0.774	0.774
46103	68107	Cadmium	1	0.5	0.5
46107	68107	Cadmium	1	6	6
46118	68107	Cadmium	1	1.33	1.33
46122	68107	Cadmium	1	0.5	0.5
46127	68107	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46133	68107	Cadmium	1	0.575	0.575
46145	68107	Cadmium	1	0.807	0.807
46150	68107	Cadmium	1	0.447	0.447
46164	68107	Cadmium	1	0.5	0.5
46168	68107	Cadmium	1	0.55	0.55
46180	68107	Cadmium	1	2.35	2.35
46187	68107	Cadmium	1	4.89	4.89
46210	68107	Cadmium	1	1.91	1.91
46214	68107	Cadmium	1	0.5	0.5
46241	68107	Cadmium	1	0.898	0.898
46247	68107	Cadmium	1	1.8	1.8
46260	68107	Cadmium	1	0.54	0.54
46279	68107	Cadmium	1	1.5	1.5
46297	68107	Cadmium	1	0.695	0.695
46346	68107	Cadmium	1	0.5	0.5
46347	68107	Cadmium	1	0.5	0.5
46363	68107	Cadmium	1	0.6	0.6
46368	68107	Cadmium	1	0.2755	0.2755
46380	68107	Cadmium	1	0.805	0.805
46399	68107	Cadmium	1	2.3	2.3
46423	68107	Cadmium	1	1.66	1.66
46432	68107	Cadmium	1	1.08	1.08
46448	68107	Cadmium	1	1.3	1.3
46461	68107	Cadmium	1	0.5	0.5
46469	68107	Cadmium	1	0.984	0.984
46472	68107	Cadmium	1	0.799	0.799
46473	68107	Cadmium	1	0.935	0.935
46474	68107	Cadmium	1	4.42	4.42
46478	68107	Cadmium	1	2.75	2.75
46490	68107	Cadmium	1	1.48	1.48
46493	68107	Cadmium	1	1.1	1.1
46494	68107	Cadmium	1	0.55	0.55
46498	68107	Cadmium	1	2.06	2.06
46505	68107	Cadmium	1	1.2	1.2
46509	68107	Cadmium	1	1.7	1.7
46527	68107	Cadmium	1	0.734	0.734
46566	68107	Cadmium	1	1.16	1.16
46579	68107	Cadmium	1	0.5	0.5
46583	68107	Cadmium	1	1.01	1.01
46610	68107	Cadmium	1	2.62	2.62
46626	68107	Cadmium	1	1.56	1.56
46628	68107	Cadmium	1	0.5	0.5
46637	68107	Cadmium	1	2	2
46655	68107	Cadmium	1	0.273	0.273
46662	68107	Cadmium	1	1.87	1.87
46664	68107	Cadmium	1	0.767	0.767
46672	68107	Cadmium	1	0.865	0.865

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46673	68107	Cadmium	1	5.1	5.1
46683	68107	Cadmium	1	0.821	0.821
46698	68107	Cadmium	1	0.605	0.605
46699	68107	Cadmium	1	0.5	0.5
46708	68107	Cadmium	1	1.2	1.2
46712	68107	Cadmium	1	2.58	2.58
46725	68107	Cadmium	1	0.955	0.955
46727	68107	Cadmium	1	2.3	2.3
46731	68107	Cadmium	1	0.845	0.845
46743	68107	Cadmium	1	2.17	2.17
46763	68107	Cadmium	1	1.65	1.65
46764	68107	Cadmium	1	0.56	0.56
46772	68107	Cadmium	1	1.36	1.36
46776	68107	Cadmium	1	0.96	0.96
46792	68107	Cadmium	1	0.6	0.6
46794	68107	Cadmium	1	0.63	0.63
46805	68107	Cadmium	1	3.9	3.9
46808	68107	Cadmium	1	2.07	2.07
46815	68107	Cadmium	1	2.08	2.08
46835	68107	Cadmium	1	0.239	0.239
46852	68107	Cadmium	1	1.54	1.54
46857	68107	Cadmium	1	0.5	0.5
46864	68107	Cadmium	1	0.5	0.5
46867	68107	Cadmium	1	2.15	2.15
46893	68107	Cadmium	1	2.7	2.7
46916	68107	Cadmium	1	0.5	0.5
46919	68107	Cadmium	1	0.5	0.5
46934	68107	Cadmium	1	4.53	4.53
46954	68107	Cadmium	1	3.11	3.11
46964	68107	Cadmium	1	1.5	1.5
46976	68107	Cadmium	1	1.12	1.12
46994	68107	Cadmium	1	2.55	2.55
46998	68107	Cadmium	1	0.423	0.423
47021	68107	Cadmium	1	1.42	1.42
47030	68107	Cadmium	1	1.77	1.77
47038	68107	Cadmium	1	2.03	2.03
47046	68107	Cadmium	1	2.64	2.64
47047	68107	Cadmium	1	1.19	1.19
47052	68107	Cadmium	1	0.5	0.5
47058	68107	Cadmium	1	4.17	4.17
47088	68107	Cadmium	1	2.72	2.72
47090	68107	Cadmium	1	0.5	0.5
47106	68107	Cadmium	1	1.51	1.51
47139	68107	Cadmium	1	1.14	1.14
47140	68107	Cadmium	1	1.69	1.69
47147	68107	Cadmium	1	0.5	0.5
47148	68107	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47149	68107	Cadmium	1	0.55	0.55
47163	68107	Cadmium	1	6.8	6.8
47172	68107	Cadmium	1	1.8	1.8
47179	68107	Cadmium	1	0.5	0.5
47181	68107	Cadmium	1	3.9	3.9
47196	68107	Cadmium	1	6.7	6.7
47203	68107	Cadmium	1	1.12	1.12
47206	68107	Cadmium	1	3.4	3.4
47215	68107	Cadmium	1	0.5	0.5
47216	68107	Cadmium	1	0.55	0.55
47217	68107	Cadmium	1	2.1	2.1
47218	68107	Cadmium	1	3.74	3.74
47223	68107	Cadmium	1	0.897	0.897
47249	68107	Cadmium	1	3.43	3.43
47250	68107	Cadmium	1	1.02	1.02
47259	68107	Cadmium	1	3.44	3.44
47274	68107	Cadmium	1	1.16	1.16
47275	68107	Cadmium	1	0.5	0.5
47279	68107	Cadmium	1	0.9	0.9
47291	68107	Cadmium	1	1.54	1.54
47293	68107	Cadmium	1	4.8	4.8
47296	68107	Cadmium	1	1.8	1.8
47311	68107	Cadmium	1	0.5	0.5
47312	68107	Cadmium	1	0.786	0.786
47315	68107	Cadmium	1	0.805	0.805
47320	68107	Cadmium	1	0.5	0.5
47322	68107	Cadmium	1	2.75	2.75
47338	68107	Cadmium	1	7.52	7.52
47339	68107	Cadmium	1	0.5	0.5
47356	68107	Cadmium	1	0.5	0.5
47368	68107	Cadmium	1	1.58	1.58
47380	68107	Cadmium	1	0.62	0.62
47382	68107	Cadmium	1	5	5
47385	68107	Cadmium	1	0.863	0.863
47390	68107	Cadmium	1	0.611	0.611
47417	68107	Cadmium	1	0.5	0.5
47421	68107	Cadmium	1	0.5	0.5
47424	68107	Cadmium	1	2.66	2.66
47425	68107	Cadmium	1	0.53	0.53
47440	68107	Cadmium	1	1.47	1.47
47452	68107	Cadmium	1	0.5	0.5
47475	68107	Cadmium	1	1.45	1.45
47485	68107	Cadmium	1	0.5	0.5
47511	68107	Cadmium	1	2.6	2.6
47514	68107	Cadmium	1	0.843	0.843
47518	68107	Cadmium	1	1.12	1.12
47526	68107	Cadmium	1	0.958	0.958

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47544	68107	Cadmium	1	0.5	0.5
47553	68107	Cadmium	1	0.5	0.5
47565	68107	Cadmium	1	0.935	0.935
47566	68107	Cadmium	1	0.5	0.5
47604	68107	Cadmium	1	1.02	1.02
47610	68107	Cadmium	1	0.69	0.69
47617	68107	Cadmium	1	1.95	1.95
47621	68107	Cadmium	1	2.65	2.65
47627	68107	Cadmium	1	0.5	0.5
47649	68107	Cadmium	1	1.27	1.27
47656	68107	Cadmium	1	0.916	0.916
47670	68107	Cadmium	1	1.52	1.52
47681	68107	Cadmium	1	8.3	8.3
47706	68107	Cadmium	1	0.281	0.281
47708	68107	Cadmium	1	0.749	0.749
47761	68107	Cadmium	1	1.02	1.02
47768	68107	Cadmium	1	3.11	3.11
47783	68107	Cadmium	1	5.22	5.22
47795	68107	Cadmium	1	0.278	0.278
47797	68107	Cadmium	1	4.2	4.2
47811	68107	Cadmium	1	1.13	1.13
47813	68107	Cadmium	1	0.5	0.5
47816	68107	Cadmium	1	3.78	3.78
47820	68107	Cadmium	1	1.04	1.04
47838	68107	Cadmium	1	3.1	3.1
47841	68107	Cadmium	1	6	6
47860	68107	Cadmium	1	4.22	4.22
47867	68107	Cadmium	1	0.5	0.5
47886	68107	Cadmium	1	5.57	5.57
47895	68107	Cadmium	1	3.2	3.2
47924	68107	Cadmium	1	3.44	3.44
47930	68107	Cadmium	1	2.83	2.83
47934	68107	Cadmium	1	0.5	0.5
47939	68107	Cadmium	1	1.25	1.25
47952	68107	Cadmium	1	1	1
47966	68107	Cadmium	1	0.2815	0.2815
47969	68107	Cadmium	1	1	1
48003	68107	Cadmium	1	3.36	3.36
48006	68107	Cadmium	1	3.64	3.64
48014	68107	Cadmium	1	5.3	5.3
48016	68107	Cadmium	1	0.299	0.299
48018	68107	Cadmium	1	3.87	3.87
48036	68107	Cadmium	1	1.04	1.04
48043	68107	Cadmium	1	1.07	1.07
48048	68107	Cadmium	1	3.16	3.16
48056	68107	Cadmium	1	3.59	3.59
48092	68107	Cadmium	1	1.96	1.96

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48116	68107	Cadmium	1	4.72	4.72
48118	68107	Cadmium	1	3.3	3.3
48120	68107	Cadmium	1	3.61	3.61
48135	68107	Cadmium	1	1.41	1.41
48141	68107	Cadmium	1	1.94	1.94
48150	68107	Cadmium	1	2.49	2.49
48167	68107	Cadmium	1	2.19	2.19
48232	68107	Cadmium	1	0.68	0.68
48245	68107	Cadmium	1	0.5	0.5
48261	68107	Cadmium	1	1.04	1.04
48271	68107	Cadmium	1	5	5
48292	68107	Cadmium	1	4.7	4.7
48308	68107	Cadmium	1	6.08	6.08
48327	68107	Cadmium	1	0.67	0.67
48334	68107	Cadmium	1	1.77	1.77
48341	68107	Cadmium	1	0.535	0.535
48359	68107	Cadmium	1	1.6	1.6
48367	68107	Cadmium	1	1.44	1.44
48368	68107	Cadmium	1	1.33	1.33
48380	68107	Cadmium	1	2.8	2.8
48416	68107	Cadmium	1	0.5	0.5
48418	68107	Cadmium	1	0.4415	0.4415
48434	68107	Cadmium	1	0.5	0.5
48494	68107	Cadmium	1	0.845	0.845
48495	68107	Cadmium	1	0.5	0.5
48508	68107	Cadmium	1	0.266	0.266
48510	68107	Cadmium	1	1.03	1.03
48525	68107	Cadmium	1	0.55	0.55
48547	68107	Cadmium	1	0.291	0.291
48553	68107	Cadmium	1	0.278	0.278
48578	68107	Cadmium	1	0.283	0.283
48583	68107	Cadmium	1	0.989	0.989
48589	68107	Cadmium	1	1.65	1.65
48593	68107	Cadmium	1	1.06	1.06
48596	68107	Cadmium	1	0.555	0.555
48620	68107	Cadmium	1	4.6	4.6
48636	68107	Cadmium	1	0.655	0.655
48639	68107	Cadmium	1	1.06	1.06
48641	68107	Cadmium	1	0.55	0.55
48654	68107	Cadmium	1	2.31	2.31
48661	68107	Cadmium	1	1.13	1.13
48668	68107	Cadmium	1	0.291	0.291
48674	68107	Cadmium	1	0.52	0.52
48685	68107	Cadmium	1	0.5	0.5
48694	68107	Cadmium	1	0.4125	0.4125
48708	68107	Cadmium	1	1.68	1.68
48715	68107	Cadmium	1	2.32	2.32

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48721	68107	Cadmium	1	1.44	1.44
48733	68107	Cadmium	1	0.862	0.862
48736	68107	Cadmium	1	2.68	2.68
48747	68107	Cadmium	1	0.5	0.5
48768	68107	Cadmium	1	3.3	3.3
48798	68107	Cadmium	1	1.75	1.75
48815	68107	Cadmium	1	2.3	2.3
48821	68107	Cadmium	1	1.76	1.76
48836	68107	Cadmium	1	1.13	1.13
48846	68107	Cadmium	1	0.5	0.5
48855	68107	Cadmium	1	1.71	1.71
48871	68107	Cadmium	1	0.555	0.555
48886	68107	Cadmium	1	1.91	1.91
48900	68107	Cadmium	1	0.335	0.335
48904	68107	Cadmium	1	0.5	0.5
48944	68107	Cadmium	1	0.843	0.843
48952	68107	Cadmium	1	0.595	0.595
48963	68107	Cadmium	1	0.64	0.64
48973	68107	Cadmium	1	2.02	2.02
48975	68107	Cadmium	1	2.51	2.51
48977	68107	Cadmium	1	0.5	0.5
48999	68107	Cadmium	1	1.11	1.11
49012	68107	Cadmium	1	0.5	0.5
49036	68107	Cadmium	1	0.505	0.505
49070	68107	Cadmium	1	0.5	0.5
49081	68107	Cadmium	1	0.696	0.696
49082	68107	Cadmium	1	1.61	1.61
49085	68107	Cadmium	1	0.2585	0.2585
49098	68107	Cadmium	1	0.264	0.264
49117	68107	Cadmium	1	0.304	0.304
49126	68107	Cadmium	1	0.5	0.5
49167	68107	Cadmium	1	1.89	1.89
49208	68107	Cadmium	1	0.2745	0.2745
49239	68107	Cadmium	1	4.52	4.52
49249	68107	Cadmium	1	0.4505	0.4505
49371	68107	Cadmium	1	0.889	0.889
49383	68107	Cadmium	1	0.896	0.896
49395	68107	Cadmium	1	0.5	0.5
49404	68107	Cadmium	1	2.45	2.45
49435	68107	Cadmium	1	0.676	0.676
49439	68107	Cadmium	1	0.2895	0.2895
49441	68107	Cadmium	1	0.3885	0.3885
49444	68107	Cadmium	1	0.273	0.273
50137	68107	Cadmium	1	2.11	2.11
50139	68107	Cadmium	1	0.5	0.5
50140	68107	Cadmium	1	1.44	1.44
50141	68107	Cadmium	1	2.21	2.21

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50144	68107	Cadmium	1	1.14	1.14
50158	68107	Cadmium	1	1.07	1.07
50185	68107	Cadmium	1	1.22	1.22
50191	68107	Cadmium	1	1.68	1.68
50192	68107	Cadmium	1	0.5	0.5
50193	68107	Cadmium	1	0.5	0.5
50214	68107	Cadmium	1	1.03	1.03
50243	68107	Cadmium	1	1.41	1.41
50244	68107	Cadmium	1	0.5	0.5
50246	68107	Cadmium	1	1.08	1.08
50249	68107	Cadmium	1	1.1	1.1
50276	68107	Cadmium	1	1.09	1.09
50284	68107	Cadmium	1	0.5	0.5
50286	68107	Cadmium	1	0.5	0.5
50292	68107	Cadmium	1	0.5	0.5
50293	68107	Cadmium	1	1.25	1.25
50294	68107	Cadmium	1	1.25	1.25
50299	68107	Cadmium	1	1.29	1.29
50300	68107	Cadmium	1	0.5	0.5
50313	68107	Cadmium	1	1.03	1.03
50325	68107	Cadmium	1	1.18	1.18
50326	68107	Cadmium	1	1.39	1.39
50335	68107	Cadmium	1	1.1	1.1
50359	68107	Cadmium	1	1.23	1.23
50360	68107	Cadmium	1	1.37	1.37
50361	68107	Cadmium	1	1.17	1.17
50362	68107	Cadmium	1	1.07	1.07
50537	68107	Cadmium	1	1.14	1.14
76891	68107	Cadmium	1	5.3	5.3
89377	68107	Cadmium	1	5.2	5.2
89408	68107	Cadmium	1	6.3	6.3
2170	68108	Cadmium	1	0.5	0.5
2518	68108	Cadmium	1	3.69	3.69
2521	68108	Cadmium	1	2.8	2.8
2522	68108	Cadmium	1	1.5	1.5
2527	68108	Cadmium	1	1.31	1.31
2532	68108	Cadmium	1	0.55	0.55
5225	68108	Cadmium	1	0.5	0.5
5227	68108	Cadmium	1	1.1	1.1
5229	68108	Cadmium	1	0.5	0.5
5284	68108	Cadmium	1	2.57	2.57
5300	68108	Cadmium	1	1.11	1.11
5304	68108	Cadmium	1	1.15	1.15
5306	68108	Cadmium	1	1.61	1.61
5332	68108	Cadmium	1	1.31	1.31
5387	68108	Cadmium	1	1.22	1.22
5390	68108	Cadmium	1	1.22	1.22

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5394	68108	Cadmium	1	1.25	1.25
5395	68108	Cadmium	1	2.14	2.14
5398	68108	Cadmium	1	2.24	2.24
5403	68108	Cadmium	1	1.67	1.67
5407	68108	Cadmium	1	1.99	1.99
5408	68108	Cadmium	1	2.17	2.17
5409	68108	Cadmium	1	0.1105	0.1105
5416	68108	Cadmium	1	1.51	1.51
5418	68108	Cadmium	1	1.1	1.1
5422	68108	Cadmium	1	2.02	2.02
5425	68108	Cadmium	1	1.8	1.8
5426	68108	Cadmium	1	0.686	0.686
5427	68108	Cadmium	1	1.69	1.69
5429	68108	Cadmium	1	0.869	0.869
5431	68108	Cadmium	1	1.91	1.91
5432	68108	Cadmium	1	1.84	1.84
5449	68108	Cadmium	1	1.55	1.55
5450	68108	Cadmium	1	1.97	1.97
5454	68108	Cadmium	1	1.06	1.06
5460	68108	Cadmium	1	0.987	0.987
5463	68108	Cadmium	1	0.548	0.548
5467	68108	Cadmium	1	1.36	1.36
5472	68108	Cadmium	1	0.747	0.747
5473	68108	Cadmium	1	1.31	1.31
5474	68108	Cadmium	1	0.896	0.896
5480	68108	Cadmium	1	1.99	1.99
5483	68108	Cadmium	1	1.26	1.26
5485	68108	Cadmium	1	1.84	1.84
5492	68108	Cadmium	1	1.57	1.57
5505	68108	Cadmium	1	1.45	1.45
5572	68108	Cadmium	1	1.48	1.48
5607	68108	Cadmium	1	0.643	0.643
5608	68108	Cadmium	1	1.3	1.3
5623	68108	Cadmium	1	1.13	1.13
5628	68108	Cadmium	1	0.857	0.857
5630	68108	Cadmium	1	1.67	1.67
5636	68108	Cadmium	1	2.8	2.8
5637	68108	Cadmium	1	1.21	1.21
5652	68108	Cadmium	1	1.57	1.57
12816	68108	Cadmium	1	1.6	1.6
12859	68108	Cadmium	1	1.66	1.66
12926	68108	Cadmium	1	3.24	3.24
12947	68108	Cadmium	1	0.813	0.813
13102	68108	Cadmium	1	0.268	0.268
13164	68108	Cadmium	1	1.18	1.18
13184	68108	Cadmium	1	1.14	1.14
13189	68108	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13239	68108	Cadmium	1	0.274	0.274
13267	68108	Cadmium	1	1.2	1.2
13436	68108	Cadmium	1	0.4025	0.4025
13485	68108	Cadmium	1	0.5	0.5
13529	68108	Cadmium	1	2.62	2.62
13530	68108	Cadmium	1	0.2695	0.2695
13536	68108	Cadmium	1	2.21	2.21
13575	68108	Cadmium	1	2.25	2.25
13645	68108	Cadmium	1	2.9	2.9
13661	68108	Cadmium	1	1.54	1.54
13674	68108	Cadmium	1	0.5	0.5
13675	68108	Cadmium	1	0.5	0.5
13760	68108	Cadmium	1	0.5	0.5
13773	68108	Cadmium	1	0.2875	0.2875
13795	68108	Cadmium	1	4.14	4.14
13941	68108	Cadmium	1	0.5	0.5
14043	68108	Cadmium	1	0.2485	0.2485
14076	68108	Cadmium	1	0.66	0.66
14079	68108	Cadmium	1	0.2535	0.2535
14130	68108	Cadmium	1	1.8	1.8
14140	68108	Cadmium	1	2.48	2.48
14203	68108	Cadmium	1	0.5	0.5
14270	68108	Cadmium	1	0.59	0.59
14279	68108	Cadmium	1	0.728	0.728
14290	68108	Cadmium	1	0.5	0.5
14438	68108	Cadmium	1	0.5	0.5
14449	68108	Cadmium	1	6.4	6.4
14481	68108	Cadmium	1	1.45	1.45
14486	68108	Cadmium	1	0.5	0.5
14497	68108	Cadmium	1	1.4	1.4
14537	68108	Cadmium	1	3.71	3.71
14545	68108	Cadmium	1	2.2	2.2
14576	68108	Cadmium	1	2.54	2.54
14578	68108	Cadmium	1	0.5	0.5
14617	68108	Cadmium	1	0.742	0.742
14660	68108	Cadmium	1	1.72	1.72
14692	68108	Cadmium	1	0.284	0.284
14720	68108	Cadmium	1	0.5	0.5
14818	68108	Cadmium	1	0.5	0.5
14825	68108	Cadmium	1	9.71	9.71
14849	68108	Cadmium	1	1.14	1.14
14855	68108	Cadmium	1	0.5	0.5
14878	68108	Cadmium	1	0.282	0.282
14914	68108	Cadmium	1	0.5	0.5
14998	68108	Cadmium	1	0.5	0.5
15001	68108	Cadmium	1	0.5	0.5
15051	68108	Cadmium	1	1.76	1.76

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15053	68108	Cadmium	1	0.5	0.5
15116	68108	Cadmium	1	1.25	1.25
15135	68108	Cadmium	1	3.61	3.61
15248	68108	Cadmium	1	2.4	2.4
15256	68108	Cadmium	1	2.25	2.25
15266	68108	Cadmium	1	0.5	0.5
15337	68108	Cadmium	1	0.988	0.988
15443	68108	Cadmium	1	0.5	0.5
15468	68108	Cadmium	1	0.27	0.27
15601	68108	Cadmium	1	1.54	1.54
15603	68108	Cadmium	1	3.01	3.01
15687	68108	Cadmium	1	0.5	0.5
15748	68108	Cadmium	1	1.5	1.5
15768	68108	Cadmium	1	0.313	0.313
15915	68108	Cadmium	1	0.5	0.5
15939	68108	Cadmium	1	0.5	0.5
15955	68108	Cadmium	1	1.19	1.19
15966	68108	Cadmium	1	0.785	0.785
15980	68108	Cadmium	1	1.54	1.54
16006	68108	Cadmium	1	3.6	3.6
16126	68108	Cadmium	1	0.249	0.249
16135	68108	Cadmium	1	0.2295	0.2295
16137	68108	Cadmium	1	0.319	0.319
16145	68108	Cadmium	1	0.28	0.28
16261	68108	Cadmium	1	0.975	0.975
16267	68108	Cadmium	1	0.759	0.759
16319	68108	Cadmium	1	1.14	1.14
16349	68108	Cadmium	1	0.5	0.5
16446	68108	Cadmium	1	1.36	1.36
16530	68108	Cadmium	1	1.21	1.21
16556	68108	Cadmium	1	0.5	0.5
16581	68108	Cadmium	1	0.5	0.5
16595	68108	Cadmium	1	0.5	0.5
16599	68108	Cadmium	1	0.5	0.5
16711	68108	Cadmium	1	1.25	1.25
16813	68108	Cadmium	1	0.306	0.306
16973	68108	Cadmium	1	0.364	0.364
17004	68108	Cadmium	1	3.8	3.8
17005	68108	Cadmium	1	2.1	2.1
17022	68108	Cadmium	1	2.54	2.54
17242	68108	Cadmium	1	3.3	3.3
17247	68108	Cadmium	1	3.98	3.98
17282	68108	Cadmium	1	1.4	1.4
17316	68108	Cadmium	1	0.5	0.5
17323	68108	Cadmium	1	1.35	1.35
17335	68108	Cadmium	1	0.5	0.5
17360	68108	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17414	68108	Cadmium	1	0.75	0.75
17416	68108	Cadmium	1	1.42	1.42
17417	68108	Cadmium	1	6.6	6.6
17418	68108	Cadmium	1	7	7
17461	68108	Cadmium	1	5	5
17498	68108	Cadmium	1	1.44	1.44
17550	68108	Cadmium	1	0.5	0.5
17671	68108	Cadmium	1	2.32	2.32
17699	68108	Cadmium	1	0.539	0.539
17700	68108	Cadmium	1	6.8	6.8
17701	68108	Cadmium	1	0.5	0.5
17703	68108	Cadmium	1	1.125	1.125
17732	68108	Cadmium	1	3.16	3.16
17778	68108	Cadmium	1	0.5	0.5
17840	68108	Cadmium	1	0.2655	0.2655
17849	68108	Cadmium	1	0.604	0.604
17861	68108	Cadmium	1	0.5	0.5
17864	68108	Cadmium	1	0.5	0.5
17865	68108	Cadmium	1	0.253	0.253
17908	68108	Cadmium	1	4.43	4.43
17945	68108	Cadmium	1	0.2755	0.2755
17963	68108	Cadmium	1	3.6	3.6
17968	68108	Cadmium	1	0.5	0.5
17985	68108	Cadmium	1	1.13	1.13
18129	68108	Cadmium	1	0.229	0.229
18148	68108	Cadmium	1	1.5	1.5
18179	68108	Cadmium	1	0.5	0.5
18198	68108	Cadmium	1	1.04	1.04
18218	68108	Cadmium	1	2.39	2.39
18222	68108	Cadmium	1	1.6	1.6
18249	68108	Cadmium	1	0.6	0.6
18328	68108	Cadmium	1	1.5	1.5
18330	68108	Cadmium	1	1	1
18339	68108	Cadmium	1	0.72	0.72
18385	68108	Cadmium	1	2.5	2.5
18422	68108	Cadmium	1	4.5	4.5
18435	68108	Cadmium	1	0.5	0.5
18461	68108	Cadmium	1	0.3025	0.3025
18486	68108	Cadmium	1	0.439	0.439
18532	68108	Cadmium	1	0.915	0.915
18547	68108	Cadmium	1	0.5	0.5
18597	68108	Cadmium	1	2.43	2.43
18634	68108	Cadmium	1	3.48	3.48
18664	68108	Cadmium	1	0.5	0.5
18687	68108	Cadmium	1	4.45	4.45
18691	68108	Cadmium	1	0.5	0.5
18697	68108	Cadmium	1	1.9	1.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18712	68108	Cadmium	1	1.235	1.235
18718	68108	Cadmium	1	5.4	5.4
18749	68108	Cadmium	1	1.23	1.23
18800	68108	Cadmium	1	1.51	1.51
18802	68108	Cadmium	1	0.5	0.5
18833	68108	Cadmium	1	0.3375	0.3375
18890	68108	Cadmium	1	0.67	0.67
18903	68108	Cadmium	1	0.5	0.5
18943	68108	Cadmium	1	1.13	1.13
18968	68108	Cadmium	1	1.41	1.41
18988	68108	Cadmium	1	0.431	0.431
19030	68108	Cadmium	1	0.2535	0.2535
19116	68108	Cadmium	1	1.34	1.34
19126	68108	Cadmium	1	3.36	3.36
19153	68108	Cadmium	1	1.33	1.33
19190	68108	Cadmium	1	1.4	1.4
19343	68108	Cadmium	1	1.8	1.8
19371	68108	Cadmium	1	0.4275	0.4275
19373	68108	Cadmium	1	0.905	0.905
19417	68108	Cadmium	1	2.1	2.1
19440	68108	Cadmium	1	0.234	0.234
19444	68108	Cadmium	1	1.14	1.14
19474	68108	Cadmium	1	4.31	4.31
19640	68108	Cadmium	1	0.651	0.651
19660	68108	Cadmium	1	1.07	1.07
19680	68108	Cadmium	1	0.2865	0.2865
19792	68108	Cadmium	1	2.4	2.4
19875	68108	Cadmium	1	3.68	3.68
19920	68108	Cadmium	1	1.79	1.79
19988	68108	Cadmium	1	3.3	3.3
20044	68108	Cadmium	1	3.06	3.06
20137	68108	Cadmium	1	1.21	1.21
20149	68108	Cadmium	1	2.66	2.66
20168	68108	Cadmium	1	1.25	1.25
20169	68108	Cadmium	1	2.5	2.5
20244	68108	Cadmium	1	1.18	1.18
20285	68108	Cadmium	1	1.12	1.12
20287	68108	Cadmium	1	0.5	0.5
20344	68108	Cadmium	1	0.524	0.524
20367	68108	Cadmium	1	1.05	1.05
20464	68108	Cadmium	1	0.4985	0.4985
20467	68108	Cadmium	1	2.7	2.7
20567	68108	Cadmium	1	0.444	0.444
20588	68108	Cadmium	1	0.5	0.5
20608	68108	Cadmium	1	1.21	1.21
20629	68108	Cadmium	1	1.36	1.36
20671	68108	Cadmium	1	0.99	0.99

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20746	68108	Cadmium	1	0.275	0.275
20752	68108	Cadmium	1	0.5	0.5
20831	68108	Cadmium	1	2.68	2.68
20881	68108	Cadmium	1	2.56	2.56
20922	68108	Cadmium	1	7.3	7.3
21123	68108	Cadmium	1	1.56	1.56
21190	68108	Cadmium	1	0.5	0.5
21502	68108	Cadmium	1	2.09	2.09
21582	68108	Cadmium	1	0.5	0.5
21729	68108	Cadmium	1	0.5	0.5
21863	68108	Cadmium	1	2.29	2.29
22203	68108	Cadmium	1	0.665	0.665
22282	68108	Cadmium	1	2.27	2.27
50453	68108	Cadmium	1	0.5	0.5
50624	68108	Cadmium	1	3.8	3.8
74047	68108	Cadmium	1	4.8	4.8
79306	68108	Cadmium	1	5.5	5.5
87989	68108	Cadmium	1	8	8
88004	68108	Cadmium	1	6.5	6.5
88031	68108	Cadmium	1	5.3	5.3
89842	68108	Cadmium	1	6.3	6.3
90601	68108	Cadmium	1	5.3	5.3
92372	68108	Cadmium	1	3.1	3.1
93003	68108	Cadmium	1	6.2	6.2
93522	68108	Cadmium	1	3.1	3.1
2069	68110	Cadmium	1	0.5	0.5
2280	68110	Cadmium	1	1.48	1.48
2354	68110	Cadmium	1	1.03	1.03
2355	68110	Cadmium	1	4.9	4.9
2539	68110	Cadmium	1	2.68	2.68
3136	68110	Cadmium	1	1.73	1.73
5258	68110	Cadmium	1	0.5	0.5
5388	68110	Cadmium	1	0.672	0.672
5520	68110	Cadmium	1	2.39	2.39
5525	68110	Cadmium	1	2.82	2.82
5527	68110	Cadmium	1	1.31	1.31
5530	68110	Cadmium	1	0.966	0.966
5532	68110	Cadmium	1	2.09	2.09
5536	68110	Cadmium	1	0.567	0.567
5541	68110	Cadmium	1	0.366	0.366
5544	68110	Cadmium	1	0.124	0.124
5546	68110	Cadmium	1	0.532	0.532
5551	68110	Cadmium	1	1.5	1.5
5559	68110	Cadmium	1	0.855	0.855
5560	68110	Cadmium	1	1.65	1.65
5561	68110	Cadmium	1	1.14	1.14
5563	68110	Cadmium	1	0.442	0.442

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5565	68110	Cadmium	1	1.32	1.32
5566	68110	Cadmium	1	1.05	1.05
5612	68110	Cadmium	1	2.14	2.14
5614	68110	Cadmium	1	2.54	2.54
5641	68110	Cadmium	1	0.863	0.863
5650	68110	Cadmium	1	3.36	3.36
5651	68110	Cadmium	1	1.19	1.19
26122	68110	Cadmium	1	1.46	1.46
26133	68110	Cadmium	1	0.4405	0.4405
26234	68110	Cadmium	1	2.5	2.5
26341	68110	Cadmium	1	4.21	4.21
26410	68110	Cadmium	1	0.5	0.5
26447	68110	Cadmium	1	0.515	0.515
26465	68110	Cadmium	1	0.8	0.8
26527	68110	Cadmium	1	3.72	3.72
26550	68110	Cadmium	1	4.8	4.8
26762	68110	Cadmium	1	3.23	3.23
27034	68110	Cadmium	1	0.5	0.5
27069	68110	Cadmium	1	0.5	0.5
27291	68110	Cadmium	1	0.89	0.89
27435	68110	Cadmium	1	4.4	4.4
27589	68110	Cadmium	1	2.26	2.26
27592	68110	Cadmium	1	2.21	2.21
27683	68110	Cadmium	1	0.818	0.818
27704	68110	Cadmium	1	0.5	0.5
27756	68110	Cadmium	1	5.9	5.9
27815	68110	Cadmium	1	0.263	0.263
27822	68110	Cadmium	1	0.56	0.56
27826	68110	Cadmium	1	2.34	2.34
27840	68110	Cadmium	1	1.15	1.15
27844	68110	Cadmium	1	1.4	1.4
27884	68110	Cadmium	1	2.34	2.34
27907	68110	Cadmium	1	0.5	0.5
27927	68110	Cadmium	1	1.68	1.68
27984	68110	Cadmium	1	1.74	1.74
28074	68110	Cadmium	1	1.49	1.49
28075	68110	Cadmium	1	1.27	1.27
28120	68110	Cadmium	1	1.13	1.13
28167	68110	Cadmium	1	0.2735	0.2735
28226	68110	Cadmium	1	0.4615	0.4615
28335	68110	Cadmium	1	0.832	0.832
28360	68110	Cadmium	1	1.85	1.85
28404	68110	Cadmium	1	0.2425	0.2425
28421	68110	Cadmium	1	2.26	2.26
28455	68110	Cadmium	1	3.9	3.9
28501	68110	Cadmium	1	0.979	0.979
28550	68110	Cadmium	1	0.446	0.446

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28591	68110	Cadmium	1	0.91	0.91
28647	68110	Cadmium	1	0.5	0.5
28670	68110	Cadmium	1	0.63	0.63
28711	68110	Cadmium	1	0.5	0.5
28717	68110	Cadmium	1	2.84	2.84
28726	68110	Cadmium	1	2.54	2.54
28905	68110	Cadmium	1	0.711	0.711
28977	68110	Cadmium	1	0.715	0.715
28999	68110	Cadmium	1	0.5	0.5
29058	68110	Cadmium	1	2.04	2.04
29063	68110	Cadmium	1	6.1	6.1
29084	68110	Cadmium	1	2.08	2.08
29093	68110	Cadmium	1	1.4	1.4
29095	68110	Cadmium	1	1.53	1.53
29117	68110	Cadmium	1	5.23	5.23
29135	68110	Cadmium	1	2.41	2.41
29207	68110	Cadmium	1	0.915	0.915
29238	68110	Cadmium	1	0.592	0.592
29257	68110	Cadmium	1	7.22	7.22
29271	68110	Cadmium	1	2.02	2.02
29283	68110	Cadmium	1	1.265	1.265
29290	68110	Cadmium	1	2.61	2.61
29332	68110	Cadmium	1	3.04	3.04
29360	68110	Cadmium	1	0.5	0.5
29361	68110	Cadmium	1	2.79	2.79
29393	68110	Cadmium	1	0.341	0.341
29421	68110	Cadmium	1	1.135	1.135
29493	68110	Cadmium	1	1.34	1.34
29500	68110	Cadmium	1	1.15	1.15
29505	68110	Cadmium	1	1.97	1.97
29550	68110	Cadmium	1	1.64	1.64
29610	68110	Cadmium	1	0.912	0.912
29634	68110	Cadmium	1	1.54	1.54
29665	68110	Cadmium	1	0.625	0.625
29753	68110	Cadmium	1	6.5	6.5
29774	68110	Cadmium	1	0.667	0.667
29786	68110	Cadmium	1	2.53	2.53
29795	68110	Cadmium	1	2.37	2.37
29844	68110	Cadmium	1	4.7	4.7
29877	68110	Cadmium	1	3.32	3.32
29887	68110	Cadmium	1	1.04	1.04
29911	68110	Cadmium	1	0.5	0.5
29913	68110	Cadmium	1	2.2	2.2
29920	68110	Cadmium	1	0.4915	0.4915
29921	68110	Cadmium	1	0.4655	0.4655
29934	68110	Cadmium	1	0.5	0.5
29942	68110	Cadmium	1	6.3	6.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29943	68110	Cadmium	1	2.69	2.69
30017	68110	Cadmium	1	0.5	0.5
30172	68110	Cadmium	1	1.25	1.25
30189	68110	Cadmium	1	5.5	5.5
30210	68110	Cadmium	1	0.978	0.978
30291	68110	Cadmium	1	1.9	1.9
30394	68110	Cadmium	1	4.31	4.31
30410	68110	Cadmium	1	0.765	0.765
30422	68110	Cadmium	1	5.5	5.5
30443	68110	Cadmium	1	2.91	2.91
30469	68110	Cadmium	1	0.685	0.685
30470	68110	Cadmium	1	3.2	3.2
30500	68110	Cadmium	1	0.5	0.5
30551	68110	Cadmium	1	1.06	1.06
30556	68110	Cadmium	1	1.39	1.39
30566	68110	Cadmium	1	1.22	1.22
30575	68110	Cadmium	1	0.5	0.5
30633	68110	Cadmium	1	0.897	0.897
30651	68110	Cadmium	1	1.9	1.9
30688	68110	Cadmium	1	0.4185	0.4185
30705	68110	Cadmium	1	0.256	0.256
30786	68110	Cadmium	1	1.41	1.41
30803	68110	Cadmium	1	1.2	1.2
30870	68110	Cadmium	1	3.5	3.5
30954	68110	Cadmium	1	2	2
30980	68110	Cadmium	1	2.25	2.25
31097	68110	Cadmium	1	0.55	0.55
31153	68110	Cadmium	1	0.924	0.924
31174	68110	Cadmium	1	0.5	0.5
31223	68110	Cadmium	1	1.33	1.33
31231	68110	Cadmium	1	2.25	2.25
31350	68110	Cadmium	1	1.54	1.54
31401	68110	Cadmium	1	2.9	2.9
31568	68110	Cadmium	1	0.2805	0.2805
31645	68110	Cadmium	1	1.51	1.51
31757	68110	Cadmium	1	2.91	2.91
31760	68110	Cadmium	1	0.326	0.326
31814	68110	Cadmium	1	1.11	1.11
31832	68110	Cadmium	1	1.12	1.12
31959	68110	Cadmium	1	1.36	1.36
32019	68110	Cadmium	1	2.5	2.5
32039	68110	Cadmium	1	0.5	0.5
32043	68110	Cadmium	1	1.23	1.23
32063	68110	Cadmium	1	1.8	1.8
32214	68110	Cadmium	1	0.483	0.483
32373	68110	Cadmium	1	1.04	1.04
32484	68110	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32508	68110	Cadmium	1	3.34	3.34
32529	68110	Cadmium	1	0.675	0.675
32536	68110	Cadmium	1	2.04	2.04
32570	68110	Cadmium	1	0.68	0.68
32645	68110	Cadmium	1	1.86	1.86
32707	68110	Cadmium	1	2.98	2.98
32727	68110	Cadmium	1	1.05	1.05
32733	68110	Cadmium	1	2.79	2.79
32734	68110	Cadmium	1	0.6	0.6
32875	68110	Cadmium	1	0.5	0.5
32903	68110	Cadmium	1	0.92	0.92
32915	68110	Cadmium	1	0.57	0.57
32927	68110	Cadmium	1	0.5	0.5
32996	68110	Cadmium	1	6.4	6.4
33078	68110	Cadmium	1	2.72	2.72
33084	68110	Cadmium	1	1.35	1.35
33280	68110	Cadmium	1	0.3915	0.3915
33421	68110	Cadmium	1	1.84	1.84
33468	68110	Cadmium	1	4.4	4.4
33472	68110	Cadmium	1	0.2675	0.2675
33477	68110	Cadmium	1	4.1	4.1
33483	68110	Cadmium	1	2.2	2.2
33512	68110	Cadmium	1	0.2625	0.2625
33519	68110	Cadmium	1	1.39	1.39
33543	68110	Cadmium	1	0.82	0.82
33555	68110	Cadmium	1	1.77	1.77
33602	68110	Cadmium	1	1.43	1.43
33629	68110	Cadmium	1	5.16	5.16
33635	68110	Cadmium	1	1.36	1.36
33714	68110	Cadmium	1	4.73	4.73
33725	68110	Cadmium	1	3.19	3.19
33840	68110	Cadmium	1	1.22	1.22
33927	68110	Cadmium	1	2.69	2.69
34002	68110	Cadmium	1	1.11	1.11
34047	68110	Cadmium	1	0.3395	0.3395
34116	68110	Cadmium	1	2.24	2.24
34237	68110	Cadmium	1	0.2745	0.2745
34260	68110	Cadmium	1	0.816	0.816
34266	68110	Cadmium	1	0.491	0.491
34272	68110	Cadmium	1	2.12	2.12
34276	68110	Cadmium	1	1.91	1.91
34287	68110	Cadmium	1	0.398	0.398
34613	68110	Cadmium	1	1.33	1.33
34625	68110	Cadmium	1	0.5	0.5
34638	68110	Cadmium	1	2.81	2.81
34674	68110	Cadmium	1	0.5	0.5
34696	68110	Cadmium	1	2.19	2.19

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34710	68110	Cadmium	1	1.35	1.35
34733	68110	Cadmium	1	1.7	1.7
34738	68110	Cadmium	1	0.5	0.5
34742	68110	Cadmium	1	1.18	1.18
34821	68110	Cadmium	1	0.27	0.27
35022	68110	Cadmium	1	0.265	0.265
35047	68110	Cadmium	1	0.99	0.99
35180	68110	Cadmium	1	0.871	0.871
35183	68110	Cadmium	1	1.23	1.23
35249	68110	Cadmium	1	0.732	0.732
35384	68110	Cadmium	1	5.8	5.8
35438	68110	Cadmium	1	1.65	1.65
35501	68110	Cadmium	1	2.76	2.76
35558	68110	Cadmium	1	3.65	3.65
35589	68110	Cadmium	1	0.269	0.269
35637	68110	Cadmium	1	4.8	4.8
35710	68110	Cadmium	1	2.29	2.29
35754	68110	Cadmium	1	1.91	1.91
35787	68110	Cadmium	1	3.65	3.65
35792	68110	Cadmium	1	1.72	1.72
35793	68110	Cadmium	1	3.49	3.49
36189	68110	Cadmium	1	0.698	0.698
37075	68110	Cadmium	1	0.3725	0.3725
37434	68110	Cadmium	1	12	12
37456	68110	Cadmium	1	3.06	3.06
37525	68110	Cadmium	1	0.4495	0.4495
37674	68110	Cadmium	1	1.69	1.69
37821	68110	Cadmium	1	0.462	0.462
38725	68110	Cadmium	1	1.1	1.1
38863	68110	Cadmium	1	2.29	2.29
39142	68110	Cadmium	1	1.6	1.6
39271	68110	Cadmium	1	0.876	0.876
39434	68110	Cadmium	1	1.29	1.29
39572	68110	Cadmium	1	1.48	1.48
55636	68110	Cadmium	1	5.8	5.8
74149	68110	Cadmium	1	4.9	4.9
79377	68110	Cadmium	1	5.3	5.3
81398	68110	Cadmium	1	5.2	5.2
81400	68110	Cadmium	1	4.5	4.5
87991	68110	Cadmium	1	5.4	5.4
90908	68110	Cadmium	1	8	8
91449	68110	Cadmium	1	5.8	5.8
92501	68110	Cadmium	1	4.8	4.8
92675	68110	Cadmium	1	5	5
93337	68110	Cadmium	1	4.6	4.6
93338	68110	Cadmium	1	5.1	5.1
93342	68110	Cadmium	1	5.1	5.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
93344	68110	Cadmium	1	5.3	5.3
93345	68110	Cadmium	1	5.5	5.5
2035	68111	Cadmium	1	1.56	1.56
2075	68111	Cadmium	1	1.04	1.04
2103	68111	Cadmium	1	0.5	0.5
2109	68111	Cadmium	1	1	1
2118	68111	Cadmium	1	0.4865	0.4865
2121	68111	Cadmium	1	0.5	0.5
2126	68111	Cadmium	1	0.5	0.5
2154	68111	Cadmium	1	1.01	1.01
2179	68111	Cadmium	1	0.5	0.5
2216	68111	Cadmium	1	1.28	1.28
2225	68111	Cadmium	1	0.5	0.5
2231	68111	Cadmium	1	1.01	1.01
2262	68111	Cadmium	1	2.61	2.61
2365	68111	Cadmium	1	0.432	0.432
2425	68111	Cadmium	1	0.948	0.948
2565	68111	Cadmium	1	1.45	1.45
3046	68111	Cadmium	1	1.11	1.11
3051	68111	Cadmium	1	0.67	0.67
3058	68111	Cadmium	1	0.86	0.86
3091	68111	Cadmium	1	1.09	1.09
3133	68111	Cadmium	1	1.91	1.91
3151	68111	Cadmium	1	1.43	1.43
5013	68111	Cadmium	1	1.02	1.02
5085	68111	Cadmium	1	1.48	1.48
5170	68111	Cadmium	1	0.5	0.5
5171	68111	Cadmium	1	1.06	1.06
5204	68111	Cadmium	1	1.65	1.65
5206	68111	Cadmium	1	0.5	0.5
5208	68111	Cadmium	1	1.74	1.74
5215	68111	Cadmium	1	0.5	0.5
5221	68111	Cadmium	1	2	2
5230	68111	Cadmium	1	0.5	0.5
5232	68111	Cadmium	1	0.5	0.5
5234	68111	Cadmium	1	1.71	1.71
5236	68111	Cadmium	1	1.6	1.6
5238	68111	Cadmium	1	1.24	1.24
5240	68111	Cadmium	1	0.5	0.5
5242	68111	Cadmium	1	1.27	1.27
5246	68111	Cadmium	1	1.46	1.46
5288	68111	Cadmium	1	3.95	3.95
5296	68111	Cadmium	1	0.5	0.5
5330	68111	Cadmium	1	1.93	1.93
5333	68111	Cadmium	1	0.593	0.593
5513	68111	Cadmium	1	0.568	0.568
5514	68111	Cadmium	1	0.292	0.292

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5618	68111	Cadmium	1	0.593	0.593
25647	68111	Cadmium	1	0.2345	0.2345
25663	68111	Cadmium	1	1.5	1.5
25670	68111	Cadmium	1	0.2775	0.2775
25708	68111	Cadmium	1	2.12	2.12
25709	68111	Cadmium	1	0.5	0.5
25750	68111	Cadmium	1	0.5	0.5
25780	68111	Cadmium	1	5.9	5.9
25786	68111	Cadmium	1	0.5	0.5
25794	68111	Cadmium	1	2.84	2.84
25804	68111	Cadmium	1	1.86	1.86
25805	68111	Cadmium	1	2.06	2.06
25834	68111	Cadmium	1	1.34	1.34
25849	68111	Cadmium	1	2.06	2.06
25869	68111	Cadmium	1	0.3485	0.3485
25874	68111	Cadmium	1	0.81	0.81
25877	68111	Cadmium	1	1.2	1.2
25894	68111	Cadmium	1	0.5	0.5
25903	68111	Cadmium	1	0.5	0.5
25918	68111	Cadmium	1	5.1	5.1
25921	68111	Cadmium	1	0.51	0.51
25977	68111	Cadmium	1	0.5	0.5
25985	68111	Cadmium	1	0.605	0.605
26005	68111	Cadmium	1	1.29	1.29
26009	68111	Cadmium	1	1.16	1.16
26011	68111	Cadmium	1	0.679	0.679
26030	68111	Cadmium	1	1.98	1.98
26042	68111	Cadmium	1	0.261	0.261
26043	68111	Cadmium	1	0.5	0.5
26045	68111	Cadmium	1	0.2845	0.2845
26053	68111	Cadmium	1	0.737	0.737
26084	68111	Cadmium	1	7.9	7.9
26100	68111	Cadmium	1	1.54	1.54
26124	68111	Cadmium	1	1.05	1.05
26135	68111	Cadmium	1	0.772	0.772
26142	68111	Cadmium	1	1.26	1.26
26149	68111	Cadmium	1	1.04	1.04
26160	68111	Cadmium	1	0.961	0.961
26164	68111	Cadmium	1	0.5	0.5
26191	68111	Cadmium	1	0.695	0.695
26199	68111	Cadmium	1	0.5	0.5
26202	68111	Cadmium	1	0.288	0.288
26204	68111	Cadmium	1	0.5	0.5
26211	68111	Cadmium	1	0.4485	0.4485
26215	68111	Cadmium	1	0.5	0.5
26228	68111	Cadmium	1	1.1	1.1
26229	68111	Cadmium	1	0.998	0.998

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26231	68111	Cadmium	1	0.6	0.6
26249	68111	Cadmium	1	3.2	3.2
26257	68111	Cadmium	1	3.89	3.89
26263	68111	Cadmium	1	3.1	3.1
26288	68111	Cadmium	1	0.317	0.317
26289	68111	Cadmium	1	2.5	2.5
26290	68111	Cadmium	1	0.5	0.5
26295	68111	Cadmium	1	1.1	1.1
26303	68111	Cadmium	1	0.354	0.354
26327	68111	Cadmium	1	0.2985	0.2985
26372	68111	Cadmium	1	0.5	0.5
26428	68111	Cadmium	1	1.86	1.86
26456	68111	Cadmium	1	0.5	0.5
26459	68111	Cadmium	1	1.04	1.04
26480	68111	Cadmium	1	1.24	1.24
26485	68111	Cadmium	1	2.1	2.1
26514	68111	Cadmium	1	0.5	0.5
26518	68111	Cadmium	1	1.27	1.27
26543	68111	Cadmium	1	0.5	0.5
26570	68111	Cadmium	1	1.74	1.74
26604	68111	Cadmium	1	0.5	0.5
26653	68111	Cadmium	1	2.56	2.56
26663	68111	Cadmium	1	3.4	3.4
26665	68111	Cadmium	1	1.09	1.09
26682	68111	Cadmium	1	0.5	0.5
26695	68111	Cadmium	1	0.5	0.5
26716	68111	Cadmium	1	1.1	1.1
26742	68111	Cadmium	1	1.78	1.78
26757	68111	Cadmium	1	2.61	2.61
26759	68111	Cadmium	1	3.28	3.28
26772	68111	Cadmium	1	0.2495	0.2495
26779	68111	Cadmium	1	1.16	1.16
26783	68111	Cadmium	1	0.915	0.915
26834	68111	Cadmium	1	3.25	3.25
26844	68111	Cadmium	1	1.3	1.3
26858	68111	Cadmium	1	0.2665	0.2665
26865	68111	Cadmium	1	0.5	0.5
26868	68111	Cadmium	1	0.5	0.5
26869	68111	Cadmium	1	2.33	2.33
26877	68111	Cadmium	1	1.85	1.85
26891	68111	Cadmium	1	0.63	0.63
26948	68111	Cadmium	1	0.5	0.5
26955	68111	Cadmium	1	0.5	0.5
26967	68111	Cadmium	1	1.15	1.15
26996	68111	Cadmium	1	1.48	1.48
26997	68111	Cadmium	1	1.32	1.32
26999	68111	Cadmium	1	1.15	1.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27005	68111	Cadmium	1	0.5	0.5
27031	68111	Cadmium	1	0.361	0.361
27038	68111	Cadmium	1	4.2	4.2
27052	68111	Cadmium	1	0.5	0.5
27074	68111	Cadmium	1	0.5	0.5
27096	68111	Cadmium	1	2.97	2.97
27107	68111	Cadmium	1	0.424	0.424
27117	68111	Cadmium	1	0.5	0.5
27120	68111	Cadmium	1	1.95	1.95
27137	68111	Cadmium	1	3.67	3.67
27138	68111	Cadmium	1	4.6	4.6
27139	68111	Cadmium	1	1.08	1.08
27140	68111	Cadmium	1	3.75	3.75
27142	68111	Cadmium	1	0.55	0.55
27144	68111	Cadmium	1	0.5	0.5
27145	68111	Cadmium	1	0.5	0.5
27148	68111	Cadmium	1	1.73	1.73
27177	68111	Cadmium	1	1.07	1.07
27185	68111	Cadmium	1	0.5	0.5
27191	68111	Cadmium	1	2.36	2.36
27193	68111	Cadmium	1	0.33	0.33
27202	68111	Cadmium	1	0.5	0.5
27264	68111	Cadmium	1	6.1	6.1
27266	68111	Cadmium	1	1.47	1.47
27269	68111	Cadmium	1	8.3	8.3
27278	68111	Cadmium	1	0.5	0.5
27308	68111	Cadmium	1	0.5	0.5
27315	68111	Cadmium	1	8.5	8.5
27318	68111	Cadmium	1	2.37	2.37
27342	68111	Cadmium	1	0.283	0.283
27347	68111	Cadmium	1	2.18	2.18
27366	68111	Cadmium	1	0.258	0.258
27369	68111	Cadmium	1	1.08	1.08
27399	68111	Cadmium	1	1.31	1.31
27402	68111	Cadmium	1	7.1	7.1
27446	68111	Cadmium	1	3.9	3.9
27461	68111	Cadmium	1	5.1	5.1
27467	68111	Cadmium	1	0.2655	0.2655
27475	68111	Cadmium	1	2.4	2.4
27481	68111	Cadmium	1	0.5	0.5
27488	68111	Cadmium	1	0.443	0.443
27524	68111	Cadmium	1	0.5	0.5
27567	68111	Cadmium	1	0.263	0.263
27581	68111	Cadmium	1	0.64	0.64
27585	68111	Cadmium	1	1.32	1.32
27604	68111	Cadmium	1	1.45	1.45
27608	68111	Cadmium	1	0.2925	0.2925

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27630	68111	Cadmium	1	2.06	2.06
27632	68111	Cadmium	1	0.5	0.5
27658	68111	Cadmium	1	0.5	0.5
27718	68111	Cadmium	1	0.325	0.325
27734	68111	Cadmium	1	0.5	0.5
27739	68111	Cadmium	1	0.726	0.726
27742	68111	Cadmium	1	5.16	5.16
27764	68111	Cadmium	1	0.5	0.5
27768	68111	Cadmium	1	0.898	0.898
27780	68111	Cadmium	1	2.2	2.2
27854	68111	Cadmium	1	1.04	1.04
27859	68111	Cadmium	1	0.754	0.754
27885	68111	Cadmium	1	0.5	0.5
27886	68111	Cadmium	1	0.5	0.5
27913	68111	Cadmium	1	0.568	0.568
27920	68111	Cadmium	1	0.4995	0.4995
27924	68111	Cadmium	1	0.5	0.5
27939	68111	Cadmium	1	4.08	4.08
27962	68111	Cadmium	1	2.43	2.43
28004	68111	Cadmium	1	3.83	3.83
28011	68111	Cadmium	1	0.5	0.5
28019	68111	Cadmium	1	0.71	0.71
28020	68111	Cadmium	1	3.05	3.05
28022	68111	Cadmium	1	0.2555	0.2555
28045	68111	Cadmium	1	0.81	0.81
28065	68111	Cadmium	1	1.56	1.56
28072	68111	Cadmium	1	0.5	0.5
28105	68111	Cadmium	1	0.815	0.815
28108	68111	Cadmium	1	0.537	0.537
28144	68111	Cadmium	1	3.15	3.15
28148	68111	Cadmium	1	0.5	0.5
28154	68111	Cadmium	1	0.276	0.276
28157	68111	Cadmium	1	3.7	3.7
28185	68111	Cadmium	1	0.55	0.55
28186	68111	Cadmium	1	0.4005	0.4005
28188	68111	Cadmium	1	3.5	3.5
28218	68111	Cadmium	1	1.15	1.15
28222	68111	Cadmium	1	2.12	2.12
28273	68111	Cadmium	1	2.24	2.24
28284	68111	Cadmium	1	0.5	0.5
28329	68111	Cadmium	1	0.319	0.319
28338	68111	Cadmium	1	3.69	3.69
28375	68111	Cadmium	1	2.04	2.04
28377	68111	Cadmium	1	2.53	2.53
28417	68111	Cadmium	1	0.5	0.5
28423	68111	Cadmium	1	5.6	5.6
28434	68111	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28518	68111	Cadmium	1	1.1	1.1
28544	68111	Cadmium	1	3.94	3.94
28558	68111	Cadmium	1	1.01	1.01
28561	68111	Cadmium	1	0.5	0.5
28573	68111	Cadmium	1	1.2	1.2
28611	68111	Cadmium	1	2.66	2.66
28612	68111	Cadmium	1	1.43	1.43
28618	68111	Cadmium	1	1.43	1.43
28623	68111	Cadmium	1	0.2995	0.2995
28625	68111	Cadmium	1	1.01	1.01
28648	68111	Cadmium	1	2.23	2.23
28661	68111	Cadmium	1	0.675	0.675
28688	68111	Cadmium	1	0.5	0.5
28709	68111	Cadmium	1	0.5	0.5
28713	68111	Cadmium	1	1.29	1.29
28725	68111	Cadmium	1	0.775	0.775
28730	68111	Cadmium	1	0.832	0.832
28749	68111	Cadmium	1	3.72	3.72
28763	68111	Cadmium	1	0.2855	0.2855
28764	68111	Cadmium	1	1.06	1.06
28766	68111	Cadmium	1	2.9	2.9
28781	68111	Cadmium	1	1.39	1.39
28785	68111	Cadmium	1	0.2695	0.2695
28798	68111	Cadmium	1	0.5	0.5
28799	68111	Cadmium	1	1.48	1.48
28809	68111	Cadmium	1	0.327	0.327
28811	68111	Cadmium	1	0.5	0.5
28819	68111	Cadmium	1	2.57	2.57
28836	68111	Cadmium	1	3.86	3.86
28837	68111	Cadmium	1	0.2685	0.2685
28841	68111	Cadmium	1	2.81	2.81
28846	68111	Cadmium	1	3.5	3.5
28893	68111	Cadmium	1	2.28	2.28
28909	68111	Cadmium	1	1.51	1.51
28942	68111	Cadmium	1	1.57	1.57
28959	68111	Cadmium	1	1.74	1.74
28963	68111	Cadmium	1	1.35	1.35
28967	68111	Cadmium	1	1.12	1.12
28984	68111	Cadmium	1	0.868	0.868
28991	68111	Cadmium	1	0.7	0.7
29002	68111	Cadmium	1	0.2845	0.2845
29023	68111	Cadmium	1	0.5	0.5
29033	68111	Cadmium	1	1.55	1.55
29037	68111	Cadmium	1	0.5	0.5
29071	68111	Cadmium	1	2.07	2.07
29090	68111	Cadmium	1	7.41	7.41
29101	68111	Cadmium	1	2.25	2.25

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29102	68111	Cadmium	1	0.5	0.5
29105	68111	Cadmium	1	1.27	1.27
29155	68111	Cadmium	1	3.1	3.1
29165	68111	Cadmium	1	4.8	4.8
29175	68111	Cadmium	1	1.18	1.18
29177	68111	Cadmium	1	2.15	2.15
29181	68111	Cadmium	1	1.55	1.55
29204	68111	Cadmium	1	0.5	0.5
29205	68111	Cadmium	1	1.42	1.42
29214	68111	Cadmium	1	1.54	1.54
29220	68111	Cadmium	1	1.77	1.77
29240	68111	Cadmium	1	0.982	0.982
29248	68111	Cadmium	1	1.01	1.01
29274	68111	Cadmium	1	4.8	4.8
29285	68111	Cadmium	1	0.301	0.301
29328	68111	Cadmium	1	0.942	0.942
29343	68111	Cadmium	1	0.843	0.843
29354	68111	Cadmium	1	0.2675	0.2675
29358	68111	Cadmium	1	2.99	2.99
29386	68111	Cadmium	1	0.273	0.273
29409	68111	Cadmium	1	1.38	1.38
29431	68111	Cadmium	1	0.2785	0.2785
29432	68111	Cadmium	1	1.06	1.06
29445	68111	Cadmium	1	1.4	1.4
29469	68111	Cadmium	1	2.03	2.03
29499	68111	Cadmium	1	1.07	1.07
29552	68111	Cadmium	1	0.2695	0.2695
29558	68111	Cadmium	1	0.5	0.5
29578	68111	Cadmium	1	0.282	0.282
29608	68111	Cadmium	1	1.43	1.43
29625	68111	Cadmium	1	0.5	0.5
29633	68111	Cadmium	1	1.97	1.97
29671	68111	Cadmium	1	1.73	1.73
29678	68111	Cadmium	1	0.483	0.483
29683	68111	Cadmium	1	0.668	0.668
29684	68111	Cadmium	1	1.02	1.02
29689	68111	Cadmium	1	1.44	1.44
29717	68111	Cadmium	1	1.9	1.9
29777	68111	Cadmium	1	2.06	2.06
29792	68111	Cadmium	1	0.5	0.5
29806	68111	Cadmium	1	0.31	0.31
29818	68111	Cadmium	1	0.5	0.5
29824	68111	Cadmium	1	2.03	2.03
29826	68111	Cadmium	1	0.5	0.5
29881	68111	Cadmium	1	1.83	1.83
29889	68111	Cadmium	1	1.62	1.62
29910	68111	Cadmium	1	2.92	2.92

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29912	68111	Cadmium	1	1.15	1.15
29927	68111	Cadmium	1	3.7	3.7
29953	68111	Cadmium	1	2.18	2.18
29974	68111	Cadmium	1	0.5	0.5
29978	68111	Cadmium	1	0.3785	0.3785
29991	68111	Cadmium	1	3.16	3.16
29993	68111	Cadmium	1	0.5	0.5
30012	68111	Cadmium	1	1.41	1.41
30045	68111	Cadmium	1	0.685	0.685
30050	68111	Cadmium	1	0.5	0.5
30068	68111	Cadmium	1	1.02	1.02
30078	68111	Cadmium	1	1.73	1.73
30081	68111	Cadmium	1	0.585	0.585
30123	68111	Cadmium	1	2.91	2.91
30130	68111	Cadmium	1	0.2725	0.2725
30133	68111	Cadmium	1	1.36	1.36
30161	68111	Cadmium	1	1.915	1.915
30169	68111	Cadmium	1	2.75	2.75
30171	68111	Cadmium	1	2.14	2.14
30177	68111	Cadmium	1	0.4505	0.4505
30182	68111	Cadmium	1	0.26	0.26
30201	68111	Cadmium	1	1.16	1.16
30220	68111	Cadmium	1	0.266	0.266
30225	68111	Cadmium	1	3.07	3.07
30244	68111	Cadmium	1	4	4
30253	68111	Cadmium	1	0.5	0.5
30345	68111	Cadmium	1	1.03	1.03
30347	68111	Cadmium	1	0.5	0.5
30387	68111	Cadmium	1	0.5	0.5
30417	68111	Cadmium	1	1.5	1.5
30420	68111	Cadmium	1	5.5	5.5
30434	68111	Cadmium	1	0.5	0.5
30455	68111	Cadmium	1	0.439	0.439
30462	68111	Cadmium	1	0.88	0.88
30494	68111	Cadmium	1	0.727	0.727
30521	68111	Cadmium	1	0.2655	0.2655
30526	68111	Cadmium	1	0.5	0.5
30536	68111	Cadmium	1	2.58	2.58
30563	68111	Cadmium	1	0.5	0.5
30580	68111	Cadmium	1	1.49	1.49
30625	68111	Cadmium	1	1.6	1.6
30644	68111	Cadmium	1	0.3715	0.3715
30645	68111	Cadmium	1	1.78	1.78
30683	68111	Cadmium	1	0.5	0.5
30699	68111	Cadmium	1	0.5	0.5
30700	68111	Cadmium	1	0.5	0.5
30714	68111	Cadmium	1	1.55	1.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30757	68111	Cadmium	1	0.976	0.976
30802	68111	Cadmium	1	0.5	0.5
30813	68111	Cadmium	1	3.4	3.4
30817	68111	Cadmium	1	1.2	1.2
30836	68111	Cadmium	1	0.4505	0.4505
30841	68111	Cadmium	1	1.08	1.08
30844	68111	Cadmium	1	1.99	1.99
30881	68111	Cadmium	1	1.06	1.06
30888	68111	Cadmium	1	0.2915	0.2915
30918	68111	Cadmium	1	0.2705	0.2705
30927	68111	Cadmium	1	0.5	0.5
30932	68111	Cadmium	1	1.25	1.25
30933	68111	Cadmium	1	2.03	2.03
30939	68111	Cadmium	1	4.7	4.7
30978	68111	Cadmium	1	4.8	4.8
30991	68111	Cadmium	1	0.697	0.697
30995	68111	Cadmium	1	6.2	6.2
30997	68111	Cadmium	1	0.425	0.425
31008	68111	Cadmium	1	0.565	0.565
31042	68111	Cadmium	1	2.8	2.8
31045	68111	Cadmium	1	0.5	0.5
31046	68111	Cadmium	1	0.5	0.5
31052	68111	Cadmium	1	0.2875	0.2875
31056	68111	Cadmium	1	2.86	2.86
31071	68111	Cadmium	1	0.5	0.5
31074	68111	Cadmium	1	0.5	0.5
31076	68111	Cadmium	1	0.917	0.917
31081	68111	Cadmium	1	0.74	0.74
31102	68111	Cadmium	1	0.52	0.52
31104	68111	Cadmium	1	0.5	0.5
31120	68111	Cadmium	1	2.49	2.49
31129	68111	Cadmium	1	2.7	2.7
31131	68111	Cadmium	1	0.5	0.5
31141	68111	Cadmium	1	1.28	1.28
31145	68111	Cadmium	1	3.76	3.76
31163	68111	Cadmium	1	1.6	1.6
31171	68111	Cadmium	1	0.5	0.5
31176	68111	Cadmium	1	3.74	3.74
31186	68111	Cadmium	1	1.02	1.02
31189	68111	Cadmium	1	0.5	0.5
31192	68111	Cadmium	1	2.65	2.65
31206	68111	Cadmium	1	1.11	1.11
31229	68111	Cadmium	1	0.5	0.5
31237	68111	Cadmium	1	1.17	1.17
31262	68111	Cadmium	1	1.18	1.18
31300	68111	Cadmium	1	0.565	0.565
31303	68111	Cadmium	1	1.77	1.77

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31316	68111	Cadmium	1	1.77	1.77
31357	68111	Cadmium	1	1.57	1.57
31360	68111	Cadmium	1	0.5	0.5
31361	68111	Cadmium	1	2.34	2.34
31362	68111	Cadmium	1	0.63	0.63
31365	68111	Cadmium	1	0.2815	0.2815
31366	68111	Cadmium	1	2.32	2.32
31377	68111	Cadmium	1	1.09	1.09
31398	68111	Cadmium	1	1.72	1.72
31408	68111	Cadmium	1	0.5	0.5
31433	68111	Cadmium	1	1.05	1.05
31442	68111	Cadmium	1	0.277	0.277
31444	68111	Cadmium	1	2.79	2.79
31457	68111	Cadmium	1	0.63	0.63
31478	68111	Cadmium	1	0.5	0.5
31517	68111	Cadmium	1	0.268	0.268
31583	68111	Cadmium	1	0.5	0.5
31603	68111	Cadmium	1	0.5	0.5
31607	68111	Cadmium	1	2.94	2.94
31615	68111	Cadmium	1	0.274	0.274
31695	68111	Cadmium	1	0.5	0.5
31698	68111	Cadmium	1	0.5	0.5
31733	68111	Cadmium	1	0.5	0.5
31740	68111	Cadmium	1	0.5	0.5
31799	68111	Cadmium	1	1.21	1.21
31803	68111	Cadmium	1	1.32	1.32
31823	68111	Cadmium	1	5.7	5.7
31850	68111	Cadmium	1	1.62	1.62
31853	68111	Cadmium	1	0.5	0.5
31854	68111	Cadmium	1	0.655	0.655
31858	68111	Cadmium	1	0.5	0.5
31868	68111	Cadmium	1	0.5	0.5
31871	68111	Cadmium	1	0.5	0.5
31882	68111	Cadmium	1	0.5	0.5
31887	68111	Cadmium	1	0.4635	0.4635
31896	68111	Cadmium	1	3.26	3.26
31899	68111	Cadmium	1	0.5	0.5
31911	68111	Cadmium	1	3.26	3.26
31925	68111	Cadmium	1	2	2
31936	68111	Cadmium	1	1.58	1.58
31964	68111	Cadmium	1	0.5	0.5
31965	68111	Cadmium	1	1.19	1.19
31977	68111	Cadmium	1	0.2625	0.2625
31986	68111	Cadmium	1	2.22	2.22
32001	68111	Cadmium	1	5.8	5.8
32016	68111	Cadmium	1	0.5	0.5
32021	68111	Cadmium	1	0.605	0.605

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32022	68111	Cadmium	1	0.465	0.465
32040	68111	Cadmium	1	2.21	2.21
32046	68111	Cadmium	1	2.26	2.26
32049	68111	Cadmium	1	6.2	6.2
32070	68111	Cadmium	1	5.7	5.7
32081	68111	Cadmium	1	1.16	1.16
32089	68111	Cadmium	1	0.5	0.5
32092	68111	Cadmium	1	5.1	5.1
32153	68111	Cadmium	1	0.2605	0.2605
32162	68111	Cadmium	1	0.5	0.5
32168	68111	Cadmium	1	0.505	0.505
32208	68111	Cadmium	1	0.584	0.584
32228	68111	Cadmium	1	0.5	0.5
32252	68111	Cadmium	1	0.5	0.5
32256	68111	Cadmium	1	1.67	1.67
32261	68111	Cadmium	1	1.68	1.68
32267	68111	Cadmium	1	0.5	0.5
32276	68111	Cadmium	1	2.47	2.47
32277	68111	Cadmium	1	0.3385	0.3385
32283	68111	Cadmium	1	0.283	0.283
32284	68111	Cadmium	1	5.1	5.1
32287	68111	Cadmium	1	1.21	1.21
32293	68111	Cadmium	1	1.15	1.15
32311	68111	Cadmium	1	0.5	0.5
32316	68111	Cadmium	1	4.33	4.33
32325	68111	Cadmium	1	0.2765	0.2765
32339	68111	Cadmium	1	0.882	0.882
32346	68111	Cadmium	1	0.275	0.275
32414	68111	Cadmium	1	3.36	3.36
32418	68111	Cadmium	1	0.5	0.5
32428	68111	Cadmium	1	0.5	0.5
32429	68111	Cadmium	1	3.78	3.78
32441	68111	Cadmium	1	1.44	1.44
32444	68111	Cadmium	1	1.81	1.81
32455	68111	Cadmium	1	2.02	2.02
32456	68111	Cadmium	1	0.5	0.5
32458	68111	Cadmium	1	0.5	0.5
32497	68111	Cadmium	1	2.78	2.78
32502	68111	Cadmium	1	1.1	1.1
32539	68111	Cadmium	1	0.636	0.636
32547	68111	Cadmium	1	0.5	0.5
32562	68111	Cadmium	1	0.289	0.289
32581	68111	Cadmium	1	0.5	0.5
32596	68111	Cadmium	1	1.23	1.23
32633	68111	Cadmium	1	0.575	0.575
32673	68111	Cadmium	1	0.5	0.5
32678	68111	Cadmium	1	1.53	1.53

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32686	68111	Cadmium	1	0.5	0.5
32696	68111	Cadmium	1	3.78	3.78
32702	68111	Cadmium	1	0.5	0.5
32708	68111	Cadmium	1	0.262	0.262
32736	68111	Cadmium	1	1.67	1.67
32775	68111	Cadmium	1	0.5	0.5
32779	68111	Cadmium	1	0.858	0.858
32780	68111	Cadmium	1	0.5	0.5
32783	68111	Cadmium	1	0.2655	0.2655
32818	68111	Cadmium	1	0.2815	0.2815
32847	68111	Cadmium	1	0.5	0.5
32851	68111	Cadmium	1	0.58	0.58
32852	68111	Cadmium	1	1.67	1.67
32874	68111	Cadmium	1	0.5	0.5
32876	68111	Cadmium	1	0.5	0.5
32891	68111	Cadmium	1	0.5	0.5
32896	68111	Cadmium	1	2.51	2.51
32912	68111	Cadmium	1	0.2625	0.2625
32914	68111	Cadmium	1	4	4
32931	68111	Cadmium	1	1.44	1.44
32940	68111	Cadmium	1	0.268	0.268
32949	68111	Cadmium	1	0.5	0.5
32968	68111	Cadmium	1	1.03	1.03
32972	68111	Cadmium	1	0.5	0.5
32973	68111	Cadmium	1	2.59	2.59
32974	68111	Cadmium	1	0.5	0.5
32989	68111	Cadmium	1	1.62	1.62
32992	68111	Cadmium	1	1.39	1.39
33009	68111	Cadmium	1	0.5	0.5
33012	68111	Cadmium	1	1.3	1.3
33014	68111	Cadmium	1	1.13	1.13
33036	68111	Cadmium	1	0.5	0.5
33037	68111	Cadmium	1	1.87	1.87
33042	68111	Cadmium	1	0.2675	0.2675
33043	68111	Cadmium	1	5.5	5.5
33060	68111	Cadmium	1	2.15	2.15
33062	68111	Cadmium	1	2.64	2.64
33120	68111	Cadmium	1	0.5	0.5
33177	68111	Cadmium	1	1.22	1.22
33207	68111	Cadmium	1	0.2805	0.2805
33296	68111	Cadmium	1	1.35	1.35
33314	68111	Cadmium	1	1.35	1.35
33317	68111	Cadmium	1	1	1
33350	68111	Cadmium	1	0.5	0.5
33372	68111	Cadmium	1	5.7	5.7
33392	68111	Cadmium	1	1.26	1.26
33453	68111	Cadmium	1	1.45	1.45

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33456	68111	Cadmium	1	0.261	0.261
33480	68111	Cadmium	1	0.96	0.96
33492	68111	Cadmium	1	0.5	0.5
33600	68111	Cadmium	1	0.257	0.257
33607	68111	Cadmium	1	2.14	2.14
33630	68111	Cadmium	1	0.805	0.805
33631	68111	Cadmium	1	1.29	1.29
33647	68111	Cadmium	1	0.5	0.5
33696	68111	Cadmium	1	0.75	0.75
33711	68111	Cadmium	1	0.425	0.425
33741	68111	Cadmium	1	1.08	1.08
33772	68111	Cadmium	1	0.72	0.72
33803	68111	Cadmium	1	2	2
33805	68111	Cadmium	1	0.5	0.5
33806	68111	Cadmium	1	1.27	1.27
33818	68111	Cadmium	1	1.45	1.45
33831	68111	Cadmium	1	0.288	0.288
33833	68111	Cadmium	1	0.285	0.285
33856	68111	Cadmium	1	1.52	1.52
33863	68111	Cadmium	1	2.69	2.69
33875	68111	Cadmium	1	1.4	1.4
33903	68111	Cadmium	1	0.2695	0.2695
33915	68111	Cadmium	1	1.75	1.75
33947	68111	Cadmium	1	0.5	0.5
33997	68111	Cadmium	1	1.57	1.57
34037	68111	Cadmium	1	0.861	0.861
34040	68111	Cadmium	1	0.5	0.5
34059	68111	Cadmium	1	1.54	1.54
34060	68111	Cadmium	1	1.94	1.94
34075	68111	Cadmium	1	0.5	0.5
34088	68111	Cadmium	1	0.464	0.464
34126	68111	Cadmium	1	1.49	1.49
34128	68111	Cadmium	1	1.99	1.99
34142	68111	Cadmium	1	1.75	1.75
34173	68111	Cadmium	1	0.525	0.525
34179	68111	Cadmium	1	1.24	1.24
34200	68111	Cadmium	1	3.99	3.99
34219	68111	Cadmium	1	5.6	5.6
34222	68111	Cadmium	1	0.5	0.5
34224	68111	Cadmium	1	4.3	4.3
34225	68111	Cadmium	1	4.35	4.35
34247	68111	Cadmium	1	0.5	0.5
34251	68111	Cadmium	1	1.57	1.57
34255	68111	Cadmium	1	2.79	2.79
34257	68111	Cadmium	1	2.46	2.46
34320	68111	Cadmium	1	0.4335	0.4335
34371	68111	Cadmium	1	1.65	1.65

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34377	68111	Cadmium	1	4	4
34387	68111	Cadmium	1	1.49	1.49
34396	68111	Cadmium	1	5.6	5.6
34430	68111	Cadmium	1	0.724	0.724
34444	68111	Cadmium	1	0.5	0.5
34478	68111	Cadmium	1	0.485	0.485
34503	68111	Cadmium	1	0.5	0.5
34560	68111	Cadmium	1	6.3	6.3
34562	68111	Cadmium	1	0.5	0.5
34595	68111	Cadmium	1	6.2	6.2
34621	68111	Cadmium	1	2.01	2.01
34626	68111	Cadmium	1	1.94	1.94
34639	68111	Cadmium	1	0.66	0.66
34663	68111	Cadmium	1	0.888	0.888
34669	68111	Cadmium	1	0.5	0.5
34691	68111	Cadmium	1	0.2575	0.2575
34703	68111	Cadmium	1	1.56	1.56
34766	68111	Cadmium	1	3.66	3.66
34778	68111	Cadmium	1	3.45	3.45
34888	68111	Cadmium	1	1.57	1.57
34892	68111	Cadmium	1	0.278	0.278
34904	68111	Cadmium	1	1.6	1.6
34917	68111	Cadmium	1	0.5	0.5
34923	68111	Cadmium	1	1.4	1.4
34936	68111	Cadmium	1	0.3005	0.3005
34948	68111	Cadmium	1	0.5	0.5
34953	68111	Cadmium	1	1.69	1.69
34985	68111	Cadmium	1	5.1	5.1
34993	68111	Cadmium	1	0.899	0.899
34999	68111	Cadmium	1	1.05	1.05
35003	68111	Cadmium	1	1.9	1.9
35014	68111	Cadmium	1	0.603	0.603
35042	68111	Cadmium	1	4.4	4.4
35043	68111	Cadmium	1	0.565	0.565
35059	68111	Cadmium	1	4.52	4.52
35072	68111	Cadmium	1	0.812	0.812
35095	68111	Cadmium	1	0.5	0.5
35137	68111	Cadmium	1	1.56	1.56
35152	68111	Cadmium	1	0.5	0.5
35223	68111	Cadmium	1	0.5	0.5
35233	68111	Cadmium	1	0.734	0.734
35242	68111	Cadmium	1	1.23	1.23
35252	68111	Cadmium	1	2.16	2.16
35273	68111	Cadmium	1	1.46	1.46
35285	68111	Cadmium	1	1.6	1.6
35287	68111	Cadmium	1	1.85	1.85
35288	68111	Cadmium	1	0.61	0.61

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35290	68111	Cadmium	1	1.42	1.42
35350	68111	Cadmium	1	0.5	0.5
35404	68111	Cadmium	1	3.42	3.42
35417	68111	Cadmium	1	1.6	1.6
35458	68111	Cadmium	1	0.291	0.291
35495	68111	Cadmium	1	0.5	0.5
35503	68111	Cadmium	1	1.54	1.54
35513	68111	Cadmium	1	1.29	1.29
35517	68111	Cadmium	1	5.7	5.7
35536	68111	Cadmium	1	1.6	1.6
35575	68111	Cadmium	1	0.266	0.266
35614	68111	Cadmium	1	0.3095	0.3095
35619	68111	Cadmium	1	1.41	1.41
35786	68111	Cadmium	1	0.702	0.702
35821	68111	Cadmium	1	0.296	0.296
35822	68111	Cadmium	1	0.2905	0.2905
35826	68111	Cadmium	1	0.5	0.5
35830	68111	Cadmium	1	0.5	0.5
35877	68111	Cadmium	1	2.77	2.77
35921	68111	Cadmium	1	0.5	0.5
35935	68111	Cadmium	1	1.43	1.43
35943	68111	Cadmium	1	0.5	0.5
35947	68111	Cadmium	1	0.5	0.5
35964	68111	Cadmium	1	4.6	4.6
35969	68111	Cadmium	1	2.17	2.17
36000	68111	Cadmium	1	1.83	1.83
36007	68111	Cadmium	1	0.5	0.5
36015	68111	Cadmium	1	0.5	0.5
36024	68111	Cadmium	1	2.47	2.47
36040	68111	Cadmium	1	1.49	1.49
36046	68111	Cadmium	1	0.5	0.5
36072	68111	Cadmium	1	1.51	1.51
36093	68111	Cadmium	1	1.4	1.4
36116	68111	Cadmium	1	2.5	2.5
36138	68111	Cadmium	1	0.5	0.5
36167	68111	Cadmium	1	1.14	1.14
36194	68111	Cadmium	1	1.18	1.18
36212	68111	Cadmium	1	1.09	1.09
36238	68111	Cadmium	1	0.974	0.974
36246	68111	Cadmium	1	0.78	0.78
36251	68111	Cadmium	1	0.774	0.774
36257	68111	Cadmium	1	2.3	2.3
36259	68111	Cadmium	1	0.4085	0.4085
36269	68111	Cadmium	1	1.2	1.2
36325	68111	Cadmium	1	0.706	0.706
36356	68111	Cadmium	1	0.79	0.79
36408	68111	Cadmium	1	2.26	2.26

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36410	68111	Cadmium	1	2.1	2.1
36427	68111	Cadmium	1	0.5	0.5
36464	68111	Cadmium	1	1.4	1.4
36467	68111	Cadmium	1	1.93	1.93
36507	68111	Cadmium	1	1.67	1.67
36557	68111	Cadmium	1	1.34	1.34
36574	68111	Cadmium	1	5.8	5.8
36656	68111	Cadmium	1	0.55	0.55
36679	68111	Cadmium	1	5.6	5.6
36701	68111	Cadmium	1	1.44	1.44
36706	68111	Cadmium	1	1.26	1.26
36936	68111	Cadmium	1	0.968	0.968
37023	68111	Cadmium	1	3.63	3.63
37025	68111	Cadmium	1	2.89	2.89
37031	68111	Cadmium	1	4.7	4.7
37036	68111	Cadmium	1	6.1	6.1
37049	68111	Cadmium	1	0.2915	0.2915
37087	68111	Cadmium	1	1.41	1.41
37097	68111	Cadmium	1	2.8	2.8
37156	68111	Cadmium	1	0.4405	0.4405
37189	68111	Cadmium	1	1.13	1.13
37193	68111	Cadmium	1	0.273	0.273
37210	68111	Cadmium	1	0.786	0.786
37219	68111	Cadmium	1	2.54	2.54
37223	68111	Cadmium	1	1.05	1.05
37226	68111	Cadmium	1	5.5	5.5
37276	68111	Cadmium	1	2.61	2.61
37361	68111	Cadmium	1	0.2635	0.2635
37402	68111	Cadmium	1	0.57	0.57
37465	68111	Cadmium	1	0.482	0.482
37470	68111	Cadmium	1	1.16	1.16
37684	68111	Cadmium	1	0.677	0.677
37738	68111	Cadmium	1	2.78	2.78
37756	68111	Cadmium	1	6	6
37907	68111	Cadmium	2	0.9525	1.06
37934	68111	Cadmium	1	0.701	0.701
38007	68111	Cadmium	1	3.3	3.3
38054	68111	Cadmium	1	3.47	3.47
38066	68111	Cadmium	1	1.5	1.5
38087	68111	Cadmium	1	0.2625	0.2625
38202	68111	Cadmium	1	0.946	0.946
38210	68111	Cadmium	1	1.26	1.26
38253	68111	Cadmium	1	0.526	0.526
38261	68111	Cadmium	1	3.21	3.21
38269	68111	Cadmium	1	5.2	5.2
38300	68111	Cadmium	1	4.03	4.03
38363	68111	Cadmium	1	1.63	1.63

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38383	68111	Cadmium	1	1.44	1.44
38407	68111	Cadmium	1	0.63	0.63
38439	68111	Cadmium	1	0.783	0.783
38446	68111	Cadmium	1	0.5	0.5
38449	68111	Cadmium	1	0.2925	0.2925
38527	68111	Cadmium	1	0.977	0.977
38585	68111	Cadmium	1	0.6	0.6
38587	68111	Cadmium	1	0.5	0.5
38721	68111	Cadmium	1	1.93	1.93
38724	68111	Cadmium	1	0.641	0.641
38759	68111	Cadmium	1	1.48	1.48
38780	68111	Cadmium	1	1.05	1.05
38864	68111	Cadmium	1	1.43	1.43
49203	68111	Cadmium	1	2.1	2.1
49313	68111	Cadmium	1	2.89	2.89
49314	68111	Cadmium	1	1.08	1.08
49319	68111	Cadmium	1	8.1	8.1
49341	68111	Cadmium	1	0.256	0.256
49345	68111	Cadmium	1	2.7	2.7
49354	68111	Cadmium	1	5.2	5.2
50024	68111	Cadmium	1	1.15	1.15
50049	68111	Cadmium	1	0.989	0.989
50080	68111	Cadmium	1	0.855	0.855
50105	68111	Cadmium	1	0.754	0.754
50107	68111	Cadmium	1	1.07	1.07
50120	68111	Cadmium	1	1.15	1.15
50146	68111	Cadmium	1	0.5	0.5
50356	68111	Cadmium	1	0.5	0.5
50404	68111	Cadmium	1	1.23	1.23
50410	68111	Cadmium	1	1.21	1.21
50417	68111	Cadmium	1	1.54	1.54
50424	68111	Cadmium	1	0.4995	0.4995
50434	68111	Cadmium	1	0.53	0.53
50447	68111	Cadmium	1	0.258	0.258
63239	68111	Cadmium	1	5.3	5.3
63751	68111	Cadmium	1	4.9	4.9
68070	68111	Cadmium	1	0.764	0.764
68686	68111	Cadmium	1	5.4	5.4
73862	68111	Cadmium	1	4.8	4.8
74664	68111	Cadmium	1	6	6
75011	68111	Cadmium	1	0.902	0.902
77146	68111	Cadmium	1	4.8	4.8
79703	68111	Cadmium	1	5.9	5.9
79704	68111	Cadmium	1	1.5	1.5
87761	68111	Cadmium	1	0.74	0.74
89893	68111	Cadmium	1	5.4	5.4
90107	68111	Cadmium	1	6.1	6.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
91234	68111	Cadmium	1	5.6	5.6
91335	68111	Cadmium	1	6.6	6.6
91926	68111	Cadmium	1	5.4	5.4
2269	68112	Cadmium	1	2.65	2.65
39755	68112	Cadmium	1	0.5	0.5
39951	68112	Cadmium	1	0.705	0.705
40194	68112	Cadmium	1	2.11	2.11
40523	68112	Cadmium	1	1.48	1.48
40879	68112	Cadmium	1	0.274	0.274
2097	68131	Cadmium	1	0.5	0.5
2156	68131	Cadmium	1	0.5	0.5
2165	68131	Cadmium	1	1.9	1.9
5037	68131	Cadmium	1	0.5	0.5
5150	68131	Cadmium	1	1.38	1.38
5153	68131	Cadmium	1	0.5	0.5
5186	68131	Cadmium	1	0.5	0.5
5188	68131	Cadmium	1	1.25	1.25
5195	68131	Cadmium	1	2.19	2.19
5197	68131	Cadmium	1	0.5	0.5
5260	68131	Cadmium	1	0.5	0.5
5272	68131	Cadmium	1	1.03	1.03
5278	68131	Cadmium	1	1	1
5298	68131	Cadmium	1	0.5	0.5
5377	68131	Cadmium	1	0.989	0.989
5379	68131	Cadmium	1	1.01	1.01
5380	68131	Cadmium	1	1.19	1.19
22856	68131	Cadmium	1	2.95	2.95
23003	68131	Cadmium	1	0.5	0.5
23016	68131	Cadmium	1	0.5	0.5
23028	68131	Cadmium	1	0.5	0.5
23072	68131	Cadmium	1	0.675	0.675
23093	68131	Cadmium	1	5.5	5.5
23144	68131	Cadmium	1	0.305	0.305
23145	68131	Cadmium	1	0.55	0.55
23150	68131	Cadmium	1	0.5	0.5
23153	68131	Cadmium	1	1.66	1.66
23211	68131	Cadmium	1	2.17	2.17
23237	68131	Cadmium	1	1.05	1.05
23274	68131	Cadmium	1	0.55	0.55
23280	68131	Cadmium	1	0.5	0.5
23301	68131	Cadmium	1	0.5	0.5
23338	68131	Cadmium	1	1.09	1.09
23344	68131	Cadmium	1	0.595	0.595
23379	68131	Cadmium	1	0.2895	0.2895
23399	68131	Cadmium	1	0.843	0.843
23425	68131	Cadmium	1	0.5	0.5
23433	68131	Cadmium	1	5.9	5.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23442	68131	Cadmium	1	0.2535	0.2535
23460	68131	Cadmium	1	0.5	0.5
23502	68131	Cadmium	1	2.4	2.4
23512	68131	Cadmium	1	1.67	1.67
23532	68131	Cadmium	1	0.5	0.5
23537	68131	Cadmium	1	0.5	0.5
23539	68131	Cadmium	1	0.267	0.267
23577	68131	Cadmium	1	1.03	1.03
23580	68131	Cadmium	1	1.35	1.35
23584	68131	Cadmium	1	2.6	2.6
23586	68131	Cadmium	1	0.5	0.5
23611	68131	Cadmium	1	7.73	7.73
23634	68131	Cadmium	1	0.5	0.5
23673	68131	Cadmium	1	2.59	2.59
23675	68131	Cadmium	1	0.2795	0.2795
23700	68131	Cadmium	1	0.5	0.5
23742	68131	Cadmium	1	6.1	6.1
23786	68131	Cadmium	1	5.7	5.7
23788	68131	Cadmium	1	4.22	4.22
23790	68131	Cadmium	1	0.2575	0.2575
23817	68131	Cadmium	1	1.61	1.61
23822	68131	Cadmium	1	3.17	3.17
23824	68131	Cadmium	1	0.744	0.744
23845	68131	Cadmium	1	4.14	4.14
23872	68131	Cadmium	1	0.5	0.5
23895	68131	Cadmium	1	1.69	1.69
23899	68131	Cadmium	1	0.5	0.5
23922	68131	Cadmium	1	0.256	0.256
23930	68131	Cadmium	1	1.36	1.36
23961	68131	Cadmium	1	1.39	1.39
23967	68131	Cadmium	1	0.545	0.545
23968	68131	Cadmium	1	1.59	1.59
23985	68131	Cadmium	1	1.05	1.05
23986	68131	Cadmium	1	0.5	0.5
24000	68131	Cadmium	1	2.47	2.47
24010	68131	Cadmium	1	0.5	0.5
24019	68131	Cadmium	1	0.5	0.5
24027	68131	Cadmium	1	3.39	3.39
24098	68131	Cadmium	1	3.59	3.59
24109	68131	Cadmium	1	1.21	1.21
24119	68131	Cadmium	1	1.75	1.75
24126	68131	Cadmium	1	2.5	2.5
24132	68131	Cadmium	1	1.2	1.2
24141	68131	Cadmium	1	0.5	0.5
24156	68131	Cadmium	1	0.5	0.5
24162	68131	Cadmium	1	1.29	1.29
24182	68131	Cadmium	1	0.865	0.865

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24190	68131	Cadmium	1	0.75	0.75
24214	68131	Cadmium	1	4	4
24240	68131	Cadmium	1	0.5	0.5
24272	68131	Cadmium	1	1.66	1.66
24274	68131	Cadmium	1	0.5	0.5
24277	68131	Cadmium	1	3.65	3.65
24334	68131	Cadmium	1	0.5	0.5
24348	68131	Cadmium	1	2.75	2.75
24357	68131	Cadmium	1	1.44	1.44
24358	68131	Cadmium	1	0.5	0.5
24367	68131	Cadmium	1	0.5	0.5
24370	68131	Cadmium	1	2.03	2.03
24374	68131	Cadmium	1	0.5	0.5
24376	68131	Cadmium	1	0.985	0.985
24390	68131	Cadmium	1	0.5	0.5
24396	68131	Cadmium	1	5.1	5.1
24411	68131	Cadmium	1	0.665	0.665
24451	68131	Cadmium	1	0.641	0.641
24457	68131	Cadmium	1	0.9	0.9
24577	68131	Cadmium	1	3.81	3.81
24601	68131	Cadmium	1	0.5	0.5
24605	68131	Cadmium	1	0.28	0.28
24635	68131	Cadmium	1	2.91	2.91
24640	68131	Cadmium	1	0.55	0.55
24655	68131	Cadmium	1	0.66	0.66
24674	68131	Cadmium	1	3.15	3.15
24692	68131	Cadmium	1	1.17	1.17
24693	68131	Cadmium	1	1.34	1.34
24703	68131	Cadmium	1	2.36	2.36
24740	68131	Cadmium	1	1.23	1.23
24751	68131	Cadmium	1	0.5	0.5
24757	68131	Cadmium	1	0.5	0.5
24768	68131	Cadmium	1	4.9	4.9
24776	68131	Cadmium	1	0.2765	0.2765
24794	68131	Cadmium	1	2.1	2.1
24800	68131	Cadmium	1	0.5	0.5
24808	68131	Cadmium	1	3.6	3.6
24887	68131	Cadmium	1	4.71	4.71
24896	68131	Cadmium	1	0.5	0.5
24931	68131	Cadmium	1	0.5	0.5
24958	68131	Cadmium	1	2.73	2.73
24962	68131	Cadmium	1	0.265	0.265
24964	68131	Cadmium	1	0.2615	0.2615
25005	68131	Cadmium	1	0.5	0.5
25009	68131	Cadmium	1	2.62	2.62
25061	68131	Cadmium	1	0.64	0.64
25063	68131	Cadmium	1	0.831	0.831

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25078	68131	Cadmium	1	0.77	0.77
25096	68131	Cadmium	1	0.465	0.465
25130	68131	Cadmium	1	1.94	1.94
25133	68131	Cadmium	1	1.58	1.58
25137	68131	Cadmium	1	3.45	3.45
25167	68131	Cadmium	1	0.4935	0.4935
25185	68131	Cadmium	1	1.1	1.1
25189	68131	Cadmium	1	1.55	1.55
25193	68131	Cadmium	1	0.5	0.5
25202	68131	Cadmium	1	0.266	0.266
25204	68131	Cadmium	1	1.57	1.57
25231	68131	Cadmium	1	3.22	3.22
25242	68131	Cadmium	1	0.5	0.5
25281	68131	Cadmium	1	5.13	5.13
25285	68131	Cadmium	1	1.48	1.48
25296	68131	Cadmium	1	0.59	0.59
25315	68131	Cadmium	1	0.4565	0.4565
25324	68131	Cadmium	1	1.3	1.3
25329	68131	Cadmium	1	1.67	1.67
25331	68131	Cadmium	1	1.36	1.36
25335	68131	Cadmium	1	0.5	0.5
25337	68131	Cadmium	1	1.8	1.8
25385	68131	Cadmium	1	1.74	1.74
25391	68131	Cadmium	1	1.38	1.38
25410	68131	Cadmium	1	2.64	2.64
25425	68131	Cadmium	1	1.27	1.27
25456	68131	Cadmium	1	0.5	0.5
25547	68131	Cadmium	1	0.726	0.726
25554	68131	Cadmium	1	0.654	0.654
25558	68131	Cadmium	1	0.5	0.5
25579	68131	Cadmium	1	0.439	0.439
25604	68131	Cadmium	1	0.2895	0.2895
25607	68131	Cadmium	1	7.81	7.81
25634	68131	Cadmium	1	3.5	3.5
25657	68131	Cadmium	1	1.44	1.44
50446	68131	Cadmium	1	0.5	0.5
89514	68131	Cadmium	1	5.4	5.4
93114	68131	Cadmium	1	6.2	6.2
93413	68131	Cadmium	1	4	4
93419	68131	Cadmium	1	4.6	4.6
5139	68132	Cadmium	1	0.5	0.5
5140	68132	Cadmium	1	2.31	2.31
5313	68132	Cadmium	1	1.84	1.84
5317	68132	Cadmium	1	0.5	0.5
49490	68132	Cadmium	1	0.5	0.5
49500	68132	Cadmium	1	0.5	0.5
49505	68132	Cadmium	1	0.45	0.45

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49521	68132	Cadmium	1	5.3	5.3
49544	68132	Cadmium	1	1.06	1.06
49558	68132	Cadmium	1	1.64	1.64
49578	68132	Cadmium	1	1.4	1.4
49618	68132	Cadmium	1	1.84	1.84
49625	68132	Cadmium	1	0.62	0.62
49627	68132	Cadmium	1	0.97	0.97
49628	68132	Cadmium	1	3.2	3.2
49642	68132	Cadmium	1	0.575	0.575
49663	68132	Cadmium	1	1.55	1.55
49671	68132	Cadmium	1	0.935	0.935
49672	68132	Cadmium	1	2.46	2.46
49676	68132	Cadmium	1	0.3625	0.3625
49678	68132	Cadmium	1	1.18	1.18
49682	68132	Cadmium	1	2.8	2.8
49697	68132	Cadmium	1	0.64	0.64
49701	68132	Cadmium	1	1.39	1.39
49704	68132	Cadmium	1	1.4	1.4
49716	68132	Cadmium	1	1.21	1.21
49717	68132	Cadmium	1	0.55	0.55
49724	68132	Cadmium	1	1.13	1.13
49725	68132	Cadmium	1	0.515	0.515
49726	68132	Cadmium	1	3.36	3.36
49727	68132	Cadmium	1	0.459	0.459
49736	68132	Cadmium	1	2.9	2.9
49739	68132	Cadmium	1	2.4	2.4
49759	68132	Cadmium	1	2.75	2.75
49760	68132	Cadmium	1	1.67	1.67
49774	68132	Cadmium	1	0.2645	0.2645
49781	68132	Cadmium	1	0.881	0.881
49783	68132	Cadmium	1	0.848	0.848
49793	68132	Cadmium	1	1.66	1.66
49800	68132	Cadmium	1	1.2	1.2
49806	68132	Cadmium	1	1.81	1.81
49812	68132	Cadmium	1	0.806	0.806
49819	68132	Cadmium	1	0.557	0.557
49833	68132	Cadmium	1	0.695	0.695
49846	68132	Cadmium	1	0.801	0.801
49852	68132	Cadmium	1	5.65	5.65
49853	68132	Cadmium	1	0.515	0.515
49855	68132	Cadmium	1	0.694	0.694
49863	68132	Cadmium	1	0.28	0.28
49884	68132	Cadmium	1	1.46	1.46
49892	68132	Cadmium	1	0.378	0.378
49902	68132	Cadmium	1	0.3425	0.3425
49907	68132	Cadmium	1	0.602	0.602
49911	68132	Cadmium	1	1.15	1.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49913	68132	Cadmium	1	0.664	0.664
49918	68132	Cadmium	1	2.13	2.13
49922	68132	Cadmium	1	0.52	0.52
49929	68132	Cadmium	1	0.273	0.273
49931	68132	Cadmium	1	1.11	1.11
49936	68132	Cadmium	1	0.5	0.5
49941	68132	Cadmium	1	2.7	2.7
49943	68132	Cadmium	1	1.17	1.17
49953	68132	Cadmium	1	0.609	0.609
49956	68132	Cadmium	1	0.645	0.645
49958	68132	Cadmium	1	0.63	0.63
49961	68132	Cadmium	1	0.29	0.29
49971	68132	Cadmium	1	0.73	0.73
49974	68132	Cadmium	1	1.18	1.18
49986	68132	Cadmium	1	1.28	1.28
49994	68132	Cadmium	1	1.7	1.7
49995	68132	Cadmium	1	1.4	1.4
50479	68132	Cadmium	1	0.5	0.5
50484	68132	Cadmium	1	0.5	0.5
50485	68132	Cadmium	1	1.58	1.58
50536	68132	Cadmium	1	2.19	2.19
51190	68132	Cadmium	1	0.5	0.5
51214	68132	Cadmium	1	0.5	0.5
51217	68132	Cadmium	1	1.76	1.76
51225	68132	Cadmium	1	1.295	1.295
51228	68132	Cadmium	1	1.05	1.05
51234	68132	Cadmium	1	0.5	0.5
51256	68132	Cadmium	1	0.5	0.5
51263	68132	Cadmium	1	0.5	0.5
51270	68132	Cadmium	1	0.5	0.5
51278	68132	Cadmium	1	0.585	0.585
51280	68132	Cadmium	1	0.3885	0.3885
51327	68132	Cadmium	1	2.6	2.6
51349	68132	Cadmium	1	0.2405	0.2405
51361	68132	Cadmium	1	0.724	0.724
51369	68132	Cadmium	1	0.871	0.871
51381	68132	Cadmium	1	3.8	3.8
51391	68132	Cadmium	1	1.45	1.45
51392	68132	Cadmium	1	0.805	0.805
51394	68132	Cadmium	1	0.3315	0.3315
51401	68132	Cadmium	1	1.6	1.6
51412	68132	Cadmium	1	3.2	3.2
51437	68132	Cadmium	1	0.75	0.75
51440	68132	Cadmium	1	3.78	3.78
51457	68132	Cadmium	1	1.28	1.28
51483	68132	Cadmium	1	0.3425	0.3425
51492	68132	Cadmium	1	0.282	0.282

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51504	68132	Cadmium	1	1.4	1.4
51512	68132	Cadmium	1	1.73	1.73
51519	68132	Cadmium	1	0.2695	0.2695
51525	68132	Cadmium	1	5.2	5.2
51544	68132	Cadmium	1	5.9	5.9
51546	68132	Cadmium	1	1.77	1.77
51551	68132	Cadmium	1	1.06	1.06
51569	68132	Cadmium	1	1.82	1.82
51587	68132	Cadmium	1	1.06	1.06
51588	68132	Cadmium	1	3.2	3.2
51598	68132	Cadmium	1	1.44	1.44
51600	68132	Cadmium	1	1.35	1.35
51607	68132	Cadmium	1	0.5	0.5
51630	68132	Cadmium	1	3.5	3.5
51640	68132	Cadmium	1	0.535	0.535
51645	68132	Cadmium	1	1.53	1.53
51646	68132	Cadmium	1	1.23	1.23
51659	68132	Cadmium	1	1.14	1.14
51667	68132	Cadmium	1	3.21	3.21
51671	68132	Cadmium	1	0.665	0.665
51676	68132	Cadmium	1	1.23	1.23
51705	68132	Cadmium	1	2.36	2.36
51706	68132	Cadmium	1	1.39	1.39
51708	68132	Cadmium	1	0.5	0.5
51710	68132	Cadmium	1	0.55	0.55
51712	68132	Cadmium	1	1.2	1.2
51735	68132	Cadmium	1	3.7	3.7
51750	68132	Cadmium	1	1.5	1.5
51752	68132	Cadmium	1	0.5	0.5
51767	68132	Cadmium	1	0.5	0.5
51769	68132	Cadmium	1	0.3885	0.3885
51779	68132	Cadmium	1	0.5	0.5
51780	68132	Cadmium	1	1.5	1.5
51785	68132	Cadmium	1	0.5	0.5
51790	68132	Cadmium	1	0.855	0.855
51800	68132	Cadmium	1	0.5	0.5
51803	68132	Cadmium	1	0.5	0.5
51805	68132	Cadmium	1	5.2	5.2
51807	68132	Cadmium	1	4.9	4.9
51808	68132	Cadmium	1	0.5	0.5
51820	68132	Cadmium	1	0.5	0.5
51829	68132	Cadmium	1	0.5	0.5
51840	68132	Cadmium	1	1.47	1.47
51844	68132	Cadmium	1	6.4	6.4
51846	68132	Cadmium	1	3.2	3.2
51847	68132	Cadmium	1	3	3
51854	68132	Cadmium	1	1.2	1.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51855	68132	Cadmium	1	0.5	0.5
51857	68132	Cadmium	1	0.5	0.5
51861	68132	Cadmium	1	0.5	0.5
51863	68132	Cadmium	1	0.5	0.5
51866	68132	Cadmium	1	0.565	0.565
51872	68132	Cadmium	1	0.5	0.5
51897	68132	Cadmium	1	0.5	0.5
51918	68132	Cadmium	1	0.726	0.726
51921	68132	Cadmium	1	0.571	0.571
51938	68132	Cadmium	1	0.3035	0.3035
51946	68132	Cadmium	1	5.2	5.2
51949	68132	Cadmium	1	2.9	2.9
51959	68132	Cadmium	1	3.55	3.55
51960	68132	Cadmium	1	5.6	5.6
51972	68132	Cadmium	1	0.5	0.5
51990	68132	Cadmium	1	5.2	5.2
51997	68132	Cadmium	1	6.07	6.07
52023	68132	Cadmium	1	0.5	0.5
52035	68132	Cadmium	1	1.01	1.01
52046	68132	Cadmium	1	1.7	1.7
52054	68132	Cadmium	1	2.03	2.03
52059	68132	Cadmium	1	0.45	0.45
52075	68132	Cadmium	1	0.478	0.478
52078	68132	Cadmium	1	0.3145	0.3145
52080	68132	Cadmium	1	0.988	0.988
52085	68132	Cadmium	1	1.3	1.3
52090	68132	Cadmium	1	0.76	0.76
52091	68132	Cadmium	1	1.8	1.8
52097	68132	Cadmium	1	0.277	0.277
52101	68132	Cadmium	1	0.267	0.267
52106	68132	Cadmium	1	1.43	1.43
52112	68132	Cadmium	1	0.2665	0.2665
52119	68132	Cadmium	1	1.49	1.49
52122	68132	Cadmium	1	3.1	3.1
52128	68132	Cadmium	1	5.3	5.3
52129	68132	Cadmium	1	3.57	3.57
52137	68132	Cadmium	1	0.296	0.296
52140	68132	Cadmium	1	0.886	0.886
52141	68132	Cadmium	1	1.4	1.4
52150	68132	Cadmium	1	0.2885	0.2885
52155	68132	Cadmium	2	4.05	5.2
52158	68132	Cadmium	1	2.82	2.82
52166	68132	Cadmium	1	1.63	1.63
52167	68132	Cadmium	1	0.2645	0.2645
52177	68132	Cadmium	1	1.83	1.83
52178	68132	Cadmium	1	1.39	1.39
52181	68132	Cadmium	1	0.5	0.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52186	68132	Cadmium	1	1.23	1.23
52187	68132	Cadmium	1	1.7	1.7
52190	68132	Cadmium	1	0.283	0.283
52192	68132	Cadmium	1	4.7	4.7
52198	68132	Cadmium	1	2.7	2.7
52202	68132	Cadmium	1	0.695	0.695
52206	68132	Cadmium	1	3.39	3.39
52214	68132	Cadmium	1	1.02	1.02
52226	68132	Cadmium	1	3.33	3.33
52228	68132	Cadmium	1	0.397	0.397
52243	68132	Cadmium	1	2.92	2.92
52244	68132	Cadmium	1	0.5	0.5
52246	68132	Cadmium	1	0.768	0.768
52327	68132	Cadmium	1	3.03	3.03
52336	68132	Cadmium	1	3.89	3.89
52356	68132	Cadmium	1	3.58	3.58
52357	68132	Cadmium	1	5.4	5.4
52367	68132	Cadmium	1	1.05	1.05
52378	68132	Cadmium	1	0.283	0.283
52386	68132	Cadmium	1	5.1	5.1
52387	68132	Cadmium	1	0.634	0.634
52411	68132	Cadmium	1	1.12	1.12
63007	68132	Cadmium	1	7.6	7.6
66781	68132	Cadmium	1	5.6	5.6
66791	68132	Cadmium	1	5.7	5.7
92431	68132	Cadmium	1	5.3	5.3
2133	68104	Calcium	1	5120	5120
5026	68104	Calcium	1	6710	6710
5143	68104	Calcium	1	4060	4060
5144	68104	Calcium	1	4290	4290
5145	68104	Calcium	1	6640	6640
5147	68104	Calcium	1	4660	4660
2229	68105	Calcium	1	7550	7550
2299	68105	Calcium	1	6460	6460
2300	68105	Calcium	1	8270	8270
2308	68105	Calcium	1	8460	8460
3076	68105	Calcium	1	8770	8770
3118	68105	Calcium	1	5030	5030
5054	68105	Calcium	1	14900	14900
5057	68105	Calcium	1	9930	9930
5105	68105	Calcium	1	5090	5090
5109	68105	Calcium	1	5290	5290
5110	68105	Calcium	1	3870	3870
5112	68105	Calcium	1	3470	3470
5117	68105	Calcium	1	10200	10200
5123	68105	Calcium	1	4800	4800
5128	68105	Calcium	1	4440	4440

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5129	68105	Calcium	1	11200	11200
5132	68105	Calcium	1	3130	3130
5134	68105	Calcium	1	5260	5260
5338	68105	Calcium	1	11100	11100
5347	68105	Calcium	1	7000	7000
5351	68105	Calcium	1	6.4	6.4
5352	68105	Calcium	1	8130	8130
5355	68105	Calcium	1	16400	16400
5356	68105	Calcium	1	5630	5630
5357	68105	Calcium	1	7890	7890
5359	68105	Calcium	1	5970	5970
5361	68105	Calcium	1	4870	4870
5363	68105	Calcium	1	16500	16500
5364	68105	Calcium	1	11000	11000
5365	68105	Calcium	1	5840	5840
5367	68105	Calcium	1	16000	16000
5486	68105	Calcium	1	7250	7250
5488	68105	Calcium	1	3070	3070
5489	68105	Calcium	1	6880	6880
5495	68105	Calcium	1	9740	9740
5509	68105	Calcium	1	6970	6970
5610	68105	Calcium	1	10200	10200
2030	68107	Calcium	1	3820	3820
2038	68107	Calcium	1	5690	5690
2104	68107	Calcium	1	63200	63200
2124	68107	Calcium	1	15400	15400
2167	68107	Calcium	1	5780	5780
2206	68107	Calcium	1	10400	10400
2252	68107	Calcium	1	6700	6700
2273	68107	Calcium	1	8990	8990
2292	68107	Calcium	1	5970	5970
3003	68107	Calcium	1	7910	7910
3021	68107	Calcium	1	5990	5990
3074	68107	Calcium	1	7350	7350
3121	68107	Calcium	1	16300	16300
5066	68107	Calcium	1	11400	11400
5076	68107	Calcium	1	6890	6890
5130	68107	Calcium	1	2830	2830
5157	68107	Calcium	1	10000	10000
5159	68107	Calcium	1	9130	9130
5161	68107	Calcium	1	8450	8450
5163	68107	Calcium	1	8910	8910
5165	68107	Calcium	1	7640	7640
5166	68107	Calcium	1	9500	9500
5172	68107	Calcium	1	75400	75400
5176	68107	Calcium	1	5580	5580
5178	68107	Calcium	1	5650	5650

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5180	68107	Calcium	1	5260	5260
5182	68107	Calcium	1	20600	20600
5183	68107	Calcium	1	5280	5280
5185	68107	Calcium	1	4710	4710
5211	68107	Calcium	1	3500	3500
5212	68107	Calcium	1	7650	7650
2170	68108	Calcium	1	4500	4500
5225	68108	Calcium	1	5150	5150
5227	68108	Calcium	1	20200	20200
5229	68108	Calcium	1	10800	10800
5284	68108	Calcium	1	7640	7640
5300	68108	Calcium	1	13100	13100
5304	68108	Calcium	1	4470	4470
5306	68108	Calcium	1	7480	7480
5332	68108	Calcium	1	4010	4010
5387	68108	Calcium	1	10700	10700
5390	68108	Calcium	1	6220	6220
5394	68108	Calcium	1	11500	11500
5395	68108	Calcium	1	9870	9870
5398	68108	Calcium	1	10200	10200
5403	68108	Calcium	1	15200	15200
5407	68108	Calcium	1	17800	17800
5408	68108	Calcium	1	11600	11600
5409	68108	Calcium	1	3810	3810
5416	68108	Calcium	1	6450	6450
5418	68108	Calcium	1	8950	8950
5422	68108	Calcium	1	10900	10900
5425	68108	Calcium	1	7900	7900
5426	68108	Calcium	1	15000	15000
5427	68108	Calcium	1	4670	4670
5429	68108	Calcium	1	13500	13500
5431	68108	Calcium	1	4760	4760
5432	68108	Calcium	1	15700	15700
5449	68108	Calcium	1	10900	10900
5450	68108	Calcium	1	9360	9360
5454	68108	Calcium	1	11800	11800
5460	68108	Calcium	1	7560	7560
5463	68108	Calcium	1	16800	16800
5467	68108	Calcium	1	5170	5170
5472	68108	Calcium	1	9050	9050
5473	68108	Calcium	1	23300	23300
5474	68108	Calcium	1	10300	10300
5480	68108	Calcium	1	10800	10800
5483	68108	Calcium	1	10300	10300
5485	68108	Calcium	1	12100	12100
5492	68108	Calcium	1	12800	12800
5505	68108	Calcium	1	8080	8080

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5572	68108	Calcium	1	8130	8130
5607	68108	Calcium	1	15400	15400
5608	68108	Calcium	1	14800	14800
5623	68108	Calcium	1	8130	8130
5628	68108	Calcium	1	14200	14200
5630	68108	Calcium	1	6410	6410
5636	68108	Calcium	1	7680	7680
5637	68108	Calcium	1	14600	14600
5652	68108	Calcium	1	5760	5760
2069	68110	Calcium	1	6590	6590
2280	68110	Calcium	1	7350	7350
2354	68110	Calcium	1	7560	7560
3136	68110	Calcium	1	8260	8260
5258	68110	Calcium	1	7790	7790
5388	68110	Calcium	1	6970	6970
5520	68110	Calcium	1	7910	7910
5525	68110	Calcium	1	13200	13200
5527	68110	Calcium	1	9310	9310
5530	68110	Calcium	1	7060	7060
5532	68110	Calcium	1	6670	6670
5536	68110	Calcium	1	5890	5890
5541	68110	Calcium	1	6960	6960
5544	68110	Calcium	1	6920	6920
5546	68110	Calcium	1	9210	9210
5551	68110	Calcium	1	6040	6040
5559	68110	Calcium	1	4230	4230
5560	68110	Calcium	1	6700	6700
5561	68110	Calcium	1	7290	7290
5563	68110	Calcium	1	7960	7960
5565	68110	Calcium	1	6480	6480
5566	68110	Calcium	1	5880	5880
5612	68110	Calcium	1	6820	6820
5614	68110	Calcium	1	9020	9020
5641	68110	Calcium	1	10700	10700
5651	68110	Calcium	1	7900	7900
2035	68111	Calcium	1	6510	6510
2075	68111	Calcium	1	5530	5530
2103	68111	Calcium	1	16400	16400
2109	68111	Calcium	1	5680	5680
2121	68111	Calcium	1	6820	6820
2126	68111	Calcium	1	3720	3720
2154	68111	Calcium	1	5890	5890
2179	68111	Calcium	1	7500	7500
2216	68111	Calcium	1	5890	5890
2225	68111	Calcium	1	7850	7850
2231	68111	Calcium	1	45600	45600
2262	68111	Calcium	1	8560	8560

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2365	68111	Calcium	1	11100	11100
3046	68111	Calcium	1	13800	13800
3051	68111	Calcium	1	8860	8860
3058	68111	Calcium	1	7940	7940
3091	68111	Calcium	1	10900	10900
3133	68111	Calcium	1	11500	11500
3151	68111	Calcium	1	26200	26200
5013	68111	Calcium	1	13900	13900
5085	68111	Calcium	1	4250	4250
5170	68111	Calcium	1	6640	6640
5171	68111	Calcium	1	10000	10000
5204	68111	Calcium	1	6070	6070
5206	68111	Calcium	1	5850	5850
5208	68111	Calcium	1	8090	8090
5215	68111	Calcium	1	5420	5420
5221	68111	Calcium	1	8590	8590
5230	68111	Calcium	1	4400	4400
5232	68111	Calcium	1	5650	5650
5234	68111	Calcium	1	7570	7570
5236	68111	Calcium	1	13900	13900
5238	68111	Calcium	1	12200	12200
5240	68111	Calcium	1	5900	5900
5242	68111	Calcium	1	38800	38800
5246	68111	Calcium	1	12000	12000
5288	68111	Calcium	1	7280	7280
5296	68111	Calcium	1	14300	14300
5330	68111	Calcium	1	5640	5640
5333	68111	Calcium	1	22700	22700
5513	68111	Calcium	1	5900	5900
5514	68111	Calcium	1	5600	5600
5618	68111	Calcium	1	5130	5130
2269	68112	Calcium	1	8930	8930
2097	68131	Calcium	1	11500	11500
2156	68131	Calcium	1	14300	14300
5037	68131	Calcium	1	20800	20800
5150	68131	Calcium	1	8560	8560
5153	68131	Calcium	1	7760	7760
5186	68131	Calcium	1	9990	9990
5188	68131	Calcium	1	5090	5090
5195	68131	Calcium	1	6960	6960
5197	68131	Calcium	1	10400	10400
5260	68131	Calcium	1	7310	7310
5272	68131	Calcium	1	6530	6530
5278	68131	Calcium	1	4640	4640
5298	68131	Calcium	1	4820	4820
5377	68131	Calcium	1	9180	9180
5379	68131	Calcium	1	14500	14500

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5380	68131	Calcium	1	8400	8400
5139	68132	Calcium	1	4970	4970
5140	68132	Calcium	1	10000	10000
5313	68132	Calcium	1	20600	20600
5317	68132	Calcium	1	3580	3580
22493	68102	Chromium	1	18.5	18.5
25567	68102	Chromium	1	11.6	11.6
25717	68102	Chromium	1	11.9	11.9
25720	68102	Chromium	1	13	13
25914	68102	Chromium	1	14.4	14.4
90101	68102	Chromium	1	12	12
2133	68104	Chromium	1	14.5	14.5
5026	68104	Chromium	1	14.4	14.4
5143	68104	Chromium	1	41.1	41.1
5144	68104	Chromium	1	56.3	56.3
5145	68104	Chromium	1	11.1	11.1
5147	68104	Chromium	1	11.1	11.1
50647	68104	Chromium	1	18.1	18.1
1626	68105	Chromium	1	14.7	14.7
2229	68105	Chromium	1	14.5	14.5
2299	68105	Chromium	1	14.3	14.3
2300	68105	Chromium	1	14.7	14.7
2308	68105	Chromium	1	12.3	12.3
2441	68105	Chromium	1	20.9	20.9
2448	68105	Chromium	1	5.4	5.4
2465	68105	Chromium	1	13.8	13.8
3076	68105	Chromium	1	12.2	12.2
3118	68105	Chromium	1	15.5	15.5
5054	68105	Chromium	1	22.3	22.3
5057	68105	Chromium	1	20.7	20.7
5105	68105	Chromium	1	14	14
5109	68105	Chromium	1	51.5	51.5
5110	68105	Chromium	1	19.2	19.2
5112	68105	Chromium	1	39.2	39.2
5117	68105	Chromium	1	17.2	17.2
5123	68105	Chromium	1	15.5	15.5
5128	68105	Chromium	1	17.9	17.9
5129	68105	Chromium	1	18.4	18.4
5132	68105	Chromium	1	18.6	18.6
5134	68105	Chromium	1	21.5	21.5
5325	68105	Chromium	1	18.4	18.4
5338	68105	Chromium	1	84.5	84.5
5347	68105	Chromium	1	16.3	16.3
5351	68105	Chromium	1	0.128	0.128
5352	68105	Chromium	1	19.8	19.8
5355	68105	Chromium	1	26.7	26.7
5356	68105	Chromium	1	17.3	17.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5357	68105	Chromium	1	21.1	21.1
5359	68105	Chromium	1	11.4	11.4
5361	68105	Chromium	1	15.6	15.6
5363	68105	Chromium	1	21.8	21.8
5364	68105	Chromium	1	101	101
5365	68105	Chromium	1	56.5	56.5
5367	68105	Chromium	1	13.6	13.6
5486	68105	Chromium	1	14.3	14.3
5488	68105	Chromium	1	19	19
5489	68105	Chromium	1	44.9	44.9
5495	68105	Chromium	1	141	141
5509	68105	Chromium	1	16	16
5610	68105	Chromium	1	17.7	17.7
12784	68105	Chromium	1	11.7	11.7
12864	68105	Chromium	1	13.7	13.7
12875	68105	Chromium	1	13.7	13.7
12886	68105	Chromium	1	14.6	14.6
12964	68105	Chromium	1	34.2	34.2
12995	68105	Chromium	1	16.6	16.6
13069	68105	Chromium	1	14.1	14.1
13073	68105	Chromium	1	14.5	14.5
13092	68105	Chromium	1	17.4	17.4
13166	68105	Chromium	1	15.1	15.1
13185	68105	Chromium	1	17.9	17.9
13187	68105	Chromium	1	15.5	15.5
13191	68105	Chromium	1	10	10
13204	68105	Chromium	1	18.7	18.7
13209	68105	Chromium	1	13.5	13.5
13237	68105	Chromium	1	17	17
13240	68105	Chromium	1	11.6	11.6
13245	68105	Chromium	1	13.3	13.3
13248	68105	Chromium	1	17.5	17.5
13273	68105	Chromium	1	31.1	31.1
13283	68105	Chromium	1	15.6	15.6
13322	68105	Chromium	1	17.15	17.15
13336	68105	Chromium	1	22.3	22.3
13370	68105	Chromium	1	25.7	25.7
13381	68105	Chromium	1	12.2	12.2
13389	68105	Chromium	1	17.5	17.5
13403	68105	Chromium	1	14.3	14.3
13437	68105	Chromium	1	10.7	10.7
13438	68105	Chromium	1	19.7	19.7
13460	68105	Chromium	1	14.3	14.3
13476	68105	Chromium	1	16.9	16.9
13573	68105	Chromium	1	15.4	15.4
13577	68105	Chromium	1	12.6	12.6
13611	68105	Chromium	1	47.4	47.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13656	68105	Chromium	1	16.6	16.6
13690	68105	Chromium	1	10.2	10.2
13731	68105	Chromium	1	33	33
13735	68105	Chromium	1	11.2	11.2
13741	68105	Chromium	1	24.1	24.1
13745	68105	Chromium	1	20.1	20.1
13779	68105	Chromium	1	17.8	17.8
13790	68105	Chromium	1	20.3	20.3
13791	68105	Chromium	1	13.1	13.1
13793	68105	Chromium	1	13.5	13.5
13851	68105	Chromium	1	14.2	14.2
13863	68105	Chromium	1	15.3	15.3
13869	68105	Chromium	1	11.6	11.6
13871	68105	Chromium	1	20.5	20.5
13880	68105	Chromium	1	14.2	14.2
13918	68105	Chromium	1	13.1	13.1
13919	68105	Chromium	1	41.8	41.8
13935	68105	Chromium	1	12.7	12.7
13984	68105	Chromium	1	16.9	16.9
14003	68105	Chromium	1	17	17
14024	68105	Chromium	1	15.9	15.9
14050	68105	Chromium	1	1	1
14063	68105	Chromium	1	15.2	15.2
14080	68105	Chromium	1	15.6	15.6
14098	68105	Chromium	1	23.6	23.6
14199	68105	Chromium	1	20	20
14238	68105	Chromium	1	14.2	14.2
14322	68105	Chromium	1	13.7	13.7
14326	68105	Chromium	1	11.6	11.6
14341	68105	Chromium	1	21.6	21.6
14407	68105	Chromium	1	19.7	19.7
14410	68105	Chromium	1	15.1	15.1
14460	68105	Chromium	1	13.2	13.2
14492	68105	Chromium	1	17.8	17.8
14525	68105	Chromium	1	22.8	22.8
14528	68105	Chromium	1	14	14
14536	68105	Chromium	1	21.8	21.8
14544	68105	Chromium	1	16.4	16.4
14556	68105	Chromium	1	37.6	37.6
14557	68105	Chromium	1	18.4	18.4
14577	68105	Chromium	1	12.9	12.9
14602	68105	Chromium	1	13.4	13.4
14647	68105	Chromium	1	23.3	23.3
14656	68105	Chromium	1	16.6	16.6
14688	68105	Chromium	1	15.5	15.5
14718	68105	Chromium	1	15	15
14739	68105	Chromium	1	14.6	14.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14752	68105	Chromium	1	23.6	23.6
14780	68105	Chromium	1	13.9	13.9
14817	68105	Chromium	1	14.3	14.3
14823	68105	Chromium	1	13.8	13.8
14860	68105	Chromium	1	14.7	14.7
14885	68105	Chromium	1	17.5	17.5
14913	68105	Chromium	1	12.4	12.4
14959	68105	Chromium	1	12.4	12.4
14964	68105	Chromium	1	18	18
14976	68105	Chromium	1	15.7	15.7
14992	68105	Chromium	1	18.5	18.5
15003	68105	Chromium	1	126.85	126.85
15044	68105	Chromium	1	14.9	14.9
15045	68105	Chromium	1	15.7	15.7
15058	68105	Chromium	1	25.4	25.4
15060	68105	Chromium	1	11.1	11.1
15091	68105	Chromium	1	17.3	17.3
15106	68105	Chromium	1	21.5	21.5
15166	68105	Chromium	1	21.1	21.1
15227	68105	Chromium	1	10.6	10.6
15231	68105	Chromium	1	15.3	15.3
15255	68105	Chromium	1	17	17
15278	68105	Chromium	1	10.6	10.6
15279	68105	Chromium	1	19.6	19.6
15292	68105	Chromium	1	21	21
15299	68105	Chromium	1	24.2	24.2
15308	68105	Chromium	1	14.3	14.3
15317	68105	Chromium	1	14.5	14.5
15329	68105	Chromium	1	12.3	12.3
15336	68105	Chromium	1	19	19
15348	68105	Chromium	1	13.3	13.3
15363	68105	Chromium	1	13.4	13.4
15372	68105	Chromium	1	18	18
15416	68105	Chromium	2	16.9	17.1
15496	68105	Chromium	1	16.5	16.5
15519	68105	Chromium	1	16	16
15526	68105	Chromium	1	13.2	13.2
15577	68105	Chromium	1	19.1	19.1
15587	68105	Chromium	1	13.9	13.9
15611	68105	Chromium	1	14	14
15651	68105	Chromium	1	14.9	14.9
15686	68105	Chromium	1	22.2	22.2
15695	68105	Chromium	1	16.6	16.6
15728	68105	Chromium	1	14.6	14.6
15801	68105	Chromium	1	15.6	15.6
15835	68105	Chromium	1	23.3	23.3
15842	68105	Chromium	1	13.9	13.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15871	68105	Chromium	1	16.3	16.3
15891	68105	Chromium	1	17.3	17.3
15918	68105	Chromium	1	13.9	13.9
15959	68105	Chromium	1	21.4	21.4
15985	68105	Chromium	1	47.6	47.6
15988	68105	Chromium	1	8.97	8.97
16027	68105	Chromium	1	39.2	39.2
16072	68105	Chromium	1	17.5	17.5
16094	68105	Chromium	1	17.7	17.7
16098	68105	Chromium	1	12.7	12.7
16123	68105	Chromium	1	19.5	19.5
16155	68105	Chromium	1	19.6	19.6
16169	68105	Chromium	1	35.7	35.7
16182	68105	Chromium	1	14.1	14.1
16186	68105	Chromium	1	16.7	16.7
16230	68105	Chromium	1	14.4	14.4
16236	68105	Chromium	1	12.9	12.9
16243	68105	Chromium	1	13.8	13.8
16271	68105	Chromium	1	17.4	17.4
16308	68105	Chromium	1	29.8	29.8
16309	68105	Chromium	1	14.7	14.7
16321	68105	Chromium	1	18.3	18.3
16333	68105	Chromium	1	11.4	11.4
16364	68105	Chromium	1	9.7	9.7
16365	68105	Chromium	1	22	22
16384	68105	Chromium	1	14.8	14.8
16395	68105	Chromium	1	32.2	32.2
16420	68105	Chromium	1	18.7	18.7
16472	68105	Chromium	1	14.9	14.9
16473	68105	Chromium	1	16.4	16.4
16478	68105	Chromium	1	25.4	25.4
16486	68105	Chromium	1	13.8	13.8
16499	68105	Chromium	1	23.4	23.4
16545	68105	Chromium	1	14.1	14.1
16572	68105	Chromium	1	15.9	15.9
16589	68105	Chromium	1	14.1	14.1
16618	68105	Chromium	1	1	1
16646	68105	Chromium	1	15.4	15.4
16668	68105	Chromium	1	12	12
16749	68105	Chromium	1	12.5	12.5
16772	68105	Chromium	1	20	20
16777	68105	Chromium	1	17.5	17.5
16793	68105	Chromium	1	15	15
16851	68105	Chromium	1	13.4	13.4
16866	68105	Chromium	1	17.2	17.2
16869	68105	Chromium	1	25.4	25.4
16889	68105	Chromium	1	13.2	13.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16893	68105	Chromium	1	13.7	13.7
16922	68105	Chromium	1	14.3	14.3
16928	68105	Chromium	1	14.7	14.7
16946	68105	Chromium	1	18.5	18.5
16963	68105	Chromium	1	25.7	25.7
16974	68105	Chromium	1	20	20
17040	68105	Chromium	1	18.2	18.2
17055	68105	Chromium	1	21.4	21.4
17065	68105	Chromium	1	43.5	43.5
17076	68105	Chromium	1	19.8	19.8
17097	68105	Chromium	1	18.5	18.5
17108	68105	Chromium	1	12.5	12.5
17142	68105	Chromium	1	31.6	31.6
17179	68105	Chromium	1	18.3	18.3
17198	68105	Chromium	1	14.1	14.1
17199	68105	Chromium	1	15.2	15.2
17270	68105	Chromium	1	10.3	10.3
17298	68105	Chromium	1	12.1	12.1
17300	68105	Chromium	1	21.7	21.7
17348	68105	Chromium	1	14.2	14.2
17374	68105	Chromium	1	14.4	14.4
17379	68105	Chromium	1	19.2	19.2
17542	68105	Chromium	1	29.4	29.4
17557	68105	Chromium	1	18.4	18.4
17719	68105	Chromium	1	23.7	23.7
17725	68105	Chromium	1	14.9	14.9
17745	68105	Chromium	1	13.2	13.2
17753	68105	Chromium	1	12.5	12.5
17802	68105	Chromium	1	19.6	19.6
17803	68105	Chromium	1	38.8	38.8
17827	68105	Chromium	1	41.4	41.4
17876	68105	Chromium	1	17	17
17899	68105	Chromium	1	15.7	15.7
17918	68105	Chromium	1	13.8	13.8
17934	68105	Chromium	1	14.9	14.9
17935	68105	Chromium	1	27.2	27.2
18036	68105	Chromium	1	29	29
18133	68105	Chromium	1	10.1	10.1
18147	68105	Chromium	1	21.2	21.2
18177	68105	Chromium	1	24.5	24.5
18187	68105	Chromium	1	10.8	10.8
18189	68105	Chromium	1	16.8	16.8
18281	68105	Chromium	1	15.7	15.7
18321	68105	Chromium	1	19.1	19.1
18349	68105	Chromium	1	15.4	15.4
18452	68105	Chromium	1	18.2	18.2
18453	68105	Chromium	1	12.2	12.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18469	68105	Chromium	1	20.8	20.8
18499	68105	Chromium	1	14.6	14.6
18561	68105	Chromium	1	17.3	17.3
18573	68105	Chromium	1	17.8	17.8
18598	68105	Chromium	1	49	49
18610	68105	Chromium	1	17.9	17.9
18654	68105	Chromium	1	15.7	15.7
18661	68105	Chromium	1	26.9	26.9
18673	68105	Chromium	1	25.3	25.3
18676	68105	Chromium	1	18.5	18.5
18693	68105	Chromium	1	25.9	25.9
18757	68105	Chromium	1	38.8	38.8
18787	68105	Chromium	1	19.5	19.5
18797	68105	Chromium	1	18.1	18.1
18825	68105	Chromium	1	15.2	15.2
18839	68105	Chromium	1	15.2	15.2
18871	68105	Chromium	1	19.1	19.1
18882	68105	Chromium	1	17.8	17.8
18898	68105	Chromium	1	40	40
18927	68105	Chromium	1	29	29
18934	68105	Chromium	1	17.1	17.1
19015	68105	Chromium	1	16.7	16.7
19028	68105	Chromium	1	19	19
19127	68105	Chromium	1	15.9	15.9
19129	68105	Chromium	1	44.1	44.1
19169	68105	Chromium	1	17.7	17.7
19288	68105	Chromium	1	11.4	11.4
19310	68105	Chromium	1	20.8	20.8
19334	68105	Chromium	1	137	137
19344	68105	Chromium	1	18.8	18.8
19448	68105	Chromium	1	17.7	17.7
19485	68105	Chromium	1	4.965	4.965
19489	68105	Chromium	1	12.9	12.9
19496	68105	Chromium	1	25.2	25.2
19561	68105	Chromium	1	19.3	19.3
19602	68105	Chromium	1	13.5	13.5
19612	68105	Chromium	1	16.7	16.7
19655	68105	Chromium	1	17.6	17.6
19671	68105	Chromium	1	16.6	16.6
19676	68105	Chromium	1	13.6	13.6
19728	68105	Chromium	1	16.5	16.5
19729	68105	Chromium	1	21.6	21.6
19768	68105	Chromium	1	14.5	14.5
19787	68105	Chromium	1	24.2	24.2
19791	68105	Chromium	1	17.8	17.8
19812	68105	Chromium	1	4.815	4.815
19831	68105	Chromium	1	7.8	7.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19839	68105	Chromium	1	5.12	5.12
19858	68105	Chromium	1	17	17
19864	68105	Chromium	1	13.5	13.5
19915	68105	Chromium	1	22.8	22.8
19923	68105	Chromium	1	20.6	20.6
19932	68105	Chromium	1	12.5	12.5
19938	68105	Chromium	1	21.5	21.5
19972	68105	Chromium	1	15.3	15.3
19976	68105	Chromium	1	15.9	15.9
19987	68105	Chromium	1	23	23
20069	68105	Chromium	1	20.9	20.9
20080	68105	Chromium	1	71.7	71.7
20105	68105	Chromium	1	19.7	19.7
20110	68105	Chromium	1	12.6	12.6
20128	68105	Chromium	1	16	16
20170	68105	Chromium	1	20	20
20218	68105	Chromium	1	17.2	17.2
20236	68105	Chromium	1	12.1	12.1
20313	68105	Chromium	1	14.3	14.3
20315	68105	Chromium	1	13.1	13.1
20342	68105	Chromium	1	12.7	12.7
20420	68105	Chromium	1	12.4	12.4
20426	68105	Chromium	1	10.6	10.6
20452	68105	Chromium	1	12.6	12.6
20470	68105	Chromium	1	38.1	38.1
20471	68105	Chromium	1	19.8	19.8
20477	68105	Chromium	1	14.7	14.7
20506	68105	Chromium	1	17.4	17.4
20510	68105	Chromium	1	15.3	15.3
20535	68105	Chromium	1	13.5	13.5
20545	68105	Chromium	1	76.4	76.4
20557	68105	Chromium	1	24	24
20584	68105	Chromium	1	19.6	19.6
20590	68105	Chromium	1	20.9	20.9
20603	68105	Chromium	1	19.1	19.1
20610	68105	Chromium	1	44.4	44.4
20612	68105	Chromium	1	18.7	18.7
20656	68105	Chromium	1	15.1	15.1
20674	68105	Chromium	1	14	14
20685	68105	Chromium	1	37.4	37.4
20702	68105	Chromium	1	15	15
20759	68105	Chromium	1	15.5	15.5
20777	68105	Chromium	1	5.2	5.2
20823	68105	Chromium	1	14.7	14.7
20845	68105	Chromium	1	2.8	2.8
20856	68105	Chromium	1	20.7	20.7
20883	68105	Chromium	1	19.6	19.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20908	68105	Chromium	1	24.9	24.9
20925	68105	Chromium	1	15.5	15.5
20945	68105	Chromium	1	36.2	36.2
20961	68105	Chromium	1	18.9	18.9
20964	68105	Chromium	1	74.5	74.5
21005	68105	Chromium	1	8.43	8.43
21012	68105	Chromium	1	21.4	21.4
21019	68105	Chromium	1	39.5	39.5
21053	68105	Chromium	1	6.3	6.3
21064	68105	Chromium	1	20.4	20.4
21068	68105	Chromium	1	41	41
21079	68105	Chromium	1	11.9	11.9
21097	68105	Chromium	1	18.5	18.5
21110	68105	Chromium	1	12.4	12.4
21136	68105	Chromium	1	20.3	20.3
21143	68105	Chromium	1	16.1	16.1
21148	68105	Chromium	1	12.8	12.8
21150	68105	Chromium	1	11.6	11.6
21265	68105	Chromium	1	20.4	20.4
21268	68105	Chromium	1	52.4	52.4
21283	68105	Chromium	1	16.6	16.6
21309	68105	Chromium	1	11.1	11.1
21336	68105	Chromium	1	16.9	16.9
21355	68105	Chromium	1	23.9	23.9
21390	68105	Chromium	1	15.6	15.6
21394	68105	Chromium	1	13.4	13.4
21436	68105	Chromium	1	9.9	9.9
21454	68105	Chromium	1	13.7	13.7
21490	68105	Chromium	1	14.9	14.9
21498	68105	Chromium	1	13.4	13.4
21513	68105	Chromium	1	64.4	64.4
21535	68105	Chromium	1	17.4	17.4
21551	68105	Chromium	1	13	13
21560	68105	Chromium	1	23.4	23.4
21565	68105	Chromium	1	12.8	12.8
21578	68105	Chromium	1	81.9	81.9
21609	68105	Chromium	1	15.3	15.3
21614	68105	Chromium	1	24.3	24.3
21625	68105	Chromium	1	11.3	11.3
21653	68105	Chromium	1	10.4	10.4
21677	68105	Chromium	1	13.3	13.3
21689	68105	Chromium	1	12.4	12.4
21705	68105	Chromium	1	16.2	16.2
21714	68105	Chromium	1	19	19
21720	68105	Chromium	1	115	115
21724	68105	Chromium	1	17.6	17.6
21730	68105	Chromium	1	17.7	17.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21744	68105	Chromium	1	15.8	15.8
21811	68105	Chromium	1	13.3	13.3
21815	68105	Chromium	1	23.6	23.6
21822	68105	Chromium	1	21	21
21836	68105	Chromium	1	16.6	16.6
21881	68105	Chromium	1	4.34	4.34
21884	68105	Chromium	1	14.6	14.6
21901	68105	Chromium	1	23	23
21916	68105	Chromium	1	25.8	25.8
21925	68105	Chromium	1	16.4	16.4
21941	68105	Chromium	1	9.94	9.94
21956	68105	Chromium	1	13.8	13.8
21981	68105	Chromium	1	28.9	28.9
21985	68105	Chromium	1	19	19
21989	68105	Chromium	1	16.1	16.1
22006	68105	Chromium	1	13.6	13.6
22013	68105	Chromium	1	22.6	22.6
22024	68105	Chromium	1	21.4	21.4
22025	68105	Chromium	1	13.6	13.6
22027	68105	Chromium	1	18.4	18.4
22034	68105	Chromium	1	23.5	23.5
22036	68105	Chromium	1	11	11
22039	68105	Chromium	1	27.1	27.1
22044	68105	Chromium	1	17.5	17.5
22046	68105	Chromium	1	104	104
22056	68105	Chromium	1	16.9	16.9
22061	68105	Chromium	1	28	28
22074	68105	Chromium	1	13.4	13.4
22079	68105	Chromium	1	12.2	12.2
22080	68105	Chromium	1	23.5	23.5
22177	68105	Chromium	1	16.6	16.6
22181	68105	Chromium	1	14.4	14.4
22183	68105	Chromium	1	5.8	5.8
22230	68105	Chromium	1	24.5	24.5
22273	68105	Chromium	1	12.8	12.8
22295	68105	Chromium	1	12.5	12.5
22320	68105	Chromium	1	15.4	15.4
22344	68105	Chromium	1	13.6	13.6
22358	68105	Chromium	1	15.9	15.9
22386	68105	Chromium	1	34.5	34.5
22399	68105	Chromium	1	12.9	12.9
22405	68105	Chromium	1	21.3	21.3
22453	68105	Chromium	1	16.5	16.5
22563	68105	Chromium	1	15.7	15.7
22574	68105	Chromium	1	28.9	28.9
22636	68105	Chromium	1	20.6	20.6
22715	68105	Chromium	1	20.9	20.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22716	68105	Chromium	1	17.9	17.9
22754	68105	Chromium	1	29.8	29.8
22772	68105	Chromium	1	23.1	23.1
22832	68105	Chromium	1	14.8	14.8
49272	68105	Chromium	1	24.4	24.4
49289	68105	Chromium	1	20.2	20.2
50528	68105	Chromium	1	18.4	18.4
50574	68105	Chromium	1	13.2	13.2
90427	68105	Chromium	1	13.5	13.5
93120	68105	Chromium	1	14.8	14.8
93354	68105	Chromium	1	12.4	12.4
93358	68105	Chromium	1	12.4	12.4
93364	68105	Chromium	1	14.5	14.5
93381	68105	Chromium	1	14.4	14.4
51011	68106	Chromium	1	28.7	28.7
51029	68106	Chromium	1	5.9	5.9
51034	68106	Chromium	1	33.7	33.7
51037	68106	Chromium	1	18.1	18.1
51041	68106	Chromium	1	16.8	16.8
51046	68106	Chromium	1	6.55	6.55
51047	68106	Chromium	1	45.9	45.9
51052	68106	Chromium	1	79.1	79.1
51058	68106	Chromium	1	15.5	15.5
51064	68106	Chromium	1	2.4	2.4
51065	68106	Chromium	1	14.8	14.8
51079	68106	Chromium	1	33.7	33.7
51080	68106	Chromium	1	32.2	32.2
51082	68106	Chromium	1	27.3	27.3
51089	68106	Chromium	1	30.6	30.6
51093	68106	Chromium	1	4.345	4.345
51101	68106	Chromium	1	48.8	48.8
51102	68106	Chromium	1	19.7	19.7
51113	68106	Chromium	1	19.7	19.7
51116	68106	Chromium	1	21.6	21.6
51118	68106	Chromium	1	47.2	47.2
51120	68106	Chromium	1	18.3	18.3
51123	68106	Chromium	1	18.3	18.3
51126	68106	Chromium	1	47.1	47.1
51127	68106	Chromium	1	22.8	22.8
51132	68106	Chromium	1	17.7	17.7
51133	68106	Chromium	1	15.5	15.5
51143	68106	Chromium	1	6.2	6.2
51155	68106	Chromium	1	24.9	24.9
51158	68106	Chromium	1	35.9	35.9
51160	68106	Chromium	1	18.6	18.6
51162	68106	Chromium	1	27.6	27.6
51184	68106	Chromium	1	18.3	18.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2030	68107	Chromium	1	18.4	18.4
2038	68107	Chromium	1	12.8	12.8
2056	68107	Chromium	1	14.8	14.8
2104	68107	Chromium	1	15.6	15.6
2124	68107	Chromium	1	17.5	17.5
2167	68107	Chromium	1	14.2	14.2
2206	68107	Chromium	1	15.8	15.8
2220	68107	Chromium	1	12.5	12.5
2252	68107	Chromium	1	16.4	16.4
2273	68107	Chromium	1	15.9	15.9
2292	68107	Chromium	1	12	12
2496	68107	Chromium	1	14.5	14.5
2499	68107	Chromium	1	14.7	14.7
3003	68107	Chromium	1	13.6	13.6
3021	68107	Chromium	1	21.6	21.6
3074	68107	Chromium	1	12.1	12.1
3121	68107	Chromium	1	14.1	14.1
5066	68107	Chromium	1	11.6	11.6
5076	68107	Chromium	1	29.3	29.3
5130	68107	Chromium	1	20	20
5157	68107	Chromium	1	15.3	15.3
5159	68107	Chromium	1	21.4	21.4
5161	68107	Chromium	1	15.5	15.5
5163	68107	Chromium	1	16.7	16.7
5165	68107	Chromium	1	18.7	18.7
5166	68107	Chromium	1	90.6	90.6
5172	68107	Chromium	1	12.5	12.5
5176	68107	Chromium	1	19.3	19.3
5178	68107	Chromium	1	12.4	12.4
5180	68107	Chromium	1	13.5	13.5
5182	68107	Chromium	1	17.3	17.3
5183	68107	Chromium	1	16.5	16.5
5185	68107	Chromium	1	14.3	14.3
5211	68107	Chromium	1	11.1	11.1
5212	68107	Chromium	1	14.4	14.4
10008	68107	Chromium	1	14.7	14.7
10018	68107	Chromium	1	13	13
10044	68107	Chromium	1	14.1	14.1
10046	68107	Chromium	1	14	14
10072	68107	Chromium	1	11.7	11.7
10073	68107	Chromium	1	14.9	14.9
10088	68107	Chromium	1	10	10
10095	68107	Chromium	1	14.8	14.8
10111	68107	Chromium	1	24.6	24.6
10130	68107	Chromium	1	14.6	14.6
10134	68107	Chromium	1	14.6	14.6
10214	68107	Chromium	1	14.7	14.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10241	68107	Chromium	1	15.9	15.9
10290	68107	Chromium	1	4.89	4.89
10295	68107	Chromium	1	20	20
10299	68107	Chromium	1	12.4	12.4
10310	68107	Chromium	1	46.3	46.3
10328	68107	Chromium	1	15.7	15.7
10329	68107	Chromium	1	15.1	15.1
10387	68107	Chromium	1	10.2	10.2
10401	68107	Chromium	2	18.5	22
10403	68107	Chromium	1	26	26
10425	68107	Chromium	1	16.9	16.9
10432	68107	Chromium	1	13.1	13.1
10455	68107	Chromium	1	1	1
10458	68107	Chromium	1	12.8	12.8
10468	68107	Chromium	1	16.3	16.3
10471	68107	Chromium	1	18	18
10484	68107	Chromium	1	14.4	14.4
10492	68107	Chromium	1	12.4	12.4
10500	68107	Chromium	1	15.5	15.5
10508	68107	Chromium	1	10.9	10.9
10513	68107	Chromium	1	15.5	15.5
10538	68107	Chromium	1	9	9
10543	68107	Chromium	1	14.3	14.3
10548	68107	Chromium	1	13.2	13.2
10578	68107	Chromium	1	20.8	20.8
10582	68107	Chromium	1	12.1	12.1
10622	68107	Chromium	1	13.5	13.5
10633	68107	Chromium	1	11.5	11.5
10650	68107	Chromium	1	5.5	5.5
10654	68107	Chromium	1	14.4	14.4
10662	68107	Chromium	1	15.6	15.6
10670	68107	Chromium	1	60.4	60.4
10687	68107	Chromium	1	17.6	17.6
10707	68107	Chromium	1	14.1	14.1
10720	68107	Chromium	1	35.9	35.9
10735	68107	Chromium	1	14.9	14.9
10738	68107	Chromium	1	14	14
10794	68107	Chromium	1	18.2	18.2
10814	68107	Chromium	1	13.4	13.4
10822	68107	Chromium	1	16.1	16.1
10831	68107	Chromium	1	14.7	14.7
10834	68107	Chromium	1	10.8	10.8
10842	68107	Chromium	1	12	12
10848	68107	Chromium	1	8.82	8.82
10858	68107	Chromium	1	11.5	11.5
10860	68107	Chromium	1	25	25
10870	68107	Chromium	1	11.7	11.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10876	68107	Chromium	1	15.8	15.8
10877	68107	Chromium	1	15.5	15.5
10880	68107	Chromium	1	13.8	13.8
10895	68107	Chromium	1	11.7	11.7
10909	68107	Chromium	1	18.9	18.9
10914	68107	Chromium	1	12.2	12.2
10920	68107	Chromium	1	14.2	14.2
10925	68107	Chromium	1	15.3	15.3
10931	68107	Chromium	1	12	12
10938	68107	Chromium	1	20.1	20.1
10944	68107	Chromium	1	20.8	20.8
10947	68107	Chromium	1	11.4	11.4
10950	68107	Chromium	1	20	20
10965	68107	Chromium	1	32.9	32.9
10970	68107	Chromium	1	14.9	14.9
10990	68107	Chromium	1	12.8	12.8
10991	68107	Chromium	1	20.4	20.4
11036	68107	Chromium	1	12.7	12.7
11069	68107	Chromium	1	16.3	16.3
11070	68107	Chromium	1	13.1	13.1
11082	68107	Chromium	1	15.6	15.6
11094	68107	Chromium	1	12.4	12.4
11107	68107	Chromium	1	11.1	11.1
11118	68107	Chromium	1	14.6	14.6
11142	68107	Chromium	1	15.4	15.4
11155	68107	Chromium	1	17.1	17.1
11172	68107	Chromium	1	11.3	11.3
11179	68107	Chromium	1	19.9	19.9
11191	68107	Chromium	1	18.1	18.1
11194	68107	Chromium	1	12.5	12.5
11203	68107	Chromium	1	19.4	19.4
11208	68107	Chromium	1	17.5	17.5
11222	68107	Chromium	1	13.5	13.5
11230	68107	Chromium	1	20.7	20.7
11232	68107	Chromium	1	19.7	19.7
11233	68107	Chromium	1	11.8	11.8
11246	68107	Chromium	1	14.4	14.4
11258	68107	Chromium	1	22.5	22.5
11268	68107	Chromium	1	17.9	17.9
11272	68107	Chromium	1	25.2	25.2
11283	68107	Chromium	1	13.9	13.9
11303	68107	Chromium	1	13.1	13.1
11309	68107	Chromium	1	12.4	12.4
11312	68107	Chromium	1	12.4	12.4
11321	68107	Chromium	1	13	13
11343	68107	Chromium	1	16.6	16.6
11349	68107	Chromium	1	24.8	24.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11367	68107	Chromium	1	15.1	15.1
11372	68107	Chromium	1	21.4	21.4
11385	68107	Chromium	1	14.8	14.8
11387	68107	Chromium	1	10.2	10.2
11400	68107	Chromium	1	17.7	17.7
11403	68107	Chromium	1	15.7	15.7
11408	68107	Chromium	1	18	18
11410	68107	Chromium	1	12.9	12.9
11416	68107	Chromium	1	52.5	52.5
11423	68107	Chromium	1	10.7	10.7
11439	68107	Chromium	1	15.6	15.6
11444	68107	Chromium	1	16.4	16.4
11449	68107	Chromium	1	12	12
11465	68107	Chromium	1	18.4	18.4
11469	68107	Chromium	1	18.2	18.2
11491	68107	Chromium	1	19.6	19.6
11494	68107	Chromium	1	13.5	13.5
11523	68107	Chromium	1	17.4	17.4
11552	68107	Chromium	1	13	13
11558	68107	Chromium	1	12.9	12.9
11568	68107	Chromium	1	14.9	14.9
11599	68107	Chromium	1	15.2	15.2
11601	68107	Chromium	1	122	122
11603	68107	Chromium	1	12.5	12.5
11604	68107	Chromium	1	18.3	18.3
11609	68107	Chromium	1	18.1	18.1
11614	68107	Chromium	1	31.6	31.6
11661	68107	Chromium	1	11.9	11.9
11686	68107	Chromium	1	14.7	14.7
11711	68107	Chromium	1	17.4	17.4
11741	68107	Chromium	1	20.4	20.4
11754	68107	Chromium	1	13.5	13.5
11765	68107	Chromium	1	18.8	18.8
11777	68107	Chromium	1	14	14
11807	68107	Chromium	1	18.4	18.4
11829	68107	Chromium	1	20.8	20.8
11842	68107	Chromium	1	18.7	18.7
11865	68107	Chromium	1	14.2	14.2
11894	68107	Chromium	1	22.3	22.3
11902	68107	Chromium	1	18.6	18.6
11910	68107	Chromium	1	12.3	12.3
11941	68107	Chromium	1	17.7	17.7
11960	68107	Chromium	1	8.59	8.59
11982	68107	Chromium	1	16	16
12002	68107	Chromium	1	23.6	23.6
12009	68107	Chromium	1	19.2	19.2
12012	68107	Chromium	1	20.5	20.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12037	68107	Chromium	1	14.1	14.1
12047	68107	Chromium	1	20.6	20.6
12086	68107	Chromium	1	15	15
12114	68107	Chromium	1	16.1	16.1
12116	68107	Chromium	1	20.7	20.7
12118	68107	Chromium	1	13.9	13.9
12124	68107	Chromium	1	13.8	13.8
12126	68107	Chromium	1	21.9	21.9
12152	68107	Chromium	1	12.2	12.2
12166	68107	Chromium	1	25	25
12194	68107	Chromium	1	18.5	18.5
12206	68107	Chromium	1	9.81	9.81
12220	68107	Chromium	1	18.4	18.4
12227	68107	Chromium	2	22.55	27.9
12239	68107	Chromium	1	12.9	12.9
12290	68107	Chromium	1	13.3	13.3
12296	68107	Chromium	1	16.6	16.6
12338	68107	Chromium	1	20	20
12344	68107	Chromium	1	29.9	29.9
12351	68107	Chromium	1	12.4	12.4
12372	68107	Chromium	1	13.1	13.1
12388	68107	Chromium	1	20.7	20.7
12407	68107	Chromium	1	19.2	19.2
12410	68107	Chromium	1	20.3	20.3
12414	68107	Chromium	1	17.1	17.1
12424	68107	Chromium	1	12.5	12.5
12439	68107	Chromium	1	9.08	9.08
12449	68107	Chromium	1	29.3	29.3
12457	68107	Chromium	1	14.2	14.2
12506	68107	Chromium	1	18.8	18.8
12514	68107	Chromium	1	14.6	14.6
12529	68107	Chromium	1	27.2	27.2
12530	68107	Chromium	1	15.1	15.1
12547	68107	Chromium	1	16.4	16.4
12551	68107	Chromium	1	12.8	12.8
12567	68107	Chromium	1	16	16
12572	68107	Chromium	1	15.2	15.2
12588	68107	Chromium	1	12.8	12.8
12590	68107	Chromium	1	11.7	11.7
12605	68107	Chromium	1	16.4	16.4
12644	68107	Chromium	1	14.8	14.8
12667	68107	Chromium	1	17.2	17.2
12714	68107	Chromium	1	12.6	12.6
12729	68107	Chromium	1	13.7	13.7
12741	68107	Chromium	1	11.6	11.6
12755	68107	Chromium	1	19.5	19.5
12761	68107	Chromium	1	4.78	4.78

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12794	68107	Chromium	1	11.3	11.3
12830	68107	Chromium	1	13.1	13.1
12848	68107	Chromium	1	19.3	19.3
12858	68107	Chromium	1	16.1	16.1
12871	68107	Chromium	1	19.4	19.4
13038	68107	Chromium	1	20.4	20.4
13045	68107	Chromium	1	16.2	16.2
43676	68107	Chromium	1	11.8	11.8
43691	68107	Chromium	1	15	15
43698	68107	Chromium	1	11.8	11.8
43703	68107	Chromium	1	11.5	11.5
43711	68107	Chromium	1	7.95	7.95
43729	68107	Chromium	1	21.4	21.4
43736	68107	Chromium	1	14	14
43744	68107	Chromium	1	7.99	7.99
43746	68107	Chromium	1	3.755	3.755
43771	68107	Chromium	1	14.5	14.5
43790	68107	Chromium	1	12.6	12.6
43793	68107	Chromium	1	13.4	13.4
43800	68107	Chromium	1	29	29
43813	68107	Chromium	1	11.8	11.8
43843	68107	Chromium	1	17.1	17.1
43853	68107	Chromium	1	10.5	10.5
43869	68107	Chromium	1	11	11
43874	68107	Chromium	1	25.5	25.5
43892	68107	Chromium	1	14.1	14.1
43912	68107	Chromium	1	11.1	11.1
43933	68107	Chromium	1	6	6
43942	68107	Chromium	1	15.6	15.6
43945	68107	Chromium	1	13.8	13.8
43949	68107	Chromium	1	14.4	14.4
43962	68107	Chromium	1	15.8	15.8
43978	68107	Chromium	1	15	15
44002	68107	Chromium	1	11.6	11.6
44025	68107	Chromium	1	14.7	14.7
44037	68107	Chromium	1	17	17
44047	68107	Chromium	1	12.7	12.7
44063	68107	Chromium	1	11.3	11.3
44066	68107	Chromium	1	15.3	15.3
44076	68107	Chromium	1	13.7	13.7
44104	68107	Chromium	1	13.8	13.8
44107	68107	Chromium	1	8.93	8.93
44112	68107	Chromium	1	17.2	17.2
44127	68107	Chromium	1	19.9	19.9
44130	68107	Chromium	1	24.7	24.7
44133	68107	Chromium	1	9.5	9.5
44137	68107	Chromium	1	14.4	14.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44145	68107	Chromium	1	30.5	30.5
44153	68107	Chromium	1	12.7	12.7
44157	68107	Chromium	1	28	28
44177	68107	Chromium	1	13.3	13.3
44184	68107	Chromium	1	11.5	11.5
44185	68107	Chromium	1	12.1	12.1
44198	68107	Chromium	1	12.7	12.7
44202	68107	Chromium	1	13.3	13.3
44220	68107	Chromium	1	11.6	11.6
44225	68107	Chromium	1	32.6	32.6
44233	68107	Chromium	1	10.5	10.5
44236	68107	Chromium	1	10.8	10.8
44237	68107	Chromium	1	18.4	18.4
44248	68107	Chromium	1	11.9	11.9
44299	68107	Chromium	1	13.6	13.6
44319	68107	Chromium	1	13.1	13.1
44348	68107	Chromium	1	13.2	13.2
44416	68107	Chromium	1	15.7	15.7
44446	68107	Chromium	1	11.4	11.4
44452	68107	Chromium	1	16.9	16.9
44455	68107	Chromium	1	13.8	13.8
44456	68107	Chromium	1	28.5	28.5
44465	68107	Chromium	1	20.9	20.9
44475	68107	Chromium	1	15.5	15.5
44482	68107	Chromium	1	12.7	12.7
44483	68107	Chromium	1	24.9	24.9
44490	68107	Chromium	1	24.1	24.1
44503	68107	Chromium	1	14.7	14.7
44507	68107	Chromium	1	15.8	15.8
44508	68107	Chromium	1	4.17	4.17
44519	68107	Chromium	1	40.7	40.7
44526	68107	Chromium	1	15.3	15.3
44528	68107	Chromium	1	12.5	12.5
44529	68107	Chromium	1	19.3	19.3
44531	68107	Chromium	1	13.7	13.7
44536	68107	Chromium	1	12.9	12.9
44539	68107	Chromium	1	12.1	12.1
44546	68107	Chromium	1	13	13
44549	68107	Chromium	1	21.2	21.2
44556	68107	Chromium	1	16.1	16.1
44567	68107	Chromium	1	9.5	9.5
44578	68107	Chromium	1	12.4	12.4
44581	68107	Chromium	1	12.1	12.1
44589	68107	Chromium	1	12.7	12.7
44590	68107	Chromium	1	13.2	13.2
44592	68107	Chromium	1	16.5	16.5
44597	68107	Chromium	1	11	11

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44617	68107	Chromium	1	9.59	9.59
44619	68107	Chromium	1	14.3	14.3
44623	68107	Chromium	1	33.8	33.8
44626	68107	Chromium	1	22.6	22.6
44636	68107	Chromium	1	13.1	13.1
44640	68107	Chromium	1	18	18
44644	68107	Chromium	1	15.7	15.7
44668	68107	Chromium	1	15.3	15.3
44700	68107	Chromium	1	12	12
44711	68107	Chromium	1	14.1	14.1
44725	68107	Chromium	1	11.7	11.7
44727	68107	Chromium	1	10.7	10.7
44738	68107	Chromium	1	11.2	11.2
44740	68107	Chromium	1	14.1	14.1
44741	68107	Chromium	1	20.9	20.9
44747	68107	Chromium	1	13.5	13.5
44753	68107	Chromium	1	11.8	11.8
44755	68107	Chromium	1	13.5	13.5
44756	68107	Chromium	1	10	10
44768	68107	Chromium	1	11.4	11.4
44790	68107	Chromium	1	23.3	23.3
44798	68107	Chromium	1	14.8	14.8
44810	68107	Chromium	1	6.5	6.5
44814	68107	Chromium	1	14.2	14.2
44822	68107	Chromium	1	12.7	12.7
44854	68107	Chromium	1	11.3	11.3
44857	68107	Chromium	1	19.6	19.6
44869	68107	Chromium	1	22.5	22.5
44877	68107	Chromium	1	18.8	18.8
44902	68107	Chromium	1	15.2	15.2
44923	68107	Chromium	1	15	15
44927	68107	Chromium	1	15.7	15.7
44935	68107	Chromium	1	7	7
44939	68107	Chromium	1	11	11
44943	68107	Chromium	1	16	16
44955	68107	Chromium	1	8.34	8.34
44959	68107	Chromium	1	11.4	11.4
44969	68107	Chromium	1	46.3	46.3
44979	68107	Chromium	1	16.8	16.8
44980	68107	Chromium	1	16.2	16.2
44984	68107	Chromium	1	18.3	18.3
44987	68107	Chromium	1	15	15
44996	68107	Chromium	1	7.55	7.55
45004	68107	Chromium	1	13.7	13.7
45005	68107	Chromium	1	14.2	14.2
45018	68107	Chromium	1	22.5	22.5
45020	68107	Chromium	1	10.3	10.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45023	68107	Chromium	1	17.2	17.2
45034	68107	Chromium	1	14.9	14.9
45044	68107	Chromium	1	15.6	15.6
45056	68107	Chromium	1	18.4	18.4
45072	68107	Chromium	1	17.4	17.4
45073	68107	Chromium	1	16.3	16.3
45077	68107	Chromium	1	17.1	17.1
45078	68107	Chromium	1	16.7	16.7
45084	68107	Chromium	1	16.8	16.8
45118	68107	Chromium	1	13.2	13.2
45147	68107	Chromium	1	31.1	31.1
45150	68107	Chromium	1	15	15
45156	68107	Chromium	1	11.9	11.9
45166	68107	Chromium	1	20.7	20.7
45167	68107	Chromium	1	14.7	14.7
45183	68107	Chromium	1	27.8	27.8
45188	68107	Chromium	1	15.3	15.3
45195	68107	Chromium	1	14.1	14.1
45199	68107	Chromium	1	13	13
45206	68107	Chromium	1	14.9	14.9
45213	68107	Chromium	1	7.6	7.6
45223	68107	Chromium	1	7.25	7.25
45227	68107	Chromium	1	21.4	21.4
45236	68107	Chromium	1	11.2	11.2
45244	68107	Chromium	1	22.4	22.4
45259	68107	Chromium	1	30.8	30.8
45265	68107	Chromium	1	14.1	14.1
45269	68107	Chromium	1	15.7	15.7
45298	68107	Chromium	1	14.8	14.8
45300	68107	Chromium	1	17.4	17.4
45303	68107	Chromium	1	13.1	13.1
45304	68107	Chromium	1	19.3	19.3
45305	68107	Chromium	1	12.9	12.9
45321	68107	Chromium	1	14.4	14.4
45343	68107	Chromium	1	12	12
45350	68107	Chromium	1	11.2	11.2
45356	68107	Chromium	1	14	14
45364	68107	Chromium	1	11.4	11.4
45370	68107	Chromium	1	10	10
45390	68107	Chromium	1	11.2	11.2
45393	68107	Chromium	1	14.4	14.4
45404	68107	Chromium	1	15.3	15.3
45411	68107	Chromium	1	19.9	19.9
45423	68107	Chromium	1	16.3	16.3
45424	68107	Chromium	1	16.8	16.8
45447	68107	Chromium	1	14.6	14.6
45458	68107	Chromium	1	10.8	10.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45460	68107	Chromium	1	15.2	15.2
45475	68107	Chromium	1	13.7	13.7
45484	68107	Chromium	1	13.5	13.5
45487	68107	Chromium	1	15.5	15.5
45494	68107	Chromium	1	11.5	11.5
45495	68107	Chromium	1	9.65	9.65
45503	68107	Chromium	1	9.75	9.75
45530	68107	Chromium	1	4.59	4.59
45533	68107	Chromium	1	37.7	37.7
45564	68107	Chromium	1	14.3	14.3
45566	68107	Chromium	1	11.2	11.2
45574	68107	Chromium	1	16.5	16.5
45584	68107	Chromium	1	12.1	12.1
45608	68107	Chromium	1	14.8	14.8
45609	68107	Chromium	1	9.67	9.67
45624	68107	Chromium	1	12.8	12.8
45626	68107	Chromium	1	15.6	15.6
45645	68107	Chromium	1	18.4	18.4
45646	68107	Chromium	1	13.8	13.8
45648	68107	Chromium	1	13.1	13.1
45662	68107	Chromium	1	7.53	7.53
45663	68107	Chromium	1	23.7	23.7
45678	68107	Chromium	1	12.7	12.7
45698	68107	Chromium	1	12.3	12.3
45724	68107	Chromium	1	13.2	13.2
45725	68107	Chromium	1	13.1	13.1
45728	68107	Chromium	1	16.3	16.3
45739	68107	Chromium	1	13.2	13.2
45741	68107	Chromium	1	32.7	32.7
45747	68107	Chromium	1	11.8	11.8
45764	68107	Chromium	1	14.2	14.2
45767	68107	Chromium	1	14	14
45770	68107	Chromium	1	17.2	17.2
45786	68107	Chromium	1	21.6	21.6
45787	68107	Chromium	1	16.3	16.3
45789	68107	Chromium	1	17.3	17.3
45811	68107	Chromium	1	12.1	12.1
45822	68107	Chromium	1	12.1	12.1
45837	68107	Chromium	1	20.8	20.8
45840	68107	Chromium	1	21.9	21.9
45849	68107	Chromium	1	21.1	21.1
45854	68107	Chromium	1	14.3	14.3
45883	68107	Chromium	1	14.9	14.9
45906	68107	Chromium	1	13.1	13.1
45921	68107	Chromium	1	11.4	11.4
45923	68107	Chromium	1	13.4	13.4
45927	68107	Chromium	1	14	14

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45955	68107	Chromium	1	12.5	12.5
45970	68107	Chromium	1	14	14
45984	68107	Chromium	1	14.9	14.9
45988	68107	Chromium	1	13	13
45999	68107	Chromium	1	12.1	12.1
46035	68107	Chromium	1	15.9	15.9
46049	68107	Chromium	1	14.8	14.8
46050	68107	Chromium	1	12.2	12.2
46052	68107	Chromium	1	20.6	20.6
46071	68107	Chromium	1	15.7	15.7
46073	68107	Chromium	1	13.6	13.6
46091	68107	Chromium	1	23.8	23.8
46103	68107	Chromium	1	9.98	9.98
46107	68107	Chromium	1	19.1	19.1
46118	68107	Chromium	1	14.9	14.9
46122	68107	Chromium	1	14.2	14.2
46127	68107	Chromium	1	12.7	12.7
46133	68107	Chromium	1	17.1	17.1
46145	68107	Chromium	1	14.1	14.1
46150	68107	Chromium	1	12.7	12.7
46164	68107	Chromium	1	14.1	14.1
46168	68107	Chromium	1	13.4	13.4
46180	68107	Chromium	1	12.8	12.8
46187	68107	Chromium	1	10.3	10.3
46210	68107	Chromium	1	18.8	18.8
46214	68107	Chromium	1	17.9	17.9
46241	68107	Chromium	1	14.5	14.5
46247	68107	Chromium	1	16.3	16.3
46260	68107	Chromium	1	15.9	15.9
46279	68107	Chromium	1	17.1	17.1
46297	68107	Chromium	1	8.53	8.53
46346	68107	Chromium	1	15.4	15.4
46347	68107	Chromium	1	16.5	16.5
46363	68107	Chromium	1	11.1	11.1
46368	68107	Chromium	1	19.9	19.9
46380	68107	Chromium	1	5.9	5.9
46399	68107	Chromium	1	17.1	17.1
46423	68107	Chromium	1	17.5	17.5
46432	68107	Chromium	1	16.7	16.7
46448	68107	Chromium	1	18	18
46461	68107	Chromium	1	11.3	11.3
46469	68107	Chromium	1	13.3	13.3
46472	68107	Chromium	1	13.4	13.4
46473	68107	Chromium	1	17.2	17.2
46474	68107	Chromium	1	19.5	19.5
46478	68107	Chromium	1	15.8	15.8
46490	68107	Chromium	1	23.3	23.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46493	68107	Chromium	1	12.9	12.9
46494	68107	Chromium	1	21.9	21.9
46498	68107	Chromium	1	11.8	11.8
46505	68107	Chromium	1	6.95	6.95
46509	68107	Chromium	1	25.7	25.7
46527	68107	Chromium	1	5.85	5.85
46566	68107	Chromium	1	14.5	14.5
46579	68107	Chromium	1	14.3	14.3
46583	68107	Chromium	1	13.9	13.9
46610	68107	Chromium	1	14.7	14.7
46626	68107	Chromium	1	19.5	19.5
46628	68107	Chromium	1	13.3	13.3
46637	68107	Chromium	1	18.2	18.2
46655	68107	Chromium	1	16.4	16.4
46662	68107	Chromium	1	17.4	17.4
46664	68107	Chromium	1	16	16
46672	68107	Chromium	1	6.65	6.65
46673	68107	Chromium	1	18.3	18.3
46683	68107	Chromium	1	19.2	19.2
46698	68107	Chromium	1	5.5	5.5
46699	68107	Chromium	1	15.7	15.7
46708	68107	Chromium	1	12.5	12.5
46712	68107	Chromium	1	13.3	13.3
46725	68107	Chromium	1	6.5	6.5
46727	68107	Chromium	1	19.1	19.1
46731	68107	Chromium	1	48.4	48.4
46743	68107	Chromium	1	13.6	13.6
46763	68107	Chromium	1	14.3	14.3
46764	68107	Chromium	1	4.905	4.905
46772	68107	Chromium	1	14.9	14.9
46776	68107	Chromium	1	5.3	5.3
46792	68107	Chromium	1	3.65	3.65
46794	68107	Chromium	1	4.66	4.66
46805	68107	Chromium	1	16.6	16.6
46808	68107	Chromium	1	18	18
46815	68107	Chromium	1	16.6	16.6
46835	68107	Chromium	1	4.3	4.3
46852	68107	Chromium	1	13.5	13.5
46857	68107	Chromium	1	12.7	12.7
46864	68107	Chromium	1	11.7	11.7
46867	68107	Chromium	1	16.9	16.9
46893	68107	Chromium	1	16.6	16.6
46916	68107	Chromium	1	11.5	11.5
46919	68107	Chromium	1	14.9	14.9
46934	68107	Chromium	1	15.3	15.3
46954	68107	Chromium	1	16.3	16.3
46964	68107	Chromium	1	27.8	27.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46976	68107	Chromium	1	19.2	19.2
46994	68107	Chromium	1	11.7	11.7
46998	68107	Chromium	1	19.7	19.7
47021	68107	Chromium	1	16.5	16.5
47030	68107	Chromium	1	13.3	13.3
47038	68107	Chromium	1	15.5	15.5
47046	68107	Chromium	1	16.4	16.4
47047	68107	Chromium	1	36	36
47052	68107	Chromium	1	22.9	22.9
47058	68107	Chromium	1	15.2	15.2
47088	68107	Chromium	1	29	29
47090	68107	Chromium	1	8.5	8.5
47106	68107	Chromium	1	13.6	13.6
47139	68107	Chromium	1	18.7	18.7
47140	68107	Chromium	1	25.5	25.5
47147	68107	Chromium	1	12.5	12.5
47148	68107	Chromium	1	1	1
47149	68107	Chromium	1	10.4	10.4
47163	68107	Chromium	1	15.5	15.5
47172	68107	Chromium	1	178	178
47179	68107	Chromium	1	15.7	15.7
47181	68107	Chromium	1	13.7	13.7
47196	68107	Chromium	1	9.9	9.9
47203	68107	Chromium	1	19	19
47206	68107	Chromium	1	12.9	12.9
47215	68107	Chromium	1	16	16
47216	68107	Chromium	1	13.1	13.1
47217	68107	Chromium	1	17.8	17.8
47218	68107	Chromium	1	12.6	12.6
47223	68107	Chromium	1	9	9
47249	68107	Chromium	1	14.8	14.8
47250	68107	Chromium	1	15.4	15.4
47259	68107	Chromium	1	16.9	16.9
47274	68107	Chromium	1	17.1	17.1
47275	68107	Chromium	1	15.2	15.2
47279	68107	Chromium	1	5.25	5.25
47291	68107	Chromium	1	18.2	18.2
47293	68107	Chromium	1	13.7	13.7
47296	68107	Chromium	1	15	15
47311	68107	Chromium	1	16.2	16.2
47312	68107	Chromium	1	14.6	14.6
47315	68107	Chromium	1	6.35	6.35
47320	68107	Chromium	1	11.2	11.2
47322	68107	Chromium	1	37.4	37.4
47338	68107	Chromium	1	14.2	14.2
47339	68107	Chromium	1	21.2	21.2
47356	68107	Chromium	1	15.2	15.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47368	68107	Chromium	1	14.9	14.9
47380	68107	Chromium	1	14.3	14.3
47382	68107	Chromium	1	9.5	9.5
47385	68107	Chromium	1	16.4	16.4
47390	68107	Chromium	1	11.9	11.9
47417	68107	Chromium	1	12	12
47421	68107	Chromium	1	11.8	11.8
47424	68107	Chromium	1	15.2	15.2
47425	68107	Chromium	1	6.1	6.1
47440	68107	Chromium	1	17.1	17.1
47452	68107	Chromium	1	13.9	13.9
47475	68107	Chromium	1	14.6	14.6
47485	68107	Chromium	1	13.7	13.7
47511	68107	Chromium	1	18.9	18.9
47514	68107	Chromium	1	11.9	11.9
47518	68107	Chromium	1	14.2	14.2
47526	68107	Chromium	1	10.6	10.6
47544	68107	Chromium	1	11.6	11.6
47553	68107	Chromium	1	19.3	19.3
47565	68107	Chromium	1	27.1	27.1
47566	68107	Chromium	1	25.9	25.9
47604	68107	Chromium	1	11.1	11.1
47610	68107	Chromium	1	4.71	4.71
47617	68107	Chromium	1	6.8	6.8
47621	68107	Chromium	1	25.5	25.5
47627	68107	Chromium	1	13.4	13.4
47649	68107	Chromium	1	8.45	8.45
47656	68107	Chromium	1	23.2	23.2
47670	68107	Chromium	1	17.1	17.1
47681	68107	Chromium	1	15.5	15.5
47706	68107	Chromium	1	10.3	10.3
47708	68107	Chromium	1	14.2	14.2
47761	68107	Chromium	1	15.6	15.6
47768	68107	Chromium	1	26.6	26.6
47783	68107	Chromium	1	13.6	13.6
47795	68107	Chromium	1	10.5	10.5
47797	68107	Chromium	1	12.5	12.5
47811	68107	Chromium	1	15.4	15.4
47813	68107	Chromium	1	11.1	11.1
47816	68107	Chromium	1	13.3	13.3
47820	68107	Chromium	1	15.9	15.9
47838	68107	Chromium	1	34.3	34.3
47841	68107	Chromium	1	7.8	7.8
47860	68107	Chromium	1	12.4	12.4
47867	68107	Chromium	1	14.8	14.8
47886	68107	Chromium	1	14.7	14.7
47895	68107	Chromium	1	14.1	14.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47924	68107	Chromium	1	11.8	11.8
47930	68107	Chromium	1	18.8	18.8
47934	68107	Chromium	1	15	15
47939	68107	Chromium	1	24.5	24.5
47952	68107	Chromium	1	22.1	22.1
47966	68107	Chromium	1	7.54	7.54
47969	68107	Chromium	1	22.9	22.9
48003	68107	Chromium	1	12.3	12.3
48006	68107	Chromium	1	13.9	13.9
48014	68107	Chromium	1	30.3	30.3
48016	68107	Chromium	1	10.9	10.9
48018	68107	Chromium	1	14.6	14.6
48036	68107	Chromium	1	13.3	13.3
48043	68107	Chromium	1	13.6	13.6
48048	68107	Chromium	1	14.5	14.5
48056	68107	Chromium	1	16.4	16.4
48092	68107	Chromium	1	11.9	11.9
48116	68107	Chromium	1	16.3	16.3
48118	68107	Chromium	1	19	19
48120	68107	Chromium	1	11.6	11.6
48135	68107	Chromium	1	14.9	14.9
48141	68107	Chromium	1	13.8	13.8
48150	68107	Chromium	1	14.3	14.3
48167	68107	Chromium	1	13.7	13.7
48232	68107	Chromium	1	14.2	14.2
48245	68107	Chromium	1	13.5	13.5
48261	68107	Chromium	1	16.9	16.9
48271	68107	Chromium	1	8.3	8.3
48292	68107	Chromium	1	32.3	32.3
48308	68107	Chromium	1	15.4	15.4
48327	68107	Chromium	1	5.95	5.95
48334	68107	Chromium	1	20.2	20.2
48341	68107	Chromium	1	11.6	11.6
48359	68107	Chromium	1	19.9	19.9
48367	68107	Chromium	1	14.3	14.3
48368	68107	Chromium	1	11.4	11.4
48380	68107	Chromium	1	11.7	11.7
48416	68107	Chromium	1	19.9	19.9
48418	68107	Chromium	1	16.1	16.1
48434	68107	Chromium	1	12	12
48494	68107	Chromium	1	12.6	12.6
48495	68107	Chromium	1	10.8	10.8
48508	68107	Chromium	1	16.5	16.5
48510	68107	Chromium	1	16.5	16.5
48525	68107	Chromium	1	30	30
48547	68107	Chromium	1	11.5	11.5
48553	68107	Chromium	1	11.9	11.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48578	68107	Chromium	1	22.7	22.7
48583	68107	Chromium	1	16.7	16.7
48589	68107	Chromium	1	11.6	11.6
48593	68107	Chromium	1	12.5	12.5
48596	68107	Chromium	1	13.6	13.6
48620	68107	Chromium	1	26.9	26.9
48636	68107	Chromium	1	15.5	15.5
48639	68107	Chromium	1	17.2	17.2
48641	68107	Chromium	1	18.1	18.1
48654	68107	Chromium	1	18	18
48661	68107	Chromium	1	11.1	11.1
48668	68107	Chromium	1	15.2	15.2
48674	68107	Chromium	1	16.1	16.1
48685	68107	Chromium	1	10.4	10.4
48694	68107	Chromium	1	18.9	18.9
48708	68107	Chromium	1	19.6	19.6
48715	68107	Chromium	1	26.5	26.5
48721	68107	Chromium	1	12.3	12.3
48733	68107	Chromium	1	11.4	11.4
48736	68107	Chromium	1	50.3	50.3
48747	68107	Chromium	1	13.9	13.9
48768	68107	Chromium	1	12.2	12.2
48798	68107	Chromium	1	17.8	17.8
48815	68107	Chromium	1	10.7	10.7
48821	68107	Chromium	1	16.4	16.4
48836	68107	Chromium	1	10.5	10.5
48846	68107	Chromium	1	12.7	12.7
48855	68107	Chromium	1	16.6	16.6
48871	68107	Chromium	1	4.735	4.735
48886	68107	Chromium	1	20.2	20.2
48900	68107	Chromium	1	12.3	12.3
48904	68107	Chromium	1	22	22
48944	68107	Chromium	1	14.3	14.3
48952	68107	Chromium	1	19.8	19.8
48963	68107	Chromium	1	21	21
48973	68107	Chromium	1	14.1	14.1
48975	68107	Chromium	1	13.8	13.8
48977	68107	Chromium	1	15.7	15.7
48999	68107	Chromium	1	12.9	12.9
49012	68107	Chromium	1	18.6	18.6
49036	68107	Chromium	1	3.845	3.845
49070	68107	Chromium	1	17.8	17.8
49081	68107	Chromium	1	26	26
49082	68107	Chromium	1	16.9	16.9
49085	68107	Chromium	1	10.7	10.7
49098	68107	Chromium	1	17.5	17.5
49117	68107	Chromium	1	11.7	11.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49126	68107	Chromium	1	10.6	10.6
49167	68107	Chromium	1	18.4	18.4
49208	68107	Chromium	1	17.4	17.4
49239	68107	Chromium	1	15.1	15.1
49249	68107	Chromium	1	5.75	5.75
49371	68107	Chromium	1	18.3	18.3
49383	68107	Chromium	1	15	15
49395	68107	Chromium	1	10.7	10.7
49404	68107	Chromium	1	9.5	9.5
49435	68107	Chromium	1	13.7	13.7
49439	68107	Chromium	1	12.8	12.8
49441	68107	Chromium	1	7.95	7.95
49444	68107	Chromium	1	11.8	11.8
50137	68107	Chromium	1	12.1	12.1
50139	68107	Chromium	1	8.41	8.41
50140	68107	Chromium	1	10.4	10.4
50141	68107	Chromium	1	10.4	10.4
50144	68107	Chromium	1	11	11
50158	68107	Chromium	1	10.5	10.5
50185	68107	Chromium	1	10.2	10.2
50191	68107	Chromium	1	9	9
50192	68107	Chromium	1	7.83	7.83
50193	68107	Chromium	1	11.6	11.6
50214	68107	Chromium	1	12.8	12.8
50243	68107	Chromium	1	11.1	11.1
50244	68107	Chromium	1	10.7	10.7
50246	68107	Chromium	1	11	11
50249	68107	Chromium	1	11.5	11.5
50276	68107	Chromium	1	10.6	10.6
50284	68107	Chromium	1	12.3	12.3
50286	68107	Chromium	1	38.8	38.8
50292	68107	Chromium	1	9.66	9.66
50293	68107	Chromium	1	12	12
50294	68107	Chromium	1	9.94	9.94
50299	68107	Chromium	1	11.2	11.2
50300	68107	Chromium	1	11.6	11.6
50313	68107	Chromium	1	11.3	11.3
50325	68107	Chromium	1	10.4	10.4
50326	68107	Chromium	1	12.5	12.5
50335	68107	Chromium	1	10.5	10.5
50359	68107	Chromium	1	11	11
50360	68107	Chromium	1	11.2	11.2
50361	68107	Chromium	1	10.5	10.5
50362	68107	Chromium	1	9.7	9.7
50537	68107	Chromium	1	19.9	19.9
76891	68107	Chromium	1	12.9	12.9
89377	68107	Chromium	1	11.7	11.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
89408	68107	Chromium	1	12.4	12.4
2170	68108	Chromium	1	14.5	14.5
2518	68108	Chromium	1	15.8	15.8
2521	68108	Chromium	1	11.6	11.6
2522	68108	Chromium	1	15	15
2527	68108	Chromium	1	14.1	14.1
2532	68108	Chromium	1	16	16
5225	68108	Chromium	1	15.6	15.6
5227	68108	Chromium	1	26.8	26.8
5229	68108	Chromium	1	11.7	11.7
5284	68108	Chromium	1	23	23
5300	68108	Chromium	1	18.5	18.5
5304	68108	Chromium	1	15.5	15.5
5306	68108	Chromium	1	21.6	21.6
5332	68108	Chromium	1	13.3	13.3
5387	68108	Chromium	1	13.5	13.5
5390	68108	Chromium	1	13.4	13.4
5394	68108	Chromium	1	14.4	14.4
5395	68108	Chromium	1	17.3	17.3
5398	68108	Chromium	1	16.6	16.6
5403	68108	Chromium	1	11.9	11.9
5407	68108	Chromium	1	16.6	16.6
5408	68108	Chromium	1	26.5	26.5
5409	68108	Chromium	1	5	5
5416	68108	Chromium	1	51	51
5418	68108	Chromium	1	14.5	14.5
5422	68108	Chromium	1	14.4	14.4
5425	68108	Chromium	1	17.7	17.7
5426	68108	Chromium	1	15.4	15.4
5427	68108	Chromium	1	22.1	22.1
5429	68108	Chromium	1	14	14
5431	68108	Chromium	1	17	17
5432	68108	Chromium	1	15	15
5449	68108	Chromium	1	16.3	16.3
5450	68108	Chromium	1	14.6	14.6
5454	68108	Chromium	1	12.9	12.9
5460	68108	Chromium	1	12.1	12.1
5463	68108	Chromium	1	12.4	12.4
5467	68108	Chromium	1	14.6	14.6
5472	68108	Chromium	1	11.9	11.9
5473	68108	Chromium	1	13	13
5474	68108	Chromium	1	15.5	15.5
5480	68108	Chromium	1	15.2	15.2
5483	68108	Chromium	1	16.3	16.3
5485	68108	Chromium	1	12.5	12.5
5492	68108	Chromium	1	15.5	15.5
5505	68108	Chromium	1	16.4	16.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5572	68108	Chromium	1	14.7	14.7
5607	68108	Chromium	1	13.9	13.9
5608	68108	Chromium	1	23.4	23.4
5623	68108	Chromium	1	20.1	20.1
5628	68108	Chromium	1	13.1	13.1
5630	68108	Chromium	1	14.4	14.4
5636	68108	Chromium	1	19.2	19.2
5637	68108	Chromium	1	12.8	12.8
5652	68108	Chromium	1	14.2	14.2
12816	68108	Chromium	1	52.7	52.7
12859	68108	Chromium	1	15.1	15.1
12926	68108	Chromium	1	14.9	14.9
12947	68108	Chromium	1	20.8	20.8
13102	68108	Chromium	1	15.9	15.9
13164	68108	Chromium	1	13.4	13.4
13184	68108	Chromium	1	18.3	18.3
13189	68108	Chromium	1	10.2	10.2
13239	68108	Chromium	1	14.9	14.9
13267	68108	Chromium	1	15.7	15.7
13436	68108	Chromium	1	13.5	13.5
13485	68108	Chromium	1	16.7	16.7
13529	68108	Chromium	1	11.5	11.5
13530	68108	Chromium	1	15.5	15.5
13536	68108	Chromium	1	20.5	20.5
13575	68108	Chromium	1	16.8	16.8
13645	68108	Chromium	1	15.6	15.6
13661	68108	Chromium	1	15.3	15.3
13674	68108	Chromium	1	15.5	15.5
13675	68108	Chromium	1	14.6	14.6
13760	68108	Chromium	1	12.4	12.4
13773	68108	Chromium	1	15.4	15.4
13795	68108	Chromium	1	18.7	18.7
13941	68108	Chromium	1	13.9	13.9
14043	68108	Chromium	1	14.4	14.4
14076	68108	Chromium	1	8.06	8.06
14079	68108	Chromium	1	13.3	13.3
14130	68108	Chromium	1	17.2	17.2
14140	68108	Chromium	1	15.3	15.3
14203	68108	Chromium	1	7.01	7.01
14270	68108	Chromium	1	11.3	11.3
14279	68108	Chromium	1	15.7	15.7
14290	68108	Chromium	1	12.1	12.1
14438	68108	Chromium	1	17.7	17.7
14449	68108	Chromium	1	11.9	11.9
14481	68108	Chromium	1	16.7	16.7
14486	68108	Chromium	1	20.4	20.4
14497	68108	Chromium	1	14	14

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14537	68108	Chromium	1	12.6	12.6
14545	68108	Chromium	1	12.6	12.6
14576	68108	Chromium	1	16.3	16.3
14578	68108	Chromium	1	9.79	9.79
14617	68108	Chromium	1	16.6	16.6
14660	68108	Chromium	1	17.3	17.3
14692	68108	Chromium	1	23.6	23.6
14720	68108	Chromium	1	12.7	12.7
14818	68108	Chromium	1	15.5	15.5
14825	68108	Chromium	1	23.9	23.9
14849	68108	Chromium	1	16.1	16.1
14855	68108	Chromium	1	14.6	14.6
14878	68108	Chromium	1	18.1	18.1
14914	68108	Chromium	1	14.6	14.6
14998	68108	Chromium	1	11.6	11.6
15001	68108	Chromium	1	16.9	16.9
15051	68108	Chromium	1	14.1	14.1
15053	68108	Chromium	1	12.8	12.8
15116	68108	Chromium	1	2.32	2.32
15135	68108	Chromium	1	29	29
15248	68108	Chromium	1	12.5	12.5
15256	68108	Chromium	1	30.4	30.4
15266	68108	Chromium	1	13	13
15337	68108	Chromium	1	20.2	20.2
15443	68108	Chromium	1	14.9	14.9
15468	68108	Chromium	1	14.4	14.4
15601	68108	Chromium	1	15.3	15.3
15603	68108	Chromium	1	10.9	10.9
15687	68108	Chromium	1	15.3	15.3
15748	68108	Chromium	1	16.7	16.7
15768	68108	Chromium	1	16.5	16.5
15915	68108	Chromium	1	19.1	19.1
15939	68108	Chromium	1	12.9	12.9
15955	68108	Chromium	1	15.2	15.2
15966	68108	Chromium	1	14.9	14.9
15980	68108	Chromium	1	15.3	15.3
16006	68108	Chromium	1	12.5	12.5
16126	68108	Chromium	1	9.14	9.14
16135	68108	Chromium	1	8.89	8.89
16137	68108	Chromium	1	21.2	21.2
16145	68108	Chromium	1	17.1	17.1
16261	68108	Chromium	1	10.8	10.8
16267	68108	Chromium	1	10.8	10.8
16319	68108	Chromium	1	20	20
16349	68108	Chromium	1	14.8	14.8
16446	68108	Chromium	1	14.5	14.5
16530	68108	Chromium	1	15.9	15.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16556	68108	Chromium	1	13.7	13.7
16581	68108	Chromium	1	14.9	14.9
16595	68108	Chromium	1	13.6	13.6
16599	68108	Chromium	1	11.8	11.8
16711	68108	Chromium	1	17.2	17.2
16813	68108	Chromium	1	19.3	19.3
16973	68108	Chromium	1	18.3	18.3
17004	68108	Chromium	1	16.9	16.9
17005	68108	Chromium	1	11.3	11.3
17022	68108	Chromium	1	14.3	14.3
17242	68108	Chromium	1	16.3	16.3
17247	68108	Chromium	1	11.2	11.2
17282	68108	Chromium	1	86	86
17316	68108	Chromium	1	14.8	14.8
17323	68108	Chromium	1	14.7	14.7
17335	68108	Chromium	1	18	18
17360	68108	Chromium	1	20.3	20.3
17414	68108	Chromium	1	15.4	15.4
17416	68108	Chromium	1	26.2	26.2
17417	68108	Chromium	1	15.3	15.3
17418	68108	Chromium	1	16	16
17461	68108	Chromium	1	14.5	14.5
17498	68108	Chromium	1	12.3	12.3
17550	68108	Chromium	1	9.3	9.3
17671	68108	Chromium	1	20.2	20.2
17699	68108	Chromium	1	6.49	6.49
17700	68108	Chromium	1	14.7	14.7
17701	68108	Chromium	1	34.6	34.6
17703	68108	Chromium	1	20.1	20.1
17732	68108	Chromium	1	12.1	12.1
17778	68108	Chromium	1	16.5	16.5
17840	68108	Chromium	1	17	17
17849	68108	Chromium	1	14.8	14.8
17861	68108	Chromium	1	15.2	15.2
17864	68108	Chromium	1	13.7	13.7
17865	68108	Chromium	1	15.8	15.8
17908	68108	Chromium	1	14.9	14.9
17945	68108	Chromium	1	11.7	11.7
17963	68108	Chromium	1	21.4	21.4
17968	68108	Chromium	1	13	13
17985	68108	Chromium	1	5.66	5.66
18129	68108	Chromium	1	15.9	15.9
18148	68108	Chromium	1	15.7	15.7
18179	68108	Chromium	1	7.9	7.9
18198	68108	Chromium	1	20.8	20.8
18218	68108	Chromium	1	14	14
18222	68108	Chromium	1	17.6	17.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18249	68108	Chromium	1	15.6	15.6
18328	68108	Chromium	1	9.4	9.4
18330	68108	Chromium	1	12.3	12.3
18339	68108	Chromium	1	13.7	13.7
18385	68108	Chromium	1	40.7	40.7
18422	68108	Chromium	1	16.7	16.7
18435	68108	Chromium	1	18.5	18.5
18461	68108	Chromium	1	16.2	16.2
18486	68108	Chromium	1	13.1	13.1
18532	68108	Chromium	1	22.2	22.2
18547	68108	Chromium	1	11.8	11.8
18597	68108	Chromium	1	58.2	58.2
18634	68108	Chromium	1	12.4	12.4
18664	68108	Chromium	1	13.3	13.3
18687	68108	Chromium	1	12.3	12.3
18691	68108	Chromium	1	11	11
18697	68108	Chromium	1	13.8	13.8
18712	68108	Chromium	1	11.9	11.9
18718	68108	Chromium	1	15	15
18749	68108	Chromium	1	12	12
18800	68108	Chromium	1	19.7	19.7
18802	68108	Chromium	1	14.1	14.1
18833	68108	Chromium	1	30.5	30.5
18890	68108	Chromium	1	15.6	15.6
18903	68108	Chromium	1	16.2	16.2
18943	68108	Chromium	1	13	13
18968	68108	Chromium	1	13.5	13.5
18988	68108	Chromium	1	13.5	13.5
19030	68108	Chromium	1	15.2	15.2
19116	68108	Chromium	1	17.7	17.7
19126	68108	Chromium	1	13.3	13.3
19153	68108	Chromium	1	16.7	16.7
19190	68108	Chromium	1	11.6	11.6
19343	68108	Chromium	1	15.7	15.7
19371	68108	Chromium	1	14.4	14.4
19373	68108	Chromium	1	16.3	16.3
19417	68108	Chromium	1	14.7	14.7
19440	68108	Chromium	1	17.7	17.7
19444	68108	Chromium	1	10.8	10.8
19474	68108	Chromium	1	12.8	12.8
19640	68108	Chromium	1	18.3	18.3
19660	68108	Chromium	1	15.9	15.9
19680	68108	Chromium	1	12.7	12.7
19792	68108	Chromium	1	16.4	16.4
19875	68108	Chromium	1	17.4	17.4
19920	68108	Chromium	1	21.1	21.1
19988	68108	Chromium	1	12.8	12.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20044	68108	Chromium	1	15.4	15.4
20137	68108	Chromium	1	19.5	19.5
20149	68108	Chromium	1	17.3	17.3
20168	68108	Chromium	1	15.6	15.6
20169	68108	Chromium	1	11.8	11.8
20244	68108	Chromium	1	11.5	11.5
20285	68108	Chromium	1	13.4	13.4
20287	68108	Chromium	1	9.27	9.27
20344	68108	Chromium	1	16.9	16.9
20367	68108	Chromium	1	12.9	12.9
20464	68108	Chromium	1	12.3	12.3
20467	68108	Chromium	1	14.9	14.9
20567	68108	Chromium	1	11.2	11.2
20588	68108	Chromium	1	7.7	7.7
20608	68108	Chromium	1	16.5	16.5
20629	68108	Chromium	1	12.9	12.9
20671	68108	Chromium	1	18.5	18.5
20746	68108	Chromium	1	15	15
20752	68108	Chromium	1	13.1	13.1
20831	68108	Chromium	1	17.8	17.8
20881	68108	Chromium	1	16.5	16.5
20922	68108	Chromium	1	14.8	14.8
21123	68108	Chromium	1	12	12
21190	68108	Chromium	1	10.7	10.7
21502	68108	Chromium	1	13.3	13.3
21582	68108	Chromium	1	11.9	11.9
21729	68108	Chromium	1	14.1	14.1
21863	68108	Chromium	1	15.3	15.3
22203	68108	Chromium	1	4.765	4.765
22282	68108	Chromium	1	12.6	12.6
50453	68108	Chromium	1	15.5	15.5
50624	68108	Chromium	1	39.1	39.1
74047	68108	Chromium	1	17.2	17.2
79306	68108	Chromium	1	14.8	14.8
87989	68108	Chromium	1	16.8	16.8
88004	68108	Chromium	1	16.6	16.6
88031	68108	Chromium	1	15	15
89842	68108	Chromium	1	14.6	14.6
90601	68108	Chromium	1	11.1	11.1
92372	68108	Chromium	1	9.9	9.9
93003	68108	Chromium	1	15.8	15.8
93522	68108	Chromium	1	14	14
2069	68110	Chromium	1	16.6	16.6
2280	68110	Chromium	1	11.5	11.5
2354	68110	Chromium	1	16.7	16.7
2355	68110	Chromium	1	16.1	16.1
2539	68110	Chromium	1	20.1	20.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
3136	68110	Chromium	1	13.6	13.6
5258	68110	Chromium	1	15.5	15.5
5388	68110	Chromium	1	13.2	13.2
5520	68110	Chromium	1	16.9	16.9
5525	68110	Chromium	1	24.5	24.5
5527	68110	Chromium	1	14.4	14.4
5530	68110	Chromium	1	14.6	14.6
5532	68110	Chromium	1	24.5	24.5
5536	68110	Chromium	1	16.1	16.1
5541	68110	Chromium	1	15.1	15.1
5544	68110	Chromium	1	13.2	13.2
5546	68110	Chromium	1	13.2	13.2
5551	68110	Chromium	1	17.9	17.9
5559	68110	Chromium	1	14.7	14.7
5560	68110	Chromium	1	16.5	16.5
5561	68110	Chromium	1	14	14
5563	68110	Chromium	1	13.4	13.4
5565	68110	Chromium	1	15.3	15.3
5566	68110	Chromium	1	24.7	24.7
5612	68110	Chromium	1	13.4	13.4
5614	68110	Chromium	1	16.9	16.9
5641	68110	Chromium	1	14.5	14.5
5650	68110	Chromium	1	12.9	12.9
5651	68110	Chromium	1	14.3	14.3
26122	68110	Chromium	1	15.9	15.9
26133	68110	Chromium	1	14.1	14.1
26234	68110	Chromium	1	10.3	10.3
26341	68110	Chromium	1	14.6	14.6
26410	68110	Chromium	1	11.8	11.8
26447	68110	Chromium	1	12.1	12.1
26465	68110	Chromium	1	12.8	12.8
26527	68110	Chromium	1	12.2	12.2
26550	68110	Chromium	1	14.4	14.4
26762	68110	Chromium	1	12.2	12.2
27034	68110	Chromium	1	11.3	11.3
27069	68110	Chromium	1	18.3	18.3
27291	68110	Chromium	1	4.37	4.37
27435	68110	Chromium	1	22.6	22.6
27589	68110	Chromium	1	18.1	18.1
27592	68110	Chromium	1	17.7	17.7
27683	68110	Chromium	1	15.4	15.4
27704	68110	Chromium	1	15.5	15.5
27756	68110	Chromium	1	14.2	14.2
27815	68110	Chromium	1	5.44	5.44
27822	68110	Chromium	1	12.8	12.8
27826	68110	Chromium	1	15.9	15.9
27840	68110	Chromium	1	12	12

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27844	68110	Chromium	1	17.1	17.1
27884	68110	Chromium	1	14.1	14.1
27907	68110	Chromium	1	15.5	15.5
27927	68110	Chromium	1	16.3	16.3
27984	68110	Chromium	1	22.6	22.6
28074	68110	Chromium	1	15.6	15.6
28075	68110	Chromium	1	11.7	11.7
28120	68110	Chromium	1	12.7	12.7
28167	68110	Chromium	1	13.6	13.6
28226	68110	Chromium	1	11.6	11.6
28335	68110	Chromium	1	15.2	15.2
28360	68110	Chromium	1	17.7	17.7
28404	68110	Chromium	1	14.9	14.9
28421	68110	Chromium	1	14.4	14.4
28455	68110	Chromium	1	14.3	14.3
28501	68110	Chromium	1	12.5	12.5
28550	68110	Chromium	1	10.8	10.8
28591	68110	Chromium	1	13.3	13.3
28647	68110	Chromium	1	16.5	16.5
28670	68110	Chromium	1	12.2	12.2
28711	68110	Chromium	1	16.1	16.1
28717	68110	Chromium	1	15	15
28726	68110	Chromium	1	29.2	29.2
28905	68110	Chromium	1	8.9	8.9
28977	68110	Chromium	1	12.8	12.8
28999	68110	Chromium	1	12.7	12.7
29058	68110	Chromium	1	15.1	15.1
29063	68110	Chromium	1	15.2	15.2
29084	68110	Chromium	1	13.5	13.5
29093	68110	Chromium	1	11.1	11.1
29095	68110	Chromium	1	11.7	11.7
29117	68110	Chromium	1	28.1	28.1
29135	68110	Chromium	1	19.1	19.1
29207	68110	Chromium	1	13.9	13.9
29238	68110	Chromium	1	7.31	7.31
29257	68110	Chromium	1	14.8	14.8
29271	68110	Chromium	1	6.71	6.71
29283	68110	Chromium	1	14.2	14.2
29290	68110	Chromium	1	17.1	17.1
29332	68110	Chromium	1	12.1	12.1
29360	68110	Chromium	1	12.1	12.1
29361	68110	Chromium	1	13.1	13.1
29393	68110	Chromium	1	11	11
29421	68110	Chromium	1	15.9	15.9
29493	68110	Chromium	1	20.2	20.2
29500	68110	Chromium	1	15.6	15.6
29505	68110	Chromium	1	14.8	14.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29550	68110	Chromium	1	14.8	14.8
29610	68110	Chromium	1	12.6	12.6
29634	68110	Chromium	1	13.1	13.1
29665	68110	Chromium	1	9.94	9.94
29753	68110	Chromium	1	16	16
29774	68110	Chromium	1	11.1	11.1
29786	68110	Chromium	1	13	13
29795	68110	Chromium	1	10.6	10.6
29844	68110	Chromium	1	13.2	13.2
29877	68110	Chromium	1	20.6	20.6
29887	68110	Chromium	1	13.6	13.6
29911	68110	Chromium	1	14.7	14.7
29913	68110	Chromium	1	16.3	16.3
29920	68110	Chromium	1	9.56	9.56
29921	68110	Chromium	1	32.1	32.1
29934	68110	Chromium	1	16.3	16.3
29942	68110	Chromium	1	15.8	15.8
29943	68110	Chromium	1	13.3	13.3
30017	68110	Chromium	1	14.7	14.7
30172	68110	Chromium	1	11.7	11.7
30189	68110	Chromium	1	12.2	12.2
30210	68110	Chromium	1	6.59	6.59
30291	68110	Chromium	1	12.6	12.6
30394	68110	Chromium	1	15.2	15.2
30410	68110	Chromium	1	27	27
30422	68110	Chromium	1	15.5	15.5
30443	68110	Chromium	1	18.6	18.6
30469	68110	Chromium	1	15.2	15.2
30470	68110	Chromium	1	13.2	13.2
30500	68110	Chromium	1	11.5	11.5
30551	68110	Chromium	1	16.6	16.6
30556	68110	Chromium	1	14.5	14.5
30566	68110	Chromium	1	12.3	12.3
30575	68110	Chromium	1	13.9	13.9
30633	68110	Chromium	1	31.7	31.7
30651	68110	Chromium	1	12.4	12.4
30688	68110	Chromium	1	16.9	16.9
30705	68110	Chromium	1	16.4	16.4
30786	68110	Chromium	1	13.2	13.2
30803	68110	Chromium	1	13.1	13.1
30870	68110	Chromium	1	17.3	17.3
30954	68110	Chromium	1	12.7	12.7
30980	68110	Chromium	1	13.6	13.6
31097	68110	Chromium	1	17.3	17.3
31153	68110	Chromium	1	14.8	14.8
31174	68110	Chromium	1	16.2	16.2
31223	68110	Chromium	1	17.3	17.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31231	68110	Chromium	1	15	15
31350	68110	Chromium	1	18.2	18.2
31401	68110	Chromium	1	19.8	19.8
31568	68110	Chromium	1	17.9	17.9
31645	68110	Chromium	1	13.6	13.6
31757	68110	Chromium	1	22.7	22.7
31760	68110	Chromium	1	10.4	10.4
31814	68110	Chromium	1	12.3	12.3
31832	68110	Chromium	1	15	15
31959	68110	Chromium	1	13.1	13.1
32019	68110	Chromium	1	31.4	31.4
32039	68110	Chromium	1	32.2	32.2
32043	68110	Chromium	1	15.9	15.9
32063	68110	Chromium	1	15	15
32214	68110	Chromium	1	10.9	10.9
32373	68110	Chromium	1	19.7	19.7
32484	68110	Chromium	1	14.5	14.5
32508	68110	Chromium	1	20.6	20.6
32529	68110	Chromium	1	9.51	9.51
32536	68110	Chromium	1	12.3	12.3
32570	68110	Chromium	1	13.8	13.8
32645	68110	Chromium	1	50.5	50.5
32707	68110	Chromium	1	13.8	13.8
32727	68110	Chromium	1	18.3	18.3
32733	68110	Chromium	1	16.1	16.1
32734	68110	Chromium	1	13.2	13.2
32875	68110	Chromium	1	16.1	16.1
32903	68110	Chromium	1	13.7	13.7
32915	68110	Chromium	1	12.3	12.3
32927	68110	Chromium	1	12.1	12.1
32996	68110	Chromium	1	14.7	14.7
33078	68110	Chromium	1	17.2	17.2
33084	68110	Chromium	1	20.2	20.2
33280	68110	Chromium	1	22.2	22.2
33421	68110	Chromium	1	12.6	12.6
33468	68110	Chromium	1	12.9	12.9
33472	68110	Chromium	1	19.1	19.1
33477	68110	Chromium	1	9.9	9.9
33483	68110	Chromium	1	13.4	13.4
33512	68110	Chromium	1	13.2	13.2
33519	68110	Chromium	1	11.5	11.5
33543	68110	Chromium	1	16.5	16.5
33555	68110	Chromium	1	21.6	21.6
33602	68110	Chromium	1	12.6	12.6
33629	68110	Chromium	1	13.3	13.3
33635	68110	Chromium	1	16.7	16.7
33714	68110	Chromium	1	20.1	20.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33725	68110	Chromium	1	11.4	11.4
33840	68110	Chromium	1	13.4	13.4
33927	68110	Chromium	1	12.1	12.1
34002	68110	Chromium	1	13.1	13.1
34047	68110	Chromium	1	66.4	66.4
34116	68110	Chromium	1	23.9	23.9
34237	68110	Chromium	1	16.7	16.7
34260	68110	Chromium	1	11.4	11.4
34266	68110	Chromium	1	27.9	27.9
34272	68110	Chromium	1	9.33	9.33
34276	68110	Chromium	1	11.7	11.7
34287	68110	Chromium	1	12.5	12.5
34613	68110	Chromium	1	16.5	16.5
34625	68110	Chromium	1	12.8	12.8
34638	68110	Chromium	1	14.1	14.1
34674	68110	Chromium	1	15	15
34696	68110	Chromium	1	21.3	21.3
34710	68110	Chromium	1	14.3	14.3
34733	68110	Chromium	1	15.6	15.6
34738	68110	Chromium	1	10.2	10.2
34742	68110	Chromium	1	10.1	10.1
34821	68110	Chromium	1	15.5	15.5
35022	68110	Chromium	1	16.4	16.4
35047	68110	Chromium	1	21.6	21.6
35180	68110	Chromium	1	13.1	13.1
35183	68110	Chromium	1	10.6	10.6
35249	68110	Chromium	1	15	15
35384	68110	Chromium	1	15.7	15.7
35438	68110	Chromium	1	10.2	10.2
35501	68110	Chromium	1	15.2	15.2
35558	68110	Chromium	1	24.8	24.8
35589	68110	Chromium	1	13.3	13.3
35637	68110	Chromium	1	11.1	11.1
35710	68110	Chromium	1	12.2	12.2
35754	68110	Chromium	1	13.9	13.9
35787	68110	Chromium	1	13.7	13.7
35792	68110	Chromium	1	12.2	12.2
35793	68110	Chromium	1	15.1	15.1
36189	68110	Chromium	1	12.6	12.6
37075	68110	Chromium	1	14.5	14.5
37434	68110	Chromium	1	13.6	13.6
37456	68110	Chromium	1	18.4	18.4
37525	68110	Chromium	1	15.5	15.5
37674	68110	Chromium	1	18.5	18.5
37821	68110	Chromium	1	14.8	14.8
38725	68110	Chromium	1	18.1	18.1
38863	68110	Chromium	1	17.3	17.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
39142	68110	Chromium	1	11.5	11.5
39271	68110	Chromium	1	7.25	7.25
39434	68110	Chromium	1	18.1	18.1
39572	68110	Chromium	1	17.7	17.7
55636	68110	Chromium	1	14.1	14.1
74149	68110	Chromium	1	12	12
79377	68110	Chromium	1	12.7	12.7
81398	68110	Chromium	1	14.2	14.2
81400	68110	Chromium	1	13.1	13.1
87991	68110	Chromium	1	11.6	11.6
90908	68110	Chromium	1	13.6	13.6
91449	68110	Chromium	1	13.2	13.2
92501	68110	Chromium	1	9.7	9.7
92675	68110	Chromium	1	12.1	12.1
93337	68110	Chromium	1	12.4	12.4
93338	68110	Chromium	1	11.9	11.9
93342	68110	Chromium	1	11.3	11.3
93344	68110	Chromium	1	13	13
93345	68110	Chromium	1	13.6	13.6
2035	68111	Chromium	1	18.4	18.4
2075	68111	Chromium	1	34.8	34.8
2103	68111	Chromium	1	14.2	14.2
2109	68111	Chromium	1	18.5	18.5
2118	68111	Chromium	1	4.035	4.035
2121	68111	Chromium	1	14.9	14.9
2126	68111	Chromium	1	17.1	17.1
2154	68111	Chromium	1	19.1	19.1
2179	68111	Chromium	1	10.9	10.9
2216	68111	Chromium	1	18.3	18.3
2225	68111	Chromium	1	15	15
2231	68111	Chromium	1	12.1	12.1
2262	68111	Chromium	1	15	15
2365	68111	Chromium	1	11.7	11.7
2425	68111	Chromium	1	18.6	18.6
2565	68111	Chromium	1	18.7	18.7
3046	68111	Chromium	1	13.5	13.5
3051	68111	Chromium	1	11.9	11.9
3058	68111	Chromium	1	14.1	14.1
3091	68111	Chromium	1	38.2	38.2
3133	68111	Chromium	1	11.4	11.4
3151	68111	Chromium	1	17.9	17.9
5013	68111	Chromium	1	19.8	19.8
5085	68111	Chromium	1	17.5	17.5
5170	68111	Chromium	1	13.1	13.1
5171	68111	Chromium	1	16.1	16.1
5204	68111	Chromium	1	14.4	14.4
5206	68111	Chromium	1	14.7	14.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5208	68111	Chromium	1	15.7	15.7
5215	68111	Chromium	1	13.8	13.8
5221	68111	Chromium	1	15.4	15.4
5230	68111	Chromium	1	14.9	14.9
5232	68111	Chromium	1	19.7	19.7
5234	68111	Chromium	1	16.9	16.9
5236	68111	Chromium	1	19.2	19.2
5238	68111	Chromium	1	13.6	13.6
5240	68111	Chromium	1	12.4	12.4
5242	68111	Chromium	1	13.9	13.9
5246	68111	Chromium	1	25.4	25.4
5288	68111	Chromium	1	25.1	25.1
5296	68111	Chromium	1	14.3	14.3
5330	68111	Chromium	1	16.7	16.7
5333	68111	Chromium	1	10.1	10.1
5513	68111	Chromium	1	19.5	19.5
5514	68111	Chromium	1	14.5	14.5
5618	68111	Chromium	1	14.6	14.6
25647	68111	Chromium	1	16.8	16.8
25663	68111	Chromium	1	21.6	21.6
25670	68111	Chromium	1	15.5	15.5
25708	68111	Chromium	1	14.3	14.3
25709	68111	Chromium	1	9.2	9.2
25750	68111	Chromium	1	9.92	9.92
25780	68111	Chromium	1	14.2	14.2
25786	68111	Chromium	1	19.3	19.3
25794	68111	Chromium	1	20.4	20.4
25804	68111	Chromium	1	14.6	14.6
25805	68111	Chromium	1	16.6	16.6
25834	68111	Chromium	1	17.1	17.1
25849	68111	Chromium	1	19.1	19.1
25869	68111	Chromium	1	11.8	11.8
25874	68111	Chromium	1	13.8	13.8
25877	68111	Chromium	1	15.2	15.2
25894	68111	Chromium	1	14.2	14.2
25903	68111	Chromium	1	10.5	10.5
25918	68111	Chromium	1	13.7	13.7
25921	68111	Chromium	1	10.8	10.8
25977	68111	Chromium	1	16.7	16.7
25985	68111	Chromium	1	15.9	15.9
26005	68111	Chromium	1	22	22
26009	68111	Chromium	1	24	24
26011	68111	Chromium	1	12.5	12.5
26030	68111	Chromium	1	20	20
26042	68111	Chromium	1	17.1	17.1
26043	68111	Chromium	1	14.4	14.4
26045	68111	Chromium	1	17.2	17.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26053	68111	Chromium	1	13.6	13.6
26084	68111	Chromium	1	20.7	20.7
26100	68111	Chromium	1	31.9	31.9
26124	68111	Chromium	1	14.8	14.8
26135	68111	Chromium	1	17	17
26142	68111	Chromium	1	16.1	16.1
26149	68111	Chromium	1	18.7	18.7
26160	68111	Chromium	1	11.2	11.2
26164	68111	Chromium	1	13	13
26191	68111	Chromium	1	13.6	13.6
26199	68111	Chromium	1	17.5	17.5
26202	68111	Chromium	1	17.9	17.9
26204	68111	Chromium	1	11.3	11.3
26211	68111	Chromium	1	14.7	14.7
26215	68111	Chromium	1	12.2	12.2
26228	68111	Chromium	1	16	16
26229	68111	Chromium	1	16.2	16.2
26231	68111	Chromium	1	11.1	11.1
26249	68111	Chromium	1	10.9	10.9
26257	68111	Chromium	1	12.5	12.5
26263	68111	Chromium	1	144	144
26288	68111	Chromium	1	16.6	16.6
26289	68111	Chromium	1	27.9	27.9
26290	68111	Chromium	1	11.8	11.8
26295	68111	Chromium	1	20.4	20.4
26303	68111	Chromium	1	13.2	13.2
26327	68111	Chromium	1	12.9	12.9
26372	68111	Chromium	1	17.7	17.7
26428	68111	Chromium	1	18	18
26456	68111	Chromium	1	15.5	15.5
26459	68111	Chromium	1	14.1	14.1
26480	68111	Chromium	1	14.4	14.4
26485	68111	Chromium	1	9.46	9.46
26514	68111	Chromium	1	14	14
26518	68111	Chromium	1	19.1	19.1
26543	68111	Chromium	1	10.2	10.2
26570	68111	Chromium	1	20	20
26604	68111	Chromium	1	11.6	11.6
26653	68111	Chromium	1	18.7	18.7
26663	68111	Chromium	1	17.7	17.7
26665	68111	Chromium	1	13.7	13.7
26682	68111	Chromium	1	17.7	17.7
26695	68111	Chromium	1	15	15
26716	68111	Chromium	1	16.3	16.3
26742	68111	Chromium	1	17.8	17.8
26757	68111	Chromium	1	15.1	15.1
26759	68111	Chromium	1	11.2	11.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26772	68111	Chromium	1	23	23
26779	68111	Chromium	1	44.2	44.2
26783	68111	Chromium	1	15.5	15.5
26834	68111	Chromium	1	19.7	19.7
26844	68111	Chromium	1	11.6	11.6
26858	68111	Chromium	1	17.6	17.6
26865	68111	Chromium	1	12.5	12.5
26868	68111	Chromium	1	8.84	8.84
26869	68111	Chromium	1	11.6	11.6
26877	68111	Chromium	1	10.9	10.9
26891	68111	Chromium	1	13.9	13.9
26948	68111	Chromium	1	26.2	26.2
26955	68111	Chromium	1	14.7	14.7
26967	68111	Chromium	1	15.8	15.8
26996	68111	Chromium	1	13.4	13.4
26997	68111	Chromium	1	11.4	11.4
26999	68111	Chromium	1	17.7	17.7
27005	68111	Chromium	1	12	12
27031	68111	Chromium	1	13.1	13.1
27038	68111	Chromium	1	14.1	14.1
27052	68111	Chromium	1	13.8	13.8
27074	68111	Chromium	1	11.3	11.3
27096	68111	Chromium	1	142	142
27107	68111	Chromium	1	4.12	4.12
27117	68111	Chromium	1	9.8	9.8
27120	68111	Chromium	1	15.2	15.2
27137	68111	Chromium	1	12.4	12.4
27138	68111	Chromium	1	14.3	14.3
27139	68111	Chromium	1	10.9	10.9
27140	68111	Chromium	1	14.2	14.2
27142	68111	Chromium	1	22.2	22.2
27144	68111	Chromium	1	13.3	13.3
27145	68111	Chromium	1	12.2	12.2
27148	68111	Chromium	1	12.9	12.9
27177	68111	Chromium	1	2.24	2.24
27185	68111	Chromium	1	14	14
27191	68111	Chromium	1	15.3	15.3
27193	68111	Chromium	1	11.2	11.2
27202	68111	Chromium	1	15.9	15.9
27264	68111	Chromium	1	14.1	14.1
27266	68111	Chromium	1	11.8	11.8
27269	68111	Chromium	1	17.3	17.3
27278	68111	Chromium	1	10.5	10.5
27308	68111	Chromium	1	10.6	10.6
27315	68111	Chromium	1	17.6	17.6
27318	68111	Chromium	1	16.1	16.1
27342	68111	Chromium	1	12.3	12.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27347	68111	Chromium	1	14.2	14.2
27366	68111	Chromium	1	14.3	14.3
27369	68111	Chromium	1	10.9	10.9
27399	68111	Chromium	1	16.9	16.9
27402	68111	Chromium	1	18.4	18.4
27446	68111	Chromium	1	15.4	15.4
27461	68111	Chromium	1	11	11
27467	68111	Chromium	1	18	18
27475	68111	Chromium	1	15.3	15.3
27481	68111	Chromium	1	16.5	16.5
27488	68111	Chromium	1	14.1	14.1
27524	68111	Chromium	1	11	11
27567	68111	Chromium	1	13.7	13.7
27581	68111	Chromium	1	16.4	16.4
27585	68111	Chromium	1	13.2	13.2
27604	68111	Chromium	1	12.8	12.8
27608	68111	Chromium	1	13.4	13.4
27630	68111	Chromium	1	17.4	17.4
27632	68111	Chromium	1	11.3	11.3
27658	68111	Chromium	1	11	11
27718	68111	Chromium	1	13.2	13.2
27734	68111	Chromium	1	10.6	10.6
27739	68111	Chromium	1	16.9	16.9
27742	68111	Chromium	1	12.1	12.1
27764	68111	Chromium	1	13.7	13.7
27768	68111	Chromium	1	16.1	16.1
27780	68111	Chromium	1	19.4	19.4
27854	68111	Chromium	1	15	15
27859	68111	Chromium	1	14.9	14.9
27885	68111	Chromium	1	23.4	23.4
27886	68111	Chromium	1	18.6	18.6
27913	68111	Chromium	1	6.08	6.08
27920	68111	Chromium	1	11.7	11.7
27924	68111	Chromium	1	8.86	8.86
27939	68111	Chromium	1	23.9	23.9
27962	68111	Chromium	1	14.7	14.7
28004	68111	Chromium	1	23	23
28011	68111	Chromium	1	13.1	13.1
28019	68111	Chromium	1	27.4	27.4
28020	68111	Chromium	1	8.8	8.8
28022	68111	Chromium	1	10.4	10.4
28045	68111	Chromium	1	27.6	27.6
28065	68111	Chromium	1	14.5	14.5
28072	68111	Chromium	1	12.6	12.6
28105	68111	Chromium	1	10.5	10.5
28108	68111	Chromium	1	42.4	42.4
28144	68111	Chromium	1	22.5	22.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28148	68111	Chromium	1	8.15	8.15
28154	68111	Chromium	1	15	15
28157	68111	Chromium	1	14.1	14.1
28185	68111	Chromium	1	8.1	8.1
28186	68111	Chromium	1	14.8	14.8
28188	68111	Chromium	1	12.6	12.6
28218	68111	Chromium	1	17.6	17.6
28222	68111	Chromium	1	12.3	12.3
28273	68111	Chromium	1	12.5	12.5
28284	68111	Chromium	1	12.6	12.6
28329	68111	Chromium	1	22.2	22.2
28338	68111	Chromium	1	13.5	13.5
28375	68111	Chromium	1	14.7	14.7
28377	68111	Chromium	1	15.7	15.7
28417	68111	Chromium	1	16.8	16.8
28423	68111	Chromium	1	14.2	14.2
28434	68111	Chromium	1	15.2	15.2
28518	68111	Chromium	1	20.2	20.2
28544	68111	Chromium	1	12.4	12.4
28558	68111	Chromium	1	18.3	18.3
28561	68111	Chromium	1	11.1	11.1
28573	68111	Chromium	1	14.5	14.5
28611	68111	Chromium	1	17.3	17.3
28612	68111	Chromium	1	18.9	18.9
28618	68111	Chromium	1	18.7	18.7
28623	68111	Chromium	1	17.8	17.8
28625	68111	Chromium	1	14.7	14.7
28648	68111	Chromium	1	39.6	39.6
28661	68111	Chromium	1	14	14
28688	68111	Chromium	1	6.71	6.71
28709	68111	Chromium	1	15.8	15.8
28713	68111	Chromium	1	12.9	12.9
28725	68111	Chromium	1	13.9	13.9
28730	68111	Chromium	1	14	14
28749	68111	Chromium	1	11.7	11.7
28763	68111	Chromium	1	13.5	13.5
28764	68111	Chromium	1	13	13
28766	68111	Chromium	1	12.9	12.9
28781	68111	Chromium	1	12.5	12.5
28785	68111	Chromium	1	18.5	18.5
28798	68111	Chromium	1	15.2	15.2
28799	68111	Chromium	1	15	15
28809	68111	Chromium	1	8.25	8.25
28811	68111	Chromium	1	11.6	11.6
28819	68111	Chromium	1	9.75	9.75
28836	68111	Chromium	1	15.3	15.3
28837	68111	Chromium	1	15.6	15.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28841	68111	Chromium	1	18.3	18.3
28846	68111	Chromium	1	14.8	14.8
28893	68111	Chromium	1	16.7	16.7
28909	68111	Chromium	1	16	16
28942	68111	Chromium	1	20.8	20.8
28959	68111	Chromium	1	24.9	24.9
28963	68111	Chromium	1	13.8	13.8
28967	68111	Chromium	1	16.3	16.3
28984	68111	Chromium	1	19.8	19.8
28991	68111	Chromium	1	43.1	43.1
29002	68111	Chromium	1	15.5	15.5
29023	68111	Chromium	1	10.5	10.5
29033	68111	Chromium	1	12.6	12.6
29037	68111	Chromium	1	14.3	14.3
29071	68111	Chromium	1	18.1	18.1
29090	68111	Chromium	1	23.3	23.3
29101	68111	Chromium	1	12.9	12.9
29102	68111	Chromium	1	17.7	17.7
29105	68111	Chromium	1	15.3	15.3
29155	68111	Chromium	1	10.2	10.2
29165	68111	Chromium	1	13.2	13.2
29175	68111	Chromium	1	13.6	13.6
29177	68111	Chromium	1	15	15
29181	68111	Chromium	1	18.2	18.2
29204	68111	Chromium	1	1	1
29205	68111	Chromium	1	35.9	35.9
29214	68111	Chromium	1	11	11
29220	68111	Chromium	1	16.3	16.3
29240	68111	Chromium	1	19.2	19.2
29248	68111	Chromium	1	7.45	7.45
29274	68111	Chromium	1	11.1	11.1
29285	68111	Chromium	1	12.2	12.2
29328	68111	Chromium	1	17.8	17.8
29343	68111	Chromium	1	14.5	14.5
29354	68111	Chromium	1	17.2	17.2
29358	68111	Chromium	1	16.8	16.8
29386	68111	Chromium	1	8.35	8.35
29409	68111	Chromium	1	12.9	12.9
29431	68111	Chromium	1	18.4	18.4
29432	68111	Chromium	1	11.5	11.5
29445	68111	Chromium	1	12.1	12.1
29469	68111	Chromium	1	14	14
29499	68111	Chromium	1	14.1	14.1
29552	68111	Chromium	1	18.9	18.9
29558	68111	Chromium	1	21.7	21.7
29578	68111	Chromium	1	20.5	20.5
29608	68111	Chromium	1	17.1	17.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29625	68111	Chromium	1	17.3	17.3
29633	68111	Chromium	1	17	17
29671	68111	Chromium	1	13.1	13.1
29678	68111	Chromium	1	12.6	12.6
29683	68111	Chromium	1	11.4	11.4
29684	68111	Chromium	1	16.1	16.1
29689	68111	Chromium	1	18.9	18.9
29717	68111	Chromium	1	13.6	13.6
29777	68111	Chromium	1	16.5	16.5
29792	68111	Chromium	1	11.8	11.8
29806	68111	Chromium	1	13.5	13.5
29818	68111	Chromium	1	12.3	12.3
29824	68111	Chromium	1	8.57	8.57
29826	68111	Chromium	1	14.6	14.6
29881	68111	Chromium	1	22.4	22.4
29889	68111	Chromium	1	16.6	16.6
29910	68111	Chromium	1	22	22
29912	68111	Chromium	1	18.7	18.7
29927	68111	Chromium	1	13.3	13.3
29953	68111	Chromium	1	24.4	24.4
29974	68111	Chromium	1	16.9	16.9
29978	68111	Chromium	1	14.2	14.2
29991	68111	Chromium	1	12.6	12.6
29993	68111	Chromium	1	13.2	13.2
30012	68111	Chromium	1	15.2	15.2
30045	68111	Chromium	1	16.5	16.5
30050	68111	Chromium	1	14.2	14.2
30068	68111	Chromium	1	15.5	15.5
30078	68111	Chromium	1	16.6	16.6
30081	68111	Chromium	1	15.3	15.3
30123	68111	Chromium	1	26.6	26.6
30130	68111	Chromium	1	15.7	15.7
30133	68111	Chromium	1	17	17
30161	68111	Chromium	1	21.9	21.9
30169	68111	Chromium	1	19	19
30171	68111	Chromium	1	10.3	10.3
30177	68111	Chromium	1	15.5	15.5
30182	68111	Chromium	1	14.3	14.3
30201	68111	Chromium	1	10.9	10.9
30220	68111	Chromium	1	15.8	15.8
30225	68111	Chromium	1	23.3	23.3
30244	68111	Chromium	1	17.1	17.1
30253	68111	Chromium	1	14.2	14.2
30345	68111	Chromium	1	32.8	32.8
30347	68111	Chromium	1	10.2	10.2
30387	68111	Chromium	1	13.7	13.7
30417	68111	Chromium	1	15.2	15.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30420	68111	Chromium	1	14.4	14.4
30434	68111	Chromium	1	13.7	13.7
30455	68111	Chromium	1	15.3	15.3
30462	68111	Chromium	1	16.9	16.9
30494	68111	Chromium	1	9.06	9.06
30521	68111	Chromium	1	15.3	15.3
30526	68111	Chromium	1	17.1	17.1
30536	68111	Chromium	1	20.3	20.3
30563	68111	Chromium	1	14.6	14.6
30580	68111	Chromium	1	1	1
30625	68111	Chromium	1	15.2	15.2
30644	68111	Chromium	1	11.9	11.9
30645	68111	Chromium	1	15.3	15.3
30683	68111	Chromium	1	8.3	8.3
30699	68111	Chromium	1	11.8	11.8
30700	68111	Chromium	1	12.1	12.1
30714	68111	Chromium	1	17.6	17.6
30757	68111	Chromium	1	36.1	36.1
30802	68111	Chromium	1	13	13
30813	68111	Chromium	1	12.1	12.1
30817	68111	Chromium	1	15	15
30836	68111	Chromium	1	13.7	13.7
30841	68111	Chromium	1	24.6	24.6
30844	68111	Chromium	1	11.8	11.8
30881	68111	Chromium	1	16.7	16.7
30888	68111	Chromium	1	15.2	15.2
30918	68111	Chromium	1	17.5	17.5
30927	68111	Chromium	1	12.5	12.5
30932	68111	Chromium	1	11.5	11.5
30933	68111	Chromium	1	20.2	20.2
30939	68111	Chromium	1	12	12
30978	68111	Chromium	1	11.5	11.5
30991	68111	Chromium	1	24.3	24.3
30995	68111	Chromium	1	23.2	23.2
30997	68111	Chromium	1	10.4	10.4
31008	68111	Chromium	1	12.2	12.2
31042	68111	Chromium	1	11.6	11.6
31045	68111	Chromium	1	15.9	15.9
31046	68111	Chromium	1	14.7	14.7
31052	68111	Chromium	1	9.77	9.77
31056	68111	Chromium	1	13.4	13.4
31071	68111	Chromium	1	11.2	11.2
31074	68111	Chromium	1	31.1	31.1
31076	68111	Chromium	1	8.99	8.99
31081	68111	Chromium	1	13.9	13.9
31102	68111	Chromium	1	12.9	12.9
31104	68111	Chromium	1	12.7	12.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31120	68111	Chromium	1	14.1	14.1
31129	68111	Chromium	1	15.1	15.1
31131	68111	Chromium	1	17.1	17.1
31141	68111	Chromium	1	30.8	30.8
31145	68111	Chromium	1	34	34
31163	68111	Chromium	1	12.8	12.8
31171	68111	Chromium	1	12	12
31176	68111	Chromium	1	13.1	13.1
31186	68111	Chromium	1	16.5	16.5
31189	68111	Chromium	1	11.7	11.7
31192	68111	Chromium	1	10.9	10.9
31206	68111	Chromium	1	17.4	17.4
31229	68111	Chromium	1	12.5	12.5
31237	68111	Chromium	1	14.2	14.2
31262	68111	Chromium	1	19.3	19.3
31300	68111	Chromium	1	25	25
31303	68111	Chromium	1	11.2	11.2
31316	68111	Chromium	1	91.2	91.2
31357	68111	Chromium	1	14.6	14.6
31360	68111	Chromium	1	14.1	14.1
31361	68111	Chromium	1	11.1	11.1
31362	68111	Chromium	1	13.4	13.4
31365	68111	Chromium	1	34.3	34.3
31366	68111	Chromium	1	19	19
31377	68111	Chromium	1	13.7	13.7
31398	68111	Chromium	1	17.2	17.2
31408	68111	Chromium	1	12.1	12.1
31433	68111	Chromium	1	11.2	11.2
31442	68111	Chromium	1	16.6	16.6
31444	68111	Chromium	1	14.2	14.2
31457	68111	Chromium	1	16.3	16.3
31478	68111	Chromium	1	15.8	15.8
31517	68111	Chromium	1	29.8	29.8
31583	68111	Chromium	1	11.3	11.3
31603	68111	Chromium	1	17.3	17.3
31607	68111	Chromium	1	17	17
31615	68111	Chromium	1	15.8	15.8
31695	68111	Chromium	1	12.2	12.2
31698	68111	Chromium	1	13.6	13.6
31733	68111	Chromium	1	13.6	13.6
31740	68111	Chromium	1	14.5	14.5
31799	68111	Chromium	1	14.9	14.9
31803	68111	Chromium	1	20.8	20.8
31823	68111	Chromium	1	12.6	12.6
31850	68111	Chromium	1	18.7	18.7
31853	68111	Chromium	1	13.5	13.5
31854	68111	Chromium	1	12.2	12.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31858	68111	Chromium	1	11.2	11.2
31868	68111	Chromium	1	16.1	16.1
31871	68111	Chromium	1	19	19
31882	68111	Chromium	1	10.8	10.8
31887	68111	Chromium	1	15.7	15.7
31896	68111	Chromium	1	10.2	10.2
31899	68111	Chromium	1	11.8	11.8
31911	68111	Chromium	1	18.9	18.9
31925	68111	Chromium	1	14.4	14.4
31936	68111	Chromium	1	29.8	29.8
31964	68111	Chromium	1	26	26
31965	68111	Chromium	1	14.5	14.5
31977	68111	Chromium	1	23.2	23.2
31986	68111	Chromium	1	15.9	15.9
32001	68111	Chromium	1	10.9	10.9
32016	68111	Chromium	1	12.2	12.2
32021	68111	Chromium	1	14.5	14.5
32022	68111	Chromium	1	11.7	11.7
32040	68111	Chromium	1	13.3	13.3
32046	68111	Chromium	1	20.6	20.6
32049	68111	Chromium	1	15.1	15.1
32070	68111	Chromium	1	10	10
32081	68111	Chromium	1	13.1	13.1
32089	68111	Chromium	1	16.1	16.1
32092	68111	Chromium	1	13	13
32153	68111	Chromium	1	22.3	22.3
32162	68111	Chromium	1	10.4	10.4
32168	68111	Chromium	1	20.7	20.7
32208	68111	Chromium	1	9.08	9.08
32228	68111	Chromium	1	20.8	20.8
32252	68111	Chromium	1	166	166
32256	68111	Chromium	1	22.5	22.5
32261	68111	Chromium	1	18.5	18.5
32267	68111	Chromium	1	12.9	12.9
32276	68111	Chromium	1	16.4	16.4
32277	68111	Chromium	1	17.6	17.6
32283	68111	Chromium	1	14.6	14.6
32284	68111	Chromium	1	12.3	12.3
32287	68111	Chromium	1	23.2	23.2
32293	68111	Chromium	1	13.5	13.5
32311	68111	Chromium	1	11.7	11.7
32316	68111	Chromium	1	14.2	14.2
32325	68111	Chromium	1	11.5	11.5
32339	68111	Chromium	1	15.5	15.5
32346	68111	Chromium	1	16.3	16.3
32414	68111	Chromium	1	23.9	23.9
32418	68111	Chromium	1	17.5	17.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32428	68111	Chromium	1	15.3	15.3
32429	68111	Chromium	1	16.4	16.4
32441	68111	Chromium	1	13.5	13.5
32444	68111	Chromium	1	15.3	15.3
32455	68111	Chromium	1	12.3	12.3
32456	68111	Chromium	1	14.9	14.9
32458	68111	Chromium	1	11.7	11.7
32497	68111	Chromium	1	24	24
32502	68111	Chromium	1	28.8	28.8
32539	68111	Chromium	1	13.4	13.4
32547	68111	Chromium	1	11.1	11.1
32562	68111	Chromium	1	15.9	15.9
32581	68111	Chromium	1	12.6	12.6
32596	68111	Chromium	1	11.4	11.4
32633	68111	Chromium	1	12.8	12.8
32673	68111	Chromium	1	15.8	15.8
32678	68111	Chromium	1	14.1	14.1
32686	68111	Chromium	1	12.5	12.5
32696	68111	Chromium	1	18.2	18.2
32702	68111	Chromium	1	13.7	13.7
32708	68111	Chromium	1	17.6	17.6
32736	68111	Chromium	1	15.9	15.9
32775	68111	Chromium	1	12	12
32779	68111	Chromium	1	9.25	9.25
32780	68111	Chromium	1	29.6	29.6
32783	68111	Chromium	1	14	14
32818	68111	Chromium	1	16	16
32847	68111	Chromium	1	11.2	11.2
32851	68111	Chromium	1	15.1	15.1
32852	68111	Chromium	1	17.3	17.3
32874	68111	Chromium	1	10.1	10.1
32876	68111	Chromium	1	17.4	17.4
32891	68111	Chromium	1	18.2	18.2
32896	68111	Chromium	1	15.2	15.2
32912	68111	Chromium	1	17.2	17.2
32914	68111	Chromium	1	12.9	12.9
32931	68111	Chromium	1	11.6	11.6
32940	68111	Chromium	1	16	16
32949	68111	Chromium	1	27.5	27.5
32968	68111	Chromium	1	1	1
32972	68111	Chromium	1	14.1	14.1
32973	68111	Chromium	1	19.5	19.5
32974	68111	Chromium	1	14	14
32989	68111	Chromium	1	18.5	18.5
32992	68111	Chromium	1	59.6	59.6
33009	68111	Chromium	1	13.1	13.1
33012	68111	Chromium	1	18.8	18.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33014	68111	Chromium	1	12.3	12.3
33036	68111	Chromium	1	14.5	14.5
33037	68111	Chromium	1	11.4	11.4
33042	68111	Chromium	1	19	19
33043	68111	Chromium	1	12.1	12.1
33060	68111	Chromium	1	15.3	15.3
33062	68111	Chromium	1	28.1	28.1
33120	68111	Chromium	1	11.2	11.2
33177	68111	Chromium	1	16.9	16.9
33207	68111	Chromium	1	18.8	18.8
33296	68111	Chromium	1	12	12
33314	68111	Chromium	1	16.8	16.8
33317	68111	Chromium	1	13.3	13.3
33350	68111	Chromium	1	10.1	10.1
33372	68111	Chromium	1	18.3	18.3
33392	68111	Chromium	1	14.4	14.4
33453	68111	Chromium	1	18.7	18.7
33456	68111	Chromium	1	13.6	13.6
33480	68111	Chromium	1	22.5	22.5
33492	68111	Chromium	1	11.8	11.8
33600	68111	Chromium	1	14.8	14.8
33607	68111	Chromium	1	12.1	12.1
33630	68111	Chromium	1	15.9	15.9
33631	68111	Chromium	1	18.4	18.4
33647	68111	Chromium	1	17.7	17.7
33696	68111	Chromium	1	18.6	18.6
33711	68111	Chromium	1	7.9	7.9
33741	68111	Chromium	1	16.6	16.6
33772	68111	Chromium	1	12.6	12.6
33803	68111	Chromium	1	16	16
33805	68111	Chromium	1	10.7	10.7
33806	68111	Chromium	1	14.3	14.3
33818	68111	Chromium	1	17.4	17.4
33831	68111	Chromium	1	30.5	30.5
33833	68111	Chromium	1	18.2	18.2
33856	68111	Chromium	1	14.3	14.3
33863	68111	Chromium	1	20.8	20.8
33875	68111	Chromium	1	13.9	13.9
33903	68111	Chromium	1	20.1	20.1
33915	68111	Chromium	1	11.4	11.4
33947	68111	Chromium	1	13	13
33997	68111	Chromium	1	18	18
34037	68111	Chromium	1	11.4	11.4
34040	68111	Chromium	1	22.6	22.6
34059	68111	Chromium	1	12.9	12.9
34060	68111	Chromium	1	40.3	40.3
34075	68111	Chromium	1	14.3	14.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34088	68111	Chromium	1	29.4	29.4
34126	68111	Chromium	1	14.1	14.1
34128	68111	Chromium	1	21.7	21.7
34142	68111	Chromium	1	19.9	19.9
34173	68111	Chromium	1	13.9	13.9
34179	68111	Chromium	1	7.74	7.74
34200	68111	Chromium	1	15	15
34219	68111	Chromium	1	14.1	14.1
34222	68111	Chromium	1	21.7	21.7
34224	68111	Chromium	1	15.5	15.5
34225	68111	Chromium	1	23.9	23.9
34247	68111	Chromium	1	19.6	19.6
34251	68111	Chromium	1	16.3	16.3
34255	68111	Chromium	1	18	18
34257	68111	Chromium	1	17.1	17.1
34320	68111	Chromium	1	16	16
34371	68111	Chromium	1	22.3	22.3
34377	68111	Chromium	1	24.6	24.6
34387	68111	Chromium	1	14.8	14.8
34396	68111	Chromium	1	13.2	13.2
34430	68111	Chromium	1	7.4	7.4
34444	68111	Chromium	1	36.8	36.8
34478	68111	Chromium	1	9.28	9.28
34503	68111	Chromium	1	11.3	11.3
34560	68111	Chromium	1	20.3	20.3
34562	68111	Chromium	1	16.5	16.5
34595	68111	Chromium	1	14.4	14.4
34621	68111	Chromium	1	14	14
34626	68111	Chromium	1	12.1	12.1
34639	68111	Chromium	1	6.25	6.25
34663	68111	Chromium	1	13.4	13.4
34669	68111	Chromium	1	17.2	17.2
34691	68111	Chromium	1	13.1	13.1
34703	68111	Chromium	1	13.7	13.7
34766	68111	Chromium	1	14.7	14.7
34778	68111	Chromium	1	16.9	16.9
34888	68111	Chromium	1	56.5	56.5
34892	68111	Chromium	1	16.7	16.7
34904	68111	Chromium	1	85.5	85.5
34917	68111	Chromium	1	14.3	14.3
34923	68111	Chromium	1	16.3	16.3
34936	68111	Chromium	1	16.6	16.6
34948	68111	Chromium	1	14.9	14.9
34953	68111	Chromium	1	15.9	15.9
34985	68111	Chromium	1	13.9	13.9
34993	68111	Chromium	1	14.4	14.4
34999	68111	Chromium	1	14.9	14.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35003	68111	Chromium	1	19.3	19.3
35014	68111	Chromium	1	12.1	12.1
35042	68111	Chromium	1	12.1	12.1
35043	68111	Chromium	1	14	14
35059	68111	Chromium	1	11.5	11.5
35072	68111	Chromium	1	13.4	13.4
35095	68111	Chromium	1	14.3	14.3
35137	68111	Chromium	1	10.8	10.8
35152	68111	Chromium	1	13.4	13.4
35223	68111	Chromium	1	23.6	23.6
35233	68111	Chromium	1	15.3	15.3
35242	68111	Chromium	1	28.9	28.9
35252	68111	Chromium	1	18.6	18.6
35273	68111	Chromium	1	18.7	18.7
35285	68111	Chromium	1	15.8	15.8
35287	68111	Chromium	1	15.4	15.4
35288	68111	Chromium	1	16.2	16.2
35290	68111	Chromium	1	18.2	18.2
35350	68111	Chromium	1	11.6	11.6
35404	68111	Chromium	1	15.4	15.4
35417	68111	Chromium	1	17.2	17.2
35458	68111	Chromium	1	18.2	18.2
35495	68111	Chromium	1	14.7	14.7
35503	68111	Chromium	1	12.5	12.5
35513	68111	Chromium	1	36.1	36.1
35517	68111	Chromium	1	39.9	39.9
35536	68111	Chromium	1	17.6	17.6
35575	68111	Chromium	1	16.2	16.2
35614	68111	Chromium	1	15.8	15.8
35619	68111	Chromium	1	16.7	16.7
35786	68111	Chromium	1	14.7	14.7
35821	68111	Chromium	1	10.4	10.4
35822	68111	Chromium	1	16.6	16.6
35826	68111	Chromium	1	15.9	15.9
35830	68111	Chromium	1	12.5	12.5
35877	68111	Chromium	1	18.4	18.4
35921	68111	Chromium	1	17.5	17.5
35935	68111	Chromium	1	13.1	13.1
35943	68111	Chromium	1	39.1	39.1
35947	68111	Chromium	1	11.9	11.9
35964	68111	Chromium	1	26.9	26.9
35969	68111	Chromium	1	12.2	12.2
36000	68111	Chromium	1	13.6	13.6
36007	68111	Chromium	1	11.9	11.9
36015	68111	Chromium	1	13.9	13.9
36024	68111	Chromium	1	20.7	20.7
36040	68111	Chromium	1	21.7	21.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36046	68111	Chromium	1	14	14
36072	68111	Chromium	1	11.8	11.8
36093	68111	Chromium	1	15.3	15.3
36116	68111	Chromium	1	21.5	21.5
36138	68111	Chromium	1	11	11
36167	68111	Chromium	1	15	15
36194	68111	Chromium	1	17.9	17.9
36212	68111	Chromium	1	17.1	17.1
36238	68111	Chromium	1	15.9	15.9
36246	68111	Chromium	1	12.9	12.9
36251	68111	Chromium	1	21.8	21.8
36257	68111	Chromium	1	14.4	14.4
36259	68111	Chromium	1	18.5	18.5
36269	68111	Chromium	1	20.4	20.4
36325	68111	Chromium	1	9.84	9.84
36356	68111	Chromium	1	14.8	14.8
36408	68111	Chromium	1	18.3	18.3
36410	68111	Chromium	1	14.4	14.4
36427	68111	Chromium	1	8.2	8.2
36464	68111	Chromium	1	16.4	16.4
36467	68111	Chromium	1	18.5	18.5
36507	68111	Chromium	1	16.7	16.7
36557	68111	Chromium	1	31.7	31.7
36574	68111	Chromium	1	16.8	16.8
36656	68111	Chromium	1	12.5	12.5
36679	68111	Chromium	1	14.4	14.4
36701	68111	Chromium	1	12.4	12.4
36706	68111	Chromium	1	20.9	20.9
36936	68111	Chromium	1	16	16
37023	68111	Chromium	1	14.4	14.4
37025	68111	Chromium	1	12.9	12.9
37031	68111	Chromium	1	16.7	16.7
37036	68111	Chromium	1	16.1	16.1
37049	68111	Chromium	1	18.2	18.2
37087	68111	Chromium	1	15.5	15.5
37097	68111	Chromium	1	28.3	28.3
37156	68111	Chromium	1	20.9	20.9
37189	68111	Chromium	1	12.9	12.9
37193	68111	Chromium	1	19.7	19.7
37210	68111	Chromium	1	13	13
37219	68111	Chromium	1	14.3	14.3
37223	68111	Chromium	1	17.5	17.5
37226	68111	Chromium	1	14.6	14.6
37276	68111	Chromium	1	14.9	14.9
37361	68111	Chromium	1	6.56	6.56
37402	68111	Chromium	1	14.9	14.9
37465	68111	Chromium	1	11.2	11.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
37470	68111	Chromium	1	18.8	18.8
37684	68111	Chromium	1	15.6	15.6
37738	68111	Chromium	1	18	18
37756	68111	Chromium	1	15.5	15.5
37907	68111	Chromium	2	20	21.8
37934	68111	Chromium	1	25.8	25.8
38007	68111	Chromium	1	19.7	19.7
38054	68111	Chromium	1	11.5	11.5
38066	68111	Chromium	1	17.7	17.7
38087	68111	Chromium	1	13.2	13.2
38202	68111	Chromium	1	14.2	14.2
38210	68111	Chromium	1	14.3	14.3
38253	68111	Chromium	1	10.6	10.6
38261	68111	Chromium	1	12.2	12.2
38269	68111	Chromium	1	14.3	14.3
38300	68111	Chromium	1	28.3	28.3
38363	68111	Chromium	1	13	13
38383	68111	Chromium	1	34.4	34.4
38407	68111	Chromium	1	15.2	15.2
38439	68111	Chromium	1	12.4	12.4
38446	68111	Chromium	1	13.5	13.5
38449	68111	Chromium	1	12.1	12.1
38527	68111	Chromium	1	14.2	14.2
38585	68111	Chromium	1	17.8	17.8
38587	68111	Chromium	1	46.2	46.2
38721	68111	Chromium	1	19.5	19.5
38724	68111	Chromium	1	11.2	11.2
38759	68111	Chromium	1	16.1	16.1
38780	68111	Chromium	1	14.9	14.9
38864	68111	Chromium	1	16.9	16.9
49203	68111	Chromium	1	15.8	15.8
49313	68111	Chromium	1	12.8	12.8
49314	68111	Chromium	1	14.2	14.2
49319	68111	Chromium	1	18.6	18.6
49341	68111	Chromium	1	8.82	8.82
49345	68111	Chromium	1	11	11
49354	68111	Chromium	1	10.8	10.8
50024	68111	Chromium	1	16.5	16.5
50049	68111	Chromium	1	15.4	15.4
50080	68111	Chromium	1	17.1	17.1
50105	68111	Chromium	1	16.4	16.4
50107	68111	Chromium	1	10.7	10.7
50120	68111	Chromium	1	11	11
50146	68111	Chromium	1	10.5	10.5
50356	68111	Chromium	1	9.46	9.46
50404	68111	Chromium	1	11.2	11.2
50410	68111	Chromium	1	10.7	10.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50417	68111	Chromium	1	13	13
50424	68111	Chromium	1	13.9	13.9
50434	68111	Chromium	1	14	14
50447	68111	Chromium	1	15.7	15.7
63239	68111	Chromium	1	13.6	13.6
63751	68111	Chromium	1	11.3	11.3
68070	68111	Chromium	1	7.79	7.79
68686	68111	Chromium	1	13	13
73862	68111	Chromium	1	12.7	12.7
74664	68111	Chromium	1	15	15
75011	68111	Chromium	1	18.5	18.5
77146	68111	Chromium	1	13.4	13.4
79703	68111	Chromium	1	14.6	14.6
79704	68111	Chromium	1	15.5	15.5
87761	68111	Chromium	1	10.6	10.6
89893	68111	Chromium	1	12.6	12.6
90107	68111	Chromium	1	15.3	15.3
91234	68111	Chromium	1	14	14
91335	68111	Chromium	1	13.6	13.6
91926	68111	Chromium	1	12.1	12.1
2269	68112	Chromium	1	21.3	21.3
39755	68112	Chromium	1	21.6	21.6
39951	68112	Chromium	1	19.4	19.4
40194	68112	Chromium	1	14	14
40523	68112	Chromium	1	52.9	52.9
40879	68112	Chromium	1	28.2	28.2
2097	68131	Chromium	1	16.7	16.7
2156	68131	Chromium	1	14.6	14.6
2165	68131	Chromium	1	21.3	21.3
5037	68131	Chromium	1	14.3	14.3
5150	68131	Chromium	1	18.9	18.9
5153	68131	Chromium	1	18.1	18.1
5186	68131	Chromium	1	14	14
5188	68131	Chromium	1	17.3	17.3
5195	68131	Chromium	1	14.6	14.6
5197	68131	Chromium	1	13.4	13.4
5260	68131	Chromium	1	15.4	15.4
5272	68131	Chromium	1	17.1	17.1
5278	68131	Chromium	1	15.2	15.2
5298	68131	Chromium	1	27.6	27.6
5377	68131	Chromium	1	14	14
5379	68131	Chromium	1	13.9	13.9
5380	68131	Chromium	1	15.3	15.3
22856	68131	Chromium	1	25.6	25.6
23003	68131	Chromium	1	28.7	28.7
23016	68131	Chromium	1	14.1	14.1
23028	68131	Chromium	1	3.86	3.86

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23072	68131	Chromium	1	13.2	13.2
23093	68131	Chromium	1	9.1	9.1
23144	68131	Chromium	1	57.8	57.8
23145	68131	Chromium	1	21.3	21.3
23150	68131	Chromium	1	11.7	11.7
23153	68131	Chromium	1	15.8	15.8
23211	68131	Chromium	1	40.3	40.3
23237	68131	Chromium	1	20.5	20.5
23274	68131	Chromium	1	40.5	40.5
23280	68131	Chromium	1	15.2	15.2
23301	68131	Chromium	1	8.58	8.58
23338	68131	Chromium	1	15.3	15.3
23344	68131	Chromium	1	18.6	18.6
23379	68131	Chromium	1	16.5	16.5
23399	68131	Chromium	1	15.2	15.2
23425	68131	Chromium	1	16.5	16.5
23433	68131	Chromium	1	15.1	15.1
23442	68131	Chromium	1	14.9	14.9
23460	68131	Chromium	1	15.7	15.7
23502	68131	Chromium	1	9.8	9.8
23512	68131	Chromium	1	27.1	27.1
23532	68131	Chromium	1	13.5	13.5
23537	68131	Chromium	1	31.5	31.5
23539	68131	Chromium	1	21.1	21.1
23577	68131	Chromium	1	13.1	13.1
23580	68131	Chromium	1	29	29
23584	68131	Chromium	1	19.9	19.9
23586	68131	Chromium	1	18.3	18.3
23611	68131	Chromium	1	14.3	14.3
23634	68131	Chromium	1	10.8	10.8
23673	68131	Chromium	1	11.7	11.7
23675	68131	Chromium	1	11.6	11.6
23700	68131	Chromium	1	17.1	17.1
23742	68131	Chromium	1	16.3	16.3
23786	68131	Chromium	1	19.8	19.8
23788	68131	Chromium	1	17.5	17.5
23790	68131	Chromium	1	16	16
23817	68131	Chromium	1	20.4	20.4
23822	68131	Chromium	1	13.6	13.6
23824	68131	Chromium	1	16.3	16.3
23845	68131	Chromium	1	14.1	14.1
23872	68131	Chromium	1	16.8	16.8
23895	68131	Chromium	1	12.1	12.1
23899	68131	Chromium	1	9.66	9.66
23922	68131	Chromium	1	22.7	22.7
23930	68131	Chromium	1	15.4	15.4
23961	68131	Chromium	1	17.2	17.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23967	68131	Chromium	1	24.6	24.6
23968	68131	Chromium	1	21.5	21.5
23985	68131	Chromium	1	1	1
23986	68131	Chromium	1	9.74	9.74
24000	68131	Chromium	1	12.6	12.6
24010	68131	Chromium	1	25.5	25.5
24019	68131	Chromium	1	14.5	14.5
24027	68131	Chromium	1	32	32
24098	68131	Chromium	1	22.2	22.2
24109	68131	Chromium	1	13	13
24119	68131	Chromium	1	21.3	21.3
24126	68131	Chromium	1	13.3	13.3
24132	68131	Chromium	1	23.1	23.1
24141	68131	Chromium	1	25.7	25.7
24156	68131	Chromium	1	30.5	30.5
24162	68131	Chromium	1	15.5	15.5
24182	68131	Chromium	1	13.6	13.6
24190	68131	Chromium	1	20	20
24214	68131	Chromium	1	23.8	23.8
24240	68131	Chromium	1	14	14
24272	68131	Chromium	1	12.7	12.7
24274	68131	Chromium	1	34.2	34.2
24277	68131	Chromium	1	206	206
24334	68131	Chromium	1	12.3	12.3
24348	68131	Chromium	1	11.8	11.8
24357	68131	Chromium	1	29.3	29.3
24358	68131	Chromium	1	18.7	18.7
24367	68131	Chromium	1	17.4	17.4
24370	68131	Chromium	1	19.2	19.2
24374	68131	Chromium	1	16.2	16.2
24376	68131	Chromium	1	6.7	6.7
24390	68131	Chromium	1	13.4	13.4
24396	68131	Chromium	1	14.9	14.9
24411	68131	Chromium	1	13.5	13.5
24451	68131	Chromium	1	12.2	12.2
24457	68131	Chromium	1	16	16
24577	68131	Chromium	1	47.7	47.7
24601	68131	Chromium	1	13.7	13.7
24605	68131	Chromium	1	18	18
24635	68131	Chromium	1	21.6	21.6
24640	68131	Chromium	1	14.8	14.8
24655	68131	Chromium	1	13.8	13.8
24674	68131	Chromium	1	19.7	19.7
24692	68131	Chromium	1	3.7	3.7
24693	68131	Chromium	1	37.3	37.3
24703	68131	Chromium	1	10.9	10.9
24740	68131	Chromium	1	11.1	11.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24751	68131	Chromium	1	13.1	13.1
24757	68131	Chromium	1	20.3	20.3
24768	68131	Chromium	1	9.1	9.1
24776	68131	Chromium	1	16.5	16.5
24794	68131	Chromium	1	13.8	13.8
24800	68131	Chromium	1	12.1	12.1
24808	68131	Chromium	1	11.1	11.1
24887	68131	Chromium	1	15.6	15.6
24896	68131	Chromium	1	10.6	10.6
24931	68131	Chromium	1	11.9	11.9
24958	68131	Chromium	1	14.4	14.4
24962	68131	Chromium	1	23.2	23.2
24964	68131	Chromium	1	18.7	18.7
25005	68131	Chromium	1	14.8	14.8
25009	68131	Chromium	1	13.7	13.7
25061	68131	Chromium	1	15.5	15.5
25063	68131	Chromium	1	16.1	16.1
25078	68131	Chromium	1	15.9	15.9
25096	68131	Chromium	1	14.5	14.5
25130	68131	Chromium	1	18.2	18.2
25133	68131	Chromium	1	26.2	26.2
25137	68131	Chromium	1	17.6	17.6
25167	68131	Chromium	1	13.7	13.7
25185	68131	Chromium	1	13.4	13.4
25189	68131	Chromium	1	53	53
25193	68131	Chromium	1	35.1	35.1
25202	68131	Chromium	1	7.95	7.95
25204	68131	Chromium	1	16.5	16.5
25231	68131	Chromium	1	15.2	15.2
25242	68131	Chromium	1	14.4	14.4
25281	68131	Chromium	1	34.1	34.1
25285	68131	Chromium	1	11.4	11.4
25296	68131	Chromium	1	15.3	15.3
25315	68131	Chromium	1	16.1	16.1
25324	68131	Chromium	1	14.6	14.6
25329	68131	Chromium	1	16.1	16.1
25331	68131	Chromium	1	18.2	18.2
25335	68131	Chromium	1	15.7	15.7
25337	68131	Chromium	1	12.5	12.5
25385	68131	Chromium	1	16.8	16.8
25391	68131	Chromium	1	13.6	13.6
25410	68131	Chromium	1	15.5	15.5
25425	68131	Chromium	1	40.7	40.7
25456	68131	Chromium	1	10.1	10.1
25547	68131	Chromium	1	9.58	9.58
25554	68131	Chromium	1	14.3	14.3
25558	68131	Chromium	1	2.64	2.64

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25579	68131	Chromium	1	13.6	13.6
25604	68131	Chromium	1	13.9	13.9
25607	68131	Chromium	1	14	14
25634	68131	Chromium	1	12.9	12.9
25657	68131	Chromium	1	18.8	18.8
50446	68131	Chromium	1	13.2	13.2
89514	68131	Chromium	1	11.7	11.7
93114	68131	Chromium	1	29.1	29.1
93413	68131	Chromium	1	13.7	13.7
93419	68131	Chromium	1	24.3	24.3
5139	68132	Chromium	1	26.2	26.2
5140	68132	Chromium	1	18	18
5313	68132	Chromium	1	58.7	58.7
5317	68132	Chromium	1	10.6	10.6
49490	68132	Chromium	1	11.9	11.9
49500	68132	Chromium	1	42.7	42.7
49505	68132	Chromium	1	50.4	50.4
49521	68132	Chromium	1	20.2	20.2
49544	68132	Chromium	1	17.3	17.3
49558	68132	Chromium	1	14.8	14.8
49578	68132	Chromium	1	43	43
49618	68132	Chromium	1	20.9	20.9
49625	68132	Chromium	1	17.1	17.1
49627	68132	Chromium	1	20.8	20.8
49628	68132	Chromium	1	12.7	12.7
49642	68132	Chromium	1	59.1	59.1
49663	68132	Chromium	1	25.3	25.3
49671	68132	Chromium	1	14	14
49672	68132	Chromium	1	11.4	11.4
49676	68132	Chromium	1	15.9	15.9
49678	68132	Chromium	1	16	16
49682	68132	Chromium	1	12.5	12.5
49697	68132	Chromium	1	15	15
49701	68132	Chromium	1	16	16
49704	68132	Chromium	1	13	13
49716	68132	Chromium	1	15.1	15.1
49717	68132	Chromium	1	209	209
49724	68132	Chromium	1	17.8	17.8
49725	68132	Chromium	1	13.5	13.5
49726	68132	Chromium	1	15.4	15.4
49727	68132	Chromium	1	14.8	14.8
49736	68132	Chromium	1	13.9	13.9
49739	68132	Chromium	1	10.3	10.3
49759	68132	Chromium	1	17.6	17.6
49760	68132	Chromium	1	15.8	15.8
49774	68132	Chromium	1	18.9	18.9
49781	68132	Chromium	1	16.2	16.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49783	68132	Chromium	1	19.6	19.6
49793	68132	Chromium	1	16.9	16.9
49800	68132	Chromium	1	10.7	10.7
49806	68132	Chromium	1	12.3	12.3
49812	68132	Chromium	1	12.6	12.6
49819	68132	Chromium	1	22.7	22.7
49833	68132	Chromium	1	13.1	13.1
49846	68132	Chromium	1	12.6	12.6
49852	68132	Chromium	1	20.2	20.2
49853	68132	Chromium	1	29.9	29.9
49855	68132	Chromium	1	23.4	23.4
49863	68132	Chromium	1	19.9	19.9
49884	68132	Chromium	1	57.6	57.6
49892	68132	Chromium	1	12	12
49902	68132	Chromium	1	7.13	7.13
49907	68132	Chromium	1	12.8	12.8
49911	68132	Chromium	1	15	15
49913	68132	Chromium	1	19.8	19.8
49918	68132	Chromium	1	13.5	13.5
49922	68132	Chromium	1	5.6	5.6
49929	68132	Chromium	1	7.7	7.7
49931	68132	Chromium	1	14.3	14.3
49936	68132	Chromium	1	18.7	18.7
49941	68132	Chromium	1	11.6	11.6
49943	68132	Chromium	1	14.7	14.7
49953	68132	Chromium	1	13.2	13.2
49956	68132	Chromium	1	5.5	5.5
49958	68132	Chromium	1	13.4	13.4
49961	68132	Chromium	1	10.8	10.8
49971	68132	Chromium	1	13.1	13.1
49974	68132	Chromium	1	15.7	15.7
49986	68132	Chromium	1	37.4	37.4
49994	68132	Chromium	1	12	12
49995	68132	Chromium	1	14.8	14.8
50479	68132	Chromium	1	11.5	11.5
50484	68132	Chromium	1	13.7	13.7
50485	68132	Chromium	1	17.5	17.5
50536	68132	Chromium	1	43.7	43.7
51190	68132	Chromium	1	51.8	51.8
51214	68132	Chromium	1	46.5	46.5
51217	68132	Chromium	1	21.5	21.5
51225	68132	Chromium	1	55.6	55.6
51228	68132	Chromium	1	15.6	15.6
51234	68132	Chromium	1	30.5	30.5
51256	68132	Chromium	1	15.3	15.3
51263	68132	Chromium	1	24.9	24.9
51270	68132	Chromium	1	25.2	25.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51278	68132	Chromium	1	13.6	13.6
51280	68132	Chromium	1	5.45	5.45
51327	68132	Chromium	1	16.1	16.1
51349	68132	Chromium	1	1.14	1.14
51361	68132	Chromium	1	26.2	26.2
51369	68132	Chromium	1	36.8	36.8
51381	68132	Chromium	1	92.9	92.9
51391	68132	Chromium	1	16	16
51392	68132	Chromium	1	30.1	30.1
51394	68132	Chromium	1	32.2	32.2
51401	68132	Chromium	1	9.9	9.9
51412	68132	Chromium	1	37.4	37.4
51437	68132	Chromium	1	176	176
51440	68132	Chromium	1	17.3	17.3
51457	68132	Chromium	1	32.1	32.1
51483	68132	Chromium	1	17.8	17.8
51492	68132	Chromium	1	43.6	43.6
51504	68132	Chromium	1	16.7	16.7
51512	68132	Chromium	1	50.8	50.8
51519	68132	Chromium	1	19.1	19.1
51525	68132	Chromium	1	44.6	44.6
51544	68132	Chromium	1	15.3	15.3
51546	68132	Chromium	1	17.6	17.6
51551	68132	Chromium	1	16	16
51569	68132	Chromium	1	26.1	26.1
51587	68132	Chromium	1	17.1	17.1
51588	68132	Chromium	1	18	18
51598	68132	Chromium	1	124	124
51600	68132	Chromium	1	233	233
51607	68132	Chromium	1	13.3	13.3
51630	68132	Chromium	1	13.6	13.6
51640	68132	Chromium	1	6.25	6.25
51645	68132	Chromium	1	19.4	19.4
51646	68132	Chromium	1	21.4	21.4
51659	68132	Chromium	1	16.9	16.9
51667	68132	Chromium	1	14.9	14.9
51671	68132	Chromium	1	10.4	10.4
51676	68132	Chromium	1	16.9	16.9
51705	68132	Chromium	1	19.6	19.6
51706	68132	Chromium	1	23.1	23.1
51708	68132	Chromium	1	15.7	15.7
51710	68132	Chromium	1	19.1	19.1
51712	68132	Chromium	1	23.3	23.3
51735	68132	Chromium	1	30.8	30.8
51750	68132	Chromium	1	16.2	16.2
51752	68132	Chromium	1	15.6	15.6
51767	68132	Chromium	1	14.4	14.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51769	68132	Chromium	1	15.3	15.3
51779	68132	Chromium	1	18.5	18.5
51780	68132	Chromium	1	32.6	32.6
51785	68132	Chromium	1	42	42
51790	68132	Chromium	1	18.1	18.1
51800	68132	Chromium	1	19.7	19.7
51803	68132	Chromium	1	23.3	23.3
51805	68132	Chromium	1	19.4	19.4
51807	68132	Chromium	1	13.8	13.8
51808	68132	Chromium	1	12	12
51820	68132	Chromium	1	19.5	19.5
51829	68132	Chromium	1	16.1	16.1
51840	68132	Chromium	1	11.9	11.9
51844	68132	Chromium	1	17.2	17.2
51846	68132	Chromium	1	32.5	32.5
51847	68132	Chromium	1	22.9	22.9
51854	68132	Chromium	1	40	40
51855	68132	Chromium	1	16.7	16.7
51857	68132	Chromium	1	29.6	29.6
51861	68132	Chromium	1	23.9	23.9
51863	68132	Chromium	1	14.4	14.4
51866	68132	Chromium	1	13.3	13.3
51872	68132	Chromium	1	20	20
51897	68132	Chromium	1	18.7	18.7
51918	68132	Chromium	1	13.7	13.7
51921	68132	Chromium	1	16.1	16.1
51938	68132	Chromium	1	12.7	12.7
51946	68132	Chromium	1	8.5	8.5
51949	68132	Chromium	1	17.8	17.8
51959	68132	Chromium	1	400	400
51960	68132	Chromium	1	52.4	52.4
51972	68132	Chromium	1	16.8	16.8
51990	68132	Chromium	1	11.8	11.8
51997	68132	Chromium	1	17.8	17.8
52023	68132	Chromium	1	24.2	24.2
52035	68132	Chromium	1	38.8	38.8
52046	68132	Chromium	1	20.6	20.6
52054	68132	Chromium	1	15	15
52059	68132	Chromium	1	15	15
52075	68132	Chromium	1	15.3	15.3
52078	68132	Chromium	1	14	14
52080	68132	Chromium	1	20.2	20.2
52085	68132	Chromium	1	17	17
52090	68132	Chromium	1	59.4	59.4
52091	68132	Chromium	1	15.6	15.6
52097	68132	Chromium	1	25.3	25.3
52101	68132	Chromium	1	17.6	17.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52106	68132	Chromium	1	26	26
52112	68132	Chromium	1	15.1	15.1
52119	68132	Chromium	1	13.2	13.2
52122	68132	Chromium	1	17.2	17.2
52128	68132	Chromium	1	9.4	9.4
52129	68132	Chromium	1	19	19
52137	68132	Chromium	1	24.2	24.2
52140	68132	Chromium	1	15.9	15.9
52141	68132	Chromium	1	18	18
52150	68132	Chromium	1	22.9	22.9
52155	68132	Chromium	2	20.2	23.9
52158	68132	Chromium	1	87	87
52166	68132	Chromium	1	13.2	13.2
52167	68132	Chromium	1	18.9	18.9
52177	68132	Chromium	1	34.1	34.1
52178	68132	Chromium	1	31.6	31.6
52181	68132	Chromium	1	14.1	14.1
52186	68132	Chromium	1	16.6	16.6
52187	68132	Chromium	1	20	20
52190	68132	Chromium	1	16.9	16.9
52192	68132	Chromium	1	10.4	10.4
52198	68132	Chromium	1	19.6	19.6
52202	68132	Chromium	1	74	74
52206	68132	Chromium	1	17.8	17.8
52214	68132	Chromium	1	24.5	24.5
52226	68132	Chromium	1	31.1	31.1
52228	68132	Chromium	1	116	116
52243	68132	Chromium	1	20.7	20.7
52244	68132	Chromium	1	22.8	22.8
52246	68132	Chromium	1	17.1	17.1
52327	68132	Chromium	1	16.5	16.5
52336	68132	Chromium	1	13.2	13.2
52356	68132	Chromium	1	18	18
52357	68132	Chromium	1	13.1	13.1
52367	68132	Chromium	1	15	15
52378	68132	Chromium	1	15	15
52386	68132	Chromium	1	30.9	30.9
52387	68132	Chromium	1	15.5	15.5
52411	68132	Chromium	1	20.5	20.5
63007	68132	Chromium	1	17	17
66781	68132	Chromium	1	13.7	13.7
66791	68132	Chromium	1	12	12
92431	68132	Chromium	1	12.4	12.4
2133	68104	Cobalt	1	6.08	6.08
5026	68104	Cobalt	1	7.94	7.94
5143	68104	Cobalt	1	7.07	7.07
5144	68104	Cobalt	1	7.95	7.95

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5145	68104	Cobalt	1	6.45	6.45
5147	68104	Cobalt	1	5.02	5.02
2229	68105	Cobalt	1	8.69	8.69
2299	68105	Cobalt	1	8.71	8.71
2300	68105	Cobalt	1	9.19	9.19
2308	68105	Cobalt	1	8.09	8.09
3076	68105	Cobalt	1	8.89	8.89
3118	68105	Cobalt	1	10	10
5054	68105	Cobalt	1	4.9	4.9
5057	68105	Cobalt	1	7.75	7.75
5105	68105	Cobalt	1	7.52	7.52
5109	68105	Cobalt	1	5.37	5.37
5110	68105	Cobalt	1	9	9
5112	68105	Cobalt	1	7.75	7.75
5117	68105	Cobalt	1	7.8	7.8
5123	68105	Cobalt	1	8.03	8.03
5128	68105	Cobalt	1	7.72	7.72
5129	68105	Cobalt	1	7.15	7.15
5132	68105	Cobalt	1	9.04	9.04
5134	68105	Cobalt	1	10.7	10.7
5338	68105	Cobalt	1	7.47	7.47
5347	68105	Cobalt	1	9.76	9.76
5351	68105	Cobalt	1	0.347	0.347
5352	68105	Cobalt	1	8.53	8.53
5355	68105	Cobalt	1	7.26	7.26
5356	68105	Cobalt	1	9.75	9.75
5357	68105	Cobalt	1	9.65	9.65
5359	68105	Cobalt	1	9	9
5361	68105	Cobalt	1	5.75	5.75
5363	68105	Cobalt	1	9.26	9.26
5364	68105	Cobalt	1	10.2	10.2
5365	68105	Cobalt	1	9.6	9.6
5367	68105	Cobalt	1	8.11	8.11
5486	68105	Cobalt	1	7.02	7.02
5488	68105	Cobalt	1	6.67	6.67
5489	68105	Cobalt	1	7.92	7.92
5495	68105	Cobalt	1	7.84	7.84
5509	68105	Cobalt	1	9.99	9.99
5610	68105	Cobalt	1	8.99	8.99
2030	68107	Cobalt	1	8.96	8.96
2038	68107	Cobalt	1	8.39	8.39
2104	68107	Cobalt	1	4.6	4.6
2124	68107	Cobalt	1	9.39	9.39
2167	68107	Cobalt	1	7.79	7.79
2206	68107	Cobalt	1	7.5	7.5
2252	68107	Cobalt	1	8.65	8.65
2273	68107	Cobalt	1	7.93	7.93

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2292	68107	Cobalt	1	8.56	8.56
3003	68107	Cobalt	1	9.13	9.13
3021	68107	Cobalt	1	9.8	9.8
3074	68107	Cobalt	1	7.55	7.55
3121	68107	Cobalt	1	10.3	10.3
5066	68107	Cobalt	1	7.45	7.45
5076	68107	Cobalt	1	8.09	8.09
5130	68107	Cobalt	1	9.68	9.68
5157	68107	Cobalt	1	8.9	8.9
5159	68107	Cobalt	1	8.08	8.08
5161	68107	Cobalt	1	8.14	8.14
5163	68107	Cobalt	1	8.44	8.44
5165	68107	Cobalt	1	7.93	7.93
5166	68107	Cobalt	1	7.97	7.97
5172	68107	Cobalt	1	5.86	5.86
5176	68107	Cobalt	1	9.7	9.7
5178	68107	Cobalt	1	8.36	8.36
5180	68107	Cobalt	1	8.31	8.31
5182	68107	Cobalt	1	7.33	7.33
5183	68107	Cobalt	1	7.58	7.58
5185	68107	Cobalt	1	8.9	8.9
5211	68107	Cobalt	1	7.35	7.35
5212	68107	Cobalt	1	7.79	7.79
2170	68108	Cobalt	1	7.66	7.66
5225	68108	Cobalt	1	8.45	8.45
5227	68108	Cobalt	1	8.04	8.04
5229	68108	Cobalt	1	6.33	6.33
5284	68108	Cobalt	1	8.33	8.33
5300	68108	Cobalt	1	9.21	9.21
5304	68108	Cobalt	1	8.11	8.11
5306	68108	Cobalt	1	6.92	6.92
5332	68108	Cobalt	1	6.33	6.33
5387	68108	Cobalt	1	8.57	8.57
5390	68108	Cobalt	1	8.23	8.23
5394	68108	Cobalt	1	9.91	9.91
5395	68108	Cobalt	1	7.69	7.69
5398	68108	Cobalt	1	12.6	12.6
5403	68108	Cobalt	1	9.82	9.82
5407	68108	Cobalt	1	7.03	7.03
5408	68108	Cobalt	1	11	11
5409	68108	Cobalt	1	3.82	3.82
5416	68108	Cobalt	1	10.2	10.2
5418	68108	Cobalt	1	8.65	8.65
5422	68108	Cobalt	1	7.79	7.79
5425	68108	Cobalt	1	7.72	7.72
5426	68108	Cobalt	1	8.58	8.58
5427	68108	Cobalt	1	9.95	9.95

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5429	68108	Cobalt	1	9.45	9.45
5431	68108	Cobalt	1	7.31	7.31
5432	68108	Cobalt	1	8.37	8.37
5449	68108	Cobalt	1	8.46	8.46
5450	68108	Cobalt	1	10	10
5454	68108	Cobalt	1	6.89	6.89
5460	68108	Cobalt	1	8.8	8.8
5463	68108	Cobalt	1	9.73	9.73
5467	68108	Cobalt	1	8.34	8.34
5472	68108	Cobalt	1	8.74	8.74
5473	68108	Cobalt	1	9.94	9.94
5474	68108	Cobalt	1	9.77	9.77
5480	68108	Cobalt	1	8.21	8.21
5483	68108	Cobalt	1	7.92	7.92
5485	68108	Cobalt	1	8.87	8.87
5492	68108	Cobalt	1	8.09	8.09
5505	68108	Cobalt	1	7.72	7.72
5572	68108	Cobalt	1	7.88	7.88
5607	68108	Cobalt	1	9.65	9.65
5608	68108	Cobalt	1	10.2	10.2
5623	68108	Cobalt	1	10.8	10.8
5628	68108	Cobalt	1	10.4	10.4
5630	68108	Cobalt	1	8.15	8.15
5636	68108	Cobalt	1	9.09	9.09
5637	68108	Cobalt	1	8.46	8.46
5652	68108	Cobalt	1	7.27	7.27
2069	68110	Cobalt	1	7.95	7.95
2280	68110	Cobalt	1	6.98	6.98
2354	68110	Cobalt	1	8.18	8.18
3136	68110	Cobalt	1	7.78	7.78
5258	68110	Cobalt	1	8.64	8.64
5388	68110	Cobalt	1	9.1	9.1
5520	68110	Cobalt	1	10.4	10.4
5525	68110	Cobalt	1	9.38	9.38
5527	68110	Cobalt	1	8.42	8.42
5530	68110	Cobalt	1	8.68	8.68
5532	68110	Cobalt	1	7.42	7.42
5536	68110	Cobalt	1	7.65	7.65
5541	68110	Cobalt	1	8.11	8.11
5544	68110	Cobalt	1	8.51	8.51
5546	68110	Cobalt	1	8.29	8.29
5551	68110	Cobalt	1	7.89	7.89
5559	68110	Cobalt	1	8.56	8.56
5560	68110	Cobalt	1	8.6	8.6
5561	68110	Cobalt	1	8.76	8.76
5563	68110	Cobalt	1	8.47	8.47
5565	68110	Cobalt	1	8.85	8.85

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5566	68110	Cobalt	1	9.37	9.37
5612	68110	Cobalt	1	9.5	9.5
5614	68110	Cobalt	1	6.88	6.88
5641	68110	Cobalt	1	9.29	9.29
5651	68110	Cobalt	1	8.68	8.68
2035	68111	Cobalt	1	9.22	9.22
2075	68111	Cobalt	1	6.41	6.41
2103	68111	Cobalt	1	8.52	8.52
2109	68111	Cobalt	1	8.85	8.85
2121	68111	Cobalt	1	8.29	8.29
2126	68111	Cobalt	1	8.36	8.36
2154	68111	Cobalt	1	8.25	8.25
2179	68111	Cobalt	1	7.22	7.22
2216	68111	Cobalt	1	9	9
2225	68111	Cobalt	1	7.85	7.85
2231	68111	Cobalt	1	3.69	3.69
2262	68111	Cobalt	1	7.28	7.28
2365	68111	Cobalt	1	9.27	9.27
3046	68111	Cobalt	1	7.47	7.47
3051	68111	Cobalt	1	7.72	7.72
3058	68111	Cobalt	1	8.05	8.05
3091	68111	Cobalt	1	6.41	6.41
3133	68111	Cobalt	1	8.56	8.56
3151	68111	Cobalt	1	4.86	4.86
5013	68111	Cobalt	1	8.56	8.56
5085	68111	Cobalt	1	8.41	8.41
5170	68111	Cobalt	1	7.04	7.04
5171	68111	Cobalt	1	7.85	7.85
5204	68111	Cobalt	1	8.66	8.66
5206	68111	Cobalt	1	9.88	9.88
5208	68111	Cobalt	1	7.23	7.23
5215	68111	Cobalt	1	7.42	7.42
5221	68111	Cobalt	1	8.24	8.24
5230	68111	Cobalt	1	7.46	7.46
5232	68111	Cobalt	1	8.71	8.71
5234	68111	Cobalt	1	8.53	8.53
5236	68111	Cobalt	1	7.49	7.49
5238	68111	Cobalt	1	8.52	8.52
5240	68111	Cobalt	1	8.19	8.19
5242	68111	Cobalt	1	7.71	7.71
5246	68111	Cobalt	1	9.61	9.61
5288	68111	Cobalt	1	9.35	9.35
5296	68111	Cobalt	1	5.99	5.99
5330	68111	Cobalt	1	6.71	6.71
5333	68111	Cobalt	1	8.15	8.15
5513	68111	Cobalt	1	10.6	10.6
5514	68111	Cobalt	1	7.79	7.79

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5618	68111	Cobalt	1	7.76	7.76
2269	68112	Cobalt	1	12.7	12.7
2097	68131	Cobalt	1	7.09	7.09
2156	68131	Cobalt	1	6.26	6.26
5037	68131	Cobalt	1	8.35	8.35
5150	68131	Cobalt	1	8.79	8.79
5153	68131	Cobalt	1	8.92	8.92
5186	68131	Cobalt	1	9.14	9.14
5188	68131	Cobalt	1	8.41	8.41
5195	68131	Cobalt	1	7.01	7.01
5197	68131	Cobalt	1	8.38	8.38
5260	68131	Cobalt	1	7.04	7.04
5272	68131	Cobalt	1	7.64	7.64
5278	68131	Cobalt	1	9.1	9.1
5298	68131	Cobalt	1	9.4	9.4
5377	68131	Cobalt	1	8.06	8.06
5379	68131	Cobalt	1	8.18	8.18
5380	68131	Cobalt	1	10.3	10.3
5139	68132	Cobalt	1	8.43	8.43
5140	68132	Cobalt	1	7.23	7.23
5313	68132	Cobalt	1	6.78	6.78
5317	68132	Cobalt	1	5.94	5.94
2133	68104	Copper	1	42.9	42.9
5026	68104	Copper	1	30.5	30.5
5143	68104	Copper	1	19.4	19.4
5144	68104	Copper	1	27.3	27.3
5145	68104	Copper	1	13.7	13.7
5147	68104	Copper	1	12.9	12.9
2229	68105	Copper	1	25.2	25.2
2299	68105	Copper	1	29.9	29.9
2300	68105	Copper	1	22.3	22.3
2308	68105	Copper	1	32.8	32.8
3076	68105	Copper	1	20	20
3118	68105	Copper	1	20.7	20.7
5054	68105	Copper	1	20.7	20.7
5057	68105	Copper	1	20.8	20.8
5105	68105	Copper	1	25.8	25.8
5109	68105	Copper	1	22.4	22.4
5110	68105	Copper	1	30.2	30.2
5112	68105	Copper	1	31.4	31.4
5117	68105	Copper	1	29.9	29.9
5123	68105	Copper	1	27.7	27.7
5128	68105	Copper	1	19	19
5129	68105	Copper	1	27	27
5132	68105	Copper	1	22.4	22.4
5134	68105	Copper	1	26.8	26.8
5338	68105	Copper	1	27.7	27.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5347	68105	Copper	1	36.1	36.1
5351	68105	Copper	1	0.128	0.128
5352	68105	Copper	1	31.1	31.1
5355	68105	Copper	1	65.3	65.3
5356	68105	Copper	1	28.6	28.6
5357	68105	Copper	1	27.1	27.1
5359	68105	Copper	1	18.9	18.9
5361	68105	Copper	1	19.4	19.4
5363	68105	Copper	1	58.5	58.5
5364	68105	Copper	1	27.4	27.4
5365	68105	Copper	1	25.7	25.7
5367	68105	Copper	1	27.3	27.3
5486	68105	Copper	1	21.5	21.5
5488	68105	Copper	1	20.5	20.5
5489	68105	Copper	1	35.6	35.6
5495	68105	Copper	1	35.1	35.1
5509	68105	Copper	1	24.6	24.6
5610	68105	Copper	1	33.4	33.4
2030	68107	Copper	1	33.8	33.8
2038	68107	Copper	1	17.7	17.7
2104	68107	Copper	1	36.4	36.4
2124	68107	Copper	1	17.1	17.1
2167	68107	Copper	1	15.9	15.9
2206	68107	Copper	1	23.6	23.6
2252	68107	Copper	1	20.1	20.1
2273	68107	Copper	1	20.3	20.3
2292	68107	Copper	1	21.6	21.6
3003	68107	Copper	1	19.6	19.6
3021	68107	Copper	1	31.8	31.8
3074	68107	Copper	1	20.3	20.3
3121	68107	Copper	1	21.4	21.4
5066	68107	Copper	1	28.7	28.7
5076	68107	Copper	1	33.3	33.3
5130	68107	Copper	1	19.5	19.5
5157	68107	Copper	1	21.3	21.3
5159	68107	Copper	1	22.3	22.3
5161	68107	Copper	1	17.8	17.8
5163	68107	Copper	1	18.5	18.5
5165	68107	Copper	1	33.3	33.3
5166	68107	Copper	1	29	29
5172	68107	Copper	1	39	39
5176	68107	Copper	1	22.9	22.9
5178	68107	Copper	1	24.3	24.3
5180	68107	Copper	1	63.8	63.8
5182	68107	Copper	1	58	58
5183	68107	Copper	1	43.2	43.2
5185	68107	Copper	1	20.7	20.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5211	68107	Copper	1	11.7	11.7
5212	68107	Copper	1	17.4	17.4
2170	68108	Copper	1	31.9	31.9
5225	68108	Copper	1	23.4	23.4
5227	68108	Copper	1	50.5	50.5
5229	68108	Copper	1	13.6	13.6
5284	68108	Copper	1	38.6	38.6
5300	68108	Copper	1	36.9	36.9
5304	68108	Copper	1	21.6	21.6
5306	68108	Copper	1	28.2	28.2
5332	68108	Copper	1	25	25
5387	68108	Copper	1	30.9	30.9
5390	68108	Copper	1	29.2	29.2
5394	68108	Copper	1	143	143
5395	68108	Copper	1	37.9	37.9
5398	68108	Copper	1	41.2	41.2
5403	68108	Copper	1	27	27
5407	68108	Copper	1	37.1	37.1
5408	68108	Copper	1	32.2	32.2
5409	68108	Copper	1	6.15	6.15
5416	68108	Copper	1	37.2	37.2
5418	68108	Copper	1	32.4	32.4
5422	68108	Copper	1	31.6	31.6
5425	68108	Copper	1	37.4	37.4
5426	68108	Copper	1	19.6	19.6
5427	68108	Copper	1	21.2	21.2
5429	68108	Copper	1	19.8	19.8
5431	68108	Copper	1	38	38
5432	68108	Copper	1	43.5	43.5
5449	68108	Copper	1	42.8	42.8
5450	68108	Copper	1	25.3	25.3
5454	68108	Copper	1	49.3	49.3
5460	68108	Copper	1	20.6	20.6
5463	68108	Copper	1	28.4	28.4
5467	68108	Copper	1	30.2	30.2
5472	68108	Copper	1	20.8	20.8
5473	68108	Copper	1	25.6	25.6
5474	68108	Copper	1	24	24
5480	68108	Copper	1	50.5	50.5
5483	68108	Copper	1	35.9	35.9
5485	68108	Copper	1	27	27
5492	68108	Copper	1	42.6	42.6
5505	68108	Copper	1	29	29
5572	68108	Copper	1	37.7	37.7
5607	68108	Copper	1	22.2	22.2
5608	68108	Copper	1	32.9	32.9
5623	68108	Copper	1	33	33

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5628	68108	Copper	1	25.9	25.9
5630	68108	Copper	1	83.2	83.2
5636	68108	Copper	1	53.3	53.3
5637	68108	Copper	1	23.8	23.8
5652	68108	Copper	1	34.1	34.1
2069	68110	Copper	1	20.2	20.2
2280	68110	Copper	1	30	30
2354	68110	Copper	1	31.9	31.9
3136	68110	Copper	1	32.1	32.1
5258	68110	Copper	1	29.2	29.2
5388	68110	Copper	1	22.2	22.2
5520	68110	Copper	1	50.7	50.7
5525	68110	Copper	1	57.2	57.2
5527	68110	Copper	1	34.6	34.6
5530	68110	Copper	1	28.5	28.5
5532	68110	Copper	1	43.2	43.2
5536	68110	Copper	1	21.9	21.9
5541	68110	Copper	1	22.9	22.9
5544	68110	Copper	1	16.5	16.5
5546	68110	Copper	1	22.3	22.3
5551	68110	Copper	1	29.5	29.5
5559	68110	Copper	1	24.5	24.5
5560	68110	Copper	1	27.9	27.9
5561	68110	Copper	1	26.5	26.5
5563	68110	Copper	1	17.5	17.5
5565	68110	Copper	1	30.2	30.2
5566	68110	Copper	1	23.1	23.1
5612	68110	Copper	1	38.3	38.3
5614	68110	Copper	1	66.3	66.3
5641	68110	Copper	1	23	23
5651	68110	Copper	1	29	29
2035	68111	Copper	1	31.5	31.5
2075	68111	Copper	1	19.8	19.8
2103	68111	Copper	1	15.2	15.2
2109	68111	Copper	1	19.2	19.2
2121	68111	Copper	1	19.5	19.5
2126	68111	Copper	1	17.9	17.9
2154	68111	Copper	1	16.9	16.9
2179	68111	Copper	1	23	23
2216	68111	Copper	1	44.3	44.3
2225	68111	Copper	1	1310	1310
2231	68111	Copper	1	32.5	32.5
2262	68111	Copper	1	26.4	26.4
2365	68111	Copper	1	21.8	21.8
3046	68111	Copper	1	27	27
3051	68111	Copper	1	23	23
3058	68111	Copper	1	24.8	24.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
3091	68111	Copper	1	19.7	19.7
3133	68111	Copper	1	23.2	23.2
3151	68111	Copper	1	28.7	28.7
5013	68111	Copper	1	25.2	25.2
5085	68111	Copper	1	25	25
5170	68111	Copper	1	15.6	15.6
5171	68111	Copper	1	23.5	23.5
5204	68111	Copper	1	23	23
5206	68111	Copper	1	22.4	22.4
5208	68111	Copper	1	33.4	33.4
5215	68111	Copper	1	21.1	21.1
5221	68111	Copper	1	39.7	39.7
5230	68111	Copper	1	22.6	22.6
5232	68111	Copper	1	20.9	20.9
5234	68111	Copper	1	35.5	35.5
5236	68111	Copper	1	36.6	36.6
5238	68111	Copper	1	25.4	25.4
5240	68111	Copper	1	22.1	22.1
5242	68111	Copper	1	23.9	23.9
5246	68111	Copper	1	25	25
5288	68111	Copper	1	144	144
5296	68111	Copper	1	37.9	37.9
5330	68111	Copper	1	25.7	25.7
5333	68111	Copper	1	18.6	18.6
5513	68111	Copper	1	23.8	23.8
5514	68111	Copper	1	21.4	21.4
5618	68111	Copper	1	19.3	19.3
2269	68112	Copper	1	42.1	42.1
2097	68131	Copper	1	21.3	21.3
2156	68131	Copper	1	19.4	19.4
5037	68131	Copper	1	17.4	17.4
5150	68131	Copper	1	42.9	42.9
5153	68131	Copper	1	18.2	18.2
5186	68131	Copper	1	26.8	26.8
5188	68131	Copper	1	25.7	25.7
5195	68131	Copper	1	20.9	20.9
5197	68131	Copper	1	20.5	20.5
5260	68131	Copper	1	22.4	22.4
5272	68131	Copper	1	32.6	32.6
5278	68131	Copper	1	26.7	26.7
5298	68131	Copper	1	23.8	23.8
5377	68131	Copper	1	38.8	38.8
5379	68131	Copper	1	56.8	56.8
5380	68131	Copper	1	27.6	27.6
5139	68132	Copper	1	17.8	17.8
5140	68132	Copper	1	64.1	64.1
5313	68132	Copper	1	25.1	25.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5317	68132	Copper	1	13.1	13.1
2133	68104	Iron	1	12300	12300
5026	68104	Iron	1	15400	15400
5143	68104	Iron	1	13800	13800
5144	68104	Iron	1	14000	14000
5145	68104	Iron	1	11500	11500
5147	68104	Iron	1	8660	8660
2229	68105	Iron	1	16700	16700
2299	68105	Iron	1	15300	15300
2300	68105	Iron	1	14400	14400
2308	68105	Iron	1	14300	14300
3076	68105	Iron	1	15200	15200
3118	68105	Iron	1	16100	16100
5054	68105	Iron	1	12200	12200
5057	68105	Iron	1	15500	15500
5105	68105	Iron	1	15700	15700
5109	68105	Iron	1	13000	13000
5110	68105	Iron	1	22200	22200
5112	68105	Iron	1	20400	20400
5117	68105	Iron	1	17500	17500
5123	68105	Iron	1	17300	17300
5128	68105	Iron	1	15100	15100
5129	68105	Iron	1	15300	15300
5132	68105	Iron	1	18200	18200
5134	68105	Iron	1	18700	18700
5338	68105	Iron	1	15300	15300
5347	68105	Iron	1	17900	17900
5351	68105	Iron	1	6.7	6.7
5352	68105	Iron	1	17600	17600
5355	68105	Iron	1	17200	17200
5356	68105	Iron	1	17900	17900
5357	68105	Iron	1	15800	15800
5359	68105	Iron	1	14800	14800
5361	68105	Iron	1	12800	12800
5363	68105	Iron	1	14900	14900
5364	68105	Iron	1	16000	16000
5365	68105	Iron	1	17500	17500
5367	68105	Iron	1	13500	13500
5486	68105	Iron	1	13200	13200
5488	68105	Iron	1	14900	14900
5489	68105	Iron	1	16500	16500
5495	68105	Iron	1	14800	14800
5509	68105	Iron	1	15300	15300
5610	68105	Iron	1	17700	17700
2030	68107	Iron	1	19000	19000
2038	68107	Iron	1	15200	15200
2104	68107	Iron	1	10100	10100

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2124	68107	Iron	1	16500	16500
2167	68107	Iron	1	15600	15600
2206	68107	Iron	1	16200	16200
2252	68107	Iron	1	18300	18300
2273	68107	Iron	1	16900	16900
2292	68107	Iron	1	14400	14400
3003	68107	Iron	1	16800	16800
3021	68107	Iron	1	22300	22300
3074	68107	Iron	1	13800	13800
3121	68107	Iron	1	13500	13500
5066	68107	Iron	1	14500	14500
5076	68107	Iron	1	20400	20400
5130	68107	Iron	1	22100	22100
5157	68107	Iron	1	18900	18900
5159	68107	Iron	1	18200	18200
5161	68107	Iron	1	16800	16800
5163	68107	Iron	1	18600	18600
5165	68107	Iron	1	16400	16400
5166	68107	Iron	1	18600	18600
5172	68107	Iron	1	13900	13900
5176	68107	Iron	1	20700	20700
5178	68107	Iron	1	16500	16500
5180	68107	Iron	1	20400	20400
5182	68107	Iron	1	13900	13900
5183	68107	Iron	1	14900	14900
5185	68107	Iron	1	18200	18200
5211	68107	Iron	1	13400	13400
5212	68107	Iron	1	15300	15300
2170	68108	Iron	1	16000	16000
5225	68108	Iron	1	17900	17900
5227	68108	Iron	1	16200	16200
5229	68108	Iron	1	12900	12900
5284	68108	Iron	1	16200	16200
5300	68108	Iron	1	44100	44100
5304	68108	Iron	1	18400	18400
5306	68108	Iron	1	15300	15300
5332	68108	Iron	1	11700	11700
5387	68108	Iron	1	16300	16300
5390	68108	Iron	1	16700	16700
5394	68108	Iron	1	18800	18800
5395	68108	Iron	1	17800	17800
5398	68108	Iron	1	22400	22400
5403	68108	Iron	1	16200	16200
5407	68108	Iron	1	15200	15200
5408	68108	Iron	1	19500	19500
5409	68108	Iron	1	6760	6760
5416	68108	Iron	1	17500	17500

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5418	68108	Iron	1	16800	16800
5422	68108	Iron	1	16500	16500
5425	68108	Iron	1	16000	16000
5426	68108	Iron	1	15800	15800
5427	68108	Iron	1	17900	17900
5429	68108	Iron	1	16200	16200
5431	68108	Iron	1	19300	19300
5432	68108	Iron	1	17100	17100
5449	68108	Iron	1	17000	17000
5450	68108	Iron	1	17800	17800
5454	68108	Iron	1	11600	11600
5460	68108	Iron	1	14300	14300
5463	68108	Iron	1	16400	16400
5467	68108	Iron	1	23600	23600
5472	68108	Iron	1	17000	17000
5473	68108	Iron	1	20400	20400
5474	68108	Iron	1	18400	18400
5480	68108	Iron	1	17000	17000
5483	68108	Iron	1	16100	16100
5485	68108	Iron	1	14300	14300
5492	68108	Iron	1	17000	17000
5505	68108	Iron	1	17700	17700
5572	68108	Iron	1	15800	15800
5607	68108	Iron	1	17200	17200
5608	68108	Iron	1	19500	19500
5623	68108	Iron	1	23500	23500
5628	68108	Iron	1	18400	18400
5630	68108	Iron	1	17400	17400
5636	68108	Iron	1	22300	22300
5637	68108	Iron	1	14200	14200
5652	68108	Iron	1	14300	14300
2069	68110	Iron	1	17400	17400
2280	68110	Iron	1	13100	13100
2354	68110	Iron	1	14400	14400
3136	68110	Iron	1	15000	15000
5258	68110	Iron	1	17800	17800
5388	68110	Iron	1	18300	18300
5520	68110	Iron	1	20500	20500
5525	68110	Iron	1	19600	19600
5527	68110	Iron	1	17900	17900
5530	68110	Iron	1	18000	18000
5532	68110	Iron	1	17900	17900
5536	68110	Iron	1	17000	17000
5541	68110	Iron	1	17200	17200
5544	68110	Iron	1	15800	15800
5546	68110	Iron	1	16500	16500
5551	68110	Iron	1	17600	17600

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5559	68110	Iron	1	17200	17200
5560	68110	Iron	1	17000	17000
5561	68110	Iron	1	18300	18300
5563	68110	Iron	1	17100	17100
5565	68110	Iron	1	17000	17000
5566	68110	Iron	1	16200	16200
5612	68110	Iron	1	16800	16800
5614	68110	Iron	1	18600	18600
5641	68110	Iron	1	17000	17000
5651	68110	Iron	1	18500	18500
2035	68111	Iron	1	20700	20700
2075	68111	Iron	1	15200	15200
2103	68111	Iron	1	16700	16700
2109	68111	Iron	1	19700	19700
2121	68111	Iron	1	16700	16700
2126	68111	Iron	1	17800	17800
2154	68111	Iron	1	18400	18400
2179	68111	Iron	1	13700	13700
2216	68111	Iron	1	19600	19600
2225	68111	Iron	1	14700	14700
2231	68111	Iron	1	7530	7530
2262	68111	Iron	1	17200	17200
2365	68111	Iron	1	16100	16100
3046	68111	Iron	1	13700	13700
3051	68111	Iron	1	13800	13800
3058	68111	Iron	1	14100	14100
3091	68111	Iron	1	11700	11700
3133	68111	Iron	1	14100	14100
3151	68111	Iron	1	9260	9260
5013	68111	Iron	1	17300	17300
5085	68111	Iron	1	18500	18500
5170	68111	Iron	1	14400	14400
5171	68111	Iron	1	17000	17000
5204	68111	Iron	1	16900	16900
5206	68111	Iron	1	20100	20100
5208	68111	Iron	1	17200	17200
5215	68111	Iron	1	16300	16300
5221	68111	Iron	1	18500	18500
5230	68111	Iron	1	16800	16800
5232	68111	Iron	1	22000	22000
5234	68111	Iron	1	20400	20400
5236	68111	Iron	1	18500	18500
5238	68111	Iron	1	18300	18300
5240	68111	Iron	1	16300	16300
5242	68111	Iron	1	16700	16700
5246	68111	Iron	1	20800	20800
5288	68111	Iron	1	21500	21500

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5296	68111	Iron	1	15000	15000
5330	68111	Iron	1	15100	15100
5333	68111	Iron	1	13300	13300
5513	68111	Iron	1	18700	18700
5514	68111	Iron	1	16000	16000
5618	68111	Iron	1	16700	16700
2269	68112	Iron	1	38200	38200
2097	68131	Iron	1	13900	13900
2156	68131	Iron	1	13300	13300
5037	68131	Iron	1	13900	13900
5150	68131	Iron	1	18200	18200
5153	68131	Iron	1	16200	16200
5186	68131	Iron	1	17500	17500
5188	68131	Iron	1	17100	17100
5195	68131	Iron	1	13500	13500
5197	68131	Iron	1	16600	16600
5260	68131	Iron	1	13700	13700
5272	68131	Iron	1	15500	15500
5278	68131	Iron	1	16600	16600
5298	68131	Iron	1	20500	20500
5377	68131	Iron	1	14800	14800
5379	68131	Iron	1	14600	14600
5380	68131	Iron	1	17400	17400
5139	68132	Iron	1	16500	16500
5140	68132	Iron	1	14800	14800
5313	68132	Iron	1	15200	15200
5317	68132	Iron	1	9950	9950
2133	68104	Magnesium	1	2720	2720
5026	68104	Magnesium	1	2840	2840
5143	68104	Magnesium	1	2950	2950
5144	68104	Magnesium	1	2840	2840
5145	68104	Magnesium	1	2890	2890
5147	68104	Magnesium	1	2000	2000
2229	68105	Magnesium	1	2910	2910
2299	68105	Magnesium	1	3110	3110
2300	68105	Magnesium	1	3820	3820
2308	68105	Magnesium	1	2270	2270
3076	68105	Magnesium	1	4490	4490
3118	68105	Magnesium	1	3330	3330
5054	68105	Magnesium	1	2880	2880
5057	68105	Magnesium	1	4630	4630
5105	68105	Magnesium	1	2870	2870
5109	68105	Magnesium	1	2240	2240
5110	68105	Magnesium	1	3020	3020
5112	68105	Magnesium	1	2280	2280
5117	68105	Magnesium	1	4650	4650
5123	68105	Magnesium	1	2570	2570

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5128	68105	Magnesium	1	3560	3560
5129	68105	Magnesium	1	3970	3970
5132	68105	Magnesium	1	2950	2950
5134	68105	Magnesium	1	3590	3590
5338	68105	Magnesium	1	5490	5490
5347	68105	Magnesium	1	2880	2880
5351	68105	Magnesium	1	2.69	2.69
5352	68105	Magnesium	1	3360	3360
5355	68105	Magnesium	1	3050	3050
5356	68105	Magnesium	1	3170	3170
5357	68105	Magnesium	1	3020	3020
5359	68105	Magnesium	1	3100	3100
5361	68105	Magnesium	1	3160	3160
5363	68105	Magnesium	1	5420	5420
5364	68105	Magnesium	1	6280	6280
5365	68105	Magnesium	1	3610	3610
5367	68105	Magnesium	1	5620	5620
5486	68105	Magnesium	1	2990	2990
5488	68105	Magnesium	1	2740	2740
5489	68105	Magnesium	1	3220	3220
5495	68105	Magnesium	1	5060	5060
5509	68105	Magnesium	1	3770	3770
5610	68105	Magnesium	1	4610	4610
2030	68107	Magnesium	1	3150	3150
2038	68107	Magnesium	1	3660	3660
2104	68107	Magnesium	1	5570	5570
2124	68107	Magnesium	1	10600	10600
2167	68107	Magnesium	1	3930	3930
2206	68107	Magnesium	1	3770	3770
2252	68107	Magnesium	1	4150	4150
2273	68107	Magnesium	1	3480	3480
2292	68107	Magnesium	1	3100	3100
3003	68107	Magnesium	1	5270	5270
3021	68107	Magnesium	1	4170	4170
3074	68107	Magnesium	1	4250	4250
3121	68107	Magnesium	1	6030	6030
5066	68107	Magnesium	1	6340	6340
5076	68107	Magnesium	1	3150	3150
5130	68107	Magnesium	1	3190	3190
5157	68107	Magnesium	1	5520	5520
5159	68107	Magnesium	1	5000	5000
5161	68107	Magnesium	1	4380	4380
5163	68107	Magnesium	1	5680	5680
5165	68107	Magnesium	1	3530	3530
5166	68107	Magnesium	1	4280	4280
5172	68107	Magnesium	1	8440	8440
5176	68107	Magnesium	1	4020	4020

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5178	68107	Magnesium	1	2670	2670
5180	68107	Magnesium	1	2710	2710
5182	68107	Magnesium	1	4860	4860
5183	68107	Magnesium	1	2990	2990
5185	68107	Magnesium	1	3430	3430
5211	68107	Magnesium	1	2600	2600
5212	68107	Magnesium	1	3430	3430
2170	68108	Magnesium	1	2960	2960
5225	68108	Magnesium	1	3050	3050
5227	68108	Magnesium	1	5120	5120
5229	68108	Magnesium	1	4030	4030
5284	68108	Magnesium	1	3710	3710
5300	68108	Magnesium	1	5690	5690
5304	68108	Magnesium	1	3270	3270
5306	68108	Magnesium	1	2610	2610
5332	68108	Magnesium	1	1710	1710
5387	68108	Magnesium	1	3410	3410
5390	68108	Magnesium	1	2580	2580
5394	68108	Magnesium	1	5100	5100
5395	68108	Magnesium	1	2650	2650
5398	68108	Magnesium	1	5260	5260
5403	68108	Magnesium	1	7650	7650
5407	68108	Magnesium	1	5240	5240
5408	68108	Magnesium	1	5500	5500
5409	68108	Magnesium	1	1860	1860
5416	68108	Magnesium	1	4530	4530
5418	68108	Magnesium	1	4310	4310
5422	68108	Magnesium	1	5920	5920
5425	68108	Magnesium	1	3300	3300
5426	68108	Magnesium	1	7960	7960
5427	68108	Magnesium	1	3430	3430
5429	68108	Magnesium	1	7890	7890
5431	68108	Magnesium	1	2700	2700
5432	68108	Magnesium	1	5500	5500
5449	68108	Magnesium	1	5020	5020
5450	68108	Magnesium	1	5570	5570
5454	68108	Magnesium	1	5910	5910
5460	68108	Magnesium	1	4120	4120
5463	68108	Magnesium	1	8800	8800
5467	68108	Magnesium	1	3000	3000
5472	68108	Magnesium	1	4220	4220
5473	68108	Magnesium	1	9770	9770
5474	68108	Magnesium	1	6600	6600
5480	68108	Magnesium	1	3980	3980
5483	68108	Magnesium	1	5550	5550
5485	68108	Magnesium	1	6090	6090
5492	68108	Magnesium	1	4560	4560

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5505	68108	Magnesium	1	4050	4050
5572	68108	Magnesium	1	2970	2970
5607	68108	Magnesium	1	8540	8540
5608	68108	Magnesium	1	5700	5700
5623	68108	Magnesium	1	3750	3750
5628	68108	Magnesium	1	7710	7710
5630	68108	Magnesium	1	2480	2480
5636	68108	Magnesium	1	2420	2420
5637	68108	Magnesium	1	5450	5450
5652	68108	Magnesium	1	2210	2210
2069	68110	Magnesium	1	3650	3650
2280	68110	Magnesium	1	2330	2330
2354	68110	Magnesium	1	2580	2580
3136	68110	Magnesium	1	2700	2700
5258	68110	Magnesium	1	4390	4390
5388	68110	Magnesium	1	3130	3130
5520	68110	Magnesium	1	3040	3040
5525	68110	Magnesium	1	3760	3760
5527	68110	Magnesium	1	3390	3390
5530	68110	Magnesium	1	2860	2860
5532	68110	Magnesium	1	2970	2970
5536	68110	Magnesium	1	3050	3050
5541	68110	Magnesium	1	3080	3080
5544	68110	Magnesium	1	4240	4240
5546	68110	Magnesium	1	4140	4140
5551	68110	Magnesium	1	2940	2940
5559	68110	Magnesium	1	2870	2870
5560	68110	Magnesium	1	2730	2730
5561	68110	Magnesium	1	3190	3190
5563	68110	Magnesium	1	4820	4820
5565	68110	Magnesium	1	3310	3310
5566	68110	Magnesium	1	3920	3920
5612	68110	Magnesium	1	2650	2650
5614	68110	Magnesium	1	2490	2490
5641	68110	Magnesium	1	5100	5100
5651	68110	Magnesium	1	3240	3240
2035	68111	Magnesium	1	3480	3480
2075	68111	Magnesium	1	2770	2770
2103	68111	Magnesium	1	9640	9640
2109	68111	Magnesium	1	4300	4300
2121	68111	Magnesium	1	3290	3290
2126	68111	Magnesium	1	3250	3250
2154	68111	Magnesium	1	3320	3320
2179	68111	Magnesium	1	2520	2520
2216	68111	Magnesium	1	3590	3590
2225	68111	Magnesium	1	3820	3820
2231	68111	Magnesium	1	2700	2700

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2262	68111	Magnesium	1	2550	2550
2365	68111	Magnesium	1	5720	5720
3046	68111	Magnesium	1	3860	3860
3051	68111	Magnesium	1	4640	4640
3058	68111	Magnesium	1	2560	2560
3091	68111	Magnesium	1	2380	2380
3133	68111	Magnesium	1	3660	3660
3151	68111	Magnesium	1	2900	2900
5013	68111	Magnesium	1	6300	6300
5085	68111	Magnesium	1	2920	2920
5170	68111	Magnesium	1	3790	3790
5171	68111	Magnesium	1	4030	4030
5204	68111	Magnesium	1	3470	3470
5206	68111	Magnesium	1	3480	3480
5208	68111	Magnesium	1	2660	2660
5215	68111	Magnesium	1	2870	2870
5221	68111	Magnesium	1	2840	2840
5230	68111	Magnesium	1	2780	2780
5232	68111	Magnesium	1	3510	3510
5234	68111	Magnesium	1	3260	3260
5236	68111	Magnesium	1	3450	3450
5238	68111	Magnesium	1	5280	5280
5240	68111	Magnesium	1	3090	3090
5242	68111	Magnesium	1	3020	3020
5246	68111	Magnesium	1	6200	6200
5288	68111	Magnesium	1	3530	3530
5296	68111	Magnesium	1	4180	4180
5330	68111	Magnesium	1	2320	2320
5333	68111	Magnesium	1	7510	7510
5513	68111	Magnesium	1	3310	3310
5514	68111	Magnesium	1	2850	2850
5618	68111	Magnesium	1	3010	3010
2269	68112	Magnesium	1	2850	2850
2097	68131	Magnesium	1	3440	3440
2156	68131	Magnesium	1	3260	3260
5037	68131	Magnesium	1	7140	7140
5150	68131	Magnesium	1	4520	4520
5153	68131	Magnesium	1	4670	4670
5186	68131	Magnesium	1	6170	6170
5188	68131	Magnesium	1	3640	3640
5195	68131	Magnesium	1	3610	3610
5197	68131	Magnesium	1	4240	4240
5260	68131	Magnesium	1	3050	3050
5272	68131	Magnesium	1	3170	3170
5278	68131	Magnesium	1	3260	3260
5298	68131	Magnesium	1	4220	4220
5377	68131	Magnesium	1	3340	3340

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5379	68131	Magnesium	1	4500	4500
5380	68131	Magnesium	1	4180	4180
5139	68132	Magnesium	1	3660	3660
5140	68132	Magnesium	1	2780	2780
5313	68132	Magnesium	1	7100	7100
5317	68132	Magnesium	1	2380	2380
2133	68104	Manganese	1	320	320
5026	68104	Manganese	1	691	691
5143	68104	Manganese	1	352	352
5144	68104	Manganese	1	636	636
5145	68104	Manganese	1	413	413
5147	68104	Manganese	1	415	415
2229	68105	Manganese	1	614	614
2299	68105	Manganese	1	655	655
2300	68105	Manganese	1	760	760
2308	68105	Manganese	1	814	814
3076	68105	Manganese	1	776	776
3118	68105	Manganese	1	728	728
5054	68105	Manganese	1	369	369
5057	68105	Manganese	1	574	574
5105	68105	Manganese	1	577	577
5109	68105	Manganese	1	676	676
5110	68105	Manganese	1	1240	1240
5112	68105	Manganese	1	1010	1010
5117	68105	Manganese	1	625	625
5123	68105	Manganese	1	608	608
5128	68105	Manganese	1	557	557
5129	68105	Manganese	1	618	618
5132	68105	Manganese	1	691	691
5134	68105	Manganese	1	674	674
5338	68105	Manganese	1	462	462
5347	68105	Manganese	1	764	764
5351	68105	Manganese	1	0.128	0.128
5352	68105	Manganese	1	674	674
5355	68105	Manganese	1	573	573
5356	68105	Manganese	1	810	810
5357	68105	Manganese	1	742	742
5359	68105	Manganese	1	872	872
5361	68105	Manganese	1	456	456
5363	68105	Manganese	1	785	785
5364	68105	Manganese	1	652	652
5365	68105	Manganese	1	710	710
5367	68105	Manganese	1	753	753
5486	68105	Manganese	1	514	514
5488	68105	Manganese	1	434	434
5489	68105	Manganese	1	698	698
5495	68105	Manganese	1	617	617

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5509	68105	Manganese	1	708	708
5610	68105	Manganese	1	753	753
2030	68107	Manganese	1	596	596
2038	68107	Manganese	1	570	570
2104	68107	Manganese	1	330	330
2124	68107	Manganese	1	769	769
2167	68107	Manganese	1	738	738
2206	68107	Manganese	1	341	341
2252	68107	Manganese	1	659	659
2273	68107	Manganese	1	585	585
2292	68107	Manganese	1	637	637
3003	68107	Manganese	1	697	697
3021	68107	Manganese	1	656	656
3074	68107	Manganese	1	585	585
3121	68107	Manganese	1	960	960
5066	68107	Manganese	1	474	474
5076	68107	Manganese	1	515	515
5130	68107	Manganese	1	1270	1270
5157	68107	Manganese	1	688	688
5159	68107	Manganese	1	601	601
5161	68107	Manganese	1	708	708
5163	68107	Manganese	1	632	632
5165	68107	Manganese	1	615	615
5166	68107	Manganese	1	590	590
5172	68107	Manganese	1	438	438
5176	68107	Manganese	1	980	980
5178	68107	Manganese	1	615	615
5180	68107	Manganese	1	572	572
5182	68107	Manganese	1	633	633
5183	68107	Manganese	1	479	479
5185	68107	Manganese	1	637	637
5211	68107	Manganese	1	425	425
5212	68107	Manganese	1	475	475
2170	68108	Manganese	1	600	600
5225	68108	Manganese	1	628	628
5227	68108	Manganese	1	602	602
5229	68108	Manganese	1	429	429
5284	68108	Manganese	1	605	605
5300	68108	Manganese	1	718	718
5304	68108	Manganese	1	571	571
5306	68108	Manganese	1	863	863
5332	68108	Manganese	1	448	448
5387	68108	Manganese	1	689	689
5390	68108	Manganese	1	764	764
5394	68108	Manganese	1	635	635
5395	68108	Manganese	1	599	599
5398	68108	Manganese	1	816	816

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5403	68108	Manganese	1	737	737
5407	68108	Manganese	1	563	563
5408	68108	Manganese	1	754	754
5409	68108	Manganese	1	340	340
5416	68108	Manganese	1	737	737
5418	68108	Manganese	1	680	680
5422	68108	Manganese	1	500	500
5425	68108	Manganese	1	601	601
5426	68108	Manganese	1	715	715
5427	68108	Manganese	1	779	779
5429	68108	Manganese	1	837	837
5431	68108	Manganese	1	729	729
5432	68108	Manganese	1	739	739
5449	68108	Manganese	1	562	562
5450	68108	Manganese	1	784	784
5454	68108	Manganese	1	333	333
5460	68108	Manganese	1	567	567
5463	68108	Manganese	1	735	735
5467	68108	Manganese	1	722	722
5472	68108	Manganese	1	681	681
5473	68108	Manganese	1	880	880
5474	68108	Manganese	1	838	838
5480	68108	Manganese	1	725	725
5483	68108	Manganese	1	508	508
5485	68108	Manganese	1	690	690
5492	68108	Manganese	1	641	641
5505	68108	Manganese	1	533	533
5572	68108	Manganese	1	627	627
5607	68108	Manganese	1	671	671
5608	68108	Manganese	1	616	616
5623	68108	Manganese	1	829	829
5628	68108	Manganese	1	840	840
5630	68108	Manganese	1	669	669
5636	68108	Manganese	1	689	689
5637	68108	Manganese	1	640	640
5652	68108	Manganese	1	566	566
2069	68110	Manganese	1	732	732
2280	68110	Manganese	1	487	487
2354	68110	Manganese	1	596	596
3136	68110	Manganese	1	589	589
5258	68110	Manganese	1	602	602
5388	68110	Manganese	1	646	646
5520	68110	Manganese	1	749	749
5525	68110	Manganese	1	613	613
5527	68110	Manganese	1	619	619
5530	68110	Manganese	1	689	689
5532	68110	Manganese	1	579	579

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5536	68110	Manganese	1	572	572
5541	68110	Manganese	1	613	613
5544	68110	Manganese	1	633	633
5546	68110	Manganese	1	646	646
5551	68110	Manganese	1	561	561
5559	68110	Manganese	1	615	615
5560	68110	Manganese	1	644	644
5561	68110	Manganese	1	678	678
5563	68110	Manganese	1	670	670
5565	68110	Manganese	1	708	708
5566	68110	Manganese	1	650	650
5612	68110	Manganese	1	717	717
5614	68110	Manganese	1	509	509
5641	68110	Manganese	1	692	692
5651	68110	Manganese	1	661	661
2035	68111	Manganese	1	662	662
2075	68111	Manganese	1	405	405
2103	68111	Manganese	1	771	771
2109	68111	Manganese	1	694	694
2121	68111	Manganese	1	655	655
2126	68111	Manganese	1	638	638
2154	68111	Manganese	1	587	587
2179	68111	Manganese	1	676	676
2216	68111	Manganese	1	726	726
2225	68111	Manganese	1	593	593
2231	68111	Manganese	1	180	180
2262	68111	Manganese	1	501	501
2365	68111	Manganese	1	667	667
3046	68111	Manganese	1	663	663
3051	68111	Manganese	1	655	655
3058	68111	Manganese	1	712	712
3091	68111	Manganese	1	451	451
3133	68111	Manganese	1	611	611
3151	68111	Manganese	1	482	482
5013	68111	Manganese	1	621	621
5085	68111	Manganese	1	617	617
5170	68111	Manganese	1	533	533
5171	68111	Manganese	1	529	529
5204	68111	Manganese	1	667	667
5206	68111	Manganese	1	732	732
5208	68111	Manganese	1	501	501
5215	68111	Manganese	1	588	588
5221	68111	Manganese	1	621	621
5230	68111	Manganese	1	559	559
5232	68111	Manganese	1	625	625
5234	68111	Manganese	1	662	662
5236	68111	Manganese	1	543	543

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5238	68111	Manganese	1	701	701
5240	68111	Manganese	1	690	690
5242	68111	Manganese	1	589	589
5246	68111	Manganese	1	691	691
5288	68111	Manganese	1	654	654
5296	68111	Manganese	1	317	317
5330	68111	Manganese	1	487	487
5333	68111	Manganese	1	917	917
5513	68111	Manganese	1	608	608
5514	68111	Manganese	1	664	664
5618	68111	Manganese	1	600	600
2269	68112	Manganese	1	572	572
2097	68131	Manganese	1	526	526
2156	68131	Manganese	1	491	491
5037	68131	Manganese	1	442	442
5150	68131	Manganese	1	739	739
5153	68131	Manganese	1	710	710
5186	68131	Manganese	1	590	590
5188	68131	Manganese	1	453	453
5195	68131	Manganese	1	467	467
5197	68131	Manganese	1	747	747
5260	68131	Manganese	1	303	303
5272	68131	Manganese	1	576	576
5278	68131	Manganese	1	689	689
5298	68131	Manganese	1	789	789
5377	68131	Manganese	1	700	700
5379	68131	Manganese	1	703	703
5380	68131	Manganese	1	711	711
5139	68132	Manganese	1	542	542
5140	68132	Manganese	1	575	575
5313	68132	Manganese	1	458	458
5317	68132	Manganese	1	408	408
22493	68102	Mercury	1	0.552	0.552
25567	68102	Mercury	1	0.101	0.101
25717	68102	Mercury	1	0.05	0.05
25720	68102	Mercury	1	0.19	0.19
25914	68102	Mercury	1	0.053	0.053
90101	68102	Mercury	1	0.0838	0.0838
50647	68104	Mercury	1	0.0565	0.0565
1626	68105	Mercury	1	0.578	0.578
2441	68105	Mercury	1	0.062	0.062
2448	68105	Mercury	1	0.075	0.075
2465	68105	Mercury	1	0.538	0.538
5325	68105	Mercury	1	0.071	0.071
12784	68105	Mercury	1	0.0453	0.0453
12864	68105	Mercury	1	0.0615	0.0615
12875	68105	Mercury	1	0.15	0.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12886	68105	Mercury	1	0.0575	0.0575
12964	68105	Mercury	1	0.05	0.05
12995	68105	Mercury	1	0.0539	0.0539
13069	68105	Mercury	1	0.0409	0.0409
13073	68105	Mercury	1	0.17	0.17
13092	68105	Mercury	1	0.057	0.057
13166	68105	Mercury	1	0.05	0.05
13185	68105	Mercury	1	0.054	0.054
13187	68105	Mercury	1	0.073	0.073
13191	68105	Mercury	1	0.059	0.059
13204	68105	Mercury	1	0.0624	0.0624
13209	68105	Mercury	1	0.05	0.05
13237	68105	Mercury	1	0.056	0.056
13240	68105	Mercury	1	0.0775	0.0775
13245	68105	Mercury	1	0.05	0.05
13248	68105	Mercury	1	0.0555	0.0555
13273	68105	Mercury	1	0.185	0.185
13283	68105	Mercury	1	0.162	0.162
13322	68105	Mercury	1	0.1823	0.1823
13336	68105	Mercury	1	0.0935	0.0935
13370	68105	Mercury	1	0.212	0.212
13381	68105	Mercury	1	0.0551	0.0551
13389	68105	Mercury	1	0.0753	0.0753
13403	68105	Mercury	1	0.06	0.06
13437	68105	Mercury	1	0.0527	0.0527
13438	68105	Mercury	1	0.052	0.052
13460	68105	Mercury	1	0.062	0.062
13476	68105	Mercury	1	0.0545	0.0545
13573	68105	Mercury	1	0.063	0.063
13577	68105	Mercury	1	0.0624	0.0624
13611	68105	Mercury	1	0.0794	0.0794
13656	68105	Mercury	1	0.0585	0.0585
13690	68105	Mercury	1	0.0555	0.0555
13731	68105	Mercury	1	0.08	0.08
13735	68105	Mercury	1	0.05	0.05
13741	68105	Mercury	1	0.058	0.058
13745	68105	Mercury	1	0.096	0.096
13779	68105	Mercury	1	0.0865	0.0865
13790	68105	Mercury	1	0.064	0.064
13791	68105	Mercury	1	0.065	0.065
13793	68105	Mercury	1	0.0377	0.0377
13851	68105	Mercury	1	0.061	0.061
13863	68105	Mercury	1	0.02385	0.02385
13869	68105	Mercury	1	0.056	0.056
13871	68105	Mercury	1	0.0878	0.0878
13880	68105	Mercury	1	0.0555	0.0555
13918	68105	Mercury	1	0.0552	0.0552

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13919	68105	Mercury	1	0.624	0.624
13935	68105	Mercury	1	0.043	0.043
13984	68105	Mercury	1	0.162	0.162
14003	68105	Mercury	1	0.0523	0.0523
14024	68105	Mercury	1	0.208	0.208
14050	68105	Mercury	1	0.106	0.106
14063	68105	Mercury	1	0.0917	0.0917
14080	68105	Mercury	1	0.06	0.06
14098	68105	Mercury	1	0.152	0.152
14199	68105	Mercury	1	0.0654	0.0654
14238	68105	Mercury	1	0.0639	0.0639
14322	68105	Mercury	1	0.061	0.061
14326	68105	Mercury	1	0.107	0.107
14341	68105	Mercury	1	0.586	0.586
14407	68105	Mercury	1	0.0705	0.0705
14410	68105	Mercury	1	0.0732	0.0732
14460	68105	Mercury	1	0.094	0.094
14492	68105	Mercury	1	0.06	0.06
14525	68105	Mercury	1	0.102	0.102
14528	68105	Mercury	1	0.02385	0.02385
14536	68105	Mercury	1	0.224	0.224
14544	68105	Mercury	1	0.0835	0.0835
14556	68105	Mercury	1	0.048	0.048
14557	68105	Mercury	1	0.063	0.063
14577	68105	Mercury	1	0.146	0.146
14602	68105	Mercury	1	0.086	0.086
14647	68105	Mercury	1	0.0595	0.0595
14656	68105	Mercury	1	0.0708	0.0708
14688	68105	Mercury	1	0.065	0.065
14718	68105	Mercury	1	0.218	0.218
14739	68105	Mercury	1	0.0605	0.0605
14752	68105	Mercury	1	0.0539	0.0539
14780	68105	Mercury	1	0.0863	0.0863
14817	68105	Mercury	1	0.058	0.058
14823	68105	Mercury	1	0.05	0.05
14860	68105	Mercury	1	0.02385	0.02385
14885	68105	Mercury	1	0.122	0.122
14913	68105	Mercury	1	0.0977	0.0977
14959	68105	Mercury	1	0.128	0.128
14964	68105	Mercury	1	0.314	0.314
14976	68105	Mercury	1	0.0711	0.0711
14992	68105	Mercury	1	0.108	0.108
15003	68105	Mercury	1	0.217	0.217
15044	68105	Mercury	1	0.07	0.07
15045	68105	Mercury	1	0.02385	0.02385
15058	68105	Mercury	1	0.072	0.072
15060	68105	Mercury	1	0.121	0.121

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15091	68105	Mercury	1	0.144	0.144
15106	68105	Mercury	1	0.199	0.199
15166	68105	Mercury	1	0.689	0.689
15227	68105	Mercury	1	0.055	0.055
15231	68105	Mercury	1	0.0535	0.0535
15255	68105	Mercury	1	0.077	0.077
15278	68105	Mercury	1	0.051	0.051
15279	68105	Mercury	1	0.062	0.062
15292	68105	Mercury	1	0.1295	0.1295
15299	68105	Mercury	1	0.0525	0.0525
15308	68105	Mercury	1	0.059	0.059
15317	68105	Mercury	1	0.057	0.057
15329	68105	Mercury	1	0.052	0.052
15336	68105	Mercury	1	0.989	0.989
15348	68105	Mercury	1	0.087	0.087
15363	68105	Mercury	1	0.05	0.05
15372	68105	Mercury	1	0.142	0.142
15416	68105	Mercury	2	0.0614	0.0668
15496	68105	Mercury	1	0.0681	0.0681
15519	68105	Mercury	1	0.117	0.117
15526	68105	Mercury	1	0.0175	0.0175
15577	68105	Mercury	1	0.109	0.109
15587	68105	Mercury	1	0.05	0.05
15611	68105	Mercury	1	0.089	0.089
15651	68105	Mercury	1	0.136	0.136
15686	68105	Mercury	1	0.103	0.103
15695	68105	Mercury	1	0.0746	0.0746
15728	68105	Mercury	1	0.0768	0.0768
15801	68105	Mercury	1	0.119	0.119
15835	68105	Mercury	1	0.124	0.124
15842	68105	Mercury	1	0.0638	0.0638
15871	68105	Mercury	1	0.0635	0.0635
15891	68105	Mercury	1	0.108	0.108
15918	68105	Mercury	1	0.0307	0.0307
15959	68105	Mercury	1	0.116	0.116
15985	68105	Mercury	1	0.135	0.135
15988	68105	Mercury	1	0.0795	0.0795
16027	68105	Mercury	1	0.256	0.256
16072	68105	Mercury	1	0.069	0.069
16094	68105	Mercury	1	0.165	0.165
16098	68105	Mercury	1	0.183	0.183
16123	68105	Mercury	1	0.099	0.099
16155	68105	Mercury	1	0.116	0.116
16169	68105	Mercury	1	1.72	1.72
16182	68105	Mercury	1	0.0429	0.0429
16186	68105	Mercury	1	0.1015	0.1015
16230	68105	Mercury	1	0.1675	0.1675

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16236	68105	Mercury	1	0.0445	0.0445
16243	68105	Mercury	1	0.511	0.511
16271	68105	Mercury	1	0.162	0.162
16308	68105	Mercury	1	0.303	0.303
16309	68105	Mercury	1	0.02385	0.02385
16321	68105	Mercury	1	0.061	0.061
16333	68105	Mercury	1	0.293	0.293
16364	68105	Mercury	1	0.0525	0.0525
16365	68105	Mercury	1	0.147	0.147
16384	68105	Mercury	1	0.0692	0.0692
16395	68105	Mercury	1	0.431	0.431
16420	68105	Mercury	1	0.0765	0.0765
16472	68105	Mercury	1	0.156	0.156
16473	68105	Mercury	1	0.201	0.201
16478	68105	Mercury	1	0.13	0.13
16486	68105	Mercury	1	0.079	0.079
16499	68105	Mercury	1	0.148	0.148
16545	68105	Mercury	1	0.0379	0.0379
16572	68105	Mercury	1	0.0535	0.0535
16589	68105	Mercury	1	0.0857	0.0857
16618	68105	Mercury	1	0.075	0.075
16646	68105	Mercury	1	0.139	0.139
16668	68105	Mercury	1	0.052	0.052
16749	68105	Mercury	1	0.05	0.05
16772	68105	Mercury	1	0.061	0.061
16777	68105	Mercury	1	0.0545	0.0545
16793	68105	Mercury	1	0.0891	0.0891
16851	68105	Mercury	1	0.0893	0.0893
16866	68105	Mercury	1	0.068	0.068
16869	68105	Mercury	1	0.115	0.115
16889	68105	Mercury	1	0.053	0.053
16893	68105	Mercury	1	0.184	0.184
16922	68105	Mercury	1	0.104	0.104
16928	68105	Mercury	1	0.08	0.08
16946	68105	Mercury	1	0.295	0.295
16963	68105	Mercury	1	0.074	0.074
16974	68105	Mercury	1	0.066	0.066
17040	68105	Mercury	1	0.26	0.26
17055	68105	Mercury	1	0.0575	0.0575
17065	68105	Mercury	1	0.358	0.358
17076	68105	Mercury	1	0.193	0.193
17097	68105	Mercury	1	0.0493	0.0493
17108	68105	Mercury	1	0.0909	0.0909
17142	68105	Mercury	1	0.078	0.078
17179	68105	Mercury	1	0.067	0.067
17198	68105	Mercury	1	0.147	0.147
17199	68105	Mercury	1	0.344	0.344

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17270	68105	Mercury	1	0.05	0.05
17298	68105	Mercury	1	0.0453	0.0453
17300	68105	Mercury	1	0.05	0.05
17348	68105	Mercury	1	0.075	0.075
17374	68105	Mercury	1	0.078	0.078
17379	68105	Mercury	1	0.061	0.061
17542	68105	Mercury	1	0.149	0.149
17557	68105	Mercury	1	0.362	0.362
17719	68105	Mercury	1	1.67	1.67
17725	68105	Mercury	1	0.092	0.092
17745	68105	Mercury	1	0.148	0.148
17753	68105	Mercury	1	0.02385	0.02385
17802	68105	Mercury	1	0.07	0.07
17803	68105	Mercury	1	0.0615	0.0615
17827	68105	Mercury	1	0.0965	0.0965
17876	68105	Mercury	1	0.224	0.224
17899	68105	Mercury	1	0.292	0.292
17918	68105	Mercury	1	1.17	1.17
17934	68105	Mercury	1	0.0555	0.0555
17935	68105	Mercury	1	0.222	0.222
18036	68105	Mercury	1	0.339	0.339
18133	68105	Mercury	1	0.053	0.053
18147	68105	Mercury	1	0.185	0.185
18177	68105	Mercury	1	0.722	0.722
18187	68105	Mercury	1	0.054	0.054
18189	68105	Mercury	1	0.0922	0.0922
18281	68105	Mercury	1	0.184	0.184
18321	68105	Mercury	1	0.212	0.212
18349	68105	Mercury	1	0.213	0.213
18452	68105	Mercury	1	0.192	0.192
18453	68105	Mercury	1	0.1	0.1
18469	68105	Mercury	1	0.167	0.167
18499	68105	Mercury	1	0.057	0.057
18561	68105	Mercury	1	0.165	0.165
18573	68105	Mercury	1	0.085	0.085
18598	68105	Mercury	1	1.08	1.08
18610	68105	Mercury	1	0.0517	0.0517
18654	68105	Mercury	1	0.0634	0.0634
18661	68105	Mercury	1	0.189	0.189
18673	68105	Mercury	1	0.246	0.246
18676	68105	Mercury	1	0.0724	0.0724
18693	68105	Mercury	1	0.148	0.148
18757	68105	Mercury	1	0.382	0.382
18787	68105	Mercury	1	0.204	0.204
18797	68105	Mercury	1	0.12	0.12
18825	68105	Mercury	1	0.162	0.162
18839	68105	Mercury	1	0.0565	0.0565

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18871	68105	Mercury	1	0.116	0.116
18882	68105	Mercury	1	0.13	0.13
18898	68105	Mercury	1	0.339	0.339
18927	68105	Mercury	1	0.115	0.115
18934	68105	Mercury	1	0.134	0.134
19015	68105	Mercury	1	0.258	0.258
19028	68105	Mercury	1	0.211	0.211
19127	68105	Mercury	1	0.41	0.41
19129	68105	Mercury	1	0.529	0.529
19169	68105	Mercury	1	0.066	0.066
19288	68105	Mercury	1	0.118	0.118
19310	68105	Mercury	1	0.135	0.135
19334	68105	Mercury	1	0.1205	0.1205
19344	68105	Mercury	1	0.21	0.21
19448	68105	Mercury	1	0.0529	0.0529
19485	68105	Mercury	1	0.138	0.138
19489	68105	Mercury	1	0.21	0.21
19496	68105	Mercury	1	0.128	0.128
19561	68105	Mercury	1	0.24	0.24
19602	68105	Mercury	1	0.05	0.05
19612	68105	Mercury	1	0.0939	0.0939
19655	68105	Mercury	1	0.144	0.144
19671	68105	Mercury	1	0.115	0.115
19676	68105	Mercury	1	0.115	0.115
19728	68105	Mercury	1	0.137	0.137
19729	68105	Mercury	1	0.182	0.182
19768	68105	Mercury	1	0.0951	0.0951
19787	68105	Mercury	1	0.713	0.713
19791	68105	Mercury	1	0.212	0.212
19812	68105	Mercury	1	0.142	0.142
19831	68105	Mercury	1	0.0773	0.0773
19839	68105	Mercury	1	0.048	0.048
19858	68105	Mercury	1	0.071	0.071
19864	68105	Mercury	1	0.0608	0.0608
19915	68105	Mercury	1	0.551	0.551
19923	68105	Mercury	1	0.201	0.201
19932	68105	Mercury	1	0.252	0.252
19938	68105	Mercury	1	0.309	0.309
19972	68105	Mercury	1	0.239	0.239
19976	68105	Mercury	1	0.211	0.211
19987	68105	Mercury	1	0.161	0.161
20069	68105	Mercury	1	0.133	0.133
20080	68105	Mercury	1	0.321	0.321
20105	68105	Mercury	1	0.151	0.151
20110	68105	Mercury	1	0.085	0.085
20128	68105	Mercury	1	0.206	0.206
20170	68105	Mercury	1	0.112	0.112

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20218	68105	Mercury	1	0.1525	0.1525
20236	68105	Mercury	1	0.0965	0.0965
20313	68105	Mercury	1	0.075	0.075
20315	68105	Mercury	1	0.103	0.103
20342	68105	Mercury	1	0.171	0.171
20420	68105	Mercury	1	0.133	0.133
20426	68105	Mercury	1	0.337	0.337
20452	68105	Mercury	1	0.0742	0.0742
20470	68105	Mercury	1	0.061	0.061
20471	68105	Mercury	1	0.06	0.06
20477	68105	Mercury	1	0.0535	0.0535
20506	68105	Mercury	1	0.061	0.061
20510	68105	Mercury	1	0.169	0.169
20535	68105	Mercury	1	0.05	0.05
20545	68105	Mercury	1	0.184	0.184
20557	68105	Mercury	1	0.33	0.33
20584	68105	Mercury	1	0.1045	0.1045
20590	68105	Mercury	1	0.174	0.174
20603	68105	Mercury	1	0.063	0.063
20610	68105	Mercury	1	0.251	0.251
20612	68105	Mercury	1	0.119	0.119
20656	68105	Mercury	1	0.02385	0.02385
20674	68105	Mercury	1	0.0942	0.0942
20685	68105	Mercury	1	0.106	0.106
20702	68105	Mercury	1	0.02385	0.02385
20759	68105	Mercury	1	0.0973	0.0973
20777	68105	Mercury	1	0.2665	0.2665
20823	68105	Mercury	1	0.05	0.05
20845	68105	Mercury	1	0.0248	0.0248
20856	68105	Mercury	1	0.173	0.173
20883	68105	Mercury	1	0.14	0.14
20908	68105	Mercury	1	0.0963	0.0963
20925	68105	Mercury	1	0.228	0.228
20945	68105	Mercury	1	0.0774	0.0774
20961	68105	Mercury	1	0.171	0.171
20964	68105	Mercury	1	0.28	0.28
21005	68105	Mercury	1	0.054	0.054
21012	68105	Mercury	1	0.211	0.211
21019	68105	Mercury	1	0.278	0.278
21053	68105	Mercury	1	0.208	0.208
21064	68105	Mercury	1	0.143	0.143
21068	68105	Mercury	1	0.476	0.476
21079	68105	Mercury	1	0.072	0.072
21097	68105	Mercury	1	0.183	0.183
21110	68105	Mercury	1	0.139	0.139
21136	68105	Mercury	1	0.171	0.171
21143	68105	Mercury	1	0.153	0.153

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21148	68105	Mercury	1	0.0594	0.0594
21150	68105	Mercury	1	0.0875	0.0875
21265	68105	Mercury	1	0.109	0.109
21268	68105	Mercury	1	0.082	0.082
21283	68105	Mercury	1	0.1085	0.1085
21309	68105	Mercury	1	0.0555	0.0555
21336	68105	Mercury	1	0.798	0.798
21355	68105	Mercury	1	0.058	0.058
21390	68105	Mercury	1	0.096	0.096
21394	68105	Mercury	1	0.062	0.062
21436	68105	Mercury	1	0.055	0.055
21454	68105	Mercury	1	0.056	0.056
21490	68105	Mercury	1	0.112	0.112
21498	68105	Mercury	1	0.02385	0.02385
21513	68105	Mercury	1	0.835	0.835
21535	68105	Mercury	1	0.0565	0.0565
21551	68105	Mercury	1	0.02385	0.02385
21560	68105	Mercury	1	0.059	0.059
21565	68105	Mercury	1	0.133	0.133
21578	68105	Mercury	1	0.374	0.374
21609	68105	Mercury	1	0.105	0.105
21614	68105	Mercury	1	0.187	0.187
21625	68105	Mercury	1	0.0711	0.0711
21653	68105	Mercury	1	0.117	0.117
21677	68105	Mercury	1	0.0999	0.0999
21689	68105	Mercury	1	0.256	0.256
21705	68105	Mercury	1	0.208	0.208
21714	68105	Mercury	1	0.141	0.141
21720	68105	Mercury	1	0.379	0.379
21724	68105	Mercury	1	0.209	0.209
21730	68105	Mercury	1	0.12	0.12
21744	68105	Mercury	1	0.0812	0.0812
21811	68105	Mercury	1	0.184	0.184
21815	68105	Mercury	1	0.118	0.118
21822	68105	Mercury	1	0.129	0.129
21836	68105	Mercury	1	0.0982	0.0982
21881	68105	Mercury	1	0.058	0.058
21884	68105	Mercury	1	0.0793	0.0793
21901	68105	Mercury	1	0.11	0.11
21916	68105	Mercury	1	0.0625	0.0625
21925	68105	Mercury	1	0.0575	0.0575
21941	68105	Mercury	1	0.0855	0.0855
21956	68105	Mercury	1	0.241	0.241
21981	68105	Mercury	1	0.0807	0.0807
21985	68105	Mercury	1	0.135	0.135
21989	68105	Mercury	1	0.435	0.435
22006	68105	Mercury	1	0.111	0.111

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22013	68105	Mercury	1	0.05	0.05
22024	68105	Mercury	1	0.223	0.223
22025	68105	Mercury	1	0.209	0.209
22027	68105	Mercury	1	0.078	0.078
22034	68105	Mercury	1	0.0752	0.0752
22036	68105	Mercury	1	0.0209	0.0209
22039	68105	Mercury	1	0.122	0.122
22044	68105	Mercury	1	0.12	0.12
22046	68105	Mercury	1	0.769	0.769
22056	68105	Mercury	1	0.094	0.094
22061	68105	Mercury	1	0.276	0.276
22074	68105	Mercury	1	0.139	0.139
22079	68105	Mercury	1	0.173	0.173
22080	68105	Mercury	1	0.175	0.175
22177	68105	Mercury	1	0.05	0.05
22181	68105	Mercury	1	0.871	0.871
22183	68105	Mercury	1	0.061	0.061
22230	68105	Mercury	1	0.16	0.16
22273	68105	Mercury	1	0.096	0.096
22295	68105	Mercury	1	0.113	0.113
22320	68105	Mercury	1	0.121	0.121
22344	68105	Mercury	1	0.0856	0.0856
22358	68105	Mercury	1	0.101	0.101
22386	68105	Mercury	1	0.601	0.601
22399	68105	Mercury	1	0.158	0.158
22405	68105	Mercury	1	0.1505	0.1505
22453	68105	Mercury	1	0.325	0.325
22563	68105	Mercury	1	0.39	0.39
22574	68105	Mercury	1	0.216	0.216
22636	68105	Mercury	1	0.0883	0.0883
22715	68105	Mercury	1	0.105	0.105
22716	68105	Mercury	1	0.32	0.32
22754	68105	Mercury	1	0.118	0.118
22772	68105	Mercury	1	0.0655	0.0655
22832	68105	Mercury	1	0.217	0.217
49272	68105	Mercury	1	0.385	0.385
49289	68105	Mercury	1	0.587	0.587
50528	68105	Mercury	1	0.586	0.586
50574	68105	Mercury	1	0.0728	0.0728
90427	68105	Mercury	1	0.0905	0.0905
93120	68105	Mercury	1	0.062	0.062
93354	68105	Mercury	1	0.104	0.104
93358	68105	Mercury	1	0.057	0.057
93364	68105	Mercury	1	0.0747	0.0747
93381	68105	Mercury	1	0.79	0.79
51011	68106	Mercury	1	0.183	0.183
51029	68106	Mercury	1	0.1165	0.1165

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51034	68106	Mercury	1	0.2015	0.2015
51037	68106	Mercury	1	0.058	0.058
51041	68106	Mercury	1	0.05	0.05
51046	68106	Mercury	1	0.054	0.054
51047	68106	Mercury	1	0.272	0.272
51052	68106	Mercury	1	0.915	0.915
51058	68106	Mercury	1	0.05	0.05
51064	68106	Mercury	1	0.0189	0.0189
51065	68106	Mercury	1	0.0457	0.0457
51079	68106	Mercury	1	0.244	0.244
51080	68106	Mercury	1	0.0844	0.0844
51082	68106	Mercury	1	0.0779	0.0779
51089	68106	Mercury	1	0.106	0.106
51093	68106	Mercury	1	0.107	0.107
51101	68106	Mercury	1	0.1	0.1
51102	68106	Mercury	1	0.1225	0.1225
51113	68106	Mercury	1	0.05	0.05
51116	68106	Mercury	1	0.354	0.354
51118	68106	Mercury	1	0.365	0.365
51120	68106	Mercury	1	0.05	0.05
51123	68106	Mercury	1	0.233	0.233
51126	68106	Mercury	1	0.224	0.224
51127	68106	Mercury	1	0.241	0.241
51132	68106	Mercury	1	0.0635	0.0635
51133	68106	Mercury	1	0.117	0.117
51143	68106	Mercury	1	0.15	0.15
51155	68106	Mercury	1	0.056	0.056
51158	68106	Mercury	1	0.808	0.808
51160	68106	Mercury	1	0.081	0.081
51162	68106	Mercury	1	0.242	0.242
51184	68106	Mercury	1	0.113	0.113
2056	68107	Mercury	1	0.207	0.207
2220	68107	Mercury	1	0.091	0.091
2496	68107	Mercury	1	0.0555	0.0555
2499	68107	Mercury	1	0.332	0.332
10008	68107	Mercury	1	6.65	6.65
10018	68107	Mercury	1	0.122	0.122
10044	68107	Mercury	1	0.102	0.102
10046	68107	Mercury	1	0.127	0.127
10072	68107	Mercury	1	0.0879	0.0879
10073	68107	Mercury	1	0.198	0.198
10088	68107	Mercury	1	0.12	0.12
10095	68107	Mercury	1	0.1	0.1
10111	68107	Mercury	1	0.122	0.122
10130	68107	Mercury	1	1.99	1.99
10134	68107	Mercury	1	0.0681	0.0681
10214	68107	Mercury	1	0.197	0.197

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10241	68107	Mercury	1	0.401	0.401
10290	68107	Mercury	1	0.121	0.121
10295	68107	Mercury	1	0.069	0.069
10299	68107	Mercury	1	0.0747	0.0747
10310	68107	Mercury	1	0.299	0.299
10328	68107	Mercury	1	0.02385	0.02385
10329	68107	Mercury	1	0.104	0.104
10387	68107	Mercury	1	0.0476	0.0476
10401	68107	Mercury	2	0.1635	0.238
10403	68107	Mercury	1	0.1895	0.1895
10425	68107	Mercury	1	0.059	0.059
10432	68107	Mercury	1	0.093	0.093
10455	68107	Mercury	1	0.159	0.159
10458	68107	Mercury	1	0.031	0.031
10468	68107	Mercury	1	0.0731	0.0731
10471	68107	Mercury	1	0.38	0.38
10484	68107	Mercury	1	0.124	0.124
10492	68107	Mercury	1	0.05	0.05
10500	68107	Mercury	1	0.182	0.182
10508	68107	Mercury	1	0.227	0.227
10513	68107	Mercury	1	0.075	0.075
10538	68107	Mercury	1	0.106	0.106
10543	68107	Mercury	1	0.651	0.651
10548	68107	Mercury	1	0.0885	0.0885
10578	68107	Mercury	1	0.17	0.17
10582	68107	Mercury	1	0.05	0.05
10622	68107	Mercury	1	0.052	0.052
10633	68107	Mercury	1	0.0355	0.0355
10650	68107	Mercury	1	0.0905	0.0905
10654	68107	Mercury	1	0.05	0.05
10662	68107	Mercury	1	0.0535	0.0535
10670	68107	Mercury	1	0.05	0.05
10687	68107	Mercury	1	0.057	0.057
10707	68107	Mercury	1	0.062	0.062
10720	68107	Mercury	1	0.2	0.2
10735	68107	Mercury	1	0.0477	0.0477
10738	68107	Mercury	1	0.0744	0.0744
10794	68107	Mercury	1	0.0885	0.0885
10814	68107	Mercury	1	0.05	0.05
10822	68107	Mercury	1	0.132	0.132
10831	68107	Mercury	1	0.138	0.138
10834	68107	Mercury	1	0.0838	0.0838
10842	68107	Mercury	1	0.0602	0.0602
10848	68107	Mercury	1	0.1095	0.1095
10858	68107	Mercury	1	0.0624	0.0624
10860	68107	Mercury	1	0.0525	0.0525
10870	68107	Mercury	1	0.156	0.156

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10876	68107	Mercury	1	0.078	0.078
10877	68107	Mercury	1	0.0575	0.0575
10880	68107	Mercury	1	0.0327	0.0327
10895	68107	Mercury	1	0.02385	0.02385
10909	68107	Mercury	1	0.0715	0.0715
10914	68107	Mercury	1	0.126	0.126
10920	68107	Mercury	1	0.0595	0.0595
10925	68107	Mercury	1	0.195	0.195
10931	68107	Mercury	1	0.06	0.06
10938	68107	Mercury	1	0.349	0.349
10944	68107	Mercury	1	0.078	0.078
10947	68107	Mercury	1	0.0533	0.0533
10950	68107	Mercury	1	0.05	0.05
10965	68107	Mercury	1	0.23	0.23
10970	68107	Mercury	1	0.0885	0.0885
10990	68107	Mercury	1	0.0841	0.0841
10991	68107	Mercury	1	0.059	0.059
11036	68107	Mercury	1	0.227	0.227
11069	68107	Mercury	1	0.085	0.085
11070	68107	Mercury	1	0.05	0.05
11082	68107	Mercury	1	0.094	0.094
11094	68107	Mercury	1	0.0715	0.0715
11107	68107	Mercury	1	0.05	0.05
11118	68107	Mercury	1	0.05	0.05
11142	68107	Mercury	1	0.193	0.193
11155	68107	Mercury	1	0.02385	0.02385
11172	68107	Mercury	1	0.05	0.05
11179	68107	Mercury	1	0.207	0.207
11191	68107	Mercury	1	0.0545	0.0545
11194	68107	Mercury	1	0.0327	0.0327
11203	68107	Mercury	1	0.189	0.189
11208	68107	Mercury	1	0.162	0.162
11222	68107	Mercury	1	0.279	0.279
11230	68107	Mercury	1	0.0605	0.0605
11232	68107	Mercury	1	0.02385	0.02385
11233	68107	Mercury	1	0.05	0.05
11246	68107	Mercury	1	0.123	0.123
11258	68107	Mercury	1	0.142	0.142
11268	68107	Mercury	1	0.0399	0.0399
11272	68107	Mercury	1	0.056	0.056
11283	68107	Mercury	1	0.118	0.118
11303	68107	Mercury	1	0.147	0.147
11309	68107	Mercury	1	0.0711	0.0711
11312	68107	Mercury	1	0.05	0.05
11321	68107	Mercury	1	0.208	0.208
11343	68107	Mercury	1	0.374	0.374
11349	68107	Mercury	1	1.36	1.36

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11367	68107	Mercury	1	0.06	0.06
11372	68107	Mercury	1	0.153	0.153
11385	68107	Mercury	1	0.209	0.209
11387	68107	Mercury	1	0.05	0.05
11400	68107	Mercury	1	0.131	0.131
11403	68107	Mercury	1	0.0493	0.0493
11408	68107	Mercury	1	0.0585	0.0585
11410	68107	Mercury	1	0.123	0.123
11416	68107	Mercury	1	0.514	0.514
11423	68107	Mercury	1	0.045	0.045
11439	68107	Mercury	1	0.118	0.118
11444	68107	Mercury	1	12.3	12.3
11449	68107	Mercury	1	0.0604	0.0604
11465	68107	Mercury	1	0.261	0.261
11469	68107	Mercury	1	0.12	0.12
11491	68107	Mercury	1	0.0555	0.0555
11494	68107	Mercury	1	0.282	0.282
11523	68107	Mercury	1	0.0502	0.0502
11552	68107	Mercury	1	0.0895	0.0895
11558	68107	Mercury	1	0.05	0.05
11568	68107	Mercury	1	0.0734	0.0734
11599	68107	Mercury	1	0.05	0.05
11601	68107	Mercury	1	0.119	0.119
11603	68107	Mercury	1	0.0696	0.0696
11604	68107	Mercury	1	0.136	0.136
11609	68107	Mercury	1	0.076	0.076
11614	68107	Mercury	1	0.152	0.152
11661	68107	Mercury	1	0.0351	0.0351
11686	68107	Mercury	1	0.05	0.05
11711	68107	Mercury	1	0.122	0.122
11741	68107	Mercury	1	0.0741	0.0741
11754	68107	Mercury	1	0.107	0.107
11765	68107	Mercury	1	0.05	0.05
11777	68107	Mercury	1	0.06	0.06
11807	68107	Mercury	1	0.262	0.262
11829	68107	Mercury	1	0.194	0.194
11842	68107	Mercury	1	0.054	0.054
11865	68107	Mercury	1	0.05	0.05
11894	68107	Mercury	1	0.0535	0.0535
11902	68107	Mercury	1	0.0512	0.0512
11910	68107	Mercury	1	0.02385	0.02385
11941	68107	Mercury	1	0.134	0.134
11960	68107	Mercury	1	0.0517	0.0517
11982	68107	Mercury	1	0.089	0.089
12002	68107	Mercury	1	0.079	0.079
12009	68107	Mercury	1	0.0777	0.0777
12012	68107	Mercury	1	0.0809	0.0809

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12037	68107	Mercury	1	0.289	0.289
12047	68107	Mercury	1	0.0524	0.0524
12086	68107	Mercury	1	0.734	0.734
12114	68107	Mercury	1	0.0534	0.0534
12116	68107	Mercury	1	0.062	0.062
12118	68107	Mercury	1	0.082	0.082
12124	68107	Mercury	1	0.0585	0.0585
12126	68107	Mercury	1	0.0535	0.0535
12152	68107	Mercury	1	0.05	0.05
12166	68107	Mercury	1	0.142	0.142
12194	68107	Mercury	1	0.245	0.245
12206	68107	Mercury	1	0.052	0.052
12220	68107	Mercury	1	0.0545	0.0545
12227	68107	Mercury	2	0.0923	0.0949
12239	68107	Mercury	1	0.115	0.115
12290	68107	Mercury	1	0.224	0.224
12296	68107	Mercury	1	0.239	0.239
12338	68107	Mercury	1	0.0637	0.0637
12344	68107	Mercury	1	0.0705	0.0705
12351	68107	Mercury	1	0.095	0.095
12372	68107	Mercury	1	0.0917	0.0917
12388	68107	Mercury	1	0.058	0.058
12407	68107	Mercury	1	0.0581	0.0581
12410	68107	Mercury	1	0.107	0.107
12414	68107	Mercury	1	0.145	0.145
12424	68107	Mercury	1	0.0934	0.0934
12439	68107	Mercury	1	0.227	0.227
12449	68107	Mercury	1	0.296	0.296
12457	68107	Mercury	1	0.145	0.145
12506	68107	Mercury	1	0.123	0.123
12514	68107	Mercury	1	0.0365	0.0365
12529	68107	Mercury	1	0.254	0.254
12530	68107	Mercury	1	0.136	0.136
12547	68107	Mercury	1	0.0472	0.0472
12551	68107	Mercury	1	0.05	0.05
12567	68107	Mercury	1	0.0537	0.0537
12572	68107	Mercury	1	0.36	0.36
12588	68107	Mercury	1	0.158	0.158
12590	68107	Mercury	1	0.055	0.055
12605	68107	Mercury	1	0.0545	0.0545
12644	68107	Mercury	1	0.838	0.838
12667	68107	Mercury	1	0.102	0.102
12714	68107	Mercury	1	0.056	0.056
12729	68107	Mercury	1	0.062	0.062
12741	68107	Mercury	1	0.0816	0.0816
12755	68107	Mercury	1	0.055	0.055
12761	68107	Mercury	1	0.061	0.061

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12794	68107	Mercury	1	0.129	0.129
12830	68107	Mercury	1	0.0525	0.0525
12848	68107	Mercury	1	0.0565	0.0565
12858	68107	Mercury	1	0.059	0.059
12871	68107	Mercury	1	0.174	0.174
13038	68107	Mercury	1	0.166	0.166
13045	68107	Mercury	1	0.0605	0.0605
43676	68107	Mercury	1	0.02385	0.02385
43691	68107	Mercury	1	0.05	0.05
43698	68107	Mercury	1	0.056	0.056
43703	68107	Mercury	1	0.05	0.05
43711	68107	Mercury	1	0.0595	0.0595
43729	68107	Mercury	1	0.187	0.187
43736	68107	Mercury	1	0.0854	0.0854
43744	68107	Mercury	1	0.0575	0.0575
43746	68107	Mercury	1	0.177	0.177
43771	68107	Mercury	1	0.061	0.061
43790	68107	Mercury	1	0.06	0.06
43793	68107	Mercury	1	0.0832	0.0832
43800	68107	Mercury	1	0.0489	0.0489
43813	68107	Mercury	1	0.0595	0.0595
43843	68107	Mercury	1	0.0484	0.0484
43853	68107	Mercury	1	0.0545	0.0545
43869	68107	Mercury	1	0.0355	0.0355
43874	68107	Mercury	1	0.0545	0.0545
43892	68107	Mercury	1	0.061	0.061
43912	68107	Mercury	1	0.052	0.052
43933	68107	Mercury	1	0.064	0.064
43942	68107	Mercury	1	0.054	0.054
43945	68107	Mercury	1	0.0535	0.0535
43949	68107	Mercury	1	0.082	0.082
43962	68107	Mercury	1	0.1065	0.1065
43978	68107	Mercury	1	0.433	0.433
44002	68107	Mercury	1	0.0515	0.0515
44025	68107	Mercury	1	0.053	0.053
44037	68107	Mercury	1	0.056	0.056
44047	68107	Mercury	1	0.058	0.058
44063	68107	Mercury	1	0.06	0.06
44066	68107	Mercury	1	0.02385	0.02385
44076	68107	Mercury	1	0.053	0.053
44104	68107	Mercury	1	0.0693	0.0693
44107	68107	Mercury	1	0.175	0.175
44112	68107	Mercury	1	0.053	0.053
44127	68107	Mercury	1	0.171	0.171
44130	68107	Mercury	1	0.096	0.096
44133	68107	Mercury	1	0.0678	0.0678
44137	68107	Mercury	1	0.0816	0.0816

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44145	68107	Mercury	1	0.177	0.177
44153	68107	Mercury	1	0.307	0.307
44157	68107	Mercury	1	0.0605	0.0605
44177	68107	Mercury	1	0.0605	0.0605
44184	68107	Mercury	1	0.075	0.075
44185	68107	Mercury	1	0.227	0.227
44198	68107	Mercury	1	0.0976	0.0976
44202	68107	Mercury	1	0.0487	0.0487
44220	68107	Mercury	1	0.0575	0.0575
44225	68107	Mercury	1	0.0475	0.0475
44233	68107	Mercury	1	0.0535	0.0535
44236	68107	Mercury	1	0.0115	0.0115
44237	68107	Mercury	1	0.0555	0.0555
44248	68107	Mercury	1	0.0359	0.0359
44299	68107	Mercury	1	0.612	0.612
44319	68107	Mercury	1	0.15	0.15
44348	68107	Mercury	1	0.055	0.055
44416	68107	Mercury	1	0.636	0.636
44446	68107	Mercury	1	0.391	0.391
44452	68107	Mercury	1	0.0565	0.0565
44455	68107	Mercury	1	0.326	0.326
44456	68107	Mercury	1	0.484	0.484
44465	68107	Mercury	1	0.0595	0.0595
44475	68107	Mercury	1	0.132	0.132
44482	68107	Mercury	1	0.147	0.147
44483	68107	Mercury	1	0.173	0.173
44490	68107	Mercury	1	0.134	0.134
44503	68107	Mercury	1	0.172	0.172
44507	68107	Mercury	1	0.288	0.288
44508	68107	Mercury	1	0.0487	0.0487
44519	68107	Mercury	1	0.138	0.138
44526	68107	Mercury	1	0.479	0.479
44528	68107	Mercury	1	0.163	0.163
44529	68107	Mercury	1	0.055	0.055
44531	68107	Mercury	1	0.105	0.105
44536	68107	Mercury	1	0.0616	0.0616
44539	68107	Mercury	1	0.0541	0.0541
44546	68107	Mercury	1	0.059	0.059
44549	68107	Mercury	1	0.14	0.14
44556	68107	Mercury	1	0.05	0.05
44567	68107	Mercury	1	0.0535	0.0535
44578	68107	Mercury	1	0.0725	0.0725
44581	68107	Mercury	1	0.0565	0.0565
44589	68107	Mercury	1	0.084	0.084
44590	68107	Mercury	1	0.0955	0.0955
44592	68107	Mercury	1	0.299	0.299
44597	68107	Mercury	1	0.0613	0.0613

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44617	68107	Mercury	1	0.0699	0.0699
44619	68107	Mercury	1	0.08	0.08
44623	68107	Mercury	1	0.129	0.129
44626	68107	Mercury	1	0.223	0.223
44636	68107	Mercury	1	0.0823	0.0823
44640	68107	Mercury	1	0.056	0.056
44644	68107	Mercury	1	0.053	0.053
44668	68107	Mercury	1	0.053	0.053
44700	68107	Mercury	1	0.297	0.297
44711	68107	Mercury	1	21.2	21.2
44725	68107	Mercury	1	0.0838	0.0838
44727	68107	Mercury	1	0.0605	0.0605
44738	68107	Mercury	1	0.0625	0.0625
44740	68107	Mercury	1	6.59	6.59
44741	68107	Mercury	1	0.0981	0.0981
44747	68107	Mercury	1	8.35	8.35
44753	68107	Mercury	1	0.057	0.057
44755	68107	Mercury	1	0.096	0.096
44756	68107	Mercury	1	0.0685	0.0685
44768	68107	Mercury	1	0.261	0.261
44790	68107	Mercury	1	0.055	0.055
44798	68107	Mercury	1	0.141	0.141
44810	68107	Mercury	1	0.0525	0.0525
44814	68107	Mercury	1	0.0675	0.0675
44822	68107	Mercury	1	0.05	0.05
44854	68107	Mercury	1	0.053	0.053
44857	68107	Mercury	1	0.347	0.347
44869	68107	Mercury	1	0.062	0.062
44877	68107	Mercury	1	0.197	0.197
44902	68107	Mercury	1	0.0585	0.0585
44923	68107	Mercury	1	0.0732	0.0732
44927	68107	Mercury	1	0.056	0.056
44935	68107	Mercury	1	0.056	0.056
44939	68107	Mercury	1	0.0535	0.0535
44943	68107	Mercury	1	0.0545	0.0545
44955	68107	Mercury	1	0.0525	0.0525
44959	68107	Mercury	1	0.0595	0.0595
44969	68107	Mercury	1	0.0825	0.0825
44979	68107	Mercury	1	0.0575	0.0575
44980	68107	Mercury	1	0.0915	0.0915
44984	68107	Mercury	1	0.0584	0.0584
44987	68107	Mercury	1	0.087	0.087
44996	68107	Mercury	1	0.057	0.057
45004	68107	Mercury	1	0.057	0.057
45005	68107	Mercury	1	0.232	0.232
45018	68107	Mercury	1	0.0535	0.0535
45020	68107	Mercury	1	0.324	0.324

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45023	68107	Mercury	1	0.061	0.061
45034	68107	Mercury	1	0.0605	0.0605
45044	68107	Mercury	1	0.05	0.05
45056	68107	Mercury	1	0.0998	0.0998
45072	68107	Mercury	1	0.096	0.096
45073	68107	Mercury	1	0.184	0.184
45077	68107	Mercury	1	0.0217	0.0217
45078	68107	Mercury	1	0.185	0.185
45084	68107	Mercury	1	0.0545	0.0545
45118	68107	Mercury	1	0.056	0.056
45147	68107	Mercury	1	0.0885	0.0885
45150	68107	Mercury	1	0.103	0.103
45156	68107	Mercury	1	0.05	0.05
45166	68107	Mercury	1	0.0555	0.0555
45167	68107	Mercury	1	0.088	0.088
45183	68107	Mercury	1	0.0921	0.0921
45188	68107	Mercury	1	0.05	0.05
45195	68107	Mercury	1	0.168	0.168
45199	68107	Mercury	1	0.05	0.05
45206	68107	Mercury	1	1.51	1.51
45213	68107	Mercury	1	0.0545	0.0545
45223	68107	Mercury	1	0.15	0.15
45227	68107	Mercury	1	0.754	0.754
45236	68107	Mercury	1	0.0848	0.0848
45244	68107	Mercury	1	0.185	0.185
45259	68107	Mercury	1	0.144	0.144
45265	68107	Mercury	1	0.053	0.053
45269	68107	Mercury	1	0.265	0.265
45298	68107	Mercury	1	0.0635	0.0635
45300	68107	Mercury	1	0.21	0.21
45303	68107	Mercury	1	0.05	0.05
45304	68107	Mercury	1	0.23	0.23
45305	68107	Mercury	1	0.0535	0.0535
45321	68107	Mercury	1	0.05	0.05
45343	68107	Mercury	1	0.0535	0.0535
45350	68107	Mercury	1	0.05	0.05
45356	68107	Mercury	1	0.052	0.052
45364	68107	Mercury	1	0.05	0.05
45370	68107	Mercury	1	0.0585	0.0585
45390	68107	Mercury	1	0.052	0.052
45393	68107	Mercury	1	0.0653	0.0653
45404	68107	Mercury	1	0.0818	0.0818
45411	68107	Mercury	1	0.05	0.05
45423	68107	Mercury	1	0.05	0.05
45424	68107	Mercury	1	0.184	0.184
45447	68107	Mercury	1	0.054	0.054
45458	68107	Mercury	1	0.05	0.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45460	68107	Mercury	1	0.114	0.114
45475	68107	Mercury	1	0.423	0.423
45484	68107	Mercury	1	0.0619	0.0619
45487	68107	Mercury	1	0.192	0.192
45494	68107	Mercury	1	0.0575	0.0575
45495	68107	Mercury	1	0.0585	0.0585
45503	68107	Mercury	1	0.0525	0.0525
45530	68107	Mercury	1	0.0515	0.0515
45533	68107	Mercury	1	0.116	0.116
45564	68107	Mercury	1	0.313	0.313
45566	68107	Mercury	1	0.05	0.05
45574	68107	Mercury	1	0.052	0.052
45584	68107	Mercury	1	0.0575	0.0575
45608	68107	Mercury	1	0.05	0.05
45609	68107	Mercury	1	0.05	0.05
45624	68107	Mercury	1	0.0447	0.0447
45626	68107	Mercury	1	0.049	0.049
45645	68107	Mercury	1	0.258	0.258
45646	68107	Mercury	1	0.05	0.05
45648	68107	Mercury	1	0.05	0.05
45662	68107	Mercury	1	0.222	0.222
45663	68107	Mercury	1	0.316	0.316
45678	68107	Mercury	1	0.05	0.05
45698	68107	Mercury	1	0.062	0.062
45724	68107	Mercury	1	0.063	0.063
45725	68107	Mercury	1	0.05	0.05
45728	68107	Mercury	1	0.05	0.05
45739	68107	Mercury	1	0.0409	0.0409
45741	68107	Mercury	1	0.079	0.079
45747	68107	Mercury	1	0.057	0.057
45764	68107	Mercury	1	0.063	0.063
45767	68107	Mercury	1	0.0328	0.0328
45770	68107	Mercury	1	0.056	0.056
45786	68107	Mercury	1	0.0515	0.0515
45787	68107	Mercury	1	0.053	0.053
45789	68107	Mercury	1	0.131	0.131
45811	68107	Mercury	1	0.059	0.059
45822	68107	Mercury	1	0.0485	0.0485
45837	68107	Mercury	1	0.0545	0.0545
45840	68107	Mercury	1	0.459	0.459
45849	68107	Mercury	1	0.136	0.136
45854	68107	Mercury	1	0.063	0.063
45883	68107	Mercury	1	0.05	0.05
45906	68107	Mercury	1	0.0575	0.0575
45921	68107	Mercury	1	0.0221	0.0221
45923	68107	Mercury	1	0.062	0.062
45927	68107	Mercury	1	0.05	0.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45955	68107	Mercury	1	0.057	0.057
45970	68107	Mercury	1	0.05	0.05
45984	68107	Mercury	1	0.0585	0.0585
45988	68107	Mercury	1	0.05	0.05
45999	68107	Mercury	1	0.053	0.053
46035	68107	Mercury	1	0.069	0.069
46049	68107	Mercury	1	0.0352	0.0352
46050	68107	Mercury	1	0.062	0.062
46052	68107	Mercury	1	0.144	0.144
46071	68107	Mercury	1	1.54	1.54
46073	68107	Mercury	1	0.124	0.124
46091	68107	Mercury	1	0.0585	0.0585
46103	68107	Mercury	1	0.05	0.05
46107	68107	Mercury	1	0.244	0.244
46118	68107	Mercury	1	0.233	0.233
46122	68107	Mercury	1	0.0666	0.0666
46127	68107	Mercury	1	0.05	0.05
46133	68107	Mercury	1	0.055	0.055
46145	68107	Mercury	1	0.0525	0.0525
46150	68107	Mercury	1	0.057	0.057
46164	68107	Mercury	1	0.0678	0.0678
46168	68107	Mercury	1	0.135	0.135
46180	68107	Mercury	1	0.247	0.247
46187	68107	Mercury	1	0.058	0.058
46210	68107	Mercury	1	0.157	0.157
46214	68107	Mercury	1	0.0492	0.0492
46241	68107	Mercury	1	0.053	0.053
46247	68107	Mercury	1	0.0728	0.0728
46260	68107	Mercury	1	1.5	1.5
46279	68107	Mercury	1	0.0639	0.0639
46297	68107	Mercury	1	0.188	0.188
46346	68107	Mercury	1	0.05	0.05
46347	68107	Mercury	1	0.0898	0.0898
46363	68107	Mercury	1	0.169	0.169
46368	68107	Mercury	1	0.055	0.055
46380	68107	Mercury	1	0.058	0.058
46399	68107	Mercury	1	0.127	0.127
46423	68107	Mercury	1	1.79	1.79
46432	68107	Mercury	1	0.202	0.202
46448	68107	Mercury	1	0.0514	0.0514
46461	68107	Mercury	1	0.05	0.05
46469	68107	Mercury	1	0.058	0.058
46472	68107	Mercury	1	0.0565	0.0565
46473	68107	Mercury	1	0.059	0.059
46474	68107	Mercury	1	0.405	0.405
46478	68107	Mercury	1	0.124	0.124
46490	68107	Mercury	1	0.057	0.057

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46493	68107	Mercury	1	0.0258	0.0258
46494	68107	Mercury	1	0.318	0.318
46498	68107	Mercury	1	0.0747	0.0747
46505	68107	Mercury	1	0.211	0.211
46509	68107	Mercury	1	0.107	0.107
46527	68107	Mercury	1	0.054	0.054
46566	68107	Mercury	1	0.0575	0.0575
46579	68107	Mercury	1	0.388	0.388
46583	68107	Mercury	1	0.302	0.302
46610	68107	Mercury	1	0.0899	0.0899
46626	68107	Mercury	1	0.075	0.075
46628	68107	Mercury	1	0.05	0.05
46637	68107	Mercury	1	0.0787	0.0787
46655	68107	Mercury	1	0.0545	0.0545
46662	68107	Mercury	1	0.0545	0.0545
46664	68107	Mercury	1	0.0525	0.0525
46672	68107	Mercury	1	0.0995	0.0995
46673	68107	Mercury	1	0.118	0.118
46683	68107	Mercury	1	0.0875	0.0875
46698	68107	Mercury	1	0.088	0.088
46699	68107	Mercury	1	0.05	0.05
46708	68107	Mercury	1	3.11	3.11
46712	68107	Mercury	1	0.269	0.269
46725	68107	Mercury	1	0.198	0.198
46727	68107	Mercury	1	0.12	0.12
46731	68107	Mercury	1	0.165	0.165
46743	68107	Mercury	1	0.062	0.062
46763	68107	Mercury	1	0.26	0.26
46764	68107	Mercury	1	0.0535	0.0535
46772	68107	Mercury	1	0.785	0.785
46776	68107	Mercury	1	0.0575	0.0575
46792	68107	Mercury	1	0.0845	0.0845
46794	68107	Mercury	1	0.047	0.047
46805	68107	Mercury	1	0.706	0.706
46808	68107	Mercury	1	0.177	0.177
46815	68107	Mercury	1	0.69	0.69
46835	68107	Mercury	1	0.0505	0.0505
46852	68107	Mercury	1	0.306	0.306
46857	68107	Mercury	1	0.05	0.05
46864	68107	Mercury	1	0.05	0.05
46867	68107	Mercury	1	0.0847	0.0847
46893	68107	Mercury	1	0.199	0.199
46916	68107	Mercury	1	0.05	0.05
46919	68107	Mercury	1	0.05	0.05
46934	68107	Mercury	1	0.277	0.277
46954	68107	Mercury	1	0.455	0.455
46964	68107	Mercury	1	0.0772	0.0772

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46976	68107	Mercury	1	0.0585	0.0585
46994	68107	Mercury	1	0.102	0.102
46998	68107	Mercury	1	0.059	0.059
47021	68107	Mercury	1	0.343	0.343
47030	68107	Mercury	1	3.33	3.33
47038	68107	Mercury	1	0.1315	0.1315
47046	68107	Mercury	1	0.321	0.321
47047	68107	Mercury	1	0.908	0.908
47052	68107	Mercury	1	0.108	0.108
47058	68107	Mercury	1	1.67	1.67
47088	68107	Mercury	1	0.406	0.406
47090	68107	Mercury	1	0.0543	0.0543
47106	68107	Mercury	1	6.64	6.64
47139	68107	Mercury	1	0.053	0.053
47140	68107	Mercury	1	0.133	0.133
47147	68107	Mercury	1	0.266	0.266
47148	68107	Mercury	1	0.358	0.358
47149	68107	Mercury	1	0.0772	0.0772
47163	68107	Mercury	1	0.139	0.139
47172	68107	Mercury	1	0.15	0.15
47179	68107	Mercury	1	0.132	0.132
47181	68107	Mercury	1	0.194	0.194
47196	68107	Mercury	1	0.18	0.18
47203	68107	Mercury	1	0.0675	0.0675
47206	68107	Mercury	1	0.0434	0.0434
47215	68107	Mercury	1	0.138	0.138
47216	68107	Mercury	1	0.0703	0.0703
47217	68107	Mercury	1	0.234	0.234
47218	68107	Mercury	1	0.174	0.174
47223	68107	Mercury	1	0.063	0.063
47249	68107	Mercury	1	0.0633	0.0633
47250	68107	Mercury	1	0.0665	0.0665
47259	68107	Mercury	1	0.103	0.103
47274	68107	Mercury	1	0.079	0.079
47275	68107	Mercury	1	0.049	0.049
47279	68107	Mercury	1	0.1	0.1
47291	68107	Mercury	1	0.66	0.66
47293	68107	Mercury	1	0.065	0.065
47296	68107	Mercury	1	0.208	0.208
47311	68107	Mercury	1	0.0203	0.0203
47312	68107	Mercury	1	0.0525	0.0525
47315	68107	Mercury	1	0.091	0.091
47320	68107	Mercury	1	0.05	0.05
47322	68107	Mercury	1	0.185	0.185
47338	68107	Mercury	1	0.188	0.188
47339	68107	Mercury	1	0.051	0.051
47356	68107	Mercury	1	0.064	0.064

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47368	68107	Mercury	1	0.129	0.129
47380	68107	Mercury	1	0.059	0.059
47382	68107	Mercury	1	0.0529	0.0529
47385	68107	Mercury	1	0.0545	0.0545
47390	68107	Mercury	1	0.084	0.084
47417	68107	Mercury	1	0.057	0.057
47421	68107	Mercury	1	0.0841	0.0841
47424	68107	Mercury	1	0.125	0.125
47425	68107	Mercury	1	0.0535	0.0535
47440	68107	Mercury	1	0.131	0.131
47452	68107	Mercury	1	0.078	0.078
47475	68107	Mercury	1	0.0775	0.0775
47485	68107	Mercury	1	0.08	0.08
47511	68107	Mercury	1	0.0905	0.0905
47514	68107	Mercury	1	0.0605	0.0605
47518	68107	Mercury	1	0.071	0.071
47526	68107	Mercury	1	0.2	0.2
47544	68107	Mercury	1	0.539	0.539
47553	68107	Mercury	1	0.05	0.05
47565	68107	Mercury	1	0.059	0.059
47566	68107	Mercury	1	0.116	0.116
47604	68107	Mercury	1	0.05	0.05
47610	68107	Mercury	1	0.0715	0.0715
47617	68107	Mercury	1	0.155	0.155
47621	68107	Mercury	1	0.473	0.473
47627	68107	Mercury	1	0.049	0.049
47649	68107	Mercury	1	0.198	0.198
47656	68107	Mercury	1	0.064	0.064
47670	68107	Mercury	1	0.215	0.215
47681	68107	Mercury	1	0.242	0.242
47706	68107	Mercury	1	0.056	0.056
47708	68107	Mercury	1	0.0525	0.0525
47761	68107	Mercury	1	0.191	0.191
47768	68107	Mercury	1	0.357	0.357
47783	68107	Mercury	1	0.337	0.337
47795	68107	Mercury	1	0.0555	0.0555
47797	68107	Mercury	1	0.335	0.335
47811	68107	Mercury	1	0.194	0.194
47813	68107	Mercury	1	0.108	0.108
47816	68107	Mercury	1	0.091	0.091
47820	68107	Mercury	1	0.053	0.053
47838	68107	Mercury	1	2.18	2.18
47841	68107	Mercury	1	0.0902	0.0902
47860	68107	Mercury	1	0.125	0.125
47867	68107	Mercury	1	0.267	0.267
47886	68107	Mercury	1	0.7	0.7
47895	68107	Mercury	1	0.203	0.203

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47924	68107	Mercury	1	0.0869	0.0869
47930	68107	Mercury	1	0.306	0.306
47934	68107	Mercury	1	0.231	0.231
47939	68107	Mercury	1	0.426	0.426
47952	68107	Mercury	1	0.183	0.183
47966	68107	Mercury	1	0.0845	0.0845
47969	68107	Mercury	1	0.1445	0.1445
48003	68107	Mercury	1	0.086	0.086
48006	68107	Mercury	1	0.473	0.473
48014	68107	Mercury	1	0.071	0.071
48016	68107	Mercury	1	0.057	0.057
48018	68107	Mercury	1	0.0753	0.0753
48036	68107	Mercury	1	0.052	0.052
48043	68107	Mercury	1	0.085	0.085
48048	68107	Mercury	1	0.105	0.105
48056	68107	Mercury	1	0.131	0.131
48092	68107	Mercury	1	0.129	0.129
48116	68107	Mercury	1	0.0865	0.0865
48118	68107	Mercury	1	0.005	0.005
48120	68107	Mercury	1	0.0698	0.0698
48135	68107	Mercury	1	0.636	0.636
48141	68107	Mercury	1	0.0659	0.0659
48150	68107	Mercury	1	0.136	0.136
48167	68107	Mercury	1	0.304	0.304
48232	68107	Mercury	1	0.087	0.087
48245	68107	Mercury	1	0.797	0.797
48261	68107	Mercury	1	0.056	0.056
48271	68107	Mercury	1	0.0761	0.0761
48292	68107	Mercury	1	0.151	0.151
48308	68107	Mercury	1	0.259	0.259
48327	68107	Mercury	1	0.1125	0.1125
48334	68107	Mercury	1	0.214	0.214
48341	68107	Mercury	1	0.052	0.052
48359	68107	Mercury	1	0.0841	0.0841
48367	68107	Mercury	1	0.116	0.116
48368	68107	Mercury	1	0.135	0.135
48380	68107	Mercury	1	0.0713	0.0713
48416	68107	Mercury	1	0.0697	0.0697
48418	68107	Mercury	1	0.06	0.06
48434	68107	Mercury	1	0.05	0.05
48494	68107	Mercury	1	0.123	0.123
48495	68107	Mercury	1	0.05	0.05
48508	68107	Mercury	1	0.053	0.053
48510	68107	Mercury	1	0.0273	0.0273
48525	68107	Mercury	1	0.169	0.169
48547	68107	Mercury	1	0.1145	0.1145
48553	68107	Mercury	1	0.0555	0.0555

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48578	68107	Mercury	1	0.933	0.933
48583	68107	Mercury	1	0.095	0.095
48589	68107	Mercury	1	0.346	0.346
48593	68107	Mercury	1	0.0605	0.0605
48596	68107	Mercury	1	0.057	0.057
48620	68107	Mercury	1	0.0575	0.0575
48636	68107	Mercury	1	0.117	0.117
48639	68107	Mercury	1	0.0455	0.0455
48641	68107	Mercury	1	0.0583	0.0583
48654	68107	Mercury	1	0.0848	0.0848
48661	68107	Mercury	1	11.5	11.5
48668	68107	Mercury	1	0.0755	0.0755
48674	68107	Mercury	1	0.066	0.066
48685	68107	Mercury	1	0.06	0.06
48694	68107	Mercury	1	0.052	0.052
48708	68107	Mercury	1	0.05	0.05
48715	68107	Mercury	1	0.247	0.247
48721	68107	Mercury	1	0.1805	0.1805
48733	68107	Mercury	1	0.105	0.105
48736	68107	Mercury	1	0.277	0.277
48747	68107	Mercury	1	0.05	0.05
48768	68107	Mercury	1	0.0622	0.0622
48798	68107	Mercury	1	0.143	0.143
48815	68107	Mercury	1	0.0951	0.0951
48821	68107	Mercury	1	0.148	0.148
48836	68107	Mercury	1	0.241	0.241
48846	68107	Mercury	1	0.05	0.05
48855	68107	Mercury	1	0.207	0.207
48871	68107	Mercury	1	0.054	0.054
48886	68107	Mercury	1	0.186	0.186
48900	68107	Mercury	1	6.16	6.16
48904	68107	Mercury	1	0.115	0.115
48944	68107	Mercury	1	0.0575	0.0575
48952	68107	Mercury	1	0.453	0.453
48963	68107	Mercury	1	0.315	0.315
48973	68107	Mercury	1	0.271	0.271
48975	68107	Mercury	1	0.136	0.136
48977	68107	Mercury	1	0.05	0.05
48999	68107	Mercury	1	0.056	0.056
49012	68107	Mercury	1	0.05	0.05
49036	68107	Mercury	1	0.058	0.058
49070	68107	Mercury	1	0.05	0.05
49081	68107	Mercury	1	0.0665	0.0665
49082	68107	Mercury	1	0.0835	0.0835
49085	68107	Mercury	1	0.0515	0.0515
49098	68107	Mercury	1	0.118	0.118
49117	68107	Mercury	1	0.061	0.061

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49126	68107	Mercury	1	0.117	0.117
49167	68107	Mercury	1	3.07	3.07
49208	68107	Mercury	1	0.112	0.112
49239	68107	Mercury	1	0.0937	0.0937
49249	68107	Mercury	1	0.058	0.058
49371	68107	Mercury	1	0.109	0.109
49383	68107	Mercury	1	0.058	0.058
49395	68107	Mercury	1	0.05	0.05
49404	68107	Mercury	1	0.0995	0.0995
49435	68107	Mercury	1	0.057	0.057
49439	68107	Mercury	1	0.058	0.058
49441	68107	Mercury	1	0.0605	0.0605
49444	68107	Mercury	1	0.0545	0.0545
50137	68107	Mercury	1	0.099	0.099
50139	68107	Mercury	1	0.052	0.052
50140	68107	Mercury	1	0.098	0.098
50141	68107	Mercury	1	0.07	0.07
50144	68107	Mercury	1	0.068	0.068
50158	68107	Mercury	1	0.087	0.087
50185	68107	Mercury	1	0.093	0.093
50191	68107	Mercury	1	0.059	0.059
50192	68107	Mercury	1	0.054	0.054
50193	68107	Mercury	1	0.067	0.067
50214	68107	Mercury	1	0.074	0.074
50243	68107	Mercury	1	0.1	0.1
50244	68107	Mercury	1	0.05	0.05
50246	68107	Mercury	1	0.097	0.097
50249	68107	Mercury	1	0.06	0.06
50276	68107	Mercury	1	0.092	0.092
50284	68107	Mercury	1	0.07	0.07
50286	68107	Mercury	1	0.028	0.028
50292	68107	Mercury	1	0.06	0.06
50293	68107	Mercury	1	0.084	0.084
50294	68107	Mercury	1	0.03	0.03
50299	68107	Mercury	1	0.042	0.042
50300	68107	Mercury	1	0.072	0.072
50313	68107	Mercury	1	0.065	0.065
50325	68107	Mercury	1	0.057	0.057
50326	68107	Mercury	1	0.153	0.153
50335	68107	Mercury	1	0.077	0.077
50359	68107	Mercury	1	0.091	0.091
50360	68107	Mercury	1	0.103	0.103
50361	68107	Mercury	1	0.127	0.127
50362	68107	Mercury	1	0.077	0.077
50537	68107	Mercury	1	0.169	0.169
76891	68107	Mercury	1	0.0696	0.0696
89377	68107	Mercury	1	0.154	0.154

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
89408	68107	Mercury	1	0.157	0.157
2518	68108	Mercury	1	1.21	1.21
2521	68108	Mercury	1	0.0469	0.0469
2522	68108	Mercury	1	0.176	0.176
2527	68108	Mercury	1	0.45	0.45
2532	68108	Mercury	1	0.128	0.128
12816	68108	Mercury	1	0.108	0.108
12859	68108	Mercury	1	0.147	0.147
12926	68108	Mercury	1	0.0699	0.0699
12947	68108	Mercury	1	0.055	0.055
13102	68108	Mercury	1	0.12	0.12
13164	68108	Mercury	1	0.794	0.794
13184	68108	Mercury	1	0.134	0.134
13189	68108	Mercury	1	0.107	0.107
13239	68108	Mercury	1	0.06	0.06
13267	68108	Mercury	1	0.223	0.223
13436	68108	Mercury	1	0.058	0.058
13485	68108	Mercury	1	0.0528	0.0528
13529	68108	Mercury	1	0.198	0.198
13530	68108	Mercury	1	0.054	0.054
13536	68108	Mercury	1	0.682	0.682
13575	68108	Mercury	1	0.141	0.141
13645	68108	Mercury	1	0.0991	0.0991
13661	68108	Mercury	1	0.065	0.065
13674	68108	Mercury	1	0.147	0.147
13675	68108	Mercury	1	0.0628	0.0628
13760	68108	Mercury	1	0.088	0.088
13773	68108	Mercury	1	0.0575	0.0575
13795	68108	Mercury	1	0.22	0.22
13941	68108	Mercury	1	0.0798	0.0798
14043	68108	Mercury	1	0.056	0.056
14076	68108	Mercury	1	0.053	0.053
14079	68108	Mercury	1	0.0525	0.0525
14130	68108	Mercury	1	0.233	0.233
14140	68108	Mercury	1	0.0816	0.0816
14203	68108	Mercury	1	0.0448	0.0448
14270	68108	Mercury	1	0.0565	0.0565
14279	68108	Mercury	1	0.062	0.062
14290	68108	Mercury	1	1.08	1.08
14438	68108	Mercury	1	0.117	0.117
14449	68108	Mercury	1	0.144	0.144
14481	68108	Mercury	1	0.157	0.157
14486	68108	Mercury	1	0.0499	0.0499
14497	68108	Mercury	1	0.647	0.647
14537	68108	Mercury	1	0.123	0.123
14545	68108	Mercury	1	0.141	0.141
14576	68108	Mercury	1	0.187	0.187

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14578	68108	Mercury	1	0.0485	0.0485
14617	68108	Mercury	1	0.12	0.12
14660	68108	Mercury	1	0.284	0.284
14692	68108	Mercury	1	0.222	0.222
14720	68108	Mercury	1	0.114	0.114
14818	68108	Mercury	1	0.167	0.167
14825	68108	Mercury	1	1.01	1.01
14849	68108	Mercury	1	0.129	0.129
14855	68108	Mercury	1	0.162	0.162
14878	68108	Mercury	1	0.0565	0.0565
14914	68108	Mercury	1	0.218	0.218
14998	68108	Mercury	1	0.0991	0.0991
15001	68108	Mercury	1	0.114	0.114
15051	68108	Mercury	1	0.292	0.292
15053	68108	Mercury	1	0.106	0.106
15116	68108	Mercury	1	0.313	0.313
15135	68108	Mercury	1	0.1295	0.1295
15248	68108	Mercury	1	0.0139	0.0139
15256	68108	Mercury	1	0.216	0.216
15266	68108	Mercury	1	0.204	0.204
15337	68108	Mercury	1	0.1355	0.1355
15443	68108	Mercury	1	0.0641	0.0641
15468	68108	Mercury	1	0.0625	0.0625
15601	68108	Mercury	1	0.175	0.175
15603	68108	Mercury	1	0.0329	0.0329
15687	68108	Mercury	1	0.148	0.148
15748	68108	Mercury	1	0.112	0.112
15768	68108	Mercury	1	0.147	0.147
15915	68108	Mercury	1	0.05	0.05
15939	68108	Mercury	1	0.0773	0.0773
15955	68108	Mercury	1	0.222	0.222
15966	68108	Mercury	1	0.3	0.3
15980	68108	Mercury	1	0.0585	0.0585
16006	68108	Mercury	1	0.0239	0.0239
16126	68108	Mercury	1	0.0493	0.0493
16135	68108	Mercury	1	0.04935	0.04935
16137	68108	Mercury	1	0.1505	0.1505
16145	68108	Mercury	1	0.056	0.056
16261	68108	Mercury	1	0.056	0.056
16267	68108	Mercury	1	0.0845	0.0845
16319	68108	Mercury	1	0.8	0.8
16349	68108	Mercury	1	0.078	0.078
16446	68108	Mercury	1	0.145	0.145
16530	68108	Mercury	1	0.128	0.128
16556	68108	Mercury	1	0.0681	0.0681
16581	68108	Mercury	1	0.104	0.104
16595	68108	Mercury	1	0.0466	0.0466

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16599	68108	Mercury	1	0.0655	0.0655
16711	68108	Mercury	1	0.219	0.219
16813	68108	Mercury	1	0.565	0.565
16973	68108	Mercury	1	0.372	0.372
17004	68108	Mercury	1	0.226	0.226
17005	68108	Mercury	1	0.0944	0.0944
17022	68108	Mercury	1	0.245	0.245
17242	68108	Mercury	1	0.328	0.328
17247	68108	Mercury	1	0.137	0.137
17282	68108	Mercury	1	0.182	0.182
17316	68108	Mercury	1	0.408	0.408
17323	68108	Mercury	1	0.048	0.048
17335	68108	Mercury	1	0.088	0.088
17360	68108	Mercury	1	0.141	0.141
17414	68108	Mercury	1	0.057	0.057
17416	68108	Mercury	1	0.38	0.38
17417	68108	Mercury	1	0.244	0.244
17418	68108	Mercury	1	0.242	0.242
17461	68108	Mercury	1	0.129	0.129
17498	68108	Mercury	1	0.053	0.053
17550	68108	Mercury	1	0.0641	0.0641
17671	68108	Mercury	1	0.436	0.436
17699	68108	Mercury	1	0.078	0.078
17700	68108	Mercury	1	0.481	0.481
17701	68108	Mercury	1	0.105	0.105
17703	68108	Mercury	1	0.0615	0.0615
17732	68108	Mercury	1	0.124	0.124
17778	68108	Mercury	1	0.251	0.251
17840	68108	Mercury	1	0.1115	0.1115
17849	68108	Mercury	1	0.119	0.119
17861	68108	Mercury	1	0.05	0.05
17864	68108	Mercury	1	0.05	0.05
17865	68108	Mercury	1	0.058	0.058
17908	68108	Mercury	1	0.29	0.29
17945	68108	Mercury	1	0.185	0.185
17963	68108	Mercury	1	0.18	0.18
17968	68108	Mercury	1	0.117	0.117
17985	68108	Mercury	1	0.0467	0.0467
18129	68108	Mercury	1	0.0755	0.0755
18148	68108	Mercury	1	0.103	0.103
18179	68108	Mercury	1	0.178	0.178
18198	68108	Mercury	1	0.261	0.261
18218	68108	Mercury	1	0.214	0.214
18222	68108	Mercury	1	0.194	0.194
18249	68108	Mercury	1	0.153	0.153
18328	68108	Mercury	1	0.154	0.154
18330	68108	Mercury	1	0.2	0.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18339	68108	Mercury	1	0.0755	0.0755
18385	68108	Mercury	1	0.349	0.349
18422	68108	Mercury	1	0.189	0.189
18435	68108	Mercury	1	0.19	0.19
18461	68108	Mercury	1	0.0705	0.0705
18486	68108	Mercury	1	0.0505	0.0505
18532	68108	Mercury	1	0.145	0.145
18547	68108	Mercury	1	0.0946	0.0946
18597	68108	Mercury	1	0.434	0.434
18634	68108	Mercury	1	0.081	0.081
18664	68108	Mercury	1	0.064	0.064
18687	68108	Mercury	1	0.105	0.105
18691	68108	Mercury	1	0.294	0.294
18697	68108	Mercury	1	0.172	0.172
18712	68108	Mercury	1	0.152	0.152
18718	68108	Mercury	1	0.113	0.113
18749	68108	Mercury	1	0.0616	0.0616
18800	68108	Mercury	1	0.136	0.136
18802	68108	Mercury	1	0.11	0.11
18833	68108	Mercury	1	0.363	0.363
18890	68108	Mercury	1	1.2	1.2
18903	68108	Mercury	1	0.107	0.107
18943	68108	Mercury	1	0.166	0.166
18968	68108	Mercury	1	0.163	0.163
18988	68108	Mercury	1	0.0555	0.0555
19030	68108	Mercury	1	0.0755	0.0755
19116	68108	Mercury	1	0.379	0.379
19126	68108	Mercury	1	0.0896	0.0896
19153	68108	Mercury	1	0.254	0.254
19190	68108	Mercury	1	0.398	0.398
19343	68108	Mercury	1	0.234	0.234
19371	68108	Mercury	1	0.0625	0.0625
19373	68108	Mercury	1	0.21	0.21
19417	68108	Mercury	1	0.186	0.186
19440	68108	Mercury	1	0.0705	0.0705
19444	68108	Mercury	1	0.0755	0.0755
19474	68108	Mercury	1	0.551	0.551
19640	68108	Mercury	1	0.105	0.105
19660	68108	Mercury	1	0.233	0.233
19680	68108	Mercury	1	0.0575	0.0575
19792	68108	Mercury	1	0.312	0.312
19875	68108	Mercury	1	0.228	0.228
19920	68108	Mercury	1	0.456	0.456
19988	68108	Mercury	1	0.0733	0.0733
20044	68108	Mercury	1	0.274	0.274
20137	68108	Mercury	1	0.116	0.116
20149	68108	Mercury	1	0.318	0.318

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20168	68108	Mercury	1	0.098	0.098
20169	68108	Mercury	1	0.214	0.214
20244	68108	Mercury	1	0.159	0.159
20285	68108	Mercury	1	0.488	0.488
20287	68108	Mercury	1	0.182	0.182
20344	68108	Mercury	1	0.422	0.422
20367	68108	Mercury	1	0.145	0.145
20464	68108	Mercury	1	0.143	0.143
20467	68108	Mercury	1	0.0896	0.0896
20567	68108	Mercury	1	0.0545	0.0545
20588	68108	Mercury	1	0.05	0.05
20608	68108	Mercury	1	0.353	0.353
20629	68108	Mercury	1	0.14	0.14
20671	68108	Mercury	1	0.202	0.202
20746	68108	Mercury	1	0.062	0.062
20752	68108	Mercury	1	0.0493	0.0493
20831	68108	Mercury	1	0.218	0.218
20881	68108	Mercury	1	0.113	0.113
20922	68108	Mercury	1	0.233	0.233
21123	68108	Mercury	1	0.0387	0.0387
21190	68108	Mercury	1	0.0484	0.0484
21502	68108	Mercury	1	4.77	4.77
21582	68108	Mercury	1	0.219	0.219
21729	68108	Mercury	1	0.0913	0.0913
21863	68108	Mercury	1	0.49	0.49
22203	68108	Mercury	1	0.092	0.092
22282	68108	Mercury	1	0.682	0.682
50453	68108	Mercury	1	0.065	0.065
50624	68108	Mercury	1	0.144	0.144
74047	68108	Mercury	1	0.168	0.168
79306	68108	Mercury	1	0.566	0.566
87989	68108	Mercury	1	0.586	0.586
88004	68108	Mercury	1	0.225	0.225
88031	68108	Mercury	1	2.07	2.07
89842	68108	Mercury	1	0.139	0.139
90601	68108	Mercury	1	0.0623	0.0623
92372	68108	Mercury	1	0.187	0.187
93003	68108	Mercury	1	0.179	0.179
93522	68108	Mercury	1	0.319	0.319
2355	68110	Mercury	1	0.338	0.338
2539	68110	Mercury	1	0.156	0.156
5650	68110	Mercury	1	0.187	0.187
26122	68110	Mercury	1	0.196	0.196
26133	68110	Mercury	1	0.05	0.05
26234	68110	Mercury	1	0.118	0.118
26341	68110	Mercury	1	0.449	0.449
26410	68110	Mercury	1	0.0775	0.0775

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26447	68110	Mercury	1	0.085	0.085
26465	68110	Mercury	1	0.292	0.292
26527	68110	Mercury	1	0.3	0.3
26550	68110	Mercury	1	0.648	0.648
26762	68110	Mercury	1	0.121	0.121
27034	68110	Mercury	1	0.054	0.054
27069	68110	Mercury	1	0.02385	0.02385
27291	68110	Mercury	1	0.2425	0.2425
27435	68110	Mercury	1	0.186	0.186
27589	68110	Mercury	1	0.243	0.243
27592	68110	Mercury	1	0.164	0.164
27683	68110	Mercury	1	0.0565	0.0565
27704	68110	Mercury	1	0.169	0.169
27756	68110	Mercury	1	0.178	0.178
27815	68110	Mercury	1	0.055	0.055
27822	68110	Mercury	1	0.054	0.054
27826	68110	Mercury	1	0.135	0.135
27840	68110	Mercury	1	0.428	0.428
27844	68110	Mercury	1	0.0875	0.0875
27884	68110	Mercury	1	0.176	0.176
27907	68110	Mercury	1	0.02385	0.02385
27927	68110	Mercury	1	0.175	0.175
27984	68110	Mercury	1	0.214	0.214
28074	68110	Mercury	1	0.397	0.397
28075	68110	Mercury	1	0.066	0.066
28120	68110	Mercury	1	0.074	0.074
28167	68110	Mercury	1	0.203	0.203
28226	68110	Mercury	1	0.05	0.05
28335	68110	Mercury	1	0.234	0.234
28360	68110	Mercury	1	0.321	0.321
28404	68110	Mercury	1	0.15	0.15
28421	68110	Mercury	1	0.651	0.651
28455	68110	Mercury	1	0.237	0.237
28501	68110	Mercury	1	0.117	0.117
28550	68110	Mercury	1	0.126	0.126
28591	68110	Mercury	1	0.312	0.312
28647	68110	Mercury	1	0.205	0.205
28670	68110	Mercury	1	0.252	0.252
28711	68110	Mercury	1	0.127	0.127
28717	68110	Mercury	1	0.219	0.219
28726	68110	Mercury	1	0.02385	0.02385
28905	68110	Mercury	1	0.056	0.056
28977	68110	Mercury	1	0.246	0.246
28999	68110	Mercury	1	0.105	0.105
29058	68110	Mercury	1	0.389	0.389
29063	68110	Mercury	1	0.397	0.397
29084	68110	Mercury	1	0.191	0.191

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29093	68110	Mercury	1	0.17	0.17
29095	68110	Mercury	1	0.331	0.331
29117	68110	Mercury	1	0.366	0.366
29135	68110	Mercury	1	1.02	1.02
29207	68110	Mercury	1	0.144	0.144
29238	68110	Mercury	1	0.0915	0.0915
29257	68110	Mercury	1	0.267	0.267
29271	68110	Mercury	1	0.175	0.175
29283	68110	Mercury	1	0.457	0.457
29290	68110	Mercury	1	0.125	0.125
29332	68110	Mercury	1	0.123	0.123
29360	68110	Mercury	1	0.057	0.057
29361	68110	Mercury	1	0.185	0.185
29393	68110	Mercury	1	0.059	0.059
29421	68110	Mercury	1	0.321	0.321
29493	68110	Mercury	1	0.235	0.235
29500	68110	Mercury	1	0.285	0.285
29505	68110	Mercury	1	2.13	2.13
29550	68110	Mercury	1	0.112	0.112
29610	68110	Mercury	1	0.0605	0.0605
29634	68110	Mercury	1	0.214	0.214
29665	68110	Mercury	1	0.0535	0.0535
29753	68110	Mercury	1	0.113	0.113
29774	68110	Mercury	1	0.0545	0.0545
29786	68110	Mercury	1	0.227	0.227
29795	68110	Mercury	1	0.474	0.474
29844	68110	Mercury	1	0.107	0.107
29877	68110	Mercury	1	0.0779	0.0779
29887	68110	Mercury	1	0.144	0.144
29911	68110	Mercury	1	0.0833	0.0833
29913	68110	Mercury	1	0.295	0.295
29920	68110	Mercury	1	0.0555	0.0555
29921	68110	Mercury	1	0.127	0.127
29934	68110	Mercury	1	0.0301	0.0301
29942	68110	Mercury	1	0.185	0.185
29943	68110	Mercury	1	0.283	0.283
30017	68110	Mercury	1	0.0555	0.0555
30172	68110	Mercury	1	0.236	0.236
30189	68110	Mercury	1	0.249	0.249
30210	68110	Mercury	1	0.384	0.384
30291	68110	Mercury	1	0.281	0.281
30394	68110	Mercury	1	0.305	0.305
30410	68110	Mercury	1	0.185	0.185
30422	68110	Mercury	1	0.173	0.173
30443	68110	Mercury	1	2.23	2.23
30469	68110	Mercury	1	0.1125	0.1125
30470	68110	Mercury	1	0.115	0.115

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30500	68110	Mercury	1	0.0565	0.0565
30551	68110	Mercury	1	0.059	0.059
30556	68110	Mercury	1	0.299	0.299
30566	68110	Mercury	1	0.0981	0.0981
30575	68110	Mercury	1	0.167	0.167
30633	68110	Mercury	1	0.235	0.235
30651	68110	Mercury	1	0.134	0.134
30688	68110	Mercury	1	0.186	0.186
30705	68110	Mercury	1	0.23	0.23
30786	68110	Mercury	1	0.165	0.165
30803	68110	Mercury	1	0.117	0.117
30870	68110	Mercury	1	0.179	0.179
30954	68110	Mercury	1	0.195	0.195
30980	68110	Mercury	1	0.108	0.108
31097	68110	Mercury	1	0.233	0.233
31153	68110	Mercury	1	0.119	0.119
31174	68110	Mercury	1	0.07	0.07
31223	68110	Mercury	1	0.123	0.123
31231	68110	Mercury	1	0.0575	0.0575
31350	68110	Mercury	1	1.1	1.1
31401	68110	Mercury	1	0.138	0.138
31568	68110	Mercury	1	0.0845	0.0845
31645	68110	Mercury	1	0.161	0.161
31757	68110	Mercury	1	7.12	7.12
31760	68110	Mercury	1	2.84	2.84
31814	68110	Mercury	1	0.105	0.105
31832	68110	Mercury	1	0.127	0.127
31959	68110	Mercury	1	0.0575	0.0575
32019	68110	Mercury	1	0.147	0.147
32039	68110	Mercury	1	0.445	0.445
32043	68110	Mercury	1	0.0684	0.0684
32063	68110	Mercury	1	0.122	0.122
32214	68110	Mercury	1	0.205	0.205
32373	68110	Mercury	1	0.203	0.203
32484	68110	Mercury	1	0.1	0.1
32508	68110	Mercury	1	0.123	0.123
32529	68110	Mercury	1	0.448	0.448
32536	68110	Mercury	1	0.227	0.227
32570	68110	Mercury	1	0.294	0.294
32645	68110	Mercury	1	0.326	0.326
32707	68110	Mercury	1	1.53	1.53
32727	68110	Mercury	1	1.33	1.33
32733	68110	Mercury	1	0.213	0.213
32734	68110	Mercury	1	0.161	0.161
32875	68110	Mercury	1	0.195	0.195
32903	68110	Mercury	1	0.32	0.32
32915	68110	Mercury	1	0.259	0.259

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32927	68110	Mercury	1	0.0594	0.0594
32996	68110	Mercury	1	0.105	0.105
33078	68110	Mercury	1	0.302	0.302
33084	68110	Mercury	1	0.56	0.56
33280	68110	Mercury	1	0.1185	0.1185
33421	68110	Mercury	1	0.928	0.928
33468	68110	Mercury	1	0.204	0.204
33472	68110	Mercury	1	0.0535	0.0535
33477	68110	Mercury	1	0.0533	0.0533
33483	68110	Mercury	1	0.211	0.211
33512	68110	Mercury	1	0.0525	0.0525
33519	68110	Mercury	1	0.322	0.322
33543	68110	Mercury	1	0.139	0.139
33555	68110	Mercury	1	0.22	0.22
33602	68110	Mercury	1	0.272	0.272
33629	68110	Mercury	1	0.178	0.178
33635	68110	Mercury	1	0.088	0.088
33714	68110	Mercury	1	0.12	0.12
33725	68110	Mercury	1	0.0625	0.0625
33840	68110	Mercury	1	0.283	0.283
33927	68110	Mercury	1	0.0658	0.0658
34002	68110	Mercury	1	0.129	0.129
34047	68110	Mercury	1	0.458	0.458
34116	68110	Mercury	1	0.202	0.202
34237	68110	Mercury	1	0.121	0.121
34260	68110	Mercury	1	0.0585	0.0585
34266	68110	Mercury	1	0.0555	0.0555
34272	68110	Mercury	1	0.142	0.142
34276	68110	Mercury	1	0.12	0.12
34287	68110	Mercury	1	0.423	0.423
34613	68110	Mercury	1	0.185	0.185
34625	68110	Mercury	1	0.182	0.182
34638	68110	Mercury	1	0.166	0.166
34674	68110	Mercury	1	0.133	0.133
34696	68110	Mercury	1	0.147	0.147
34710	68110	Mercury	1	0.135	0.135
34733	68110	Mercury	1	0.754	0.754
34738	68110	Mercury	1	0.0384	0.0384
34742	68110	Mercury	1	0.15	0.15
34821	68110	Mercury	1	0.063	0.063
35022	68110	Mercury	1	0.053	0.053
35047	68110	Mercury	1	1.13	1.13
35180	68110	Mercury	1	0.0615	0.0615
35183	68110	Mercury	1	0.288	0.288
35249	68110	Mercury	1	0.209	0.209
35384	68110	Mercury	1	0.091	0.091
35438	68110	Mercury	1	0.45	0.45

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35501	68110	Mercury	1	0.588	0.588
35558	68110	Mercury	1	0.3	0.3
35589	68110	Mercury	1	0.054	0.054
35637	68110	Mercury	1	0.102	0.102
35710	68110	Mercury	1	0.0667	0.0667
35754	68110	Mercury	1	0.193	0.193
35787	68110	Mercury	1	0.0765	0.0765
35792	68110	Mercury	1	0.0446	0.0446
35793	68110	Mercury	1	0.072	0.072
36189	68110	Mercury	1	0.0575	0.0575
37075	68110	Mercury	1	0.193	0.193
37434	68110	Mercury	1	0.132	0.132
37456	68110	Mercury	1	0.155	0.155
37525	68110	Mercury	1	0.061	0.061
37674	68110	Mercury	1	0.131	0.131
37821	68110	Mercury	1	0.119	0.119
38725	68110	Mercury	1	0.111	0.111
38863	68110	Mercury	1	0.521	0.521
39142	68110	Mercury	1	0.128	0.128
39271	68110	Mercury	1	0.1035	0.1035
39434	68110	Mercury	1	0.055	0.055
39572	68110	Mercury	1	0.595	0.595
55636	68110	Mercury	1	0.111	0.111
74149	68110	Mercury	1	0.213	0.213
79377	68110	Mercury	1	0.094	0.094
81398	68110	Mercury	1	0.068	0.068
81400	68110	Mercury	1	0.0583	0.0583
87991	68110	Mercury	1	0.114	0.114
90908	68110	Mercury	1	0.344	0.344
91449	68110	Mercury	1	0.167	0.167
92501	68110	Mercury	1	0.0919	0.0919
92675	68110	Mercury	1	0.142	0.142
93337	68110	Mercury	1	0.0975	0.0975
93338	68110	Mercury	1	0.0889	0.0889
93342	68110	Mercury	1	0.019	0.019
93344	68110	Mercury	1	0.0878	0.0878
93345	68110	Mercury	1	0.105	0.105
2118	68111	Mercury	1	0.13	0.13
2425	68111	Mercury	1	0.0555	0.0555
2565	68111	Mercury	1	0.087	0.087
25647	68111	Mercury	1	0.0995	0.0995
25663	68111	Mercury	1	0.209	0.209
25670	68111	Mercury	1	0.136	0.136
25708	68111	Mercury	1	0.557	0.557
25709	68111	Mercury	1	0.0833	0.0833
25750	68111	Mercury	1	0.079	0.079
25780	68111	Mercury	1	0.081	0.081

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25786	68111	Mercury	1	0.139	0.139
25794	68111	Mercury	1	395	395
25804	68111	Mercury	1	0.166	0.166
25805	68111	Mercury	1	0.569	0.569
25834	68111	Mercury	1	0.171	0.171
25849	68111	Mercury	1	0.14	0.14
25869	68111	Mercury	1	0.05	0.05
25874	68111	Mercury	1	0.43	0.43
25877	68111	Mercury	1	0.13	0.13
25894	68111	Mercury	1	0.102	0.102
25903	68111	Mercury	1	0.0701	0.0701
25918	68111	Mercury	1	0.11	0.11
25921	68111	Mercury	1	0.051	0.051
25977	68111	Mercury	1	0.02385	0.02385
25985	68111	Mercury	1	1.26	1.26
26005	68111	Mercury	1	0.314	0.314
26009	68111	Mercury	1	0.143	0.143
26011	68111	Mercury	1	0.061	0.061
26030	68111	Mercury	1	0.443	0.443
26042	68111	Mercury	1	0.172	0.172
26043	68111	Mercury	1	0.134	0.134
26045	68111	Mercury	1	0.063	0.063
26053	68111	Mercury	1	0.0605	0.0605
26084	68111	Mercury	1	0.489	0.489
26100	68111	Mercury	1	0.378	0.378
26124	68111	Mercury	1	0.059	0.059
26135	68111	Mercury	1	0.223	0.223
26142	68111	Mercury	1	0.062	0.062
26149	68111	Mercury	1	0.103	0.103
26160	68111	Mercury	1	0.138	0.138
26164	68111	Mercury	1	0.221	0.221
26191	68111	Mercury	1	0.0705	0.0705
26199	68111	Mercury	1	0.137	0.137
26202	68111	Mercury	1	0.627	0.627
26204	68111	Mercury	1	0.042	0.042
26211	68111	Mercury	1	0.133	0.133
26215	68111	Mercury	1	0.102	0.102
26228	68111	Mercury	1	0.0585	0.0585
26229	68111	Mercury	1	0.337	0.337
26231	68111	Mercury	1	0.051	0.051
26249	68111	Mercury	1	0.0815	0.0815
26257	68111	Mercury	1	0.237	0.237
26263	68111	Mercury	1	0.74	0.74
26288	68111	Mercury	1	0.134	0.134
26289	68111	Mercury	1	0.314	0.314
26290	68111	Mercury	1	0.05	0.05
26295	68111	Mercury	1	0.0766	0.0766

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26303	68111	Mercury	1	0.05	0.05
26327	68111	Mercury	1	0.0595	0.0595
26372	68111	Mercury	1	0.326	0.326
26428	68111	Mercury	1	0.02385	0.02385
26456	68111	Mercury	1	0.166	0.166
26459	68111	Mercury	1	0.221	0.221
26480	68111	Mercury	1	0.05	0.05
26485	68111	Mercury	1	0.0326	0.0326
26514	68111	Mercury	1	0.05	0.05
26518	68111	Mercury	1	0.191	0.191
26543	68111	Mercury	1	0.129	0.129
26570	68111	Mercury	1	0.214	0.214
26604	68111	Mercury	1	0.066	0.066
26653	68111	Mercury	1	0.809	0.809
26663	68111	Mercury	1	0.191	0.191
26665	68111	Mercury	1	0.173	0.173
26682	68111	Mercury	1	0.05	0.05
26695	68111	Mercury	1	0.05	0.05
26716	68111	Mercury	1	0.341	0.341
26742	68111	Mercury	1	0.0665	0.0665
26757	68111	Mercury	1	0.123	0.123
26759	68111	Mercury	1	0.0893	0.0893
26772	68111	Mercury	1	0.07	0.07
26779	68111	Mercury	1	0.242	0.242
26783	68111	Mercury	1	0.277	0.277
26834	68111	Mercury	1	0.385	0.385
26844	68111	Mercury	1	0.02385	0.02385
26858	68111	Mercury	1	0.117	0.117
26865	68111	Mercury	1	0.155	0.155
26868	68111	Mercury	1	0.123	0.123
26869	68111	Mercury	1	0.576	0.576
26877	68111	Mercury	1	0.146	0.146
26891	68111	Mercury	1	0.0535	0.0535
26948	68111	Mercury	1	0.302	0.302
26955	68111	Mercury	1	0.141	0.141
26967	68111	Mercury	1	0.0877	0.0877
26996	68111	Mercury	1	0.252	0.252
26997	68111	Mercury	1	0.124	0.124
26999	68111	Mercury	1	0.353	0.353
27005	68111	Mercury	1	0.109	0.109
27031	68111	Mercury	1	0.0645	0.0645
27038	68111	Mercury	1	1.3	1.3
27052	68111	Mercury	1	0.121	0.121
27074	68111	Mercury	1	0.049	0.049
27096	68111	Mercury	1	1.77	1.77
27107	68111	Mercury	1	0.075	0.075
27117	68111	Mercury	1	0.0462	0.0462

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27120	68111	Mercury	1	0.158	0.158
27137	68111	Mercury	1	0.516	0.516
27138	68111	Mercury	1	0.255	0.255
27139	68111	Mercury	1	0.2	0.2
27140	68111	Mercury	1	0.0289	0.0289
27142	68111	Mercury	1	0.193	0.193
27144	68111	Mercury	1	0.155	0.155
27145	68111	Mercury	1	0.0531	0.0531
27148	68111	Mercury	1	0.0604	0.0604
27177	68111	Mercury	1	0.114	0.114
27185	68111	Mercury	1	0.131	0.131
27191	68111	Mercury	1	5.1	5.1
27193	68111	Mercury	1	0.0565	0.0565
27202	68111	Mercury	1	0.02385	0.02385
27264	68111	Mercury	1	0.203	0.203
27266	68111	Mercury	1	5.74	5.74
27269	68111	Mercury	1	0.4	0.4
27278	68111	Mercury	1	0.131	0.131
27308	68111	Mercury	1	0.0755	0.0755
27315	68111	Mercury	1	0.608	0.608
27318	68111	Mercury	1	0.231	0.231
27342	68111	Mercury	1	0.0565	0.0565
27347	68111	Mercury	1	1.7	1.7
27366	68111	Mercury	1	0.088	0.088
27369	68111	Mercury	1	0.126	0.126
27399	68111	Mercury	1	4.67	4.67
27402	68111	Mercury	1	2.57	2.57
27446	68111	Mercury	1	0.197	0.197
27461	68111	Mercury	1	0.0848	0.0848
27467	68111	Mercury	1	0.053	0.053
27475	68111	Mercury	1	0.106	0.106
27481	68111	Mercury	1	0.067	0.067
27488	68111	Mercury	1	0.0525	0.0525
27524	68111	Mercury	1	0.0379	0.0379
27567	68111	Mercury	1	0.053	0.053
27581	68111	Mercury	1	0.572	0.572
27585	68111	Mercury	1	0.223	0.223
27604	68111	Mercury	1	0.064	0.064
27608	68111	Mercury	1	0.0585	0.0585
27630	68111	Mercury	1	0.231	0.231
27632	68111	Mercury	1	0.0602	0.0602
27658	68111	Mercury	1	0.0642	0.0642
27718	68111	Mercury	1	0.076	0.076
27734	68111	Mercury	1	0.05	0.05
27739	68111	Mercury	1	0.054	0.054
27742	68111	Mercury	1	0.533	0.533
27764	68111	Mercury	1	0.05	0.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27768	68111	Mercury	1	0.0595	0.0595
27780	68111	Mercury	1	0.27	0.27
27854	68111	Mercury	1	0.11	0.11
27859	68111	Mercury	1	0.198	0.198
27885	68111	Mercury	1	0.383	0.383
27886	68111	Mercury	1	0.069	0.069
27913	68111	Mercury	1	0.464	0.464
27920	68111	Mercury	1	0.0535	0.0535
27924	68111	Mercury	1	0.052	0.052
27939	68111	Mercury	1	0.145	0.145
27962	68111	Mercury	1	0.554	0.554
28004	68111	Mercury	1	0.148	0.148
28011	68111	Mercury	1	0.139	0.139
28019	68111	Mercury	1	0.943	0.943
28020	68111	Mercury	1	0.0809	0.0809
28022	68111	Mercury	1	0.04865	0.04865
28045	68111	Mercury	1	0.142	0.142
28065	68111	Mercury	1	0.255	0.255
28072	68111	Mercury	1	0.164	0.164
28105	68111	Mercury	1	0.514	0.514
28108	68111	Mercury	1	0.052	0.052
28144	68111	Mercury	1	1.16	1.16
28148	68111	Mercury	1	0.12	0.12
28154	68111	Mercury	1	0.055	0.055
28157	68111	Mercury	1	0.0478	0.0478
28185	68111	Mercury	1	0.0675	0.0675
28186	68111	Mercury	1	0.0525	0.0525
28188	68111	Mercury	1	0.11	0.11
28218	68111	Mercury	1	0.231	0.231
28222	68111	Mercury	1	0.065	0.065
28273	68111	Mercury	1	0.0752	0.0752
28284	68111	Mercury	1	0.0914	0.0914
28329	68111	Mercury	1	0.0775	0.0775
28338	68111	Mercury	1	0.181	0.181
28375	68111	Mercury	1	0.224	0.224
28377	68111	Mercury	1	11.3	11.3
28417	68111	Mercury	1	0.117	0.117
28423	68111	Mercury	1	0.064	0.064
28434	68111	Mercury	1	0.206	0.206
28518	68111	Mercury	1	0.0545	0.0545
28544	68111	Mercury	1	0.0957	0.0957
28558	68111	Mercury	1	0.056	0.056
28561	68111	Mercury	1	0.02385	0.02385
28573	68111	Mercury	1	0.0585	0.0585
28611	68111	Mercury	1	0.166	0.166
28612	68111	Mercury	1	0.196	0.196
28618	68111	Mercury	1	0.109	0.109

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28623	68111	Mercury	1	0.0995	0.0995
28625	68111	Mercury	1	0.318	0.318
28648	68111	Mercury	1	6.33	6.33
28661	68111	Mercury	1	0.123	0.123
28688	68111	Mercury	1	0.02385	0.02385
28709	68111	Mercury	1	0.0917	0.0917
28713	68111	Mercury	1	0.0575	0.0575
28725	68111	Mercury	1	0.112	0.112
28730	68111	Mercury	1	0.142	0.142
28749	68111	Mercury	1	0.15	0.15
28763	68111	Mercury	1	0.057	0.057
28764	68111	Mercury	1	0.057	0.057
28766	68111	Mercury	1	0.0728	0.0728
28781	68111	Mercury	1	0.06	0.06
28785	68111	Mercury	1	0.054	0.054
28798	68111	Mercury	1	0.05	0.05
28799	68111	Mercury	1	0.348	0.348
28809	68111	Mercury	1	0.051	0.051
28811	68111	Mercury	1	0.116	0.116
28819	68111	Mercury	1	0.141	0.141
28836	68111	Mercury	1	0.0876	0.0876
28837	68111	Mercury	1	0.134	0.134
28841	68111	Mercury	1	0.404	0.404
28846	68111	Mercury	1	0.09	0.09
28893	68111	Mercury	1	226	226
28909	68111	Mercury	1	0.057	0.057
28942	68111	Mercury	1	0.493	0.493
28959	68111	Mercury	1	0.089	0.089
28963	68111	Mercury	1	0.123	0.123
28967	68111	Mercury	1	0.391	0.391
28984	68111	Mercury	1	0.169	0.169
28991	68111	Mercury	1	0.316	0.316
29002	68111	Mercury	1	0.057	0.057
29023	68111	Mercury	1	0.02385	0.02385
29033	68111	Mercury	1	0.183	0.183
29037	68111	Mercury	1	0.0452	0.0452
29071	68111	Mercury	1	0.115	0.115
29090	68111	Mercury	1	0.544	0.544
29101	68111	Mercury	1	1.27	1.27
29102	68111	Mercury	1	0.108	0.108
29105	68111	Mercury	1	0.0621	0.0621
29155	68111	Mercury	1	0.078	0.078
29165	68111	Mercury	1	0.219	0.219
29175	68111	Mercury	1	0.0941	0.0941
29177	68111	Mercury	1	3.89	3.89
29181	68111	Mercury	1	0.261	0.261
29204	68111	Mercury	1	0.0969	0.0969

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29205	68111	Mercury	1	0.134	0.134
29214	68111	Mercury	1	0.0821	0.0821
29220	68111	Mercury	1	0.171	0.171
29240	68111	Mercury	1	0.125	0.125
29248	68111	Mercury	1	0.249	0.249
29274	68111	Mercury	1	0.0627	0.0627
29285	68111	Mercury	1	0.148	0.148
29328	68111	Mercury	1	0.112	0.112
29343	68111	Mercury	1	0.0575	0.0575
29354	68111	Mercury	1	0.055	0.055
29358	68111	Mercury	1	0.208	0.208
29386	68111	Mercury	1	0.0545	0.0545
29409	68111	Mercury	1	32.9	32.9
29431	68111	Mercury	1	0.489	0.489
29432	68111	Mercury	1	0.135	0.135
29445	68111	Mercury	1	27.9	27.9
29469	68111	Mercury	1	0.172	0.172
29499	68111	Mercury	1	0.133	0.133
29552	68111	Mercury	1	0.1155	0.1155
29558	68111	Mercury	1	0.05	0.05
29578	68111	Mercury	1	0.0565	0.0565
29608	68111	Mercury	1	0.262	0.262
29625	68111	Mercury	1	0.093	0.093
29633	68111	Mercury	1	0.077	0.077
29671	68111	Mercury	1	0.215	0.215
29678	68111	Mercury	1	0.115	0.115
29683	68111	Mercury	1	0.055	0.055
29684	68111	Mercury	1	0.04945	0.04945
29689	68111	Mercury	1	0.073	0.073
29717	68111	Mercury	1	0.279	0.279
29777	68111	Mercury	1	0.085	0.085
29792	68111	Mercury	1	0.052	0.052
29806	68111	Mercury	1	0.062	0.062
29818	68111	Mercury	1	0.05	0.05
29824	68111	Mercury	1	0.0683	0.0683
29826	68111	Mercury	1	0.168	0.168
29881	68111	Mercury	1	0.193	0.193
29889	68111	Mercury	1	0.158	0.158
29910	68111	Mercury	1	0.143	0.143
29912	68111	Mercury	1	0.089	0.089
29927	68111	Mercury	1	0.169	0.169
29953	68111	Mercury	1	0.0825	0.0825
29974	68111	Mercury	1	0.126	0.126
29978	68111	Mercury	1	0.06	0.06
29991	68111	Mercury	1	0.149	0.149
29993	68111	Mercury	1	0.169	0.169
30012	68111	Mercury	1	0.228	0.228

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30045	68111	Mercury	1	0.168	0.168
30050	68111	Mercury	1	0.103	0.103
30068	68111	Mercury	1	0.0545	0.0545
30078	68111	Mercury	1	0.171	0.171
30081	68111	Mercury	1	0.0585	0.0585
30123	68111	Mercury	1	0.15	0.15
30130	68111	Mercury	1	0.0595	0.0595
30133	68111	Mercury	1	0.0843	0.0843
30161	68111	Mercury	1	0.0853	0.0853
30169	68111	Mercury	1	0.0467	0.0467
30171	68111	Mercury	1	0.0671	0.0671
30177	68111	Mercury	1	0.0535	0.0535
30182	68111	Mercury	1	0.0575	0.0575
30201	68111	Mercury	1	0.09	0.09
30220	68111	Mercury	1	0.054	0.054
30225	68111	Mercury	1	0.206	0.206
30244	68111	Mercury	1	0.131	0.131
30253	68111	Mercury	1	0.102	0.102
30345	68111	Mercury	1	0.125	0.125
30347	68111	Mercury	1	0.0489	0.0489
30387	68111	Mercury	1	0.152	0.152
30417	68111	Mercury	1	0.104	0.104
30420	68111	Mercury	1	0.714	0.714
30434	68111	Mercury	1	0.0897	0.0897
30455	68111	Mercury	1	0.0565	0.0565
30462	68111	Mercury	1	0.126	0.126
30494	68111	Mercury	1	0.0498	0.0498
30521	68111	Mercury	1	0.053	0.053
30526	68111	Mercury	1	0.0603	0.0603
30536	68111	Mercury	1	0.677	0.677
30563	68111	Mercury	1	0.0601	0.0601
30580	68111	Mercury	1	0.063	0.063
30625	68111	Mercury	1	0.119	0.119
30644	68111	Mercury	1	0.061	0.061
30645	68111	Mercury	1	0.1265	0.1265
30683	68111	Mercury	1	0.0849	0.0849
30699	68111	Mercury	1	0.091	0.091
30700	68111	Mercury	1	0.172	0.172
30714	68111	Mercury	1	0.057	0.057
30757	68111	Mercury	1	0.278	0.278
30802	68111	Mercury	1	0.0724	0.0724
30813	68111	Mercury	1	0.12	0.12
30817	68111	Mercury	1	0.0723	0.0723
30836	68111	Mercury	1	0.1	0.1
30841	68111	Mercury	1	0.24	0.24
30844	68111	Mercury	1	0.114	0.114
30881	68111	Mercury	1	0.0615	0.0615

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30888	68111	Mercury	1	0.152	0.152
30918	68111	Mercury	1	0.06	0.06
30927	68111	Mercury	1	0.0897	0.0897
30932	68111	Mercury	1	0.131	0.131
30933	68111	Mercury	1	0.09	0.09
30939	68111	Mercury	1	0.036	0.036
30978	68111	Mercury	1	0.0371	0.0371
30991	68111	Mercury	1	0.237	0.237
30995	68111	Mercury	1	0.091	0.091
30997	68111	Mercury	1	0.055	0.055
31008	68111	Mercury	1	0.0615	0.0615
31042	68111	Mercury	1	0.0531	0.0531
31045	68111	Mercury	1	0.1	0.1
31046	68111	Mercury	1	0.02385	0.02385
31052	68111	Mercury	1	0.0565	0.0565
31056	68111	Mercury	1	0.148	0.148
31071	68111	Mercury	1	0.0819	0.0819
31074	68111	Mercury	1	0.112	0.112
31076	68111	Mercury	1	0.055	0.055
31081	68111	Mercury	1	0.203	0.203
31102	68111	Mercury	1	0.102	0.102
31104	68111	Mercury	1	0.05	0.05
31120	68111	Mercury	1	0.268	0.268
31129	68111	Mercury	1	0.0997	0.0997
31131	68111	Mercury	1	0.066	0.066
31141	68111	Mercury	1	0.182	0.182
31145	68111	Mercury	1	0.081	0.081
31163	68111	Mercury	1	0.277	0.277
31171	68111	Mercury	1	0.05	0.05
31176	68111	Mercury	1	0.0794	0.0794
31186	68111	Mercury	1	0.087	0.087
31189	68111	Mercury	1	0.05	0.05
31192	68111	Mercury	1	0.116	0.116
31206	68111	Mercury	1	0.051	0.051
31229	68111	Mercury	1	0.154	0.154
31237	68111	Mercury	1	0.271	0.271
31262	68111	Mercury	1	0.164	0.164
31300	68111	Mercury	1	0.0605	0.0605
31303	68111	Mercury	1	0.234	0.234
31316	68111	Mercury	1	0.54	0.54
31357	68111	Mercury	1	0.0868	0.0868
31360	68111	Mercury	1	0.0476	0.0476
31361	68111	Mercury	1	0.27	0.27
31362	68111	Mercury	1	0.0545	0.0545
31365	68111	Mercury	1	0.0895	0.0895
31366	68111	Mercury	1	0.379	0.379
31377	68111	Mercury	1	0.0687	0.0687

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31398	68111	Mercury	1	0.238	0.238
31408	68111	Mercury	1	0.069	0.069
31433	68111	Mercury	1	0.06	0.06
31442	68111	Mercury	1	0.061	0.061
31444	68111	Mercury	1	0.295	0.295
31457	68111	Mercury	1	0.214	0.214
31478	68111	Mercury	1	0.142	0.142
31517	68111	Mercury	1	0.0625	0.0625
31583	68111	Mercury	1	0.0448	0.0448
31603	68111	Mercury	1	0.221	0.221
31607	68111	Mercury	1	0.258	0.258
31615	68111	Mercury	1	0.378	0.378
31695	68111	Mercury	1	0.0835	0.0835
31698	68111	Mercury	1	0.02385	0.02385
31733	68111	Mercury	1	0.0316	0.0316
31740	68111	Mercury	1	0.297	0.297
31799	68111	Mercury	1	0.05	0.05
31803	68111	Mercury	1	0.098	0.098
31823	68111	Mercury	1	0.095	0.095
31850	68111	Mercury	1	0.0888	0.0888
31853	68111	Mercury	1	0.104	0.104
31854	68111	Mercury	1	0.064	0.064
31858	68111	Mercury	1	0.0618	0.0618
31868	68111	Mercury	1	0.16	0.16
31871	68111	Mercury	1	0.114	0.114
31882	68111	Mercury	1	0.171	0.171
31887	68111	Mercury	1	0.0555	0.0555
31896	68111	Mercury	1	0.13	0.13
31899	68111	Mercury	1	0.0765	0.0765
31911	68111	Mercury	1	0.0638	0.0638
31925	68111	Mercury	1	0.105	0.105
31936	68111	Mercury	1	0.111	0.111
31964	68111	Mercury	1	0.154	0.154
31965	68111	Mercury	1	0.122	0.122
31977	68111	Mercury	1	0.0545	0.0545
31986	68111	Mercury	1	0.214	0.214
32001	68111	Mercury	1	0.313	0.313
32016	68111	Mercury	1	0.0563	0.0563
32021	68111	Mercury	1	0.1085	0.1085
32022	68111	Mercury	1	0.106	0.106
32040	68111	Mercury	1	0.381	0.381
32046	68111	Mercury	1	0.12	0.12
32049	68111	Mercury	1	0.05	0.05
32070	68111	Mercury	1	0.126	0.126
32081	68111	Mercury	1	0.0617	0.0617
32089	68111	Mercury	1	0.0861	0.0861
32092	68111	Mercury	1	0.101	0.101

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32153	68111	Mercury	1	0.124	0.124
32162	68111	Mercury	1	0.0546	0.0546
32168	68111	Mercury	1	0.055	0.055
32208	68111	Mercury	1	0.05	0.05
32228	68111	Mercury	1	0.0432	0.0432
32252	68111	Mercury	1	0.166	0.166
32256	68111	Mercury	1	0.344	0.344
32261	68111	Mercury	1	0.054	0.054
32267	68111	Mercury	1	0.05	0.05
32276	68111	Mercury	1	0.202	0.202
32277	68111	Mercury	1	0.215	0.215
32283	68111	Mercury	1	0.0605	0.0605
32284	68111	Mercury	1	0.392	0.392
32287	68111	Mercury	1	0.193	0.193
32293	68111	Mercury	1	0.083	0.083
32311	68111	Mercury	1	0.12	0.12
32316	68111	Mercury	1	0.171	0.171
32325	68111	Mercury	1	0.0555	0.0555
32339	68111	Mercury	1	0.0595	0.0595
32346	68111	Mercury	1	0.055	0.055
32414	68111	Mercury	1	0.107	0.107
32418	68111	Mercury	1	0.189	0.189
32428	68111	Mercury	1	0.0608	0.0608
32429	68111	Mercury	1	0.4	0.4
32441	68111	Mercury	1	0.0776	0.0776
32444	68111	Mercury	1	0.338	0.338
32455	68111	Mercury	1	0.0577	0.0577
32456	68111	Mercury	1	0.115	0.115
32458	68111	Mercury	1	0.05	0.05
32497	68111	Mercury	1	0.0485	0.0485
32502	68111	Mercury	1	0.162	0.162
32539	68111	Mercury	1	0.075	0.075
32547	68111	Mercury	1	0.05	0.05
32562	68111	Mercury	1	0.0595	0.0595
32581	68111	Mercury	1	0.112	0.112
32596	68111	Mercury	1	0.064	0.064
32633	68111	Mercury	1	0.136	0.136
32673	68111	Mercury	1	0.078	0.078
32678	68111	Mercury	1	0.0832	0.0832
32686	68111	Mercury	1	0.058	0.058
32696	68111	Mercury	1	0.0873	0.0873
32702	68111	Mercury	1	0.0969	0.0969
32708	68111	Mercury	1	0.0525	0.0525
32736	68111	Mercury	1	0.192	0.192
32775	68111	Mercury	1	0.129	0.129
32779	68111	Mercury	1	0.21	0.21
32780	68111	Mercury	1	0.131	0.131

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32783	68111	Mercury	1	0.0505	0.0505
32818	68111	Mercury	1	0.497	0.497
32847	68111	Mercury	1	0.0662	0.0662
32851	68111	Mercury	1	0.0595	0.0595
32852	68111	Mercury	1	0.113	0.113
32874	68111	Mercury	1	0.0483	0.0483
32876	68111	Mercury	1	0.104	0.104
32891	68111	Mercury	1	0.0564	0.0564
32896	68111	Mercury	1	0.155	0.155
32912	68111	Mercury	1	0.0535	0.0535
32914	68111	Mercury	1	0.0633	0.0633
32931	68111	Mercury	1	0.064	0.064
32940	68111	Mercury	1	0.123	0.123
32949	68111	Mercury	1	0.327	0.327
32968	68111	Mercury	1	0.122	0.122
32972	68111	Mercury	1	0.205	0.205
32973	68111	Mercury	1	0.0912	0.0912
32974	68111	Mercury	1	0.0491	0.0491
32989	68111	Mercury	1	0.137	0.137
32992	68111	Mercury	1	0.163	0.163
33009	68111	Mercury	1	0.0555	0.0555
33012	68111	Mercury	1	0.0813	0.0813
33014	68111	Mercury	1	0.057	0.057
33036	68111	Mercury	1	0.054	0.054
33037	68111	Mercury	1	0.0756	0.0756
33042	68111	Mercury	1	0.051	0.051
33043	68111	Mercury	1	0.065	0.065
33060	68111	Mercury	1	0.567	0.567
33062	68111	Mercury	1	0.118	0.118
33120	68111	Mercury	1	0.0559	0.0559
33177	68111	Mercury	1	0.0483	0.0483
33207	68111	Mercury	1	0.051	0.051
33296	68111	Mercury	1	0.648	0.648
33314	68111	Mercury	1	0.179	0.179
33317	68111	Mercury	1	0.984	0.984
33350	68111	Mercury	1	0.071	0.071
33372	68111	Mercury	1	0.146	0.146
33392	68111	Mercury	1	0.055	0.055
33453	68111	Mercury	1	0.1045	0.1045
33456	68111	Mercury	1	0.0605	0.0605
33480	68111	Mercury	1	0.0575	0.0575
33492	68111	Mercury	1	0.05	0.05
33600	68111	Mercury	1	0.126	0.126
33607	68111	Mercury	1	0.138	0.138
33630	68111	Mercury	1	0.795	0.795
33631	68111	Mercury	1	0.063	0.063
33647	68111	Mercury	1	0.345	0.345

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33696	68111	Mercury	1	0.159	0.159
33711	68111	Mercury	1	0.074	0.074
33741	68111	Mercury	1	0.118	0.118
33772	68111	Mercury	1	0.0805	0.0805
33803	68111	Mercury	1	0.0865	0.0865
33805	68111	Mercury	1	0.05	0.05
33806	68111	Mercury	1	0.2	0.2
33818	68111	Mercury	1	0.0695	0.0695
33831	68111	Mercury	1	0.429	0.429
33833	68111	Mercury	1	0.0705	0.0705
33856	68111	Mercury	1	0.074	0.074
33863	68111	Mercury	1	0.137	0.137
33875	68111	Mercury	1	0.0979	0.0979
33903	68111	Mercury	1	0.0595	0.0595
33915	68111	Mercury	1	0.266	0.266
33947	68111	Mercury	1	0.06	0.06
33997	68111	Mercury	1	0.086	0.086
34037	68111	Mercury	1	0.077	0.077
34040	68111	Mercury	1	0.02385	0.02385
34059	68111	Mercury	1	0.109	0.109
34060	68111	Mercury	1	0.237	0.237
34075	68111	Mercury	1	0.072	0.072
34088	68111	Mercury	1	0.468	0.468
34126	68111	Mercury	1	0.082	0.082
34128	68111	Mercury	1	0.0575	0.0575
34142	68111	Mercury	1	0.466	0.466
34173	68111	Mercury	1	0.056	0.056
34179	68111	Mercury	1	1.16	1.16
34200	68111	Mercury	1	0.0683	0.0683
34219	68111	Mercury	1	0.083	0.083
34222	68111	Mercury	1	0.215	0.215
34224	68111	Mercury	1	0.307	0.307
34225	68111	Mercury	1	0.176	0.176
34247	68111	Mercury	1	0.124	0.124
34251	68111	Mercury	1	0.214	0.214
34255	68111	Mercury	1	0.623	0.623
34257	68111	Mercury	1	0.158	0.158
34320	68111	Mercury	1	0.178	0.178
34371	68111	Mercury	1	0.167	0.167
34377	68111	Mercury	1	0.114	0.114
34387	68111	Mercury	1	0.182	0.182
34396	68111	Mercury	1	0.0957	0.0957
34430	68111	Mercury	1	0.077	0.077
34444	68111	Mercury	1	0.62	0.62
34478	68111	Mercury	1	0.0625	0.0625
34503	68111	Mercury	1	0.064	0.064
34560	68111	Mercury	1	0.461	0.461

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34562	68111	Mercury	1	0.066	0.066
34595	68111	Mercury	1	0.108	0.108
34621	68111	Mercury	1	0.416	0.416
34626	68111	Mercury	1	0.733	0.733
34639	68111	Mercury	1	0.06	0.06
34663	68111	Mercury	1	0.1035	0.1035
34669	68111	Mercury	1	0.05	0.05
34691	68111	Mercury	1	0.0515	0.0515
34703	68111	Mercury	1	30.5	30.5
34766	68111	Mercury	1	0.0726	0.0726
34778	68111	Mercury	1	0.103	0.103
34888	68111	Mercury	1	0.232	0.232
34892	68111	Mercury	1	0.0555	0.0555
34904	68111	Mercury	1	0.458	0.458
34917	68111	Mercury	1	0.0857	0.0857
34923	68111	Mercury	1	0.114	0.114
34936	68111	Mercury	1	0.056	0.056
34948	68111	Mercury	1	0.148	0.148
34953	68111	Mercury	1	0.1325	0.1325
34985	68111	Mercury	1	0.149	0.149
34993	68111	Mercury	1	0.536	0.536
34999	68111	Mercury	1	0.0665	0.0665
35003	68111	Mercury	1	0.308	0.308
35014	68111	Mercury	1	0.0555	0.0555
35042	68111	Mercury	1	0.046	0.046
35043	68111	Mercury	1	0.057	0.057
35059	68111	Mercury	1	0.059	0.059
35072	68111	Mercury	1	0.0845	0.0845
35095	68111	Mercury	1	0.12	0.12
35137	68111	Mercury	1	0.326	0.326
35152	68111	Mercury	1	0.096	0.096
35223	68111	Mercury	1	0.096	0.096
35233	68111	Mercury	1	0.0625	0.0625
35242	68111	Mercury	1	4.35	4.35
35252	68111	Mercury	1	0.229	0.229
35273	68111	Mercury	1	0.292	0.292
35285	68111	Mercury	1	0.118	0.118
35287	68111	Mercury	1	0.108	0.108
35288	68111	Mercury	1	0.327	0.327
35290	68111	Mercury	1	0.0545	0.0545
35350	68111	Mercury	1	0.02385	0.02385
35404	68111	Mercury	1	0.362	0.362
35417	68111	Mercury	1	0.0988	0.0988
35458	68111	Mercury	1	0.053	0.053
35495	68111	Mercury	1	0.07	0.07
35503	68111	Mercury	1	0.106	0.106
35513	68111	Mercury	1	0.161	0.161

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35517	68111	Mercury	1	0.328	0.328
35536	68111	Mercury	1	0.273	0.273
35575	68111	Mercury	1	0.13	0.13
35614	68111	Mercury	1	0.062	0.062
35619	68111	Mercury	1	0.0765	0.0765
35786	68111	Mercury	1	0.0505	0.0505
35821	68111	Mercury	1	0.059	0.059
35822	68111	Mercury	1	0.058	0.058
35826	68111	Mercury	1	0.056	0.056
35830	68111	Mercury	1	0.154	0.154
35877	68111	Mercury	1	2.29	2.29
35921	68111	Mercury	1	0.053	0.053
35935	68111	Mercury	1	0.215	0.215
35943	68111	Mercury	1	0.16	0.16
35947	68111	Mercury	1	0.05	0.05
35964	68111	Mercury	1	0.148	0.148
35969	68111	Mercury	1	0.0988	0.0988
36000	68111	Mercury	1	0.114	0.114
36007	68111	Mercury	1	0.057	0.057
36015	68111	Mercury	1	0.133	0.133
36024	68111	Mercury	1	0.122	0.122
36040	68111	Mercury	1	0.554	0.554
36046	68111	Mercury	1	0.105	0.105
36072	68111	Mercury	1	0.0937	0.0937
36093	68111	Mercury	1	4.46	4.46
36116	68111	Mercury	1	0.372	0.372
36138	68111	Mercury	1	0.0597	0.0597
36167	68111	Mercury	1	0.104	0.104
36194	68111	Mercury	1	1.19	1.19
36212	68111	Mercury	1	0.054	0.054
36238	68111	Mercury	1	0.055	0.055
36246	68111	Mercury	1	0.1695	0.1695
36251	68111	Mercury	1	0.168	0.168
36257	68111	Mercury	1	0.12	0.12
36259	68111	Mercury	1	0.111	0.111
36269	68111	Mercury	1	0.223	0.223
36325	68111	Mercury	1	0.051	0.051
36356	68111	Mercury	1	0.121	0.121
36408	68111	Mercury	1	0.268	0.268
36410	68111	Mercury	1	0.093	0.093
36427	68111	Mercury	1	0.084	0.084
36464	68111	Mercury	1	0.147	0.147
36467	68111	Mercury	1	0.226	0.226
36507	68111	Mercury	1	0.359	0.359
36557	68111	Mercury	1	0.361	0.361
36574	68111	Mercury	1	0.075	0.075
36656	68111	Mercury	1	1.71	1.71

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36679	68111	Mercury	1	0.099	0.099
36701	68111	Mercury	1	0.305	0.305
36706	68111	Mercury	1	0.536	0.536
36936	68111	Mercury	1	0.17	0.17
37023	68111	Mercury	1	0.135	0.135
37025	68111	Mercury	1	0.0406	0.0406
37031	68111	Mercury	1	0.182	0.182
37036	68111	Mercury	1	0.121	0.121
37049	68111	Mercury	1	0.147	0.147
37087	68111	Mercury	1	0.672	0.672
37097	68111	Mercury	1	0.196	0.196
37156	68111	Mercury	1	0.164	0.164
37189	68111	Mercury	1	0.46	0.46
37193	68111	Mercury	1	0.12	0.12
37210	68111	Mercury	1	0.0575	0.0575
37219	68111	Mercury	1	0.144	0.144
37223	68111	Mercury	1	0.0605	0.0605
37226	68111	Mercury	1	0.099	0.099
37276	68111	Mercury	1	0.211	0.211
37361	68111	Mercury	1	0.0525	0.0525
37402	68111	Mercury	1	0.052	0.052
37465	68111	Mercury	1	0.284	0.284
37470	68111	Mercury	1	0.109	0.109
37684	68111	Mercury	1	0.111	0.111
37738	68111	Mercury	1	0.056	0.056
37756	68111	Mercury	1	0.066	0.066
37907	68111	Mercury	2	0.2525	0.274
37934	68111	Mercury	1	0.149	0.149
38007	68111	Mercury	1	0.0855	0.0855
38054	68111	Mercury	1	0.0185	0.0185
38066	68111	Mercury	1	0.146	0.146
38087	68111	Mercury	1	0.051	0.051
38202	68111	Mercury	1	0.059	0.059
38210	68111	Mercury	1	0.057	0.057
38253	68111	Mercury	1	0.0525	0.0525
38261	68111	Mercury	1	0.0616	0.0616
38269	68111	Mercury	1	0.069	0.069
38300	68111	Mercury	1	0.197	0.197
38363	68111	Mercury	1	0.0775	0.0775
38383	68111	Mercury	1	0.037	0.037
38407	68111	Mercury	1	0.238	0.238
38439	68111	Mercury	1	0.056	0.056
38446	68111	Mercury	1	0.05	0.05
38449	68111	Mercury	1	0.0585	0.0585
38527	68111	Mercury	1	0.0575	0.0575
38585	68111	Mercury	1	0.12	0.12
38587	68111	Mercury	1	0.83	0.83

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38721	68111	Mercury	1	0.177	0.177
38724	68111	Mercury	1	0.054	0.054
38759	68111	Mercury	1	0.0665	0.0665
38780	68111	Mercury	1	0.437	0.437
38864	68111	Mercury	1	0.099	0.099
49203	68111	Mercury	1	0.0769	0.0769
49313	68111	Mercury	1	0.12	0.12
49314	68111	Mercury	1	0.257	0.257
49319	68111	Mercury	1	0.455	0.455
49341	68111	Mercury	1	0.051	0.051
49345	68111	Mercury	1	0.0544	0.0544
49354	68111	Mercury	1	0.0396	0.0396
50024	68111	Mercury	1	0.0785	0.0785
50049	68111	Mercury	1	0.0535	0.0535
50080	68111	Mercury	1	0.056	0.056
50105	68111	Mercury	1	0.0575	0.0575
50107	68111	Mercury	1	0.071	0.071
50120	68111	Mercury	1	0.062	0.062
50146	68111	Mercury	1	0.058	0.058
50356	68111	Mercury	1	0.054	0.054
50404	68111	Mercury	1	0.05	0.05
50410	68111	Mercury	1	0.056	0.056
50417	68111	Mercury	1	0.093	0.093
50424	68111	Mercury	1	0.0605	0.0605
50434	68111	Mercury	1	0.065	0.065
50447	68111	Mercury	1	0.143	0.143
63239	68111	Mercury	1	0.098	0.098
63751	68111	Mercury	1	0.0514	0.0514
68070	68111	Mercury	1	0.0965	0.0965
68686	68111	Mercury	1	0.0682	0.0682
73862	68111	Mercury	1	0.0454	0.0454
74664	68111	Mercury	1	0.143	0.143
75011	68111	Mercury	1	0.22	0.22
77146	68111	Mercury	1	0.066	0.066
79703	68111	Mercury	1	0.157	0.157
79704	68111	Mercury	1	0.252	0.252
87761	68111	Mercury	1	0.1055	0.1055
89893	68111	Mercury	1	0.139	0.139
90107	68111	Mercury	1	0.0687	0.0687
91234	68111	Mercury	1	0.254	0.254
91335	68111	Mercury	1	0.0519	0.0519
91926	68111	Mercury	1	0.0525	0.0525
39755	68112	Mercury	1	0.141	0.141
39951	68112	Mercury	1	0.0735	0.0735
40194	68112	Mercury	1	0.153	0.153
40523	68112	Mercury	1	0.264	0.264
40879	68112	Mercury	1	0.055	0.055

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2165	68131	Mercury	1	0.459	0.459
22856	68131	Mercury	1	0.233	0.233
23003	68131	Mercury	1	0.233	0.233
23016	68131	Mercury	1	0.172	0.172
23028	68131	Mercury	1	0.045	0.045
23072	68131	Mercury	1	0.183	0.183
23093	68131	Mercury	1	0.174	0.174
23144	68131	Mercury	1	0.198	0.198
23145	68131	Mercury	1	0.244	0.244
23150	68131	Mercury	1	0.126	0.126
23153	68131	Mercury	1	0.967	0.967
23211	68131	Mercury	1	0.0545	0.0545
23237	68131	Mercury	1	0.346	0.346
23274	68131	Mercury	1	0.182	0.182
23280	68131	Mercury	1	0.106	0.106
23301	68131	Mercury	1	0.0614	0.0614
23338	68131	Mercury	1	0.061	0.061
23344	68131	Mercury	1	0.124	0.124
23379	68131	Mercury	1	0.098	0.098
23399	68131	Mercury	1	0.342	0.342
23425	68131	Mercury	1	0.083	0.083
23433	68131	Mercury	1	0.105	0.105
23442	68131	Mercury	1	0.271	0.271
23460	68131	Mercury	1	0.0602	0.0602
23502	68131	Mercury	1	0.191	0.191
23512	68131	Mercury	1	0.056	0.056
23532	68131	Mercury	1	0.0632	0.0632
23537	68131	Mercury	1	3.89	3.89
23539	68131	Mercury	1	0.0535	0.0535
23577	68131	Mercury	1	0.56	0.56
23580	68131	Mercury	1	0.109	0.109
23584	68131	Mercury	1	0.472	0.472
23586	68131	Mercury	1	0.0721	0.0721
23611	68131	Mercury	1	0.719	0.719
23634	68131	Mercury	1	0.059	0.059
23673	68131	Mercury	1	0.0644	0.0644
23675	68131	Mercury	1	0.127	0.127
23700	68131	Mercury	1	0.203	0.203
23742	68131	Mercury	1	0.193	0.193
23786	68131	Mercury	1	0.297	0.297
23788	68131	Mercury	1	0.102	0.102
23790	68131	Mercury	1	0.24	0.24
23817	68131	Mercury	1	0.114	0.114
23822	68131	Mercury	1	6.47	6.47
23824	68131	Mercury	1	0.06	0.06
23845	68131	Mercury	1	0.19	0.19
23872	68131	Mercury	1	0.282	0.282

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23895	68131	Mercury	1	0.1205	0.1205
23899	68131	Mercury	1	0.0689	0.0689
23922	68131	Mercury	1	0.04875	0.04875
23930	68131	Mercury	1	0.137	0.137
23961	68131	Mercury	1	0.222	0.222
23967	68131	Mercury	1	0.121	0.121
23968	68131	Mercury	1	0.191	0.191
23985	68131	Mercury	1	0.077	0.077
23986	68131	Mercury	1	0.051	0.051
24000	68131	Mercury	1	0.532	0.532
24010	68131	Mercury	1	0.379	0.379
24019	68131	Mercury	1	0.256	0.256
24027	68131	Mercury	1	0.31	0.31
24098	68131	Mercury	1	0.288	0.288
24109	68131	Mercury	1	0.411	0.411
24119	68131	Mercury	1	0.237	0.237
24126	68131	Mercury	1	0.159	0.159
24132	68131	Mercury	1	0.15	0.15
24141	68131	Mercury	1	0.1	0.1
24156	68131	Mercury	1	0.02385	0.02385
24162	68131	Mercury	1	0.0495	0.0495
24182	68131	Mercury	1	0.192	0.192
24190	68131	Mercury	1	0.12	0.12
24214	68131	Mercury	1	0.232	0.232
24240	68131	Mercury	1	0.091	0.091
24272	68131	Mercury	1	0.089	0.089
24274	68131	Mercury	1	0.233	0.233
24277	68131	Mercury	1	0.748	0.748
24334	68131	Mercury	1	0.0537	0.0537
24348	68131	Mercury	1	0.138	0.138
24357	68131	Mercury	1	0.09	0.09
24358	68131	Mercury	1	0.173	0.173
24367	68131	Mercury	1	0.229	0.229
24370	68131	Mercury	1	0.286	0.286
24374	68131	Mercury	1	0.106	0.106
24376	68131	Mercury	1	0.192	0.192
24390	68131	Mercury	1	0.07	0.07
24396	68131	Mercury	1	0.108	0.108
24411	68131	Mercury	1	0.132	0.132
24451	68131	Mercury	1	0.058	0.058
24457	68131	Mercury	1	0.231	0.231
24577	68131	Mercury	1	1.5	1.5
24601	68131	Mercury	1	0.169	0.169
24605	68131	Mercury	1	0.0565	0.0565
24635	68131	Mercury	1	0.529	0.529
24640	68131	Mercury	1	0.25	0.25
24655	68131	Mercury	1	0.284	0.284

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24674	68131	Mercury	1	0.098	0.098
24692	68131	Mercury	1	0.1	0.1
24693	68131	Mercury	1	0.125	0.125
24703	68131	Mercury	1	0.168	0.168
24740	68131	Mercury	1	0.062	0.062
24751	68131	Mercury	1	0.106	0.106
24757	68131	Mercury	1	0.162	0.162
24768	68131	Mercury	1	0.154	0.154
24776	68131	Mercury	1	0.0615	0.0615
24794	68131	Mercury	1	0.175	0.175
24800	68131	Mercury	1	0.02385	0.02385
24808	68131	Mercury	1	0.389	0.389
24887	68131	Mercury	1	0.494	0.494
24896	68131	Mercury	1	0.057	0.057
24931	68131	Mercury	1	0.1	0.1
24958	68131	Mercury	1	0.267	0.267
24962	68131	Mercury	1	0.0935	0.0935
24964	68131	Mercury	1	0.119	0.119
25005	68131	Mercury	1	0.0673	0.0673
25009	68131	Mercury	1	0.106	0.106
25061	68131	Mercury	1	0.055	0.055
25063	68131	Mercury	1	0.226	0.226
25078	68131	Mercury	1	0.06	0.06
25096	68131	Mercury	1	0.137	0.137
25130	68131	Mercury	1	0.38	0.38
25133	68131	Mercury	1	0.15	0.15
25137	68131	Mercury	1	0.135	0.135
25167	68131	Mercury	1	0.0645	0.0645
25185	68131	Mercury	1	0.16	0.16
25189	68131	Mercury	1	0.259	0.259
25193	68131	Mercury	1	0.267	0.267
25202	68131	Mercury	1	0.053	0.053
25204	68131	Mercury	1	0.475	0.475
25231	68131	Mercury	1	0.952	0.952
25242	68131	Mercury	1	0.11	0.11
25281	68131	Mercury	1	0.209	0.209
25285	68131	Mercury	1	4.44	4.44
25296	68131	Mercury	1	0.12	0.12
25315	68131	Mercury	1	0.0585	0.0585
25324	68131	Mercury	1	0.0565	0.0565
25329	68131	Mercury	1	0.142	0.142
25331	68131	Mercury	1	0.216	0.216
25335	68131	Mercury	1	0.223	0.223
25337	68131	Mercury	1	0.131	0.131
25385	68131	Mercury	1	0.142	0.142
25391	68131	Mercury	1	0.516	0.516
25410	68131	Mercury	1	0.424	0.424

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25425	68131	Mercury	1	0.209	0.209
25456	68131	Mercury	1	0.11	0.11
25547	68131	Mercury	1	0.0845	0.0845
25554	68131	Mercury	1	70.1	70.1
25558	68131	Mercury	1	0.098	0.098
25579	68131	Mercury	1	0.0605	0.0605
25604	68131	Mercury	1	0.058	0.058
25607	68131	Mercury	1	2.1	2.1
25634	68131	Mercury	1	0.141	0.141
25657	68131	Mercury	1	0.236	0.236
50446	68131	Mercury	1	0.113	0.113
89514	68131	Mercury	1	0.174	0.174
93114	68131	Mercury	1	0.658	0.658
93413	68131	Mercury	1	0.0838	0.0838
93419	68131	Mercury	1	0.172	0.172
49490	68132	Mercury	1	0.05	0.05
49500	68132	Mercury	1	0.05	0.05
49505	68132	Mercury	1	0.879	0.879
49521	68132	Mercury	1	0.186	0.186
49544	68132	Mercury	1	0.055	0.055
49558	68132	Mercury	1	0.0486	0.0486
49578	68132	Mercury	1	0.225	0.225
49618	68132	Mercury	1	0.051	0.051
49625	68132	Mercury	1	0.0855	0.0855
49627	68132	Mercury	1	0.115	0.115
49628	68132	Mercury	1	0.198	0.198
49642	68132	Mercury	1	1.85	1.85
49663	68132	Mercury	1	0.145	0.145
49671	68132	Mercury	1	5.98	5.98
49672	68132	Mercury	1	0.005	0.005
49676	68132	Mercury	1	0.115	0.115
49678	68132	Mercury	1	0.056	0.056
49682	68132	Mercury	1	0.0973	0.0973
49697	68132	Mercury	1	0.094	0.094
49701	68132	Mercury	1	6.37	6.37
49704	68132	Mercury	1	0.226	0.226
49716	68132	Mercury	1	0.299	0.299
49717	68132	Mercury	1	0.104	0.104
49724	68132	Mercury	1	0.0755	0.0755
49725	68132	Mercury	1	0.152	0.152
49726	68132	Mercury	1	0.284	0.284
49727	68132	Mercury	1	0.05	0.05
49736	68132	Mercury	1	0.151	0.151
49739	68132	Mercury	1	0.0555	0.0555
49759	68132	Mercury	1	0.638	0.638
49760	68132	Mercury	1	0.473	0.473
49774	68132	Mercury	1	0.092	0.092

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49781	68132	Mercury	1	0.116	0.116
49783	68132	Mercury	1	0.147	0.147
49793	68132	Mercury	1	0.053	0.053
49800	68132	Mercury	1	0.051	0.051
49806	68132	Mercury	1	0.224	0.224
49812	68132	Mercury	1	0.0545	0.0545
49819	68132	Mercury	1	0.0535	0.0535
49833	68132	Mercury	1	0.0575	0.0575
49846	68132	Mercury	1	0.0725	0.0725
49852	68132	Mercury	1	0.403	0.403
49853	68132	Mercury	1	0.386	0.386
49855	68132	Mercury	1	1.08	1.08
49863	68132	Mercury	1	0.091	0.091
49884	68132	Mercury	1	0.169	0.169
49892	68132	Mercury	1	0.061	0.061
49902	68132	Mercury	1	0.062	0.062
49907	68132	Mercury	1	0.0595	0.0595
49911	68132	Mercury	1	0.0545	0.0545
49913	68132	Mercury	1	0.0565	0.0565
49918	68132	Mercury	1	0.0689	0.0689
49922	68132	Mercury	1	0.057	0.057
49929	68132	Mercury	1	0.0545	0.0545
49931	68132	Mercury	1	0.24	0.24
49936	68132	Mercury	1	0.05	0.05
49941	68132	Mercury	1	0.0803	0.0803
49943	68132	Mercury	1	0.05	0.05
49953	68132	Mercury	1	0.732	0.732
49956	68132	Mercury	1	0.0775	0.0775
49958	68132	Mercury	1	0.136	0.136
49961	68132	Mercury	1	0.059	0.059
49971	68132	Mercury	1	0.166	0.166
49974	68132	Mercury	1	0.449	0.449
49986	68132	Mercury	1	0.453	0.453
49994	68132	Mercury	1	0.13	0.13
49995	68132	Mercury	1	0.317	0.317
50479	68132	Mercury	1	0.05	0.05
50484	68132	Mercury	1	0.0903	0.0903
50485	68132	Mercury	1	0.0467	0.0467
50536	68132	Mercury	1	0.244	0.244
51190	68132	Mercury	1	0.56	0.56
51214	68132	Mercury	1	0.43	0.43
51217	68132	Mercury	1	0.332	0.332
51225	68132	Mercury	1	0.839	0.839
51228	68132	Mercury	1	0.05	0.05
51234	68132	Mercury	1	0.0638	0.0638
51256	68132	Mercury	1	0.159	0.159
51263	68132	Mercury	1	0.239	0.239

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51270	68132	Mercury	1	0.05	0.05
51278	68132	Mercury	1	0.072	0.072
51280	68132	Mercury	1	0.052	0.052
51327	68132	Mercury	1	0.339	0.339
51349	68132	Mercury	1	0.05	0.05
51361	68132	Mercury	1	0.0545	0.0545
51369	68132	Mercury	1	0.199	0.199
51381	68132	Mercury	1	0.696	0.696
51391	68132	Mercury	1	0.052	0.052
51392	68132	Mercury	1	0.424	0.424
51394	68132	Mercury	1	0.057	0.057
51401	68132	Mercury	1	0.409	0.409
51412	68132	Mercury	1	0.142	0.142
51437	68132	Mercury	1	0.757	0.757
51440	68132	Mercury	1	0.149	0.149
51457	68132	Mercury	1	0.129	0.129
51483	68132	Mercury	1	0.185	0.185
51492	68132	Mercury	1	0.157	0.157
51504	68132	Mercury	1	0.12	0.12
51512	68132	Mercury	1	1.17	1.17
51519	68132	Mercury	1	0.054	0.054
51525	68132	Mercury	1	3.17	3.17
51544	68132	Mercury	1	0.201	0.201
51546	68132	Mercury	1	0.457	0.457
51551	68132	Mercury	1	7.75	7.75
51569	68132	Mercury	1	0.427	0.427
51587	68132	Mercury	1	0.0545	0.0545
51588	68132	Mercury	1	0.225	0.225
51598	68132	Mercury	1	1.22	1.22
51600	68132	Mercury	1	0.979	0.979
51607	68132	Mercury	1	1.88	1.88
51630	68132	Mercury	1	0.13	0.13
51640	68132	Mercury	1	0.0505	0.0505
51645	68132	Mercury	1	0.155	0.155
51646	68132	Mercury	1	0.255	0.255
51659	68132	Mercury	1	0.0715	0.0715
51667	68132	Mercury	1	0.069	0.069
51671	68132	Mercury	1	0.0575	0.0575
51676	68132	Mercury	1	0.228	0.228
51705	68132	Mercury	1	0.339	0.339
51706	68132	Mercury	1	0.199	0.199
51708	68132	Mercury	1	0.0724	0.0724
51710	68132	Mercury	1	0.1	0.1
51712	68132	Mercury	1	0.0595	0.0595
51735	68132	Mercury	1	0.129	0.129
51750	68132	Mercury	1	0.079	0.079
51752	68132	Mercury	1	0.05	0.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51767	68132	Mercury	1	0.05	0.05
51769	68132	Mercury	1	0.057	0.057
51779	68132	Mercury	1	0.473	0.473
51780	68132	Mercury	1	0.157	0.157
51785	68132	Mercury	1	0.65	0.65
51790	68132	Mercury	1	0.139	0.139
51800	68132	Mercury	1	0.129	0.129
51803	68132	Mercury	1	0.141	0.141
51805	68132	Mercury	1	0.22	0.22
51807	68132	Mercury	1	0.206	0.206
51808	68132	Mercury	1	0.109	0.109
51820	68132	Mercury	1	0.152	0.152
51829	68132	Mercury	1	0.121	0.121
51840	68132	Mercury	1	0.05	0.05
51844	68132	Mercury	1	0.128	0.128
51846	68132	Mercury	1	0.914	0.914
51847	68132	Mercury	1	0.434	0.434
51854	68132	Mercury	1	0.114	0.114
51855	68132	Mercury	1	0.123	0.123
51857	68132	Mercury	1	0.147	0.147
51861	68132	Mercury	1	0.11	0.11
51863	68132	Mercury	1	0.05	0.05
51866	68132	Mercury	1	0.154	0.154
51872	68132	Mercury	1	0.05	0.05
51897	68132	Mercury	1	0.05	0.05
51918	68132	Mercury	1	0.13	0.13
51921	68132	Mercury	1	0.121	0.121
51938	68132	Mercury	1	0.111	0.111
51946	68132	Mercury	1	0.262	0.262
51949	68132	Mercury	1	0.104	0.104
51959	68132	Mercury	1	1.23	1.23
51960	68132	Mercury	1	0.097	0.097
51972	68132	Mercury	1	0.05	0.05
51990	68132	Mercury	1	0.124	0.124
51997	68132	Mercury	1	0.508	0.508
52023	68132	Mercury	1	0.127	0.127
52035	68132	Mercury	1	0.173	0.173
52046	68132	Mercury	1	0.0884	0.0884
52054	68132	Mercury	1	0.0507	0.0507
52059	68132	Mercury	1	0.076	0.076
52075	68132	Mercury	1	0.064	0.064
52078	68132	Mercury	1	0.055	0.055
52080	68132	Mercury	1	0.059	0.059
52085	68132	Mercury	1	0.136	0.136
52090	68132	Mercury	1	0.292	0.292
52091	68132	Mercury	1	0.36	0.36
52097	68132	Mercury	1	0.0555	0.0555

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52101	68132	Mercury	1	0.121	0.121
52106	68132	Mercury	1	0.156	0.156
52112	68132	Mercury	1	0.217	0.217
52119	68132	Mercury	1	0.0737	0.0737
52122	68132	Mercury	1	0.0619	0.0619
52128	68132	Mercury	1	0.242	0.242
52129	68132	Mercury	1	0.0859	0.0859
52137	68132	Mercury	1	0.059	0.059
52140	68132	Mercury	1	0.059	0.059
52141	68132	Mercury	1	0.69	0.69
52150	68132	Mercury	1	0.319	0.319
52155	68132	Mercury	2	0.3645	0.404
52158	68132	Mercury	1	0.383	0.383
52166	68132	Mercury	1	4.72	4.72
52167	68132	Mercury	1	0.053	0.053
52177	68132	Mercury	1	2.77	2.77
52178	68132	Mercury	1	0.597	0.597
52181	68132	Mercury	1	3.52	3.52
52186	68132	Mercury	1	1.42	1.42
52187	68132	Mercury	1	1.59	1.59
52190	68132	Mercury	1	0.0565	0.0565
52192	68132	Mercury	1	0.14	0.14
52198	68132	Mercury	1	0.0563	0.0563
52202	68132	Mercury	1	0.378	0.378
52206	68132	Mercury	1	0.368	0.368
52214	68132	Mercury	1	0.306	0.306
52226	68132	Mercury	1	0.398	0.398
52228	68132	Mercury	1	0.179	0.179
52243	68132	Mercury	1	0.0586	0.0586
52244	68132	Mercury	1	0.0848	0.0848
52246	68132	Mercury	1	0.055	0.055
52327	68132	Mercury	1	0.0817	0.0817
52336	68132	Mercury	1	0.657	0.657
52356	68132	Mercury	1	0.0729	0.0729
52357	68132	Mercury	1	0.0938	0.0938
52367	68132	Mercury	1	0.0595	0.0595
52378	68132	Mercury	1	0.131	0.131
52386	68132	Mercury	1	0.104	0.104
52387	68132	Mercury	1	0.125	0.125
52411	68132	Mercury	1	0.113	0.113
63007	68132	Mercury	1	0.126	0.126
66781	68132	Mercury	1	0.222	0.222
66791	68132	Mercury	1	0.125	0.125
92431	68132	Mercury	1	0.329	0.329
2133	68104	Molybdenum	1	1	1
5026	68104	Molybdenum	1	1	1
5143	68104	Molybdenum	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5144	68104	Molybdenum	1	1	1
5145	68104	Molybdenum	1	1	1
5147	68104	Molybdenum	1	1	1
2229	68105	Molybdenum	1	1	1
5054	68105	Molybdenum	1	1	1
5057	68105	Molybdenum	1	1	1
5105	68105	Molybdenum	1	1	1
5109	68105	Molybdenum	1	1	1
5110	68105	Molybdenum	1	1	1
5112	68105	Molybdenum	1	1	1
5117	68105	Molybdenum	1	1	1
5123	68105	Molybdenum	1	1	1
5128	68105	Molybdenum	1	1	1
5129	68105	Molybdenum	1	1	1
5132	68105	Molybdenum	1	1	1
5134	68105	Molybdenum	1	1	1
2030	68107	Molybdenum	1	1	1
2038	68107	Molybdenum	1	1	1
2104	68107	Molybdenum	1	1	1
2124	68107	Molybdenum	1	1	1
2167	68107	Molybdenum	1	1	1
2206	68107	Molybdenum	1	1	1
2252	68107	Molybdenum	1	1	1
2273	68107	Molybdenum	1	1	1
3003	68107	Molybdenum	1	1	1
3021	68107	Molybdenum	1	1	1
5066	68107	Molybdenum	1	1	1
5076	68107	Molybdenum	1	1	1
5130	68107	Molybdenum	1	1	1
5157	68107	Molybdenum	1	1	1
5159	68107	Molybdenum	1	1	1
5161	68107	Molybdenum	1	1	1
5163	68107	Molybdenum	1	1	1
5165	68107	Molybdenum	1	1	1
5166	68107	Molybdenum	1	1	1
5172	68107	Molybdenum	1	1	1
5176	68107	Molybdenum	1	1	1
5178	68107	Molybdenum	1	1	1
5180	68107	Molybdenum	1	1	1
5182	68107	Molybdenum	1	1	1
5183	68107	Molybdenum	1	1	1
5185	68107	Molybdenum	1	1	1
5211	68107	Molybdenum	1	1	1
5212	68107	Molybdenum	1	1	1
2170	68108	Molybdenum	1	1	1
5225	68108	Molybdenum	1	1	1
5227	68108	Molybdenum	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5229	68108	Molybdenum	1	1	1
5284	68108	Molybdenum	1	1	1
5300	68108	Molybdenum	1	1	1
5304	68108	Molybdenum	1	1	1
5306	68108	Molybdenum	1	1	1
2069	68110	Molybdenum	1	1	1
2354	68110	Molybdenum	1	1	1
5258	68110	Molybdenum	1	1	1
2035	68111	Molybdenum	1	1	1
2075	68111	Molybdenum	1	1	1
2103	68111	Molybdenum	1	1	1
2109	68111	Molybdenum	1	1	1
2121	68111	Molybdenum	1	1	1
2126	68111	Molybdenum	1	1	1
2154	68111	Molybdenum	1	1	1
2179	68111	Molybdenum	1	1	1
2216	68111	Molybdenum	1	1	1
2225	68111	Molybdenum	1	1	1
2231	68111	Molybdenum	1	1	1
2262	68111	Molybdenum	1	1	1
5013	68111	Molybdenum	1	1	1
5085	68111	Molybdenum	1	1	1
5170	68111	Molybdenum	1	1	1
5171	68111	Molybdenum	1	1	1
5204	68111	Molybdenum	1	1	1
5206	68111	Molybdenum	1	1	1
5208	68111	Molybdenum	1	1	1
5215	68111	Molybdenum	1	1	1
5221	68111	Molybdenum	1	1	1
5230	68111	Molybdenum	1	1	1
5232	68111	Molybdenum	1	1	1
5234	68111	Molybdenum	1	1	1
5236	68111	Molybdenum	1	1	1
5238	68111	Molybdenum	1	1	1
5240	68111	Molybdenum	1	1	1
5242	68111	Molybdenum	1	1	1
5246	68111	Molybdenum	1	1	1
5288	68111	Molybdenum	1	1	1
5296	68111	Molybdenum	1	1	1
2269	68112	Molybdenum	1	1	1
2097	68131	Molybdenum	1	1	1
2156	68131	Molybdenum	1	1	1
5037	68131	Molybdenum	1	1	1
5150	68131	Molybdenum	1	1	1
5153	68131	Molybdenum	1	1	1
5186	68131	Molybdenum	1	1	1
5188	68131	Molybdenum	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5195	68131	Molybdenum	1	1	1
5197	68131	Molybdenum	1	1	1
5260	68131	Molybdenum	1	1	1
5272	68131	Molybdenum	1	1	1
5278	68131	Molybdenum	1	1	1
5298	68131	Molybdenum	1	1	1
5139	68132	Molybdenum	1	1	1
5140	68132	Molybdenum	1	1	1
5313	68132	Molybdenum	1	1	1
5317	68132	Molybdenum	1	1	1
22493	68102	Nickel	1	28.6	28.6
25567	68102	Nickel	1	23.5	23.5
25717	68102	Nickel	1	18.2	18.2
25720	68102	Nickel	1	27.1	27.1
25914	68102	Nickel	1	21.9	21.9
90101	68102	Nickel	1	22.1	22.1
2133	68104	Nickel	1	15.1	15.1
5026	68104	Nickel	1	19.7	19.7
5143	68104	Nickel	1	16.6	16.6
5144	68104	Nickel	1	18.1	18.1
5145	68104	Nickel	1	15.1	15.1
5147	68104	Nickel	1	12.5	12.5
50647	68104	Nickel	1	22.5	22.5
1626	68105	Nickel	1	20.1	20.1
2229	68105	Nickel	1	19.7	19.7
2299	68105	Nickel	1	19.5	19.5
2300	68105	Nickel	1	20.6	20.6
2308	68105	Nickel	1	18.3	18.3
2441	68105	Nickel	1	21.9	21.9
2448	68105	Nickel	1	18.8	18.8
2465	68105	Nickel	1	20.6	20.6
3076	68105	Nickel	1	20	20
3118	68105	Nickel	1	22.3	22.3
5054	68105	Nickel	1	16	16
5057	68105	Nickel	1	19.7	19.7
5105	68105	Nickel	1	18.3	18.3
5109	68105	Nickel	1	12.9	12.9
5110	68105	Nickel	1	20.8	20.8
5112	68105	Nickel	1	18.1	18.1
5117	68105	Nickel	1	19.8	19.8
5123	68105	Nickel	1	19.2	19.2
5128	68105	Nickel	1	18	18
5129	68105	Nickel	1	17.7	17.7
5132	68105	Nickel	1	20.1	20.1
5134	68105	Nickel	1	21.3	21.3
5325	68105	Nickel	1	20.6	20.6
5338	68105	Nickel	1	17.2	17.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5347	68105	Nickel	1	20.9	20.9
5351	68105	Nickel	1	0.128	0.128
5352	68105	Nickel	1	22.3	22.3
5355	68105	Nickel	1	21.7	21.7
5356	68105	Nickel	1	21.4	21.4
5357	68105	Nickel	1	23.1	23.1
5359	68105	Nickel	1	24.9	24.9
5361	68105	Nickel	1	15.5	15.5
5363	68105	Nickel	1	22.7	22.7
5364	68105	Nickel	1	24.3	24.3
5365	68105	Nickel	1	21.9	21.9
5367	68105	Nickel	1	20.1	20.1
5486	68105	Nickel	1	15.8	15.8
5488	68105	Nickel	1	15.8	15.8
5489	68105	Nickel	1	18.9	18.9
5495	68105	Nickel	1	20.8	20.8
5509	68105	Nickel	1	20.6	20.6
5610	68105	Nickel	1	22.7	22.7
12784	68105	Nickel	1	16.9	16.9
12864	68105	Nickel	1	18	18
12875	68105	Nickel	1	19.7	19.7
12886	68105	Nickel	1	21.2	21.2
12964	68105	Nickel	1	18.6	18.6
12995	68105	Nickel	1	23.2	23.2
13069	68105	Nickel	1	25.4	25.4
13073	68105	Nickel	1	23.9	23.9
13092	68105	Nickel	1	20.4	20.4
13166	68105	Nickel	1	21.2	21.2
13185	68105	Nickel	1	20.4	20.4
13187	68105	Nickel	1	19.6	19.6
13191	68105	Nickel	1	17.7	17.7
13204	68105	Nickel	1	21.8	21.8
13209	68105	Nickel	1	24.6	24.6
13237	68105	Nickel	1	19.2	19.2
13240	68105	Nickel	1	22.5	22.5
13245	68105	Nickel	1	22.6	22.6
13248	68105	Nickel	1	25.8	25.8
13273	68105	Nickel	1	21.7	21.7
13283	68105	Nickel	1	23.2	23.2
13322	68105	Nickel	1	24.4	24.4
13336	68105	Nickel	1	25.8	25.8
13370	68105	Nickel	1	20.3	20.3
13381	68105	Nickel	1	23.6	23.6
13389	68105	Nickel	1	20.5	20.5
13403	68105	Nickel	1	21.8	21.8
13437	68105	Nickel	1	22.1	22.1
13438	68105	Nickel	1	26.1	26.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13460	68105	Nickel	1	21.1	21.1
13476	68105	Nickel	1	23.5	23.5
13573	68105	Nickel	1	23.6	23.6
13577	68105	Nickel	1	24.2	24.2
13611	68105	Nickel	1	19.9	19.9
13656	68105	Nickel	1	22.6	22.6
13690	68105	Nickel	1	28.5	28.5
13731	68105	Nickel	1	24.3	24.3
13735	68105	Nickel	1	21	21
13741	68105	Nickel	1	23.4	23.4
13745	68105	Nickel	1	31.4	31.4
13779	68105	Nickel	1	26.9	26.9
13790	68105	Nickel	1	26.2	26.2
13791	68105	Nickel	1	20.8	20.8
13793	68105	Nickel	1	30.8	30.8
13851	68105	Nickel	1	19.9	19.9
13863	68105	Nickel	1	28.4	28.4
13869	68105	Nickel	1	16.3	16.3
13871	68105	Nickel	1	20.4	20.4
13880	68105	Nickel	1	23	23
13918	68105	Nickel	1	17.8	17.8
13919	68105	Nickel	1	22.7	22.7
13935	68105	Nickel	1	22.5	22.5
13984	68105	Nickel	1	21.9	21.9
14003	68105	Nickel	1	21.8	21.8
14024	68105	Nickel	1	23.2	23.2
14050	68105	Nickel	1	17.2	17.2
14063	68105	Nickel	1	26.7	26.7
14080	68105	Nickel	1	15.8	15.8
14098	68105	Nickel	1	25.7	25.7
14199	68105	Nickel	1	28.6	28.6
14238	68105	Nickel	1	24.9	24.9
14322	68105	Nickel	1	20.6	20.6
14326	68105	Nickel	1	22.6	22.6
14341	68105	Nickel	1	14.3	14.3
14407	68105	Nickel	1	24.5	24.5
14410	68105	Nickel	1	23.7	23.7
14460	68105	Nickel	1	19.5	19.5
14492	68105	Nickel	1	22.8	22.8
14525	68105	Nickel	1	26.2	26.2
14528	68105	Nickel	1	21.8	21.8
14536	68105	Nickel	1	25	25
14544	68105	Nickel	1	19.6	19.6
14556	68105	Nickel	1	24.3	24.3
14557	68105	Nickel	1	22.5	22.5
14577	68105	Nickel	1	24.7	24.7
14602	68105	Nickel	1	18.7	18.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14647	68105	Nickel	1	21.8	21.8
14656	68105	Nickel	1	27.3	27.3
14688	68105	Nickel	1	50.6	50.6
14718	68105	Nickel	1	23.8	23.8
14739	68105	Nickel	1	21.6	21.6
14752	68105	Nickel	1	24.7	24.7
14780	68105	Nickel	1	22.9	22.9
14817	68105	Nickel	1	15.3	15.3
14823	68105	Nickel	1	22.5	22.5
14860	68105	Nickel	1	19.4	19.4
14885	68105	Nickel	1	24	24
14913	68105	Nickel	1	25.5	25.5
14959	68105	Nickel	1	15.6	15.6
14964	68105	Nickel	1	24.2	24.2
14976	68105	Nickel	1	23.3	23.3
14992	68105	Nickel	1	23.6	23.6
15003	68105	Nickel	1	22	22
15044	68105	Nickel	1	18.9	18.9
15045	68105	Nickel	1	21.7	21.7
15058	68105	Nickel	1	20.8	20.8
15060	68105	Nickel	1	16.5	16.5
15091	68105	Nickel	1	20.1	20.1
15106	68105	Nickel	1	22.9	22.9
15166	68105	Nickel	1	21.7	21.7
15227	68105	Nickel	1	13.2	13.2
15231	68105	Nickel	1	22.6	22.6
15255	68105	Nickel	1	26.3	26.3
15278	68105	Nickel	1	13.9	13.9
15279	68105	Nickel	1	22.1	22.1
15292	68105	Nickel	1	24.8	24.8
15299	68105	Nickel	1	22.5	22.5
15308	68105	Nickel	1	26.7	26.7
15317	68105	Nickel	1	23.4	23.4
15329	68105	Nickel	1	18.1	18.1
15336	68105	Nickel	1	20.5	20.5
15348	68105	Nickel	1	23.5	23.5
15363	68105	Nickel	1	22.7	22.7
15372	68105	Nickel	1	23.6	23.6
15416	68105	Nickel	2	21.15	21.4
15496	68105	Nickel	1	20.6	20.6
15519	68105	Nickel	1	19.8	19.8
15526	68105	Nickel	1	19.6	19.6
15577	68105	Nickel	1	25.7	25.7
15587	68105	Nickel	1	23.8	23.8
15611	68105	Nickel	1	20.8	20.8
15651	68105	Nickel	1	23.9	23.9
15686	68105	Nickel	1	22.3	22.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15695	68105	Nickel	1	22.6	22.6
15728	68105	Nickel	1	21.3	21.3
15801	68105	Nickel	1	20	20
15835	68105	Nickel	1	22.6	22.6
15842	68105	Nickel	1	18.9	18.9
15871	68105	Nickel	1	16.1	16.1
15891	68105	Nickel	1	23.7	23.7
15918	68105	Nickel	1	23.8	23.8
15959	68105	Nickel	1	23	23
15985	68105	Nickel	1	24.2	24.2
15988	68105	Nickel	1	12.5	12.5
16027	68105	Nickel	1	15.1	15.1
16072	68105	Nickel	1	20.6	20.6
16094	68105	Nickel	1	20.4	20.4
16098	68105	Nickel	1	24.9	24.9
16123	68105	Nickel	1	22.3	22.3
16155	68105	Nickel	1	22	22
16169	68105	Nickel	1	19.3	19.3
16182	68105	Nickel	1	19.1	19.1
16186	68105	Nickel	1	24.3	24.3
16230	68105	Nickel	1	22.6	22.6
16236	68105	Nickel	1	21.2	21.2
16243	68105	Nickel	1	25.1	25.1
16271	68105	Nickel	1	30.7	30.7
16308	68105	Nickel	1	16.4	16.4
16309	68105	Nickel	1	22.2	22.2
16321	68105	Nickel	1	22.5	22.5
16333	68105	Nickel	1	25.1	25.1
16364	68105	Nickel	1	18.1	18.1
16365	68105	Nickel	1	17.6	17.6
16384	68105	Nickel	1	24	24
16395	68105	Nickel	1	25.8	25.8
16420	68105	Nickel	1	25.9	25.9
16472	68105	Nickel	1	26.9	26.9
16473	68105	Nickel	1	23.9	23.9
16478	68105	Nickel	1	22	22
16486	68105	Nickel	1	16.7	16.7
16499	68105	Nickel	1	22	22
16545	68105	Nickel	1	21.8	21.8
16572	68105	Nickel	1	22.7	22.7
16589	68105	Nickel	1	24.4	24.4
16618	68105	Nickel	1	23.7	23.7
16646	68105	Nickel	1	23.5	23.5
16668	68105	Nickel	1	20.6	20.6
16749	68105	Nickel	1	21.8	21.8
16772	68105	Nickel	1	23.8	23.8
16777	68105	Nickel	1	21	21

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16793	68105	Nickel	1	21	21
16851	68105	Nickel	1	25.4	25.4
16866	68105	Nickel	1	26.2	26.2
16869	68105	Nickel	1	19.9	19.9
16889	68105	Nickel	1	19	19
16893	68105	Nickel	1	21.3	21.3
16922	68105	Nickel	1	25.4	25.4
16928	68105	Nickel	1	21.9	21.9
16946	68105	Nickel	1	21.8	21.8
16963	68105	Nickel	1	20.8	20.8
16974	68105	Nickel	1	21.5	21.5
17040	68105	Nickel	1	23	23
17055	68105	Nickel	1	19.7	19.7
17065	68105	Nickel	1	20.8	20.8
17076	68105	Nickel	1	22.9	22.9
17097	68105	Nickel	1	24.1	24.1
17108	68105	Nickel	1	23	23
17142	68105	Nickel	1	25.2	25.2
17179	68105	Nickel	1	22.4	22.4
17198	68105	Nickel	1	24.2	24.2
17199	68105	Nickel	1	20.7	20.7
17270	68105	Nickel	1	19.4	19.4
17298	68105	Nickel	1	21.1	21.1
17300	68105	Nickel	1	16.3	16.3
17348	68105	Nickel	1	21	21
17374	68105	Nickel	1	20.4	20.4
17379	68105	Nickel	1	22.3	22.3
17542	68105	Nickel	1	19.2	19.2
17557	68105	Nickel	1	20.7	20.7
17719	68105	Nickel	1	19.1	19.1
17725	68105	Nickel	1	22.3	22.3
17745	68105	Nickel	1	22.8	22.8
17753	68105	Nickel	1	20.4	20.4
17802	68105	Nickel	1	20	20
17803	68105	Nickel	1	20.6	20.6
17827	68105	Nickel	1	23.3	23.3
17876	68105	Nickel	1	19.8	19.8
17899	68105	Nickel	1	23.6	23.6
17918	68105	Nickel	1	22	22
17934	68105	Nickel	1	21	21
17935	68105	Nickel	1	21.7	21.7
18036	68105	Nickel	1	24.9	24.9
18133	68105	Nickel	1	17.2	17.2
18147	68105	Nickel	1	22.5	22.5
18177	68105	Nickel	1	19.2	19.2
18187	68105	Nickel	1	22.5	22.5
18189	68105	Nickel	1	23.1	23.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18281	68105	Nickel	1	24.3	24.3
18321	68105	Nickel	1	24.4	24.4
18349	68105	Nickel	1	24.9	24.9
18452	68105	Nickel	1	22.2	22.2
18453	68105	Nickel	1	20	20
18469	68105	Nickel	1	22.4	22.4
18499	68105	Nickel	1	25	25
18561	68105	Nickel	1	20.1	20.1
18573	68105	Nickel	1	23.9	23.9
18598	68105	Nickel	1	22.4	22.4
18610	68105	Nickel	1	24.3	24.3
18654	68105	Nickel	1	23.1	23.1
18661	68105	Nickel	1	19.2	19.2
18673	68105	Nickel	1	20.4	20.4
18676	68105	Nickel	1	24	24
18693	68105	Nickel	1	28.3	28.3
18757	68105	Nickel	1	19.1	19.1
18787	68105	Nickel	1	20.1	20.1
18797	68105	Nickel	1	21.4	21.4
18825	68105	Nickel	1	25.7	25.7
18839	68105	Nickel	1	18.9	18.9
18871	68105	Nickel	1	32	32
18882	68105	Nickel	1	20.3	20.3
18898	68105	Nickel	1	24.1	24.1
18927	68105	Nickel	1	30.7	30.7
18934	68105	Nickel	1	37.9	37.9
19015	68105	Nickel	1	25.3	25.3
19028	68105	Nickel	1	18.9	18.9
19127	68105	Nickel	1	21.9	21.9
19129	68105	Nickel	1	25.2	25.2
19169	68105	Nickel	1	21.3	21.3
19288	68105	Nickel	1	22.7	22.7
19310	68105	Nickel	1	26.9	26.9
19334	68105	Nickel	1	20	20
19344	68105	Nickel	1	25.3	25.3
19448	68105	Nickel	1	21.2	21.2
19485	68105	Nickel	1	19.4	19.4
19489	68105	Nickel	1	24	24
19496	68105	Nickel	1	20.7	20.7
19561	68105	Nickel	1	23.9	23.9
19602	68105	Nickel	1	23.1	23.1
19612	68105	Nickel	1	23.2	23.2
19655	68105	Nickel	1	21.8	21.8
19671	68105	Nickel	1	23	23
19676	68105	Nickel	1	21.1	21.1
19728	68105	Nickel	1	24.2	24.2
19729	68105	Nickel	1	23.8	23.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19768	68105	Nickel	1	22.4	22.4
19787	68105	Nickel	1	28.3	28.3
19791	68105	Nickel	1	30.4	30.4
19812	68105	Nickel	1	17.3	17.3
19831	68105	Nickel	1	22.8	22.8
19839	68105	Nickel	1	23.1	23.1
19858	68105	Nickel	1	22.8	22.8
19864	68105	Nickel	1	24.7	24.7
19915	68105	Nickel	1	20.4	20.4
19923	68105	Nickel	1	24.3	24.3
19932	68105	Nickel	1	18.9	18.9
19938	68105	Nickel	1	26.9	26.9
19972	68105	Nickel	1	19.2	19.2
19976	68105	Nickel	1	15.4	15.4
19987	68105	Nickel	1	19.8	19.8
20069	68105	Nickel	1	26	26
20080	68105	Nickel	1	23.7	23.7
20105	68105	Nickel	1	19.6	19.6
20110	68105	Nickel	1	27.2	27.2
20128	68105	Nickel	1	21	21
20170	68105	Nickel	1	23.6	23.6
20218	68105	Nickel	1	25.1	25.1
20236	68105	Nickel	1	21.6	21.6
20313	68105	Nickel	1	19.4	19.4
20315	68105	Nickel	1	13.5	13.5
20342	68105	Nickel	1	20.5	20.5
20420	68105	Nickel	1	21	21
20426	68105	Nickel	1	22	22
20452	68105	Nickel	1	11.7	11.7
20470	68105	Nickel	1	26.6	26.6
20471	68105	Nickel	1	15.4	15.4
20477	68105	Nickel	1	14	14
20506	68105	Nickel	1	17.9	17.9
20510	68105	Nickel	1	22.5	22.5
20535	68105	Nickel	1	25.1	25.1
20545	68105	Nickel	1	27.1	27.1
20557	68105	Nickel	1	16.7	16.7
20584	68105	Nickel	1	20	20
20590	68105	Nickel	1	24.1	24.1
20603	68105	Nickel	1	21.3	21.3
20610	68105	Nickel	1	17.4	17.4
20612	68105	Nickel	1	26.8	26.8
20656	68105	Nickel	1	23.1	23.1
20674	68105	Nickel	1	33.1	33.1
20685	68105	Nickel	1	20.8	20.8
20702	68105	Nickel	1	16.4	16.4
20759	68105	Nickel	1	20.6	20.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20777	68105	Nickel	1	20.5	20.5
20823	68105	Nickel	1	26	26
20845	68105	Nickel	1	2.4	2.4
20856	68105	Nickel	1	19.6	19.6
20883	68105	Nickel	1	22.3	22.3
20908	68105	Nickel	1	21.2	21.2
20925	68105	Nickel	1	16.9	16.9
20945	68105	Nickel	1	20.6	20.6
20961	68105	Nickel	1	24.6	24.6
20964	68105	Nickel	1	22.1	22.1
21005	68105	Nickel	1	17.4	17.4
21012	68105	Nickel	1	21.7	21.7
21019	68105	Nickel	1	13.9	13.9
21053	68105	Nickel	1	22.5	22.5
21064	68105	Nickel	1	25.7	25.7
21068	68105	Nickel	1	23.8	23.8
21079	68105	Nickel	1	21.5	21.5
21097	68105	Nickel	1	26	26
21110	68105	Nickel	1	22.3	22.3
21136	68105	Nickel	1	24.8	24.8
21143	68105	Nickel	1	23.6	23.6
21148	68105	Nickel	1	24.2	24.2
21150	68105	Nickel	1	17.8	17.8
21265	68105	Nickel	1	29.6	29.6
21268	68105	Nickel	1	22.2	22.2
21283	68105	Nickel	1	19.5	19.5
21309	68105	Nickel	1	22.3	22.3
21336	68105	Nickel	1	24	24
21355	68105	Nickel	1	23.5	23.5
21390	68105	Nickel	1	19.6	19.6
21394	68105	Nickel	1	14.3	14.3
21436	68105	Nickel	1	17.5	17.5
21454	68105	Nickel	1	22.9	22.9
21490	68105	Nickel	1	16.3	16.3
21498	68105	Nickel	1	122	122
21513	68105	Nickel	1	23.7	23.7
21535	68105	Nickel	1	23.7	23.7
21551	68105	Nickel	1	21	21
21560	68105	Nickel	1	21.9	21.9
21565	68105	Nickel	1	20.8	20.8
21578	68105	Nickel	1	26.4	26.4
21609	68105	Nickel	1	24.5	24.5
21614	68105	Nickel	1	27.3	27.3
21625	68105	Nickel	1	21.2	21.2
21653	68105	Nickel	1	21.8	21.8
21677	68105	Nickel	1	24.1	24.1
21689	68105	Nickel	1	24.4	24.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21705	68105	Nickel	1	22.9	22.9
21714	68105	Nickel	1	22.6	22.6
21720	68105	Nickel	1	24.1	24.1
21724	68105	Nickel	1	22.7	22.7
21730	68105	Nickel	1	21.6	21.6
21744	68105	Nickel	1	21.8	21.8
21811	68105	Nickel	1	19.6	19.6
21815	68105	Nickel	1	18	18
21822	68105	Nickel	1	20.4	20.4
21836	68105	Nickel	1	22.2	22.2
21881	68105	Nickel	1	5.41	5.41
21884	68105	Nickel	1	21.3	21.3
21901	68105	Nickel	1	21.9	21.9
21916	68105	Nickel	1	17.2	17.2
21925	68105	Nickel	1	26.8	26.8
21941	68105	Nickel	1	21.8	21.8
21956	68105	Nickel	1	20.9	20.9
21981	68105	Nickel	1	29.5	29.5
21985	68105	Nickel	1	22	22
21989	68105	Nickel	1	22.5	22.5
22006	68105	Nickel	1	18.3	18.3
22013	68105	Nickel	1	17.2	17.2
22024	68105	Nickel	1	25.2	25.2
22025	68105	Nickel	1	22.2	22.2
22027	68105	Nickel	1	23.3	23.3
22034	68105	Nickel	1	21.3	21.3
22036	68105	Nickel	1	19.6	19.6
22039	68105	Nickel	1	19.5	19.5
22044	68105	Nickel	1	22.9	22.9
22046	68105	Nickel	1	22.3	22.3
22056	68105	Nickel	1	27.5	27.5
22061	68105	Nickel	1	20.6	20.6
22074	68105	Nickel	1	22.5	22.5
22079	68105	Nickel	1	19.8	19.8
22080	68105	Nickel	1	33.3	33.3
22177	68105	Nickel	1	25	25
22181	68105	Nickel	1	21.9	21.9
22183	68105	Nickel	1	20.8	20.8
22230	68105	Nickel	1	19.5	19.5
22273	68105	Nickel	1	19.2	19.2
22295	68105	Nickel	1	19.2	19.2
22320	68105	Nickel	1	16.1	16.1
22344	68105	Nickel	1	22.8	22.8
22358	68105	Nickel	1	23.1	23.1
22386	68105	Nickel	1	22.1	22.1
22399	68105	Nickel	1	25.7	25.7
22405	68105	Nickel	1	25	25

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22453	68105	Nickel	1	24.6	24.6
22563	68105	Nickel	1	21.3	21.3
22574	68105	Nickel	1	24.1	24.1
22636	68105	Nickel	1	19.3	19.3
22715	68105	Nickel	1	22.2	22.2
22716	68105	Nickel	1	19	19
22754	68105	Nickel	1	22.5	22.5
22772	68105	Nickel	1	26.1	26.1
22832	68105	Nickel	1	19.4	19.4
49272	68105	Nickel	1	24.5	24.5
49289	68105	Nickel	1	22.1	22.1
50528	68105	Nickel	1	21.1	21.1
50574	68105	Nickel	1	23.4	23.4
90427	68105	Nickel	1	22.7	22.7
93120	68105	Nickel	1	21.2	21.2
93354	68105	Nickel	1	20.9	20.9
93358	68105	Nickel	1	18.2	18.2
93364	68105	Nickel	1	21.5	21.5
93381	68105	Nickel	1	19.9	19.9
51011	68106	Nickel	1	22.3	22.3
51029	68106	Nickel	1	21.1	21.1
51034	68106	Nickel	1	19.7	19.7
51037	68106	Nickel	1	19.6	19.6
51041	68106	Nickel	1	22.6	22.6
51046	68106	Nickel	1	21.8	21.8
51047	68106	Nickel	1	23.1	23.1
51052	68106	Nickel	1	22.7	22.7
51058	68106	Nickel	1	18.5	18.5
51064	68106	Nickel	1	3.5	3.5
51065	68106	Nickel	1	24.2	24.2
51079	68106	Nickel	1	12.7	12.7
51080	68106	Nickel	1	24.7	24.7
51082	68106	Nickel	1	20.4	20.4
51089	68106	Nickel	1	21.4	21.4
51093	68106	Nickel	1	13.4	13.4
51101	68106	Nickel	1	22.9	22.9
51102	68106	Nickel	1	19	19
51113	68106	Nickel	1	25.3	25.3
51116	68106	Nickel	1	20.4	20.4
51118	68106	Nickel	1	26.5	26.5
51120	68106	Nickel	1	27.3	27.3
51123	68106	Nickel	1	16.3	16.3
51126	68106	Nickel	1	25.4	25.4
51127	68106	Nickel	1	18.1	18.1
51132	68106	Nickel	1	21.5	21.5
51133	68106	Nickel	1	18.3	18.3
51143	68106	Nickel	1	17.9	17.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51155	68106	Nickel	1	17.4	17.4
51158	68106	Nickel	1	23.1	23.1
51160	68106	Nickel	1	18.1	18.1
51162	68106	Nickel	1	21.2	21.2
51184	68106	Nickel	1	23.9	23.9
2030	68107	Nickel	1	21.8	21.8
2038	68107	Nickel	1	19.2	19.2
2056	68107	Nickel	1	24.2	24.2
2104	68107	Nickel	1	13.4	13.4
2124	68107	Nickel	1	23.6	23.6
2167	68107	Nickel	1	19.2	19.2
2206	68107	Nickel	1	19.8	19.8
2220	68107	Nickel	1	21.2	21.2
2252	68107	Nickel	1	21.2	21.2
2273	68107	Nickel	1	20.2	20.2
2292	68107	Nickel	1	20.5	20.5
2496	68107	Nickel	1	19.6	19.6
2499	68107	Nickel	1	21.4	21.4
3003	68107	Nickel	1	21.7	21.7
3021	68107	Nickel	1	25.6	25.6
3074	68107	Nickel	1	16.6	16.6
3121	68107	Nickel	1	24.6	24.6
5066	68107	Nickel	1	18.3	18.3
5076	68107	Nickel	1	20.2	20.2
5130	68107	Nickel	1	21.5	21.5
5157	68107	Nickel	1	24	24
5159	68107	Nickel	1	21.6	21.6
5161	68107	Nickel	1	20.6	20.6
5163	68107	Nickel	1	21.6	21.6
5165	68107	Nickel	1	20	20
5166	68107	Nickel	1	21.5	21.5
5172	68107	Nickel	1	17.5	17.5
5176	68107	Nickel	1	23.2	23.2
5178	68107	Nickel	1	18	18
5180	68107	Nickel	1	21	21
5182	68107	Nickel	1	18.9	18.9
5183	68107	Nickel	1	18.6	18.6
5185	68107	Nickel	1	22.1	22.1
5211	68107	Nickel	1	15.3	15.3
5212	68107	Nickel	1	18.5	18.5
10008	68107	Nickel	1	21.2	21.2
10018	68107	Nickel	1	15.3	15.3
10044	68107	Nickel	1	20.2	20.2
10046	68107	Nickel	1	23.5	23.5
10072	68107	Nickel	1	20.1	20.1
10073	68107	Nickel	1	19.3	19.3
10088	68107	Nickel	1	17.4	17.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10095	68107	Nickel	1	23.3	23.3
10111	68107	Nickel	1	55	55
10130	68107	Nickel	1	20	20
10134	68107	Nickel	1	21.8	21.8
10214	68107	Nickel	1	22.2	22.2
10241	68107	Nickel	1	19.2	19.2
10290	68107	Nickel	1	18.6	18.6
10295	68107	Nickel	1	22.2	22.2
10299	68107	Nickel	1	44.3	44.3
10310	68107	Nickel	1	19	19
10328	68107	Nickel	1	24.4	24.4
10329	68107	Nickel	1	19.1	19.1
10387	68107	Nickel	1	24.9	24.9
10401	68107	Nickel	2	19.65	20.1
10403	68107	Nickel	1	22.4	22.4
10425	68107	Nickel	1	21.6	21.6
10432	68107	Nickel	1	24.2	24.2
10455	68107	Nickel	1	20.8	20.8
10458	68107	Nickel	1	23.9	23.9
10468	68107	Nickel	1	20.4	20.4
10471	68107	Nickel	1	27.7	27.7
10484	68107	Nickel	1	22.9	22.9
10492	68107	Nickel	1	26.2	26.2
10500	68107	Nickel	1	21.6	21.6
10508	68107	Nickel	1	19.2	19.2
10513	68107	Nickel	1	19.9	19.9
10538	68107	Nickel	1	13.5	13.5
10543	68107	Nickel	1	27.8	27.8
10548	68107	Nickel	1	19.6	19.6
10578	68107	Nickel	1	23.6	23.6
10582	68107	Nickel	1	19.1	19.1
10622	68107	Nickel	1	19.8	19.8
10633	68107	Nickel	1	21.7	21.7
10650	68107	Nickel	1	19.8	19.8
10654	68107	Nickel	1	20.5	20.5
10662	68107	Nickel	1	26.3	26.3
10670	68107	Nickel	1	48.2	48.2
10687	68107	Nickel	1	26.1	26.1
10707	68107	Nickel	1	20.8	20.8
10720	68107	Nickel	1	24.1	24.1
10735	68107	Nickel	1	12.4	12.4
10738	68107	Nickel	1	19.4	19.4
10794	68107	Nickel	1	23.8	23.8
10814	68107	Nickel	1	20.1	20.1
10822	68107	Nickel	1	27.2	27.2
10831	68107	Nickel	1	18.5	18.5
10834	68107	Nickel	1	19.5	19.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10842	68107	Nickel	1	41.3	41.3
10848	68107	Nickel	1	11.1	11.1
10858	68107	Nickel	1	22	22
10860	68107	Nickel	1	22	22
10870	68107	Nickel	1	24.7	24.7
10876	68107	Nickel	1	21.2	21.2
10877	68107	Nickel	1	22	22
10880	68107	Nickel	1	23.7	23.7
10895	68107	Nickel	1	21.2	21.2
10909	68107	Nickel	1	21.2	21.2
10914	68107	Nickel	1	23	23
10920	68107	Nickel	1	21.4	21.4
10925	68107	Nickel	1	21.2	21.2
10931	68107	Nickel	1	15.8	15.8
10938	68107	Nickel	1	21.5	21.5
10944	68107	Nickel	1	23.5	23.5
10947	68107	Nickel	1	17	17
10950	68107	Nickel	1	27	27
10965	68107	Nickel	1	26.5	26.5
10970	68107	Nickel	1	23.9	23.9
10990	68107	Nickel	1	19.7	19.7
10991	68107	Nickel	1	23.7	23.7
11036	68107	Nickel	1	25.5	25.5
11069	68107	Nickel	1	21.4	21.4
11070	68107	Nickel	1	24.8	24.8
11082	68107	Nickel	1	25.4	25.4
11094	68107	Nickel	1	18.8	18.8
11107	68107	Nickel	1	21.3	21.3
11118	68107	Nickel	1	20.4	20.4
11142	68107	Nickel	1	19.5	19.5
11155	68107	Nickel	1	20.2	20.2
11172	68107	Nickel	1	20.9	20.9
11179	68107	Nickel	1	24.8	24.8
11191	68107	Nickel	1	24.1	24.1
11194	68107	Nickel	1	18	18
11203	68107	Nickel	1	23.4	23.4
11208	68107	Nickel	1	20.4	20.4
11222	68107	Nickel	1	22.7	22.7
11230	68107	Nickel	1	24.2	24.2
11232	68107	Nickel	1	20.6	20.6
11233	68107	Nickel	1	25.7	25.7
11246	68107	Nickel	1	24.3	24.3
11258	68107	Nickel	1	17.9	17.9
11268	68107	Nickel	1	23.1	23.1
11272	68107	Nickel	1	21.1	21.1
11283	68107	Nickel	1	17.1	17.1
11303	68107	Nickel	1	20.7	20.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11309	68107	Nickel	1	23.3	23.3
11312	68107	Nickel	1	23.1	23.1
11321	68107	Nickel	1	22.9	22.9
11343	68107	Nickel	1	26	26
11349	68107	Nickel	1	27.4	27.4
11367	68107	Nickel	1	20.8	20.8
11372	68107	Nickel	1	22.2	22.2
11385	68107	Nickel	1	18.6	18.6
11387	68107	Nickel	1	23.8	23.8
11400	68107	Nickel	1	22.6	22.6
11403	68107	Nickel	1	18.3	18.3
11408	68107	Nickel	1	22.8	22.8
11410	68107	Nickel	1	16.3	16.3
11416	68107	Nickel	1	21.5	21.5
11423	68107	Nickel	1	19.3	19.3
11439	68107	Nickel	1	28.5	28.5
11444	68107	Nickel	1	23	23
11449	68107	Nickel	1	18.8	18.8
11465	68107	Nickel	1	23.4	23.4
11469	68107	Nickel	1	23.3	23.3
11491	68107	Nickel	1	26.4	26.4
11494	68107	Nickel	1	20.6	20.6
11523	68107	Nickel	1	24.5	24.5
11552	68107	Nickel	1	18.1	18.1
11558	68107	Nickel	1	20.5	20.5
11568	68107	Nickel	1	26	26
11599	68107	Nickel	1	24.8	24.8
11601	68107	Nickel	1	23.1	23.1
11603	68107	Nickel	1	23.1	23.1
11604	68107	Nickel	1	23.2	23.2
11609	68107	Nickel	1	25.7	25.7
11614	68107	Nickel	1	21.9	21.9
11661	68107	Nickel	1	18.5	18.5
11686	68107	Nickel	1	24.8	24.8
11711	68107	Nickel	1	22.8	22.8
11741	68107	Nickel	1	20	20
11754	68107	Nickel	1	25.3	25.3
11765	68107	Nickel	1	27.3	27.3
11777	68107	Nickel	1	24.2	24.2
11807	68107	Nickel	1	27.2	27.2
11829	68107	Nickel	1	26.1	26.1
11842	68107	Nickel	1	23.3	23.3
11865	68107	Nickel	1	27.3	27.3
11894	68107	Nickel	1	20.9	20.9
11902	68107	Nickel	1	21.3	21.3
11910	68107	Nickel	1	25.3	25.3
11941	68107	Nickel	1	22.5	22.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11960	68107	Nickel	1	14.8	14.8
11982	68107	Nickel	1	23.3	23.3
12002	68107	Nickel	1	28.4	28.4
12009	68107	Nickel	1	22.9	22.9
12012	68107	Nickel	1	19.3	19.3
12037	68107	Nickel	1	21.8	21.8
12047	68107	Nickel	1	24.8	24.8
12086	68107	Nickel	1	18	18
12114	68107	Nickel	1	21.3	21.3
12116	68107	Nickel	1	21.3	21.3
12118	68107	Nickel	1	25.1	25.1
12124	68107	Nickel	1	20.1	20.1
12126	68107	Nickel	1	20.9	20.9
12152	68107	Nickel	1	21.9	21.9
12166	68107	Nickel	1	20.2	20.2
12194	68107	Nickel	1	19.9	19.9
12206	68107	Nickel	1	17.6	17.6
12220	68107	Nickel	1	23.4	23.4
12227	68107	Nickel	2	22.75	23
12239	68107	Nickel	1	18.5	18.5
12290	68107	Nickel	1	19	19
12296	68107	Nickel	1	19.9	19.9
12338	68107	Nickel	1	22	22
12344	68107	Nickel	1	22.5	22.5
12351	68107	Nickel	1	18.8	18.8
12372	68107	Nickel	1	20.2	20.2
12388	68107	Nickel	1	23.4	23.4
12407	68107	Nickel	1	22.8	22.8
12410	68107	Nickel	1	23.6	23.6
12414	68107	Nickel	1	18.8	18.8
12424	68107	Nickel	1	24.4	24.4
12439	68107	Nickel	1	13.9	13.9
12449	68107	Nickel	1	22.3	22.3
12457	68107	Nickel	1	22.1	22.1
12506	68107	Nickel	1	25.4	25.4
12514	68107	Nickel	1	22.6	22.6
12529	68107	Nickel	1	21.3	21.3
12530	68107	Nickel	1	20.1	20.1
12547	68107	Nickel	1	24.5	24.5
12551	68107	Nickel	1	24.8	24.8
12567	68107	Nickel	1	25	25
12572	68107	Nickel	1	23.9	23.9
12588	68107	Nickel	1	26.2	26.2
12590	68107	Nickel	1	19	19
12605	68107	Nickel	1	23.1	23.1
12644	68107	Nickel	1	16.7	16.7
12667	68107	Nickel	1	20.5	20.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12714	68107	Nickel	1	21.1	21.1
12729	68107	Nickel	1	29.4	29.4
12741	68107	Nickel	1	15.3	15.3
12755	68107	Nickel	1	19.6	19.6
12761	68107	Nickel	1	17.2	17.2
12794	68107	Nickel	1	21.5	21.5
12830	68107	Nickel	1	22.9	22.9
12848	68107	Nickel	1	18.6	18.6
12858	68107	Nickel	1	24.1	24.1
12871	68107	Nickel	1	23.9	23.9
13038	68107	Nickel	1	25.7	25.7
13045	68107	Nickel	1	22.7	22.7
43676	68107	Nickel	1	22.9	22.9
43691	68107	Nickel	1	24.7	24.7
43698	68107	Nickel	1	22	22
43703	68107	Nickel	1	21.9	21.9
43711	68107	Nickel	1	20.7	20.7
43729	68107	Nickel	1	18.6	18.6
43736	68107	Nickel	1	22.1	22.1
43744	68107	Nickel	1	13.8	13.8
43746	68107	Nickel	1	25	25
43771	68107	Nickel	1	22.2	22.2
43790	68107	Nickel	1	19	19
43793	68107	Nickel	1	19.1	19.1
43800	68107	Nickel	1	24.2	24.2
43813	68107	Nickel	1	22.7	22.7
43843	68107	Nickel	1	21.3	21.3
43853	68107	Nickel	1	15.2	15.2
43869	68107	Nickel	1	21.5	21.5
43874	68107	Nickel	1	19.2	19.2
43892	68107	Nickel	1	25.9	25.9
43912	68107	Nickel	1	20.3	20.3
43933	68107	Nickel	1	17.3	17.3
43942	68107	Nickel	1	18.9	18.9
43945	68107	Nickel	1	21.1	21.1
43949	68107	Nickel	1	23.2	23.2
43962	68107	Nickel	1	26.9	26.9
43978	68107	Nickel	1	20.5	20.5
44002	68107	Nickel	1	23.8	23.8
44025	68107	Nickel	1	21.7	21.7
44037	68107	Nickel	1	20.6	20.6
44047	68107	Nickel	1	21.6	21.6
44063	68107	Nickel	1	18.1	18.1
44066	68107	Nickel	1	26	26
44076	68107	Nickel	1	17.7	17.7
44104	68107	Nickel	1	22.7	22.7
44107	68107	Nickel	1	17.9	17.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44112	68107	Nickel	1	26.2	26.2
44127	68107	Nickel	1	19	19
44130	68107	Nickel	1	16.3	16.3
44133	68107	Nickel	1	20	20
44137	68107	Nickel	1	25.3	25.3
44145	68107	Nickel	1	23.6	23.6
44153	68107	Nickel	1	20.9	20.9
44157	68107	Nickel	1	19.7	19.7
44177	68107	Nickel	1	21.3	21.3
44184	68107	Nickel	1	21.3	21.3
44185	68107	Nickel	1	23.1	23.1
44198	68107	Nickel	1	20.4	20.4
44202	68107	Nickel	1	22.4	22.4
44220	68107	Nickel	1	19.8	19.8
44225	68107	Nickel	1	19.4	19.4
44233	68107	Nickel	1	17.1	17.1
44236	68107	Nickel	1	22.8	22.8
44237	68107	Nickel	1	23	23
44248	68107	Nickel	1	20.1	20.1
44299	68107	Nickel	1	20.9	20.9
44319	68107	Nickel	1	17.5	17.5
44348	68107	Nickel	1	18.2	18.2
44416	68107	Nickel	1	27.2	27.2
44446	68107	Nickel	1	19.5	19.5
44452	68107	Nickel	1	24.7	24.7
44455	68107	Nickel	1	25.8	25.8
44456	68107	Nickel	1	27.6	27.6
44465	68107	Nickel	1	23.7	23.7
44475	68107	Nickel	1	23.3	23.3
44482	68107	Nickel	1	26.6	26.6
44483	68107	Nickel	1	16.7	16.7
44490	68107	Nickel	1	24.7	24.7
44503	68107	Nickel	1	20.1	20.1
44507	68107	Nickel	1	27.7	27.7
44508	68107	Nickel	1	11.2	11.2
44519	68107	Nickel	1	21.4	21.4
44526	68107	Nickel	1	22.2	22.2
44528	68107	Nickel	1	19.9	19.9
44529	68107	Nickel	1	24.1	24.1
44531	68107	Nickel	1	21.7	21.7
44536	68107	Nickel	1	21.7	21.7
44539	68107	Nickel	1	23.1	23.1
44546	68107	Nickel	1	18.4	18.4
44549	68107	Nickel	1	23.4	23.4
44556	68107	Nickel	1	17.8	17.8
44567	68107	Nickel	1	21.3	21.3
44578	68107	Nickel	1	21.9	21.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44581	68107	Nickel	1	22.5	22.5
44589	68107	Nickel	1	23.7	23.7
44590	68107	Nickel	1	16.9	16.9
44592	68107	Nickel	1	19.2	19.2
44597	68107	Nickel	1	16.9	16.9
44617	68107	Nickel	1	22.8	22.8
44619	68107	Nickel	1	21.2	21.2
44623	68107	Nickel	1	27.1	27.1
44626	68107	Nickel	1	18.1	18.1
44636	68107	Nickel	1	22.6	22.6
44640	68107	Nickel	1	25.4	25.4
44644	68107	Nickel	1	22.2	22.2
44668	68107	Nickel	1	23.5	23.5
44700	68107	Nickel	1	18.7	18.7
44711	68107	Nickel	1	14.4	14.4
44725	68107	Nickel	1	24.4	24.4
44727	68107	Nickel	1	17.7	17.7
44738	68107	Nickel	1	19.4	19.4
44740	68107	Nickel	1	25.1	25.1
44741	68107	Nickel	1	28.6	28.6
44747	68107	Nickel	1	25.1	25.1
44753	68107	Nickel	1	20.8	20.8
44755	68107	Nickel	1	23.4	23.4
44756	68107	Nickel	1	16.1	16.1
44768	68107	Nickel	1	17.2	17.2
44790	68107	Nickel	1	20.9	20.9
44798	68107	Nickel	1	23.1	23.1
44810	68107	Nickel	1	18.6	18.6
44814	68107	Nickel	1	23.2	23.2
44822	68107	Nickel	1	26.5	26.5
44854	68107	Nickel	1	17.6	17.6
44857	68107	Nickel	1	25.1	25.1
44869	68107	Nickel	1	18.3	18.3
44877	68107	Nickel	1	17.4	17.4
44902	68107	Nickel	1	24.8	24.8
44923	68107	Nickel	1	19.1	19.1
44927	68107	Nickel	1	17.4	17.4
44935	68107	Nickel	1	17.9	17.9
44939	68107	Nickel	1	18.3	18.3
44943	68107	Nickel	1	18.6	18.6
44955	68107	Nickel	1	18	18
44959	68107	Nickel	1	17.8	17.8
44969	68107	Nickel	1	20.2	20.2
44979	68107	Nickel	1	24.5	24.5
44980	68107	Nickel	1	16.4	16.4
44984	68107	Nickel	1	21.6	21.6
44987	68107	Nickel	1	24.2	24.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44996	68107	Nickel	1	14.7	14.7
45004	68107	Nickel	1	25.1	25.1
45005	68107	Nickel	1	26.8	26.8
45018	68107	Nickel	1	26.5	26.5
45020	68107	Nickel	1	20.6	20.6
45023	68107	Nickel	1	22	22
45034	68107	Nickel	1	24.7	24.7
45044	68107	Nickel	1	18.3	18.3
45056	68107	Nickel	1	25.4	25.4
45072	68107	Nickel	1	22.7	22.7
45073	68107	Nickel	1	23.8	23.8
45077	68107	Nickel	1	22	22
45078	68107	Nickel	1	27.2	27.2
45084	68107	Nickel	1	26.4	26.4
45118	68107	Nickel	1	24.3	24.3
45147	68107	Nickel	1	16.5	16.5
45150	68107	Nickel	1	21.3	21.3
45156	68107	Nickel	1	18.8	18.8
45166	68107	Nickel	1	23.9	23.9
45167	68107	Nickel	1	17.4	17.4
45183	68107	Nickel	1	22.4	22.4
45188	68107	Nickel	1	27.4	27.4
45195	68107	Nickel	1	22.9	22.9
45199	68107	Nickel	1	21.1	21.1
45206	68107	Nickel	1	23.8	23.8
45213	68107	Nickel	1	21.4	21.4
45223	68107	Nickel	1	17.5	17.5
45227	68107	Nickel	1	19.1	19.1
45236	68107	Nickel	1	17.2	17.2
45244	68107	Nickel	1	16.9	16.9
45259	68107	Nickel	1	26.5	26.5
45265	68107	Nickel	1	23.7	23.7
45269	68107	Nickel	1	19	19
45298	68107	Nickel	1	15.2	15.2
45300	68107	Nickel	1	26.6	26.6
45303	68107	Nickel	1	22.1	22.1
45304	68107	Nickel	1	21.8	21.8
45305	68107	Nickel	1	20.7	20.7
45321	68107	Nickel	1	20.6	20.6
45343	68107	Nickel	1	17.6	17.6
45350	68107	Nickel	1	21.8	21.8
45356	68107	Nickel	1	15.9	15.9
45364	68107	Nickel	1	19.8	19.8
45370	68107	Nickel	1	18	18
45390	68107	Nickel	1	16.9	16.9
45393	68107	Nickel	1	22.5	22.5
45404	68107	Nickel	1	23.1	23.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45411	68107	Nickel	1	25.9	25.9
45423	68107	Nickel	1	19.2	19.2
45424	68107	Nickel	1	20	20
45447	68107	Nickel	1	23.9	23.9
45458	68107	Nickel	1	16.5	16.5
45460	68107	Nickel	1	19.1	19.1
45475	68107	Nickel	1	20.4	20.4
45484	68107	Nickel	1	21.9	21.9
45487	68107	Nickel	1	25	25
45494	68107	Nickel	1	16.9	16.9
45495	68107	Nickel	1	14.9	14.9
45503	68107	Nickel	1	18	18
45530	68107	Nickel	1	20.9	20.9
45533	68107	Nickel	1	22.8	22.8
45564	68107	Nickel	1	19.7	19.7
45566	68107	Nickel	1	22.1	22.1
45574	68107	Nickel	1	20.8	20.8
45584	68107	Nickel	1	20.4	20.4
45608	68107	Nickel	1	23	23
45609	68107	Nickel	1	16.5	16.5
45624	68107	Nickel	1	22.6	22.6
45626	68107	Nickel	1	19.9	19.9
45645	68107	Nickel	1	24.6	24.6
45646	68107	Nickel	1	25.4	25.4
45648	68107	Nickel	1	20.4	20.4
45662	68107	Nickel	1	15.3	15.3
45663	68107	Nickel	1	18.2	18.2
45678	68107	Nickel	1	19.8	19.8
45698	68107	Nickel	1	18.2	18.2
45724	68107	Nickel	1	18.8	18.8
45725	68107	Nickel	1	21.3	21.3
45728	68107	Nickel	1	24.6	24.6
45739	68107	Nickel	1	24.2	24.2
45741	68107	Nickel	1	23.4	23.4
45747	68107	Nickel	1	15.2	15.2
45764	68107	Nickel	1	19.9	19.9
45767	68107	Nickel	1	21.8	21.8
45770	68107	Nickel	1	26.4	26.4
45786	68107	Nickel	1	18.5	18.5
45787	68107	Nickel	1	14.3	14.3
45789	68107	Nickel	1	23.2	23.2
45811	68107	Nickel	1	16.4	16.4
45822	68107	Nickel	1	20.9	20.9
45837	68107	Nickel	1	23.8	23.8
45840	68107	Nickel	1	19.5	19.5
45849	68107	Nickel	1	20.8	20.8
45854	68107	Nickel	1	14.9	14.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45883	68107	Nickel	1	22	22
45906	68107	Nickel	1	19.9	19.9
45921	68107	Nickel	1	19.4	19.4
45923	68107	Nickel	1	18.4	18.4
45927	68107	Nickel	1	24.7	24.7
45955	68107	Nickel	1	22.1	22.1
45970	68107	Nickel	1	20.6	20.6
45984	68107	Nickel	1	24.1	24.1
45988	68107	Nickel	1	20.4	20.4
45999	68107	Nickel	1	18.4	18.4
46035	68107	Nickel	1	23.6	23.6
46049	68107	Nickel	1	24.1	24.1
46050	68107	Nickel	1	21.9	21.9
46052	68107	Nickel	1	23.1	23.1
46071	68107	Nickel	1	22.7	22.7
46073	68107	Nickel	1	15.9	15.9
46091	68107	Nickel	1	18.5	18.5
46103	68107	Nickel	1	21.8	21.8
46107	68107	Nickel	1	26.7	26.7
46118	68107	Nickel	1	16	16
46122	68107	Nickel	1	26.6	26.6
46127	68107	Nickel	1	21.8	21.8
46133	68107	Nickel	1	14.6	14.6
46145	68107	Nickel	1	17.1	17.1
46150	68107	Nickel	1	16.9	16.9
46164	68107	Nickel	1	26	26
46168	68107	Nickel	1	21	21
46180	68107	Nickel	1	18.3	18.3
46187	68107	Nickel	1	14.9	14.9
46210	68107	Nickel	1	18.9	18.9
46214	68107	Nickel	1	20.4	20.4
46241	68107	Nickel	1	21.9	21.9
46247	68107	Nickel	1	20.2	20.2
46260	68107	Nickel	1	20.7	20.7
46279	68107	Nickel	1	22.4	22.4
46297	68107	Nickel	1	14.8	14.8
46346	68107	Nickel	1	21.3	21.3
46347	68107	Nickel	1	18.9	18.9
46363	68107	Nickel	1	20.3	20.3
46368	68107	Nickel	1	9.72	9.72
46380	68107	Nickel	1	21.3	21.3
46399	68107	Nickel	1	22.1	22.1
46423	68107	Nickel	1	23.2	23.2
46432	68107	Nickel	1	17.2	17.2
46448	68107	Nickel	1	22.2	22.2
46461	68107	Nickel	1	21.3	21.3
46469	68107	Nickel	1	21.4	21.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46472	68107	Nickel	1	21.6	21.6
46473	68107	Nickel	1	22.2	22.2
46474	68107	Nickel	1	29.2	29.2
46478	68107	Nickel	1	23.2	23.2
46490	68107	Nickel	1	18.9	18.9
46493	68107	Nickel	1	19.3	19.3
46494	68107	Nickel	1	24.1	24.1
46498	68107	Nickel	1	18.5	18.5
46505	68107	Nickel	1	19.2	19.2
46509	68107	Nickel	1	26.4	26.4
46527	68107	Nickel	1	17.8	17.8
46566	68107	Nickel	1	19.6	19.6
46579	68107	Nickel	1	24.3	24.3
46583	68107	Nickel	1	21.3	21.3
46610	68107	Nickel	1	23.2	23.2
46626	68107	Nickel	1	24.1	24.1
46628	68107	Nickel	1	20	20
46637	68107	Nickel	1	22.8	22.8
46655	68107	Nickel	1	22.2	22.2
46662	68107	Nickel	1	21.7	21.7
46664	68107	Nickel	1	20.2	20.2
46672	68107	Nickel	1	17.6	17.6
46673	68107	Nickel	1	19	19
46683	68107	Nickel	1	24.9	24.9
46698	68107	Nickel	1	13.3	13.3
46699	68107	Nickel	1	21.4	21.4
46708	68107	Nickel	1	20.8	20.8
46712	68107	Nickel	1	16.6	16.6
46725	68107	Nickel	1	19.1	19.1
46727	68107	Nickel	1	18.9	18.9
46731	68107	Nickel	1	21.8	21.8
46743	68107	Nickel	1	20.7	20.7
46763	68107	Nickel	1	16.4	16.4
46764	68107	Nickel	1	18.2	18.2
46772	68107	Nickel	1	21.5	21.5
46776	68107	Nickel	1	19	19
46792	68107	Nickel	1	13.6	13.6
46794	68107	Nickel	1	14.9	14.9
46805	68107	Nickel	1	22.5	22.5
46808	68107	Nickel	1	21.7	21.7
46815	68107	Nickel	1	23.7	23.7
46835	68107	Nickel	1	8.19	8.19
46852	68107	Nickel	1	21.7	21.7
46857	68107	Nickel	1	23.7	23.7
46864	68107	Nickel	1	20.1	20.1
46867	68107	Nickel	1	26.1	26.1
46893	68107	Nickel	1	21.4	21.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46916	68107	Nickel	1	18.7	18.7
46919	68107	Nickel	1	24	24
46934	68107	Nickel	1	19.7	19.7
46954	68107	Nickel	1	18.3	18.3
46964	68107	Nickel	1	23.7	23.7
46976	68107	Nickel	1	20.2	20.2
46994	68107	Nickel	1	23.4	23.4
46998	68107	Nickel	1	20.1	20.1
47021	68107	Nickel	1	22	22
47030	68107	Nickel	1	27.1	27.1
47038	68107	Nickel	1	19.5	19.5
47046	68107	Nickel	1	14.5	14.5
47047	68107	Nickel	1	25	25
47052	68107	Nickel	1	15.6	15.6
47058	68107	Nickel	1	39.8	39.8
47088	68107	Nickel	1	22.6	22.6
47090	68107	Nickel	1	24.2	24.2
47106	68107	Nickel	1	24.6	24.6
47139	68107	Nickel	1	21.5	21.5
47140	68107	Nickel	1	28.1	28.1
47147	68107	Nickel	1	24.9	24.9
47148	68107	Nickel	1	1	1
47149	68107	Nickel	1	18.8	18.8
47163	68107	Nickel	1	19.5	19.5
47172	68107	Nickel	1	18.8	18.8
47179	68107	Nickel	1	27.2	27.2
47181	68107	Nickel	1	20.3	20.3
47196	68107	Nickel	1	21.6	21.6
47203	68107	Nickel	1	18.5	18.5
47206	68107	Nickel	1	24.8	24.8
47215	68107	Nickel	1	22	22
47216	68107	Nickel	1	23.2	23.2
47217	68107	Nickel	1	19.2	19.2
47218	68107	Nickel	1	22.1	22.1
47223	68107	Nickel	1	20.3	20.3
47249	68107	Nickel	1	25.3	25.3
47250	68107	Nickel	1	21	21
47259	68107	Nickel	1	23.4	23.4
47274	68107	Nickel	1	21	21
47275	68107	Nickel	1	25.5	25.5
47279	68107	Nickel	1	18.3	18.3
47291	68107	Nickel	1	23.3	23.3
47293	68107	Nickel	1	21.9	21.9
47296	68107	Nickel	1	24.4	24.4
47311	68107	Nickel	1	27.8	27.8
47312	68107	Nickel	1	15.7	15.7
47315	68107	Nickel	1	15.6	15.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47320	68107	Nickel	1	21.8	21.8
47322	68107	Nickel	1	26.3	26.3
47338	68107	Nickel	1	22	22
47339	68107	Nickel	1	27	27
47356	68107	Nickel	1	22.6	22.6
47368	68107	Nickel	1	22.5	22.5
47380	68107	Nickel	1	20.8	20.8
47382	68107	Nickel	1	21.3	21.3
47385	68107	Nickel	1	16.4	16.4
47390	68107	Nickel	1	22.1	22.1
47417	68107	Nickel	1	21.5	21.5
47421	68107	Nickel	1	19.4	19.4
47424	68107	Nickel	1	20.5	20.5
47425	68107	Nickel	1	15.5	15.5
47440	68107	Nickel	1	25.4	25.4
47452	68107	Nickel	1	21.6	21.6
47475	68107	Nickel	1	17.4	17.4
47485	68107	Nickel	1	22.7	22.7
47511	68107	Nickel	1	16.8	16.8
47514	68107	Nickel	1	19.4	19.4
47518	68107	Nickel	1	20.6	20.6
47526	68107	Nickel	1	15.7	15.7
47544	68107	Nickel	1	21.4	21.4
47553	68107	Nickel	1	25.9	25.9
47565	68107	Nickel	1	21.6	21.6
47566	68107	Nickel	1	20.8	20.8
47604	68107	Nickel	1	18.7	18.7
47610	68107	Nickel	1	16.4	16.4
47617	68107	Nickel	1	18.1	18.1
47621	68107	Nickel	1	18.9	18.9
47627	68107	Nickel	1	20.4	20.4
47649	68107	Nickel	1	16.3	16.3
47656	68107	Nickel	1	18.7	18.7
47670	68107	Nickel	1	19.3	19.3
47681	68107	Nickel	1	19.8	19.8
47706	68107	Nickel	1	18.3	18.3
47708	68107	Nickel	1	18.7	18.7
47761	68107	Nickel	1	21.7	21.7
47768	68107	Nickel	1	21.6	21.6
47783	68107	Nickel	1	22.9	22.9
47795	68107	Nickel	1	17.5	17.5
47797	68107	Nickel	1	23.1	23.1
47811	68107	Nickel	1	24.2	24.2
47813	68107	Nickel	1	22.3	22.3
47816	68107	Nickel	1	18.6	18.6
47820	68107	Nickel	1	19.7	19.7
47838	68107	Nickel	1	21.5	21.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47841	68107	Nickel	1	18.3	18.3
47860	68107	Nickel	1	28.4	28.4
47867	68107	Nickel	1	22.1	22.1
47886	68107	Nickel	1	22.5	22.5
47895	68107	Nickel	1	22.2	22.2
47924	68107	Nickel	1	21.7	21.7
47930	68107	Nickel	1	25.6	25.6
47934	68107	Nickel	1	18.5	18.5
47939	68107	Nickel	1	26.5	26.5
47952	68107	Nickel	1	25.1	25.1
47966	68107	Nickel	1	14.5	14.5
47969	68107	Nickel	1	20	20
48003	68107	Nickel	1	24.2	24.2
48006	68107	Nickel	1	23.3	23.3
48014	68107	Nickel	1	19.2	19.2
48016	68107	Nickel	1	20.2	20.2
48018	68107	Nickel	1	22.9	22.9
48036	68107	Nickel	1	22.4	22.4
48043	68107	Nickel	1	22	22
48048	68107	Nickel	1	19.5	19.5
48056	68107	Nickel	1	18.7	18.7
48092	68107	Nickel	1	21.7	21.7
48116	68107	Nickel	1	23.1	23.1
48118	68107	Nickel	1	20.7	20.7
48120	68107	Nickel	1	24.6	24.6
48135	68107	Nickel	1	20.6	20.6
48141	68107	Nickel	1	23	23
48150	68107	Nickel	1	25.3	25.3
48167	68107	Nickel	1	16.3	16.3
48232	68107	Nickel	1	22.9	22.9
48245	68107	Nickel	1	24.2	24.2
48261	68107	Nickel	1	16.7	16.7
48271	68107	Nickel	1	20.7	20.7
48292	68107	Nickel	1	19.3	19.3
48308	68107	Nickel	1	19.9	19.9
48327	68107	Nickel	1	17.6	17.6
48334	68107	Nickel	1	18.6	18.6
48341	68107	Nickel	1	19.3	19.3
48359	68107	Nickel	1	18.7	18.7
48367	68107	Nickel	1	18.7	18.7
48368	68107	Nickel	1	18.3	18.3
48380	68107	Nickel	1	19.3	19.3
48416	68107	Nickel	1	20.8	20.8
48418	68107	Nickel	1	21.9	21.9
48434	68107	Nickel	1	19.8	19.8
48494	68107	Nickel	1	18.2	18.2
48495	68107	Nickel	1	21	21

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48508	68107	Nickel	1	24.7	24.7
48510	68107	Nickel	1	26	26
48525	68107	Nickel	1	24.9	24.9
48547	68107	Nickel	1	18.9	18.9
48553	68107	Nickel	1	22.1	22.1
48578	68107	Nickel	1	23.4	23.4
48583	68107	Nickel	1	18.5	18.5
48589	68107	Nickel	1	25	25
48593	68107	Nickel	1	17.8	17.8
48596	68107	Nickel	1	24	24
48620	68107	Nickel	1	19.2	19.2
48636	68107	Nickel	1	20	20
48639	68107	Nickel	1	25.3	25.3
48641	68107	Nickel	1	25.2	25.2
48654	68107	Nickel	1	21.8	21.8
48661	68107	Nickel	1	18	18
48668	68107	Nickel	1	23.7	23.7
48674	68107	Nickel	1	25.9	25.9
48685	68107	Nickel	1	16.1	16.1
48694	68107	Nickel	1	14.9	14.9
48708	68107	Nickel	1	22.8	22.8
48715	68107	Nickel	1	25.9	25.9
48721	68107	Nickel	1	22.1	22.1
48733	68107	Nickel	1	20	20
48736	68107	Nickel	1	22.1	22.1
48747	68107	Nickel	1	19.1	19.1
48768	68107	Nickel	1	17.7	17.7
48798	68107	Nickel	1	20.7	20.7
48815	68107	Nickel	1	25.9	25.9
48821	68107	Nickel	1	26.4	26.4
48836	68107	Nickel	1	15.8	15.8
48846	68107	Nickel	1	21.7	21.7
48855	68107	Nickel	1	24.4	24.4
48871	68107	Nickel	1	20.8	20.8
48886	68107	Nickel	1	20.3	20.3
48900	68107	Nickel	1	18.5	18.5
48904	68107	Nickel	1	18.6	18.6
48944	68107	Nickel	1	21.2	21.2
48952	68107	Nickel	1	18.3	18.3
48963	68107	Nickel	1	18.8	18.8
48973	68107	Nickel	1	19.8	19.8
48975	68107	Nickel	1	19.4	19.4
48977	68107	Nickel	1	23.5	23.5
48999	68107	Nickel	1	22.6	22.6
49012	68107	Nickel	1	22.8	22.8
49036	68107	Nickel	1	17.6	17.6
49070	68107	Nickel	1	21.7	21.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49081	68107	Nickel	1	21.9	21.9
49082	68107	Nickel	1	21.6	21.6
49085	68107	Nickel	1	18.5	18.5
49098	68107	Nickel	1	22.8	22.8
49117	68107	Nickel	1	16.4	16.4
49126	68107	Nickel	1	23.6	23.6
49167	68107	Nickel	1	26.9	26.9
49208	68107	Nickel	1	25.9	25.9
49239	68107	Nickel	1	22.6	22.6
49249	68107	Nickel	1	12.1	12.1
49371	68107	Nickel	1	26.2	26.2
49383	68107	Nickel	1	18	18
49395	68107	Nickel	1	20.7	20.7
49404	68107	Nickel	1	21.7	21.7
49435	68107	Nickel	1	18.9	18.9
49439	68107	Nickel	1	16.5	16.5
49441	68107	Nickel	1	15.7	15.7
49444	68107	Nickel	1	20.9	20.9
50137	68107	Nickel	1	22.9	22.9
50139	68107	Nickel	1	16.1	16.1
50140	68107	Nickel	1	19	19
50141	68107	Nickel	1	21.5	21.5
50144	68107	Nickel	1	19.9	19.9
50158	68107	Nickel	1	21.1	21.1
50185	68107	Nickel	1	25.8	25.8
50191	68107	Nickel	1	18.2	18.2
50192	68107	Nickel	1	16.2	16.2
50193	68107	Nickel	1	22.4	22.4
50214	68107	Nickel	1	22.2	22.2
50243	68107	Nickel	1	22	22
50244	68107	Nickel	1	20	20
50246	68107	Nickel	1	17.9	17.9
50249	68107	Nickel	1	20.8	20.8
50276	68107	Nickel	1	20.7	20.7
50284	68107	Nickel	1	20	20
50286	68107	Nickel	1	52.9	52.9
50292	68107	Nickel	1	15.1	15.1
50293	68107	Nickel	1	17.7	17.7
50294	68107	Nickel	1	22.8	22.8
50299	68107	Nickel	1	18.9	18.9
50300	68107	Nickel	1	21.2	21.2
50313	68107	Nickel	1	21.5	21.5
50325	68107	Nickel	1	19.7	19.7
50326	68107	Nickel	1	17.9	17.9
50335	68107	Nickel	1	17	17
50359	68107	Nickel	1	19.1	19.1
50360	68107	Nickel	1	18.3	18.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50361	68107	Nickel	1	19.3	19.3
50362	68107	Nickel	1	19	19
50537	68107	Nickel	1	21.7	21.7
76891	68107	Nickel	1	18.5	18.5
89377	68107	Nickel	1	18.3	18.3
89408	68107	Nickel	1	21.1	21.1
2170	68108	Nickel	1	18.1	18.1
2518	68108	Nickel	1	24.1	24.1
2521	68108	Nickel	1	22.8	22.8
2522	68108	Nickel	1	23.9	23.9
2527	68108	Nickel	1	20.6	20.6
2532	68108	Nickel	1	22.5	22.5
5225	68108	Nickel	1	19.1	19.1
5227	68108	Nickel	1	28.4	28.4
5229	68108	Nickel	1	15.1	15.1
5284	68108	Nickel	1	23.5	23.5
5300	68108	Nickel	1	28.7	28.7
5304	68108	Nickel	1	20.8	20.8
5306	68108	Nickel	1	18	18
5332	68108	Nickel	1	13.1	13.1
5387	68108	Nickel	1	20.6	20.6
5390	68108	Nickel	1	19.4	19.4
5394	68108	Nickel	1	25.2	25.2
5395	68108	Nickel	1	20.9	20.9
5398	68108	Nickel	1	32.2	32.2
5403	68108	Nickel	1	22.8	22.8
5407	68108	Nickel	1	23.3	23.3
5408	68108	Nickel	1	38.9	38.9
5409	68108	Nickel	1	7.96	7.96
5416	68108	Nickel	1	24.4	24.4
5418	68108	Nickel	1	23	23
5422	68108	Nickel	1	22.7	22.7
5425	68108	Nickel	1	20.2	20.2
5426	68108	Nickel	1	22.3	22.3
5427	68108	Nickel	1	21.6	21.6
5429	68108	Nickel	1	21.1	21.1
5431	68108	Nickel	1	20.5	20.5
5432	68108	Nickel	1	23.1	23.1
5449	68108	Nickel	1	24.5	24.5
5450	68108	Nickel	1	23.7	23.7
5454	68108	Nickel	1	20.8	20.8
5460	68108	Nickel	1	20.6	20.6
5463	68108	Nickel	1	22.9	22.9
5467	68108	Nickel	1	23.1	23.1
5472	68108	Nickel	1	20.3	20.3
5473	68108	Nickel	1	23.7	23.7
5474	68108	Nickel	1	24.7	24.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5480	68108	Nickel	1	24	24
5483	68108	Nickel	1	21.6	21.6
5485	68108	Nickel	1	22.7	22.7
5492	68108	Nickel	1	22.8	22.8
5505	68108	Nickel	1	19.8	19.8
5572	68108	Nickel	1	19.3	19.3
5607	68108	Nickel	1	23.2	23.2
5608	68108	Nickel	1	22.4	22.4
5623	68108	Nickel	1	26.5	26.5
5628	68108	Nickel	1	24.2	24.2
5630	68108	Nickel	1	20.4	20.4
5636	68108	Nickel	1	22.5	22.5
5637	68108	Nickel	1	20.6	20.6
5652	68108	Nickel	1	15.8	15.8
12816	68108	Nickel	1	15.8	15.8
12859	68108	Nickel	1	27.9	27.9
12926	68108	Nickel	1	20.6	20.6
12947	68108	Nickel	1	21.5	21.5
13102	68108	Nickel	1	23.1	23.1
13164	68108	Nickel	1	22.9	22.9
13184	68108	Nickel	1	19.3	19.3
13189	68108	Nickel	1	19.3	19.3
13239	68108	Nickel	1	18.7	18.7
13267	68108	Nickel	1	23.5	23.5
13436	68108	Nickel	1	24.8	24.8
13485	68108	Nickel	1	21.4	21.4
13529	68108	Nickel	1	16.1	16.1
13530	68108	Nickel	1	24	24
13536	68108	Nickel	1	20.1	20.1
13575	68108	Nickel	1	25.2	25.2
13645	68108	Nickel	1	24.1	24.1
13661	68108	Nickel	1	29.2	29.2
13674	68108	Nickel	1	20.7	20.7
13675	68108	Nickel	1	22.3	22.3
13760	68108	Nickel	1	22.9	22.9
13773	68108	Nickel	1	20	20
13795	68108	Nickel	1	29.7	29.7
13941	68108	Nickel	1	24.2	24.2
14043	68108	Nickel	1	20.3	20.3
14076	68108	Nickel	1	12.7	12.7
14079	68108	Nickel	1	18.9	18.9
14130	68108	Nickel	1	22.4	22.4
14140	68108	Nickel	1	18.7	18.7
14203	68108	Nickel	1	14.2	14.2
14270	68108	Nickel	1	17.7	17.7
14279	68108	Nickel	1	18.6	18.6
14290	68108	Nickel	1	18.6	18.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14438	68108	Nickel	1	19	19
14449	68108	Nickel	1	21.4	21.4
14481	68108	Nickel	1	24.7	24.7
14486	68108	Nickel	1	21.3	21.3
14497	68108	Nickel	1	25.9	25.9
14537	68108	Nickel	1	24.2	24.2
14545	68108	Nickel	1	20.3	20.3
14576	68108	Nickel	1	22.7	22.7
14578	68108	Nickel	1	18.5	18.5
14617	68108	Nickel	1	24.6	24.6
14660	68108	Nickel	1	20.5	20.5
14692	68108	Nickel	1	24	24
14720	68108	Nickel	1	21.5	21.5
14818	68108	Nickel	1	24.3	24.3
14825	68108	Nickel	1	28.8	28.8
14849	68108	Nickel	1	21.9	21.9
14855	68108	Nickel	1	20.5	20.5
14878	68108	Nickel	1	22.9	22.9
14914	68108	Nickel	1	22	22
14998	68108	Nickel	1	23	23
15001	68108	Nickel	1	27.5	27.5
15051	68108	Nickel	1	23.3	23.3
15053	68108	Nickel	1	23.4	23.4
15116	68108	Nickel	1	22.4	22.4
15135	68108	Nickel	1	31.2	31.2
15248	68108	Nickel	1	19.1	19.1
15256	68108	Nickel	1	16.8	16.8
15266	68108	Nickel	1	22.7	22.7
15337	68108	Nickel	1	28.8	28.8
15443	68108	Nickel	1	20.8	20.8
15468	68108	Nickel	1	20.6	20.6
15601	68108	Nickel	1	21.7	21.7
15603	68108	Nickel	1	21.4	21.4
15687	68108	Nickel	1	23.7	23.7
15748	68108	Nickel	1	23.9	23.9
15768	68108	Nickel	1	20.7	20.7
15915	68108	Nickel	1	19.9	19.9
15939	68108	Nickel	1	24	24
15955	68108	Nickel	1	25	25
15966	68108	Nickel	1	20.9	20.9
15980	68108	Nickel	1	21.1	21.1
16006	68108	Nickel	1	20.3	20.3
16126	68108	Nickel	1	13.7	13.7
16135	68108	Nickel	1	11.4	11.4
16137	68108	Nickel	1	28.3	28.3
16145	68108	Nickel	1	27.8	27.8
16261	68108	Nickel	1	18.9	18.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16267	68108	Nickel	1	20	20
16319	68108	Nickel	1	40.3	40.3
16349	68108	Nickel	1	26.6	26.6
16446	68108	Nickel	1	21.3	21.3
16530	68108	Nickel	1	19.7	19.7
16556	68108	Nickel	1	27.8	27.8
16581	68108	Nickel	1	21.7	21.7
16595	68108	Nickel	1	22.8	22.8
16599	68108	Nickel	1	24.2	24.2
16711	68108	Nickel	1	26.4	26.4
16813	68108	Nickel	1	25.6	25.6
16973	68108	Nickel	1	24	24
17004	68108	Nickel	1	23.3	23.3
17005	68108	Nickel	1	20.4	20.4
17022	68108	Nickel	1	25.8	25.8
17242	68108	Nickel	1	19.8	19.8
17247	68108	Nickel	1	22.7	22.7
17282	68108	Nickel	1	22.2	22.2
17316	68108	Nickel	1	26.4	26.4
17323	68108	Nickel	1	27	27
17335	68108	Nickel	1	19.7	19.7
17360	68108	Nickel	1	21.1	21.1
17414	68108	Nickel	1	19.9	19.9
17416	68108	Nickel	1	28.9	28.9
17417	68108	Nickel	1	24.4	24.4
17418	68108	Nickel	1	23.7	23.7
17461	68108	Nickel	1	19.8	19.8
17498	68108	Nickel	1	21	21
17550	68108	Nickel	1	15.7	15.7
17671	68108	Nickel	1	23.4	23.4
17699	68108	Nickel	1	13	13
17700	68108	Nickel	1	22.4	22.4
17701	68108	Nickel	1	17.6	17.6
17703	68108	Nickel	1	19.3	19.3
17732	68108	Nickel	1	24.2	24.2
17778	68108	Nickel	1	23.6	23.6
17840	68108	Nickel	1	22.3	22.3
17849	68108	Nickel	1	21.2	21.2
17861	68108	Nickel	1	26.3	26.3
17864	68108	Nickel	1	22.6	22.6
17865	68108	Nickel	1	22.2	22.2
17908	68108	Nickel	1	24.9	24.9
17945	68108	Nickel	1	21.8	21.8
17963	68108	Nickel	1	33.5	33.5
17968	68108	Nickel	1	21.6	21.6
17985	68108	Nickel	1	11.1	11.1
18129	68108	Nickel	1	20.6	20.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18148	68108	Nickel	1	26.3	26.3
18179	68108	Nickel	1	11.9	11.9
18198	68108	Nickel	1	26.8	26.8
18218	68108	Nickel	1	22.6	22.6
18222	68108	Nickel	1	22.4	22.4
18249	68108	Nickel	1	22.4	22.4
18328	68108	Nickel	1	23.7	23.7
18330	68108	Nickel	1	23.1	23.1
18339	68108	Nickel	1	22.5	22.5
18385	68108	Nickel	1	21.6	21.6
18422	68108	Nickel	1	24.8	24.8
18435	68108	Nickel	1	21.2	21.2
18461	68108	Nickel	1	21.8	21.8
18486	68108	Nickel	1	24.5	24.5
18532	68108	Nickel	1	23	23
18547	68108	Nickel	1	21.5	21.5
18597	68108	Nickel	1	23.1	23.1
18634	68108	Nickel	1	21.6	21.6
18664	68108	Nickel	1	20.9	20.9
18687	68108	Nickel	1	23.3	23.3
18691	68108	Nickel	1	21	21
18697	68108	Nickel	1	20.4	20.4
18712	68108	Nickel	1	23.1	23.1
18718	68108	Nickel	1	21.7	21.7
18749	68108	Nickel	1	23.8	23.8
18800	68108	Nickel	1	20.9	20.9
18802	68108	Nickel	1	21.2	21.2
18833	68108	Nickel	1	21.5	21.5
18890	68108	Nickel	1	23.9	23.9
18903	68108	Nickel	1	25	25
18943	68108	Nickel	1	18.7	18.7
18968	68108	Nickel	1	21.2	21.2
18988	68108	Nickel	1	21.9	21.9
19030	68108	Nickel	1	18.9	18.9
19116	68108	Nickel	1	20.2	20.2
19126	68108	Nickel	1	22.7	22.7
19153	68108	Nickel	1	21.9	21.9
19190	68108	Nickel	1	20.6	20.6
19343	68108	Nickel	1	24.9	24.9
19371	68108	Nickel	1	22.8	22.8
19373	68108	Nickel	1	24.3	24.3
19417	68108	Nickel	1	19.2	19.2
19440	68108	Nickel	1	23	23
19444	68108	Nickel	1	19.4	19.4
19474	68108	Nickel	1	22.2	22.2
19640	68108	Nickel	1	22	22
19660	68108	Nickel	1	22.9	22.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19680	68108	Nickel	1	17.8	17.8
19792	68108	Nickel	1	24.7	24.7
19875	68108	Nickel	1	23.3	23.3
19920	68108	Nickel	1	23	23
19988	68108	Nickel	1	15	15
20044	68108	Nickel	1	25.3	25.3
20137	68108	Nickel	1	22.5	22.5
20149	68108	Nickel	1	22.6	22.6
20168	68108	Nickel	1	18.5	18.5
20169	68108	Nickel	1	22.5	22.5
20244	68108	Nickel	1	20.1	20.1
20285	68108	Nickel	1	20.9	20.9
20287	68108	Nickel	1	21.8	21.8
20344	68108	Nickel	1	21.3	21.3
20367	68108	Nickel	1	17.7	17.7
20464	68108	Nickel	1	20	20
20467	68108	Nickel	1	21.4	21.4
20567	68108	Nickel	1	24.2	24.2
20588	68108	Nickel	1	11.8	11.8
20608	68108	Nickel	1	22.9	22.9
20629	68108	Nickel	1	19	19
20671	68108	Nickel	1	31.1	31.1
20746	68108	Nickel	1	22.8	22.8
20752	68108	Nickel	1	23.5	23.5
20831	68108	Nickel	1	26.9	26.9
20881	68108	Nickel	1	22.1	22.1
20922	68108	Nickel	1	22.9	22.9
21123	68108	Nickel	1	18.9	18.9
21190	68108	Nickel	1	23.6	23.6
21502	68108	Nickel	1	24.9	24.9
21582	68108	Nickel	1	24.9	24.9
21729	68108	Nickel	1	23.3	23.3
21863	68108	Nickel	1	24.5	24.5
22203	68108	Nickel	1	21.4	21.4
22282	68108	Nickel	1	19.7	19.7
50453	68108	Nickel	1	19.9	19.9
50624	68108	Nickel	1	19.9	19.9
74047	68108	Nickel	1	19.4	19.4
79306	68108	Nickel	1	22.9	22.9
87989	68108	Nickel	1	20.3	20.3
88004	68108	Nickel	1	22	22
88031	68108	Nickel	1	22	22
89842	68108	Nickel	1	15.2	15.2
90601	68108	Nickel	1	19.3	19.3
92372	68108	Nickel	1	16.8	16.8
93003	68108	Nickel	1	20.3	20.3
93522	68108	Nickel	1	20.4	20.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2069	68110	Nickel	1	21.5	21.5
2280	68110	Nickel	1	15.4	15.4
2354	68110	Nickel	1	19.9	19.9
2355	68110	Nickel	1	16.8	16.8
2539	68110	Nickel	1	20	20
3136	68110	Nickel	1	19	19
5258	68110	Nickel	1	20.8	20.8
5388	68110	Nickel	1	20.6	20.6
5520	68110	Nickel	1	24.5	24.5
5525	68110	Nickel	1	24.5	24.5
5527	68110	Nickel	1	21.7	21.7
5530	68110	Nickel	1	20.1	20.1
5532	68110	Nickel	1	20.8	20.8
5536	68110	Nickel	1	18.8	18.8
5541	68110	Nickel	1	19	19
5544	68110	Nickel	1	18.5	18.5
5546	68110	Nickel	1	18.8	18.8
5551	68110	Nickel	1	19.5	19.5
5559	68110	Nickel	1	19	19
5560	68110	Nickel	1	19.2	19.2
5561	68110	Nickel	1	20.6	20.6
5563	68110	Nickel	1	19.8	19.8
5565	68110	Nickel	1	22.8	22.8
5566	68110	Nickel	1	20.5	20.5
5612	68110	Nickel	1	22.1	22.1
5614	68110	Nickel	1	19.6	19.6
5641	68110	Nickel	1	21	21
5650	68110	Nickel	1	17.4	17.4
5651	68110	Nickel	1	22.1	22.1
26122	68110	Nickel	1	22.5	22.5
26133	68110	Nickel	1	23.6	23.6
26234	68110	Nickel	1	19.7	19.7
26341	68110	Nickel	1	21.8	21.8
26410	68110	Nickel	1	21.1	21.1
26447	68110	Nickel	1	19.8	19.8
26465	68110	Nickel	1	21.2	21.2
26527	68110	Nickel	1	16.5	16.5
26550	68110	Nickel	1	19.8	19.8
26762	68110	Nickel	1	23.5	23.5
27034	68110	Nickel	1	22.6	22.6
27069	68110	Nickel	1	20.9	20.9
27291	68110	Nickel	1	16.2	16.2
27435	68110	Nickel	1	20.5	20.5
27589	68110	Nickel	1	17.4	17.4
27592	68110	Nickel	1	21.5	21.5
27683	68110	Nickel	1	22.6	22.6
27704	68110	Nickel	1	23.1	23.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27756	68110	Nickel	1	21.9	21.9
27815	68110	Nickel	1	10.1	10.1
27822	68110	Nickel	1	25.7	25.7
27826	68110	Nickel	1	23.6	23.6
27840	68110	Nickel	1	21.1	21.1
27844	68110	Nickel	1	21.3	21.3
27884	68110	Nickel	1	27.1	27.1
27907	68110	Nickel	1	19.1	19.1
27927	68110	Nickel	1	26.8	26.8
27984	68110	Nickel	1	23.9	23.9
28074	68110	Nickel	1	16.2	16.2
28075	68110	Nickel	1	17.6	17.6
28120	68110	Nickel	1	18.2	18.2
28167	68110	Nickel	1	22.1	22.1
28226	68110	Nickel	1	24.4	24.4
28335	68110	Nickel	1	17.9	17.9
28360	68110	Nickel	1	27.1	27.1
28404	68110	Nickel	1	23	23
28421	68110	Nickel	1	22.3	22.3
28455	68110	Nickel	1	22.4	22.4
28501	68110	Nickel	1	18.1	18.1
28550	68110	Nickel	1	18.4	18.4
28591	68110	Nickel	1	20.7	20.7
28647	68110	Nickel	1	24.2	24.2
28670	68110	Nickel	1	23.1	23.1
28711	68110	Nickel	1	23.5	23.5
28717	68110	Nickel	1	18.4	18.4
28726	68110	Nickel	1	19.6	19.6
28905	68110	Nickel	1	18.3	18.3
28977	68110	Nickel	1	21.6	21.6
28999	68110	Nickel	1	17.5	17.5
29058	68110	Nickel	1	22.8	22.8
29063	68110	Nickel	1	17.8	17.8
29084	68110	Nickel	1	18.7	18.7
29093	68110	Nickel	1	17.1	17.1
29095	68110	Nickel	1	19.9	19.9
29117	68110	Nickel	1	41.8	41.8
29135	68110	Nickel	1	21.6	21.6
29207	68110	Nickel	1	17.1	17.1
29238	68110	Nickel	1	12.8	12.8
29257	68110	Nickel	1	24.1	24.1
29271	68110	Nickel	1	10.1	10.1
29283	68110	Nickel	1	21.3	21.3
29290	68110	Nickel	1	24.5	24.5
29332	68110	Nickel	1	23.5	23.5
29360	68110	Nickel	1	15.7	15.7
29361	68110	Nickel	1	20.6	20.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29393	68110	Nickel	1	21.1	21.1
29421	68110	Nickel	1	19.7	19.7
29493	68110	Nickel	1	27.9	27.9
29500	68110	Nickel	1	21.2	21.2
29505	68110	Nickel	1	19	19
29550	68110	Nickel	1	19.5	19.5
29610	68110	Nickel	1	19.8	19.8
29634	68110	Nickel	1	22.7	22.7
29665	68110	Nickel	1	16	16
29753	68110	Nickel	1	22	22
29774	68110	Nickel	1	21.7	21.7
29786	68110	Nickel	1	20.4	20.4
29795	68110	Nickel	1	16.3	16.3
29844	68110	Nickel	1	20	20
29877	68110	Nickel	1	21.7	21.7
29887	68110	Nickel	1	19.9	19.9
29911	68110	Nickel	1	23.5	23.5
29913	68110	Nickel	1	21.8	21.8
29920	68110	Nickel	1	18.4	18.4
29921	68110	Nickel	1	23	23
29934	68110	Nickel	1	16.9	16.9
29942	68110	Nickel	1	22.8	22.8
29943	68110	Nickel	1	13.4	13.4
30017	68110	Nickel	1	25.6	25.6
30172	68110	Nickel	1	14.7	14.7
30189	68110	Nickel	1	17.5	17.5
30210	68110	Nickel	1	12.1	12.1
30291	68110	Nickel	1	20.4	20.4
30394	68110	Nickel	1	19.4	19.4
30410	68110	Nickel	1	16.5	16.5
30422	68110	Nickel	1	17.2	17.2
30443	68110	Nickel	1	22	22
30469	68110	Nickel	1	22.3	22.3
30470	68110	Nickel	1	21.8	21.8
30500	68110	Nickel	1	21.7	21.7
30551	68110	Nickel	1	22.8	22.8
30556	68110	Nickel	1	18.9	18.9
30566	68110	Nickel	1	22.2	22.2
30575	68110	Nickel	1	21.8	21.8
30633	68110	Nickel	1	18.6	18.6
30651	68110	Nickel	1	19.8	19.8
30688	68110	Nickel	1	21.5	21.5
30705	68110	Nickel	1	21.1	21.1
30786	68110	Nickel	1	20	20
30803	68110	Nickel	1	17.1	17.1
30870	68110	Nickel	1	22.5	22.5
30954	68110	Nickel	1	19.9	19.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30980	68110	Nickel	1	19.6	19.6
31097	68110	Nickel	1	21.4	21.4
31153	68110	Nickel	1	20.3	20.3
31174	68110	Nickel	1	22.1	22.1
31223	68110	Nickel	1	20.8	20.8
31231	68110	Nickel	1	21	21
31350	68110	Nickel	1	24.7	24.7
31401	68110	Nickel	1	18.7	18.7
31568	68110	Nickel	1	20.5	20.5
31645	68110	Nickel	1	19	19
31757	68110	Nickel	1	24.7	24.7
31760	68110	Nickel	1	18.8	18.8
31814	68110	Nickel	1	22.6	22.6
31832	68110	Nickel	1	17.7	17.7
31959	68110	Nickel	1	21.1	21.1
32019	68110	Nickel	1	20	20
32039	68110	Nickel	1	28.5	28.5
32043	68110	Nickel	1	21.2	21.2
32063	68110	Nickel	1	20.4	20.4
32214	68110	Nickel	1	15.6	15.6
32373	68110	Nickel	1	20	20
32484	68110	Nickel	1	19.7	19.7
32508	68110	Nickel	1	21.5	21.5
32529	68110	Nickel	1	19.5	19.5
32536	68110	Nickel	1	21.9	21.9
32570	68110	Nickel	1	16.7	16.7
32645	68110	Nickel	1	31.3	31.3
32707	68110	Nickel	1	24.9	24.9
32727	68110	Nickel	1	16.9	16.9
32733	68110	Nickel	1	17.1	17.1
32734	68110	Nickel	1	17.5	17.5
32875	68110	Nickel	1	18.7	18.7
32903	68110	Nickel	1	16.4	16.4
32915	68110	Nickel	1	16.5	16.5
32927	68110	Nickel	1	23.2	23.2
32996	68110	Nickel	1	19.2	19.2
33078	68110	Nickel	1	20	20
33084	68110	Nickel	1	23.5	23.5
33280	68110	Nickel	1	25.9	25.9
33421	68110	Nickel	1	24.5	24.5
33468	68110	Nickel	1	18.3	18.3
33472	68110	Nickel	1	26	26
33477	68110	Nickel	1	17.8	17.8
33483	68110	Nickel	1	19	19
33512	68110	Nickel	1	19	19
33519	68110	Nickel	1	17	17
33543	68110	Nickel	1	22.1	22.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33555	68110	Nickel	1	29.3	29.3
33602	68110	Nickel	1	20.7	20.7
33629	68110	Nickel	1	21.4	21.4
33635	68110	Nickel	1	18.7	18.7
33714	68110	Nickel	1	23.4	23.4
33725	68110	Nickel	1	18.9	18.9
33840	68110	Nickel	1	20	20
33927	68110	Nickel	1	18.8	18.8
34002	68110	Nickel	1	16.7	16.7
34047	68110	Nickel	1	23.2	23.2
34116	68110	Nickel	1	31.8	31.8
34237	68110	Nickel	1	24.1	24.1
34260	68110	Nickel	1	12.6	12.6
34266	68110	Nickel	1	27.3	27.3
34272	68110	Nickel	1	22.7	22.7
34276	68110	Nickel	1	26.6	26.6
34287	68110	Nickel	1	25.9	25.9
34613	68110	Nickel	1	25.9	25.9
34625	68110	Nickel	1	16.5	16.5
34638	68110	Nickel	1	25.9	25.9
34674	68110	Nickel	1	21.9	21.9
34696	68110	Nickel	1	26.5	26.5
34710	68110	Nickel	1	22.8	22.8
34733	68110	Nickel	1	18.5	18.5
34738	68110	Nickel	1	20.7	20.7
34742	68110	Nickel	1	18.2	18.2
34821	68110	Nickel	1	23.4	23.4
35022	68110	Nickel	1	25.8	25.8
35047	68110	Nickel	1	23.9	23.9
35180	68110	Nickel	1	20.4	20.4
35183	68110	Nickel	1	14.4	14.4
35249	68110	Nickel	1	20.6	20.6
35384	68110	Nickel	1	22.7	22.7
35438	68110	Nickel	1	17.6	17.6
35501	68110	Nickel	1	20.9	20.9
35558	68110	Nickel	1	22.2	22.2
35589	68110	Nickel	1	24.7	24.7
35637	68110	Nickel	1	18.8	18.8
35710	68110	Nickel	1	22.8	22.8
35754	68110	Nickel	1	17.7	17.7
35787	68110	Nickel	1	19.6	19.6
35792	68110	Nickel	1	20.7	20.7
35793	68110	Nickel	1	17.6	17.6
36189	68110	Nickel	1	16.3	16.3
37075	68110	Nickel	1	15.5	15.5
37434	68110	Nickel	1	36.4	36.4
37456	68110	Nickel	1	33.2	33.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
37525	68110	Nickel	1	18.5	18.5
37674	68110	Nickel	1	17.2	17.2
37821	68110	Nickel	1	17.5	17.5
38725	68110	Nickel	1	18.9	18.9
38863	68110	Nickel	1	16.9	16.9
39142	68110	Nickel	1	14	14
39271	68110	Nickel	1	13.5	13.5
39434	68110	Nickel	1	19.7	19.7
39572	68110	Nickel	1	20.9	20.9
55636	68110	Nickel	1	22.3	22.3
74149	68110	Nickel	1	16.7	16.7
79377	68110	Nickel	1	18	18
81398	68110	Nickel	1	20.3	20.3
81400	68110	Nickel	1	17.9	17.9
87991	68110	Nickel	1	22.3	22.3
90908	68110	Nickel	1	20.4	20.4
91449	68110	Nickel	1	19	19
92501	68110	Nickel	1	20.5	20.5
92675	68110	Nickel	1	21.2	21.2
93337	68110	Nickel	1	17.6	17.6
93338	68110	Nickel	1	20.4	20.4
93342	68110	Nickel	1	18.7	18.7
93344	68110	Nickel	1	20.8	20.8
93345	68110	Nickel	1	22.2	22.2
2035	68111	Nickel	1	24.1	24.1
2075	68111	Nickel	1	16.3	16.3
2103	68111	Nickel	1	21.4	21.4
2109	68111	Nickel	1	22.9	22.9
2118	68111	Nickel	1	15.8	15.8
2121	68111	Nickel	1	20.4	20.4
2126	68111	Nickel	1	20	20
2154	68111	Nickel	1	18.6	18.6
2179	68111	Nickel	1	17.6	17.6
2216	68111	Nickel	1	22.5	22.5
2225	68111	Nickel	1	21.4	21.4
2231	68111	Nickel	1	11.5	11.5
2262	68111	Nickel	1	18.1	18.1
2365	68111	Nickel	1	21.6	21.6
2425	68111	Nickel	1	23.9	23.9
2565	68111	Nickel	1	25.8	25.8
3046	68111	Nickel	1	19.4	19.4
3051	68111	Nickel	1	18.6	18.6
3058	68111	Nickel	1	19.2	19.2
3091	68111	Nickel	1	14.1	14.1
3133	68111	Nickel	1	20.2	20.2
3151	68111	Nickel	1	14.5	14.5
5013	68111	Nickel	1	21.8	21.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5085	68111	Nickel	1	19.4	19.4
5170	68111	Nickel	1	17.4	17.4
5171	68111	Nickel	1	21.1	21.1
5204	68111	Nickel	1	21.4	21.4
5206	68111	Nickel	1	25	25
5208	68111	Nickel	1	18.7	18.7
5215	68111	Nickel	1	18.2	18.2
5221	68111	Nickel	1	20.2	20.2
5230	68111	Nickel	1	17.5	17.5
5232	68111	Nickel	1	20.5	20.5
5234	68111	Nickel	1	21	21
5236	68111	Nickel	1	19.7	19.7
5238	68111	Nickel	1	24	24
5240	68111	Nickel	1	20.8	20.8
5242	68111	Nickel	1	20.2	20.2
5246	68111	Nickel	1	24.9	24.9
5288	68111	Nickel	1	26.4	26.4
5296	68111	Nickel	1	17.6	17.6
5330	68111	Nickel	1	15.9	15.9
5333	68111	Nickel	1	19.3	19.3
5513	68111	Nickel	1	26.5	26.5
5514	68111	Nickel	1	18	18
5618	68111	Nickel	1	18.8	18.8
25647	68111	Nickel	1	25.1	25.1
25663	68111	Nickel	1	25.4	25.4
25670	68111	Nickel	1	27	27
25708	68111	Nickel	1	25.7	25.7
25709	68111	Nickel	1	21.9	21.9
25750	68111	Nickel	1	22.8	22.8
25780	68111	Nickel	1	22.2	22.2
25786	68111	Nickel	1	20.8	20.8
25794	68111	Nickel	1	29.1	29.1
25804	68111	Nickel	1	23.3	23.3
25805	68111	Nickel	1	24.1	24.1
25834	68111	Nickel	1	25.3	25.3
25849	68111	Nickel	1	23.3	23.3
25869	68111	Nickel	1	23.5	23.5
25874	68111	Nickel	1	21.5	21.5
25877	68111	Nickel	1	33.6	33.6
25894	68111	Nickel	1	22.4	22.4
25903	68111	Nickel	1	23.9	23.9
25918	68111	Nickel	1	21.9	21.9
25921	68111	Nickel	1	13.2	13.2
25977	68111	Nickel	1	27.8	27.8
25985	68111	Nickel	1	20.3	20.3
26005	68111	Nickel	1	25.4	25.4
26009	68111	Nickel	1	24.3	24.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26011	68111	Nickel	1	18.8	18.8
26030	68111	Nickel	1	25.3	25.3
26042	68111	Nickel	1	24.2	24.2
26043	68111	Nickel	1	19.6	19.6
26045	68111	Nickel	1	25.3	25.3
26053	68111	Nickel	1	19.5	19.5
26084	68111	Nickel	1	21.8	21.8
26100	68111	Nickel	1	25.9	25.9
26124	68111	Nickel	1	25.8	25.8
26135	68111	Nickel	1	20.5	20.5
26142	68111	Nickel	1	20.3	20.3
26149	68111	Nickel	1	22.4	22.4
26160	68111	Nickel	1	22	22
26164	68111	Nickel	1	26.5	26.5
26191	68111	Nickel	1	22.2	22.2
26199	68111	Nickel	1	25.8	25.8
26202	68111	Nickel	1	24.7	24.7
26204	68111	Nickel	1	18.2	18.2
26211	68111	Nickel	1	25.2	25.2
26215	68111	Nickel	1	22.4	22.4
26228	68111	Nickel	1	25.2	25.2
26229	68111	Nickel	1	19.9	19.9
26231	68111	Nickel	1	22.9	22.9
26249	68111	Nickel	1	23.8	23.8
26257	68111	Nickel	1	21.2	21.2
26263	68111	Nickel	1	18.6	18.6
26288	68111	Nickel	1	21.2	21.2
26289	68111	Nickel	1	20.9	20.9
26290	68111	Nickel	1	25.4	25.4
26295	68111	Nickel	1	26.1	26.1
26303	68111	Nickel	1	22.9	22.9
26327	68111	Nickel	1	20.6	20.6
26372	68111	Nickel	1	22.7	22.7
26428	68111	Nickel	1	13.5	13.5
26456	68111	Nickel	1	23.3	23.3
26459	68111	Nickel	1	20.4	20.4
26480	68111	Nickel	1	26.4	26.4
26485	68111	Nickel	1	19.2	19.2
26514	68111	Nickel	1	25	25
26518	68111	Nickel	1	25.8	25.8
26543	68111	Nickel	1	22.2	22.2
26570	68111	Nickel	1	25.4	25.4
26604	68111	Nickel	1	22.3	22.3
26653	68111	Nickel	1	24.7	24.7
26663	68111	Nickel	1	22.1	22.1
26665	68111	Nickel	1	17.9	17.9
26682	68111	Nickel	1	21.2	21.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26695	68111	Nickel	1	23.5	23.5
26716	68111	Nickel	1	23.2	23.2
26742	68111	Nickel	1	26.2	26.2
26757	68111	Nickel	1	23	23
26759	68111	Nickel	1	19.6	19.6
26772	68111	Nickel	1	23.7	23.7
26779	68111	Nickel	1	20.8	20.8
26783	68111	Nickel	1	23.4	23.4
26834	68111	Nickel	1	24.3	24.3
26844	68111	Nickel	1	21.6	21.6
26858	68111	Nickel	1	28.9	28.9
26865	68111	Nickel	1	20.5	20.5
26868	68111	Nickel	1	19.5	19.5
26869	68111	Nickel	1	17.3	17.3
26877	68111	Nickel	1	19.2	19.2
26891	68111	Nickel	1	22.8	22.8
26948	68111	Nickel	1	22.1	22.1
26955	68111	Nickel	1	22.1	22.1
26967	68111	Nickel	1	21.1	21.1
26996	68111	Nickel	1	20	20
26997	68111	Nickel	1	21.6	21.6
26999	68111	Nickel	1	27.2	27.2
27005	68111	Nickel	1	21.2	21.2
27031	68111	Nickel	1	21.5	21.5
27038	68111	Nickel	1	21.9	21.9
27052	68111	Nickel	1	25	25
27074	68111	Nickel	1	20.4	20.4
27096	68111	Nickel	1	28	28
27107	68111	Nickel	1	16.3	16.3
27117	68111	Nickel	1	34	34
27120	68111	Nickel	1	20	20
27137	68111	Nickel	1	20.1	20.1
27138	68111	Nickel	1	18.8	18.8
27139	68111	Nickel	1	18.1	18.1
27140	68111	Nickel	1	23.2	23.2
27142	68111	Nickel	1	26.3	26.3
27144	68111	Nickel	1	17.4	17.4
27145	68111	Nickel	1	23.2	23.2
27148	68111	Nickel	1	22.8	22.8
27177	68111	Nickel	1	15.9	15.9
27185	68111	Nickel	1	20.1	20.1
27191	68111	Nickel	1	20.7	20.7
27193	68111	Nickel	1	17.4	17.4
27202	68111	Nickel	1	24	24
27264	68111	Nickel	1	22.7	22.7
27266	68111	Nickel	1	28.6	28.6
27269	68111	Nickel	1	22.1	22.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27278	68111	Nickel	1	17.8	17.8
27308	68111	Nickel	1	20.7	20.7
27315	68111	Nickel	1	21.4	21.4
27318	68111	Nickel	1	25.5	25.5
27342	68111	Nickel	1	18.4	18.4
27347	68111	Nickel	1	26.2	26.2
27366	68111	Nickel	1	20.5	20.5
27369	68111	Nickel	1	17.3	17.3
27399	68111	Nickel	1	26.9	26.9
27402	68111	Nickel	1	28.2	28.2
27446	68111	Nickel	1	19.2	19.2
27461	68111	Nickel	1	17.5	17.5
27467	68111	Nickel	1	29.9	29.9
27475	68111	Nickel	1	25.1	25.1
27481	68111	Nickel	1	29.5	29.5
27488	68111	Nickel	1	22.8	22.8
27524	68111	Nickel	1	26.4	26.4
27567	68111	Nickel	1	19.9	19.9
27581	68111	Nickel	1	25	25
27585	68111	Nickel	1	19.7	19.7
27604	68111	Nickel	1	23	23
27608	68111	Nickel	1	21.9	21.9
27630	68111	Nickel	1	22.1	22.1
27632	68111	Nickel	1	22.3	22.3
27658	68111	Nickel	1	22.1	22.1
27718	68111	Nickel	1	21.9	21.9
27734	68111	Nickel	1	23.7	23.7
27739	68111	Nickel	1	24.9	24.9
27742	68111	Nickel	1	18.4	18.4
27764	68111	Nickel	1	25.3	25.3
27768	68111	Nickel	1	21.2	21.2
27780	68111	Nickel	1	22.3	22.3
27854	68111	Nickel	1	22.9	22.9
27859	68111	Nickel	1	20.9	20.9
27885	68111	Nickel	1	17	17
27886	68111	Nickel	1	28.3	28.3
27913	68111	Nickel	1	10.9	10.9
27920	68111	Nickel	1	23.8	23.8
27924	68111	Nickel	1	22.3	22.3
27939	68111	Nickel	1	27.1	27.1
27962	68111	Nickel	1	21.4	21.4
28004	68111	Nickel	1	24	24
28011	68111	Nickel	1	24.4	24.4
28019	68111	Nickel	1	17.9	17.9
28020	68111	Nickel	1	16.9	16.9
28022	68111	Nickel	1	19.5	19.5
28045	68111	Nickel	1	28.2	28.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28065	68111	Nickel	1	23.1	23.1
28072	68111	Nickel	1	24.3	24.3
28105	68111	Nickel	1	17.2	17.2
28108	68111	Nickel	1	20.4	20.4
28144	68111	Nickel	1	21.1	21.1
28148	68111	Nickel	1	14.5	14.5
28154	68111	Nickel	1	25.6	25.6
28157	68111	Nickel	1	22.4	22.4
28185	68111	Nickel	1	21.3	21.3
28186	68111	Nickel	1	24.5	24.5
28188	68111	Nickel	1	18.2	18.2
28218	68111	Nickel	1	20.6	20.6
28222	68111	Nickel	1	22.1	22.1
28273	68111	Nickel	1	24.9	24.9
28284	68111	Nickel	1	19.4	19.4
28329	68111	Nickel	1	25.6	25.6
28338	68111	Nickel	1	17.4	17.4
28375	68111	Nickel	1	27.2	27.2
28377	68111	Nickel	1	23.6	23.6
28417	68111	Nickel	1	27.7	27.7
28423	68111	Nickel	1	20.7	20.7
28434	68111	Nickel	1	28.2	28.2
28518	68111	Nickel	1	21.2	21.2
28544	68111	Nickel	1	20.9	20.9
28558	68111	Nickel	1	27.8	27.8
28561	68111	Nickel	1	23	23
28573	68111	Nickel	1	22.5	22.5
28611	68111	Nickel	1	22.7	22.7
28612	68111	Nickel	1	27.6	27.6
28618	68111	Nickel	1	27.1	27.1
28623	68111	Nickel	1	24.9	24.9
28625	68111	Nickel	1	24.8	24.8
28648	68111	Nickel	1	25.4	25.4
28661	68111	Nickel	1	18.6	18.6
28688	68111	Nickel	1	18	18
28709	68111	Nickel	1	25.9	25.9
28713	68111	Nickel	1	21.2	21.2
28725	68111	Nickel	1	23.3	23.3
28730	68111	Nickel	1	25.3	25.3
28749	68111	Nickel	1	27.9	27.9
28763	68111	Nickel	1	18.2	18.2
28764	68111	Nickel	1	22.6	22.6
28766	68111	Nickel	1	21.6	21.6
28781	68111	Nickel	1	14.9	14.9
28785	68111	Nickel	1	27.1	27.1
28798	68111	Nickel	1	23.2	23.2
28799	68111	Nickel	1	20.8	20.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28809	68111	Nickel	1	17	17
28811	68111	Nickel	1	24.2	24.2
28819	68111	Nickel	1	22.9	22.9
28836	68111	Nickel	1	23.7	23.7
28837	68111	Nickel	1	27.8	27.8
28841	68111	Nickel	1	21.3	21.3
28846	68111	Nickel	1	24.8	24.8
28893	68111	Nickel	1	24.4	24.4
28909	68111	Nickel	1	26.1	26.1
28942	68111	Nickel	1	25.7	25.7
28959	68111	Nickel	1	28.9	28.9
28963	68111	Nickel	1	21.6	21.6
28967	68111	Nickel	1	19.8	19.8
28984	68111	Nickel	1	25.5	25.5
28991	68111	Nickel	1	23	23
29002	68111	Nickel	1	26.2	26.2
29023	68111	Nickel	1	22.3	22.3
29033	68111	Nickel	1	28.7	28.7
29037	68111	Nickel	1	26	26
29071	68111	Nickel	1	35.9	35.9
29090	68111	Nickel	1	30.2	30.2
29101	68111	Nickel	1	20.8	20.8
29102	68111	Nickel	1	23.9	23.9
29105	68111	Nickel	1	21.6	21.6
29155	68111	Nickel	1	17.8	17.8
29165	68111	Nickel	1	20.4	20.4
29175	68111	Nickel	1	27.1	27.1
29177	68111	Nickel	1	24	24
29181	68111	Nickel	1	24.7	24.7
29204	68111	Nickel	1	1	1
29205	68111	Nickel	1	24.5	24.5
29214	68111	Nickel	1	18.9	18.9
29220	68111	Nickel	1	21.3	21.3
29240	68111	Nickel	1	23.8	23.8
29248	68111	Nickel	1	11.6	11.6
29274	68111	Nickel	1	20.1	20.1
29285	68111	Nickel	1	20.5	20.5
29328	68111	Nickel	1	23.3	23.3
29343	68111	Nickel	1	23.6	23.6
29354	68111	Nickel	1	23.8	23.8
29358	68111	Nickel	1	23.9	23.9
29386	68111	Nickel	1	16.7	16.7
29409	68111	Nickel	1	23.1	23.1
29431	68111	Nickel	1	26.3	26.3
29432	68111	Nickel	1	20	20
29445	68111	Nickel	1	27.7	27.7
29469	68111	Nickel	1	22.6	22.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29499	68111	Nickel	1	22	22
29552	68111	Nickel	1	28	28
29558	68111	Nickel	1	22.7	22.7
29578	68111	Nickel	1	31.8	31.8
29608	68111	Nickel	1	21.4	21.4
29625	68111	Nickel	1	26.2	26.2
29633	68111	Nickel	1	25.7	25.7
29671	68111	Nickel	1	21.9	21.9
29678	68111	Nickel	1	23.9	23.9
29683	68111	Nickel	1	21.6	21.6
29684	68111	Nickel	1	18.7	18.7
29689	68111	Nickel	1	23.5	23.5
29717	68111	Nickel	1	17.5	17.5
29777	68111	Nickel	1	25.6	25.6
29792	68111	Nickel	1	19.1	19.1
29806	68111	Nickel	1	24.6	24.6
29818	68111	Nickel	1	24.7	24.7
29824	68111	Nickel	1	16.5	16.5
29826	68111	Nickel	1	21.3	21.3
29881	68111	Nickel	1	26.6	26.6
29889	68111	Nickel	1	25.5	25.5
29910	68111	Nickel	1	21.3	21.3
29912	68111	Nickel	1	25.3	25.3
29927	68111	Nickel	1	20.9	20.9
29953	68111	Nickel	1	18.8	18.8
29974	68111	Nickel	1	21.7	21.7
29978	68111	Nickel	1	24.8	24.8
29991	68111	Nickel	1	17.9	17.9
29993	68111	Nickel	1	24.8	24.8
30012	68111	Nickel	1	21.2	21.2
30045	68111	Nickel	1	22	22
30050	68111	Nickel	1	21	21
30068	68111	Nickel	1	21.7	21.7
30078	68111	Nickel	1	24.1	24.1
30081	68111	Nickel	1	23.2	23.2
30123	68111	Nickel	1	28	28
30130	68111	Nickel	1	25.1	25.1
30133	68111	Nickel	1	23.7	23.7
30161	68111	Nickel	1	20.4	20.4
30169	68111	Nickel	1	26.7	26.7
30171	68111	Nickel	1	25.7	25.7
30177	68111	Nickel	1	20.9	20.9
30182	68111	Nickel	1	22.2	22.2
30201	68111	Nickel	1	19	19
30220	68111	Nickel	1	29.9	29.9
30225	68111	Nickel	1	26.1	26.1
30244	68111	Nickel	1	19.8	19.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30253	68111	Nickel	1	23.1	23.1
30345	68111	Nickel	1	26.4	26.4
30347	68111	Nickel	1	19.4	19.4
30387	68111	Nickel	1	19.6	19.6
30417	68111	Nickel	1	19.9	19.9
30420	68111	Nickel	1	21.7	21.7
30434	68111	Nickel	1	22.8	22.8
30455	68111	Nickel	1	23.8	23.8
30462	68111	Nickel	1	26	26
30494	68111	Nickel	1	23.1	23.1
30521	68111	Nickel	1	24.8	24.8
30526	68111	Nickel	1	19.3	19.3
30536	68111	Nickel	1	25.7	25.7
30563	68111	Nickel	1	25.8	25.8
30580	68111	Nickel	1	27.1	27.1
30625	68111	Nickel	1	22.6	22.6
30644	68111	Nickel	1	18.6	18.6
30645	68111	Nickel	1	21.3	21.3
30683	68111	Nickel	1	17	17
30699	68111	Nickel	1	21.2	21.2
30700	68111	Nickel	1	20.7	20.7
30714	68111	Nickel	1	21.1	21.1
30757	68111	Nickel	1	21.7	21.7
30802	68111	Nickel	1	22.8	22.8
30813	68111	Nickel	1	24.1	24.1
30817	68111	Nickel	1	25.8	25.8
30836	68111	Nickel	1	26.9	26.9
30841	68111	Nickel	1	25.7	25.7
30844	68111	Nickel	1	20.9	20.9
30881	68111	Nickel	1	22.4	22.4
30888	68111	Nickel	1	26	26
30918	68111	Nickel	1	24.8	24.8
30927	68111	Nickel	1	23	23
30932	68111	Nickel	1	21.2	21.2
30933	68111	Nickel	1	21.5	21.5
30939	68111	Nickel	1	21.1	21.1
30978	68111	Nickel	1	21.6	21.6
30991	68111	Nickel	1	26.4	26.4
30995	68111	Nickel	1	22.6	22.6
30997	68111	Nickel	1	17.9	17.9
31008	68111	Nickel	1	20.6	20.6
31042	68111	Nickel	1	22.3	22.3
31045	68111	Nickel	1	26.7	26.7
31046	68111	Nickel	1	25.8	25.8
31052	68111	Nickel	1	12.3	12.3
31056	68111	Nickel	1	23.6	23.6
31071	68111	Nickel	1	24.3	24.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31074	68111	Nickel	1	23.4	23.4
31076	68111	Nickel	1	14.8	14.8
31081	68111	Nickel	1	17.8	17.8
31102	68111	Nickel	1	22.2	22.2
31104	68111	Nickel	1	24	24
31120	68111	Nickel	1	22.9	22.9
31129	68111	Nickel	1	24.9	24.9
31131	68111	Nickel	1	28.5	28.5
31141	68111	Nickel	1	20.1	20.1
31145	68111	Nickel	1	27.4	27.4
31163	68111	Nickel	1	24.7	24.7
31171	68111	Nickel	1	24.1	24.1
31176	68111	Nickel	1	19.8	19.8
31186	68111	Nickel	1	26.1	26.1
31189	68111	Nickel	1	19.7	19.7
31192	68111	Nickel	1	20.8	20.8
31206	68111	Nickel	1	25.4	25.4
31229	68111	Nickel	1	17.7	17.7
31237	68111	Nickel	1	20.7	20.7
31262	68111	Nickel	1	26.1	26.1
31300	68111	Nickel	1	21.5	21.5
31303	68111	Nickel	1	22	22
31316	68111	Nickel	1	31.1	31.1
31357	68111	Nickel	1	23.9	23.9
31360	68111	Nickel	1	24.8	24.8
31361	68111	Nickel	1	16.9	16.9
31362	68111	Nickel	1	17.4	17.4
31365	68111	Nickel	1	25	25
31366	68111	Nickel	1	21.9	21.9
31377	68111	Nickel	1	18.9	18.9
31398	68111	Nickel	1	20.9	20.9
31408	68111	Nickel	1	21.1	21.1
31433	68111	Nickel	1	17.6	17.6
31442	68111	Nickel	1	24.6	24.6
31444	68111	Nickel	1	25.9	25.9
31457	68111	Nickel	1	21.2	21.2
31478	68111	Nickel	1	21.2	21.2
31517	68111	Nickel	1	24.8	24.8
31583	68111	Nickel	1	23	23
31603	68111	Nickel	1	21.2	21.2
31607	68111	Nickel	1	19.4	19.4
31615	68111	Nickel	1	20.2	20.2
31695	68111	Nickel	1	22.7	22.7
31698	68111	Nickel	1	25.9	25.9
31733	68111	Nickel	1	19.9	19.9
31740	68111	Nickel	1	24.4	24.4
31799	68111	Nickel	1	20.9	20.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31803	68111	Nickel	1	25.1	25.1
31823	68111	Nickel	1	23.6	23.6
31850	68111	Nickel	1	21.3	21.3
31853	68111	Nickel	1	22.5	22.5
31854	68111	Nickel	1	24.6	24.6
31858	68111	Nickel	1	18.2	18.2
31868	68111	Nickel	1	23.4	23.4
31871	68111	Nickel	1	26.2	26.2
31882	68111	Nickel	1	19.7	19.7
31887	68111	Nickel	1	17.5	17.5
31896	68111	Nickel	1	18	18
31899	68111	Nickel	1	23.7	23.7
31911	68111	Nickel	1	21.5	21.5
31925	68111	Nickel	1	25	25
31936	68111	Nickel	1	29.3	29.3
31964	68111	Nickel	1	20.1	20.1
31965	68111	Nickel	1	20.4	20.4
31977	68111	Nickel	1	21.2	21.2
31986	68111	Nickel	1	22	22
32001	68111	Nickel	1	19.9	19.9
32016	68111	Nickel	1	24.5	24.5
32021	68111	Nickel	1	28	28
32022	68111	Nickel	1	20.6	20.6
32040	68111	Nickel	1	22.2	22.2
32046	68111	Nickel	1	29.6	29.6
32049	68111	Nickel	1	24.9	24.9
32070	68111	Nickel	1	22.3	22.3
32081	68111	Nickel	1	22.1	22.1
32089	68111	Nickel	1	18.7	18.7
32092	68111	Nickel	1	19.2	19.2
32153	68111	Nickel	1	23.9	23.9
32162	68111	Nickel	1	22.6	22.6
32168	68111	Nickel	1	26.2	26.2
32208	68111	Nickel	1	19.9	19.9
32228	68111	Nickel	1	25	25
32252	68111	Nickel	1	20.5	20.5
32256	68111	Nickel	1	27.3	27.3
32261	68111	Nickel	1	25.8	25.8
32267	68111	Nickel	1	25.2	25.2
32276	68111	Nickel	1	19.1	19.1
32277	68111	Nickel	1	33.1	33.1
32283	68111	Nickel	1	27	27
32284	68111	Nickel	1	18.7	18.7
32287	68111	Nickel	1	26	26
32293	68111	Nickel	1	22.1	22.1
32311	68111	Nickel	1	19	19
32316	68111	Nickel	1	20.6	20.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32325	68111	Nickel	1	15	15
32339	68111	Nickel	1	17.9	17.9
32346	68111	Nickel	1	22.2	22.2
32414	68111	Nickel	1	23.8	23.8
32418	68111	Nickel	1	23.3	23.3
32428	68111	Nickel	1	23.2	23.2
32429	68111	Nickel	1	21.9	21.9
32441	68111	Nickel	1	23.1	23.1
32444	68111	Nickel	1	22.8	22.8
32455	68111	Nickel	1	23.3	23.3
32456	68111	Nickel	1	20.8	20.8
32458	68111	Nickel	1	18.8	18.8
32497	68111	Nickel	1	23.7	23.7
32502	68111	Nickel	1	24.2	24.2
32539	68111	Nickel	1	22.5	22.5
32547	68111	Nickel	1	25.2	25.2
32562	68111	Nickel	1	20.2	20.2
32581	68111	Nickel	1	19.6	19.6
32596	68111	Nickel	1	19.9	19.9
32633	68111	Nickel	1	23	23
32673	68111	Nickel	1	27	27
32678	68111	Nickel	1	26.9	26.9
32686	68111	Nickel	1	28.9	28.9
32696	68111	Nickel	1	23	23
32702	68111	Nickel	1	24.4	24.4
32708	68111	Nickel	1	28	28
32736	68111	Nickel	1	18.1	18.1
32775	68111	Nickel	1	19.9	19.9
32779	68111	Nickel	1	15.8	15.8
32780	68111	Nickel	1	21.6	21.6
32783	68111	Nickel	1	21.1	21.1
32818	68111	Nickel	1	19.1	19.1
32847	68111	Nickel	1	23.3	23.3
32851	68111	Nickel	1	25.6	25.6
32852	68111	Nickel	1	20.3	20.3
32874	68111	Nickel	1	22.8	22.8
32876	68111	Nickel	1	19.7	19.7
32891	68111	Nickel	1	22.5	22.5
32896	68111	Nickel	1	22.5	22.5
32912	68111	Nickel	1	27.3	27.3
32914	68111	Nickel	1	20.3	20.3
32931	68111	Nickel	1	23.7	23.7
32940	68111	Nickel	1	23.2	23.2
32949	68111	Nickel	1	21.8	21.8
32968	68111	Nickel	1	24.4	24.4
32972	68111	Nickel	1	19.6	19.6
32973	68111	Nickel	1	26.6	26.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32974	68111	Nickel	1	24.1	24.1
32989	68111	Nickel	1	18.8	18.8
32992	68111	Nickel	1	20.5	20.5
33009	68111	Nickel	1	21.6	21.6
33012	68111	Nickel	1	22.9	22.9
33014	68111	Nickel	1	21.8	21.8
33036	68111	Nickel	1	23.1	23.1
33037	68111	Nickel	1	20.3	20.3
33042	68111	Nickel	1	28.1	28.1
33043	68111	Nickel	1	23.6	23.6
33060	68111	Nickel	1	24.6	24.6
33062	68111	Nickel	1	24.2	24.2
33120	68111	Nickel	1	23.3	23.3
33177	68111	Nickel	1	25.1	25.1
33207	68111	Nickel	1	23.6	23.6
33296	68111	Nickel	1	23.6	23.6
33314	68111	Nickel	1	22	22
33317	68111	Nickel	1	20.3	20.3
33350	68111	Nickel	1	22.2	22.2
33372	68111	Nickel	1	20.6	20.6
33392	68111	Nickel	1	23.8	23.8
33453	68111	Nickel	1	26.7	26.7
33456	68111	Nickel	1	19.2	19.2
33480	68111	Nickel	1	27.1	27.1
33492	68111	Nickel	1	21.8	21.8
33600	68111	Nickel	1	18.7	18.7
33607	68111	Nickel	1	25.2	25.2
33630	68111	Nickel	1	22.5	22.5
33631	68111	Nickel	1	23.7	23.7
33647	68111	Nickel	1	20.7	20.7
33696	68111	Nickel	1	22.9	22.9
33711	68111	Nickel	1	11.5	11.5
33741	68111	Nickel	1	21.4	21.4
33772	68111	Nickel	1	19.8	19.8
33803	68111	Nickel	1	24.3	24.3
33805	68111	Nickel	1	18.3	18.3
33806	68111	Nickel	1	20.2	20.2
33818	68111	Nickel	1	19.3	19.3
33831	68111	Nickel	1	24.1	24.1
33833	68111	Nickel	1	22.6	22.6
33856	68111	Nickel	1	22.5	22.5
33863	68111	Nickel	1	20.2	20.2
33875	68111	Nickel	1	20	20
33903	68111	Nickel	1	24.8	24.8
33915	68111	Nickel	1	18.4	18.4
33947	68111	Nickel	1	22.9	22.9
33997	68111	Nickel	1	19.9	19.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34037	68111	Nickel	1	14.6	14.6
34040	68111	Nickel	1	18.2	18.2
34059	68111	Nickel	1	27	27
34060	68111	Nickel	1	20.4	20.4
34075	68111	Nickel	1	25	25
34088	68111	Nickel	1	23.3	23.3
34126	68111	Nickel	1	15.9	15.9
34128	68111	Nickel	1	28.2	28.2
34142	68111	Nickel	1	21.8	21.8
34173	68111	Nickel	1	23.4	23.4
34179	68111	Nickel	1	15.4	15.4
34200	68111	Nickel	1	21.4	21.4
34219	68111	Nickel	1	22.1	22.1
34222	68111	Nickel	1	22.7	22.7
34224	68111	Nickel	1	17.1	17.1
34225	68111	Nickel	1	22.4	22.4
34247	68111	Nickel	1	19	19
34251	68111	Nickel	1	20.5	20.5
34255	68111	Nickel	1	19.3	19.3
34257	68111	Nickel	1	17.2	17.2
34320	68111	Nickel	1	27.9	27.9
34371	68111	Nickel	1	29.4	29.4
34377	68111	Nickel	1	22.9	22.9
34387	68111	Nickel	1	20.4	20.4
34396	68111	Nickel	1	19.6	19.6
34430	68111	Nickel	1	22.4	22.4
34444	68111	Nickel	1	22.8	22.8
34478	68111	Nickel	1	14.4	14.4
34503	68111	Nickel	1	24.9	24.9
34560	68111	Nickel	1	21.8	21.8
34562	68111	Nickel	1	20.8	20.8
34595	68111	Nickel	1	24.6	24.6
34621	68111	Nickel	1	23.1	23.1
34626	68111	Nickel	1	22.9	22.9
34639	68111	Nickel	1	17.6	17.6
34663	68111	Nickel	1	24.5	24.5
34669	68111	Nickel	1	24.3	24.3
34691	68111	Nickel	1	23.7	23.7
34703	68111	Nickel	1	23.1	23.1
34766	68111	Nickel	1	16.8	16.8
34778	68111	Nickel	1	16.2	16.2
34888	68111	Nickel	1	20.2	20.2
34892	68111	Nickel	1	26.2	26.2
34904	68111	Nickel	1	20	20
34917	68111	Nickel	1	20.4	20.4
34923	68111	Nickel	1	26.4	26.4
34936	68111	Nickel	1	24.7	24.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34948	68111	Nickel	1	22.7	22.7
34953	68111	Nickel	1	18.8	18.8
34985	68111	Nickel	1	17.1	17.1
34993	68111	Nickel	1	15.9	15.9
34999	68111	Nickel	1	18.2	18.2
35003	68111	Nickel	1	24.8	24.8
35014	68111	Nickel	1	18.5	18.5
35042	68111	Nickel	1	21.4	21.4
35043	68111	Nickel	1	19.2	19.2
35059	68111	Nickel	1	19	19
35072	68111	Nickel	1	19.5	19.5
35095	68111	Nickel	1	21.8	21.8
35137	68111	Nickel	1	14.3	14.3
35152	68111	Nickel	1	22.4	22.4
35223	68111	Nickel	1	29.7	29.7
35233	68111	Nickel	1	21.4	21.4
35242	68111	Nickel	1	22	22
35252	68111	Nickel	1	18.7	18.7
35273	68111	Nickel	1	25.5	25.5
35285	68111	Nickel	1	21.1	21.1
35287	68111	Nickel	1	21.6	21.6
35288	68111	Nickel	1	22.4	22.4
35290	68111	Nickel	1	19.7	19.7
35350	68111	Nickel	1	25.2	25.2
35404	68111	Nickel	1	24.6	24.6
35417	68111	Nickel	1	20.3	20.3
35458	68111	Nickel	1	27.2	27.2
35495	68111	Nickel	1	26.2	26.2
35503	68111	Nickel	1	22.4	22.4
35513	68111	Nickel	1	23.1	23.1
35517	68111	Nickel	1	20.4	20.4
35536	68111	Nickel	1	30.8	30.8
35575	68111	Nickel	1	22.9	22.9
35614	68111	Nickel	1	25	25
35619	68111	Nickel	1	23.9	23.9
35786	68111	Nickel	1	16.7	16.7
35821	68111	Nickel	1	21.1	21.1
35822	68111	Nickel	1	24.4	24.4
35826	68111	Nickel	1	19.7	19.7
35830	68111	Nickel	1	25.6	25.6
35877	68111	Nickel	1	13.6	13.6
35921	68111	Nickel	1	20.2	20.2
35935	68111	Nickel	1	25	25
35943	68111	Nickel	1	23	23
35947	68111	Nickel	1	24.2	24.2
35964	68111	Nickel	1	19	19
35969	68111	Nickel	1	23.7	23.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36000	68111	Nickel	1	27.6	27.6
36007	68111	Nickel	1	27.3	27.3
36015	68111	Nickel	1	15.5	15.5
36024	68111	Nickel	1	22.6	22.6
36040	68111	Nickel	1	26.8	26.8
36046	68111	Nickel	1	29.3	29.3
36072	68111	Nickel	1	22.9	22.9
36093	68111	Nickel	1	23.8	23.8
36116	68111	Nickel	1	21.6	21.6
36138	68111	Nickel	1	22.3	22.3
36167	68111	Nickel	1	19.8	19.8
36194	68111	Nickel	1	22.9	22.9
36212	68111	Nickel	1	24.4	24.4
36238	68111	Nickel	1	20.3	20.3
36246	68111	Nickel	1	22.1	22.1
36251	68111	Nickel	1	20.9	20.9
36257	68111	Nickel	1	20.6	20.6
36259	68111	Nickel	1	22.5	22.5
36269	68111	Nickel	1	21.7	21.7
36325	68111	Nickel	1	19.9	19.9
36356	68111	Nickel	1	20.8	20.8
36408	68111	Nickel	1	19.5	19.5
36410	68111	Nickel	1	20.9	20.9
36427	68111	Nickel	1	13.9	13.9
36464	68111	Nickel	1	24.4	24.4
36467	68111	Nickel	1	20.3	20.3
36507	68111	Nickel	1	20.7	20.7
36557	68111	Nickel	1	22.2	22.2
36574	68111	Nickel	1	24.8	24.8
36656	68111	Nickel	1	16.6	16.6
36679	68111	Nickel	1	23.3	23.3
36701	68111	Nickel	1	18.4	18.4
36706	68111	Nickel	1	18.4	18.4
36936	68111	Nickel	1	21	21
37023	68111	Nickel	1	31.9	31.9
37025	68111	Nickel	1	19.4	19.4
37031	68111	Nickel	1	22	22
37036	68111	Nickel	1	24.1	24.1
37049	68111	Nickel	1	19.6	19.6
37087	68111	Nickel	1	19.7	19.7
37097	68111	Nickel	1	21.6	21.6
37156	68111	Nickel	1	21.4	21.4
37189	68111	Nickel	1	17.3	17.3
37193	68111	Nickel	1	22.5	22.5
37210	68111	Nickel	1	16.5	16.5
37219	68111	Nickel	1	19	19
37223	68111	Nickel	1	18.6	18.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
37226	68111	Nickel	1	20.6	20.6
37276	68111	Nickel	1	26.6	26.6
37361	68111	Nickel	1	8.5	8.5
37402	68111	Nickel	1	18.8	18.8
37465	68111	Nickel	1	16.9	16.9
37470	68111	Nickel	1	22.1	22.1
37684	68111	Nickel	1	20.6	20.6
37738	68111	Nickel	1	22	22
37756	68111	Nickel	1	23.4	23.4
37907	68111	Nickel	2	17.9	19.5
37934	68111	Nickel	1	29.4	29.4
38007	68111	Nickel	1	19.6	19.6
38054	68111	Nickel	1	20.4	20.4
38066	68111	Nickel	1	21.9	21.9
38087	68111	Nickel	1	20.9	20.9
38202	68111	Nickel	1	17.8	17.8
38210	68111	Nickel	1	19.4	19.4
38253	68111	Nickel	1	17.3	17.3
38261	68111	Nickel	1	22.2	22.2
38269	68111	Nickel	1	21.7	21.7
38300	68111	Nickel	1	30.1	30.1
38363	68111	Nickel	1	16	16
38383	68111	Nickel	1	17.4	17.4
38407	68111	Nickel	1	15.7	15.7
38439	68111	Nickel	1	22.2	22.2
38446	68111	Nickel	1	22.6	22.6
38449	68111	Nickel	1	21.4	21.4
38527	68111	Nickel	1	15.5	15.5
38585	68111	Nickel	1	24.4	24.4
38587	68111	Nickel	1	20.4	20.4
38721	68111	Nickel	1	24.7	24.7
38724	68111	Nickel	1	19.8	19.8
38759	68111	Nickel	1	19.9	19.9
38780	68111	Nickel	1	15.6	15.6
38864	68111	Nickel	1	18.1	18.1
49203	68111	Nickel	1	24.3	24.3
49313	68111	Nickel	1	19.6	19.6
49314	68111	Nickel	1	21.8	21.8
49319	68111	Nickel	1	25.6	25.6
49341	68111	Nickel	1	15.9	15.9
49345	68111	Nickel	1	20.1	20.1
49354	68111	Nickel	1	23.8	23.8
50024	68111	Nickel	1	20.9	20.9
50049	68111	Nickel	1	19.9	19.9
50080	68111	Nickel	1	13.5	13.5
50105	68111	Nickel	1	18.4	18.4
50107	68111	Nickel	1	19.1	19.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50120	68111	Nickel	1	17.7	17.7
50146	68111	Nickel	1	21.9	21.9
50356	68111	Nickel	1	15	15
50404	68111	Nickel	1	20.4	20.4
50410	68111	Nickel	1	17	17
50417	68111	Nickel	1	20	20
50424	68111	Nickel	1	19.5	19.5
50434	68111	Nickel	1	20.4	20.4
50447	68111	Nickel	1	20.6	20.6
63239	68111	Nickel	1	21.8	21.8
63751	68111	Nickel	1	17.4	17.4
68070	68111	Nickel	1	13.9	13.9
68686	68111	Nickel	1	20.7	20.7
73862	68111	Nickel	1	22.2	22.2
74664	68111	Nickel	1	25.1	25.1
75011	68111	Nickel	1	18.8	18.8
77146	68111	Nickel	1	16.2	16.2
79703	68111	Nickel	1	23.8	23.8
79704	68111	Nickel	1	18.9	18.9
87761	68111	Nickel	1	17.1	17.1
89893	68111	Nickel	1	20.5	20.5
90107	68111	Nickel	1	23.8	23.8
91234	68111	Nickel	1	20.6	20.6
91335	68111	Nickel	1	25.3	25.3
91926	68111	Nickel	1	24.8	24.8
2269	68112	Nickel	1	54.4	54.4
39755	68112	Nickel	1	22.4	22.4
39951	68112	Nickel	1	18.3	18.3
40194	68112	Nickel	1	18.7	18.7
40523	68112	Nickel	1	20.7	20.7
40879	68112	Nickel	1	20.8	20.8
2097	68131	Nickel	1	18.5	18.5
2156	68131	Nickel	1	16.8	16.8
2165	68131	Nickel	1	17.1	17.1
5037	68131	Nickel	1	20.4	20.4
5150	68131	Nickel	1	22.4	22.4
5153	68131	Nickel	1	22.8	22.8
5186	68131	Nickel	1	22.6	22.6
5188	68131	Nickel	1	21	21
5195	68131	Nickel	1	17.9	17.9
5197	68131	Nickel	1	20.4	20.4
5260	68131	Nickel	1	16.6	16.6
5272	68131	Nickel	1	19.4	19.4
5278	68131	Nickel	1	21.4	21.4
5298	68131	Nickel	1	22.3	22.3
5377	68131	Nickel	1	20.8	20.8
5379	68131	Nickel	1	21.4	21.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5380	68131	Nickel	1	24.3	24.3
22856	68131	Nickel	1	24.4	24.4
23003	68131	Nickel	1	19.9	19.9
23016	68131	Nickel	1	23.6	23.6
23028	68131	Nickel	1	23.5	23.5
23072	68131	Nickel	1	22.4	22.4
23093	68131	Nickel	1	20.3	20.3
23144	68131	Nickel	1	19	19
23145	68131	Nickel	1	25.5	25.5
23150	68131	Nickel	1	22	22
23153	68131	Nickel	1	23.3	23.3
23211	68131	Nickel	1	28.6	28.6
23237	68131	Nickel	1	23.5	23.5
23274	68131	Nickel	1	22.9	22.9
23280	68131	Nickel	1	21.3	21.3
23301	68131	Nickel	1	11.9	11.9
23338	68131	Nickel	1	20.9	20.9
23344	68131	Nickel	1	25.3	25.3
23379	68131	Nickel	1	24.1	24.1
23399	68131	Nickel	1	24.7	24.7
23425	68131	Nickel	1	21.1	21.1
23433	68131	Nickel	1	21.5	21.5
23442	68131	Nickel	1	20.6	20.6
23460	68131	Nickel	1	20.6	20.6
23502	68131	Nickel	1	22	22
23512	68131	Nickel	1	25.8	25.8
23532	68131	Nickel	1	21	21
23537	68131	Nickel	1	23.6	23.6
23539	68131	Nickel	1	25.2	25.2
23577	68131	Nickel	1	20.3	20.3
23580	68131	Nickel	1	26.2	26.2
23584	68131	Nickel	1	20.7	20.7
23586	68131	Nickel	1	25.1	25.1
23611	68131	Nickel	1	20.8	20.8
23634	68131	Nickel	1	25.2	25.2
23673	68131	Nickel	1	17.2	17.2
23675	68131	Nickel	1	22.3	22.3
23700	68131	Nickel	1	24.1	24.1
23742	68131	Nickel	1	20.2	20.2
23786	68131	Nickel	1	16.7	16.7
23788	68131	Nickel	1	24.5	24.5
23790	68131	Nickel	1	18.4	18.4
23817	68131	Nickel	1	24.2	24.2
23822	68131	Nickel	1	22.7	22.7
23824	68131	Nickel	1	23	23
23845	68131	Nickel	1	20.3	20.3
23872	68131	Nickel	1	17.2	17.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23895	68131	Nickel	1	20.3	20.3
23899	68131	Nickel	1	16.3	16.3
23922	68131	Nickel	1	22.1	22.1
23930	68131	Nickel	1	23.8	23.8
23961	68131	Nickel	1	17.8	17.8
23967	68131	Nickel	1	22.8	22.8
23968	68131	Nickel	1	23.2	23.2
23985	68131	Nickel	1	19.2	19.2
23986	68131	Nickel	1	76	76
24000	68131	Nickel	1	23.5	23.5
24010	68131	Nickel	1	21.2	21.2
24019	68131	Nickel	1	21.9	21.9
24027	68131	Nickel	1	20.9	20.9
24098	68131	Nickel	1	22.7	22.7
24109	68131	Nickel	1	24.7	24.7
24119	68131	Nickel	1	24.5	24.5
24126	68131	Nickel	1	18.9	18.9
24132	68131	Nickel	1	24.3	24.3
24141	68131	Nickel	1	23.9	23.9
24156	68131	Nickel	1	7.44	7.44
24162	68131	Nickel	1	17.5	17.5
24182	68131	Nickel	1	30.6	30.6
24190	68131	Nickel	1	23.4	23.4
24214	68131	Nickel	1	24	24
24240	68131	Nickel	1	25.6	25.6
24272	68131	Nickel	1	24.7	24.7
24274	68131	Nickel	1	23	23
24277	68131	Nickel	1	26.6	26.6
24334	68131	Nickel	1	19.5	19.5
24348	68131	Nickel	1	17.5	17.5
24357	68131	Nickel	1	25.9	25.9
24358	68131	Nickel	1	25.2	25.2
24367	68131	Nickel	1	23.2	23.2
24370	68131	Nickel	1	33	33
24374	68131	Nickel	1	19.4	19.4
24376	68131	Nickel	1	27.3	27.3
24390	68131	Nickel	1	19.3	19.3
24396	68131	Nickel	1	20.3	20.3
24411	68131	Nickel	1	21.2	21.2
24451	68131	Nickel	1	20.5	20.5
24457	68131	Nickel	1	24.7	24.7
24577	68131	Nickel	1	20	20
24601	68131	Nickel	1	23.6	23.6
24605	68131	Nickel	1	20.3	20.3
24635	68131	Nickel	1	22.7	22.7
24640	68131	Nickel	1	21.2	21.2
24655	68131	Nickel	1	21.6	21.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24674	68131	Nickel	1	15.7	15.7
24692	68131	Nickel	1	20.4	20.4
24693	68131	Nickel	1	17.5	17.5
24703	68131	Nickel	1	20.3	20.3
24740	68131	Nickel	1	20.6	20.6
24751	68131	Nickel	1	22.9	22.9
24757	68131	Nickel	1	19.6	19.6
24768	68131	Nickel	1	23	23
24776	68131	Nickel	1	21.1	21.1
24794	68131	Nickel	1	30.6	30.6
24800	68131	Nickel	1	20.2	20.2
24808	68131	Nickel	1	21.4	21.4
24887	68131	Nickel	1	26.5	26.5
24896	68131	Nickel	1	26.1	26.1
24931	68131	Nickel	1	19.4	19.4
24958	68131	Nickel	1	24.1	24.1
24962	68131	Nickel	1	24.2	24.2
24964	68131	Nickel	1	29.3	29.3
25005	68131	Nickel	1	23.9	23.9
25009	68131	Nickel	1	26.2	26.2
25061	68131	Nickel	1	23.9	23.9
25063	68131	Nickel	1	24.9	24.9
25078	68131	Nickel	1	24.5	24.5
25096	68131	Nickel	1	21.4	21.4
25130	68131	Nickel	1	27.3	27.3
25133	68131	Nickel	1	26.6	26.6
25137	68131	Nickel	1	24	24
25167	68131	Nickel	1	21.1	21.1
25185	68131	Nickel	1	20.9	20.9
25189	68131	Nickel	1	25.4	25.4
25193	68131	Nickel	1	19.2	19.2
25202	68131	Nickel	1	12.1	12.1
25204	68131	Nickel	1	20.9	20.9
25231	68131	Nickel	1	24.2	24.2
25242	68131	Nickel	1	22.4	22.4
25281	68131	Nickel	1	32.8	32.8
25285	68131	Nickel	1	25.4	25.4
25296	68131	Nickel	1	25.4	25.4
25315	68131	Nickel	1	22.8	22.8
25324	68131	Nickel	1	21.3	21.3
25329	68131	Nickel	1	17.7	17.7
25331	68131	Nickel	1	30.2	30.2
25335	68131	Nickel	1	21.5	21.5
25337	68131	Nickel	1	21.9	21.9
25385	68131	Nickel	1	24.9	24.9
25391	68131	Nickel	1	25.4	25.4
25410	68131	Nickel	1	20.4	20.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25425	68131	Nickel	1	20	20
25456	68131	Nickel	1	22.9	22.9
25547	68131	Nickel	1	16.7	16.7
25554	68131	Nickel	1	27.2	27.2
25558	68131	Nickel	1	21.4	21.4
25579	68131	Nickel	1	21.9	21.9
25604	68131	Nickel	1	23.2	23.2
25607	68131	Nickel	1	23.8	23.8
25634	68131	Nickel	1	24	24
25657	68131	Nickel	1	23.7	23.7
50446	68131	Nickel	1	18.4	18.4
89514	68131	Nickel	1	20.4	20.4
93114	68131	Nickel	1	21.3	21.3
93413	68131	Nickel	1	14.4	14.4
93419	68131	Nickel	1	19.3	19.3
5139	68132	Nickel	1	19.8	19.8
5140	68132	Nickel	1	21.6	21.6
5313	68132	Nickel	1	18.1	18.1
5317	68132	Nickel	1	13	13
49490	68132	Nickel	1	19.8	19.8
49500	68132	Nickel	1	23.2	23.2
49505	68132	Nickel	1	14.4	14.4
49521	68132	Nickel	1	19.6	19.6
49544	68132	Nickel	1	22.5	22.5
49558	68132	Nickel	1	23.8	23.8
49578	68132	Nickel	1	21.8	21.8
49618	68132	Nickel	1	24.6	24.6
49625	68132	Nickel	1	24.2	24.2
49627	68132	Nickel	1	23.4	23.4
49628	68132	Nickel	1	21.5	21.5
49642	68132	Nickel	1	22.2	22.2
49663	68132	Nickel	1	18.3	18.3
49671	68132	Nickel	1	25	25
49672	68132	Nickel	1	20	20
49676	68132	Nickel	1	26	26
49678	68132	Nickel	1	20.9	20.9
49682	68132	Nickel	1	19.7	19.7
49697	68132	Nickel	1	19.4	19.4
49701	68132	Nickel	1	19.8	19.8
49704	68132	Nickel	1	24.5	24.5
49716	68132	Nickel	1	26.2	26.2
49717	68132	Nickel	1	22.4	22.4
49724	68132	Nickel	1	25.2	25.2
49725	68132	Nickel	1	20.3	20.3
49726	68132	Nickel	1	18.1	18.1
49727	68132	Nickel	1	23.3	23.3
49736	68132	Nickel	1	21.6	21.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49739	68132	Nickel	1	20	20
49759	68132	Nickel	1	31.8	31.8
49760	68132	Nickel	1	24.3	24.3
49774	68132	Nickel	1	22.6	22.6
49781	68132	Nickel	1	27.4	27.4
49783	68132	Nickel	1	23.1	23.1
49793	68132	Nickel	1	27.7	27.7
49800	68132	Nickel	1	22	22
49806	68132	Nickel	1	19.2	19.2
49812	68132	Nickel	1	20.4	20.4
49819	68132	Nickel	1	26.9	26.9
49833	68132	Nickel	1	19.8	19.8
49846	68132	Nickel	1	20.7	20.7
49852	68132	Nickel	1	19.2	19.2
49853	68132	Nickel	1	18.8	18.8
49855	68132	Nickel	1	25.2	25.2
49863	68132	Nickel	1	25.7	25.7
49884	68132	Nickel	1	84.9	84.9
49892	68132	Nickel	1	16.2	16.2
49902	68132	Nickel	1	11.1	11.1
49907	68132	Nickel	1	21.1	21.1
49911	68132	Nickel	1	20.6	20.6
49913	68132	Nickel	1	22.3	22.3
49918	68132	Nickel	1	22.5	22.5
49922	68132	Nickel	1	18.5	18.5
49929	68132	Nickel	1	9.52	9.52
49931	68132	Nickel	1	19	19
49936	68132	Nickel	1	24	24
49941	68132	Nickel	1	19.8	19.8
49943	68132	Nickel	1	21.5	21.5
49953	68132	Nickel	1	19.1	19.1
49956	68132	Nickel	1	17.5	17.5
49958	68132	Nickel	1	16.8	16.8
49961	68132	Nickel	1	12.4	12.4
49971	68132	Nickel	1	23.7	23.7
49974	68132	Nickel	1	20.1	20.1
49986	68132	Nickel	1	25.1	25.1
49994	68132	Nickel	1	23.2	23.2
49995	68132	Nickel	1	20.3	20.3
50479	68132	Nickel	1	25.2	25.2
50484	68132	Nickel	1	23.6	23.6
50485	68132	Nickel	1	25.2	25.2
50536	68132	Nickel	1	22.4	22.4
51190	68132	Nickel	1	26.7	26.7
51214	68132	Nickel	1	23.7	23.7
51217	68132	Nickel	1	21.5	21.5
51225	68132	Nickel	1	19.8	19.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51228	68132	Nickel	1	25.8	25.8
51234	68132	Nickel	1	26.6	26.6
51256	68132	Nickel	1	22.7	22.7
51263	68132	Nickel	1	26.9	26.9
51270	68132	Nickel	1	23.2	23.2
51278	68132	Nickel	1	20.1	20.1
51280	68132	Nickel	1	17.5	17.5
51327	68132	Nickel	1	16.5	16.5
51349	68132	Nickel	1	1.925	1.925
51361	68132	Nickel	1	22.9	22.9
51369	68132	Nickel	1	16.1	16.1
51381	68132	Nickel	1	20.4	20.4
51391	68132	Nickel	1	20.9	20.9
51392	68132	Nickel	1	24.5	24.5
51394	68132	Nickel	1	24.1	24.1
51401	68132	Nickel	1	8.9	8.9
51412	68132	Nickel	1	20.2	20.2
51437	68132	Nickel	1	22.7	22.7
51440	68132	Nickel	1	18.5	18.5
51457	68132	Nickel	1	20.1	20.1
51483	68132	Nickel	1	21.1	21.1
51492	68132	Nickel	1	21.7	21.7
51504	68132	Nickel	1	24	24
51512	68132	Nickel	1	24.9	24.9
51519	68132	Nickel	1	28.3	28.3
51525	68132	Nickel	1	18.9	18.9
51544	68132	Nickel	1	21.1	21.1
51546	68132	Nickel	1	22.1	22.1
51551	68132	Nickel	1	12.8	12.8
51569	68132	Nickel	1	24.9	24.9
51587	68132	Nickel	1	23	23
51588	68132	Nickel	1	19.8	19.8
51598	68132	Nickel	1	24.6	24.6
51600	68132	Nickel	1	18.7	18.7
51607	68132	Nickel	1	22.1	22.1
51630	68132	Nickel	1	22.2	22.2
51640	68132	Nickel	1	18.3	18.3
51645	68132	Nickel	1	19.9	19.9
51646	68132	Nickel	1	23.1	23.1
51659	68132	Nickel	1	27.1	27.1
51667	68132	Nickel	1	20.8	20.8
51671	68132	Nickel	1	16.9	16.9
51676	68132	Nickel	1	20.8	20.8
51705	68132	Nickel	1	24.5	24.5
51706	68132	Nickel	1	23.7	23.7
51708	68132	Nickel	1	22.3	22.3
51710	68132	Nickel	1	17.5	17.5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51712	68132	Nickel	1	25	25
51735	68132	Nickel	1	26	26
51750	68132	Nickel	1	27.3	27.3
51752	68132	Nickel	1	23.3	23.3
51767	68132	Nickel	1	22.4	22.4
51769	68132	Nickel	1	14	14
51779	68132	Nickel	1	20.1	20.1
51780	68132	Nickel	1	23.8	23.8
51785	68132	Nickel	1	21	21
51790	68132	Nickel	1	19	19
51800	68132	Nickel	1	23.8	23.8
51803	68132	Nickel	1	24.4	24.4
51805	68132	Nickel	1	18.3	18.3
51807	68132	Nickel	1	17.7	17.7
51808	68132	Nickel	1	22.2	22.2
51820	68132	Nickel	1	27.4	27.4
51829	68132	Nickel	1	21.4	21.4
51840	68132	Nickel	1	20.4	20.4
51844	68132	Nickel	1	23	23
51846	68132	Nickel	1	21.1	21.1
51847	68132	Nickel	1	21.7	21.7
51854	68132	Nickel	1	22.6	22.6
51855	68132	Nickel	1	23.9	23.9
51857	68132	Nickel	1	15.8	15.8
51861	68132	Nickel	1	20.2	20.2
51863	68132	Nickel	1	23.2	23.2
51866	68132	Nickel	1	18.7	18.7
51872	68132	Nickel	1	22.5	22.5
51897	68132	Nickel	1	23.5	23.5
51918	68132	Nickel	1	15.7	15.7
51921	68132	Nickel	1	20.5	20.5
51938	68132	Nickel	1	18.2	18.2
51946	68132	Nickel	1	20.2	20.2
51949	68132	Nickel	1	19.6	19.6
51959	68132	Nickel	1	22.6	22.6
51960	68132	Nickel	1	20.6	20.6
51972	68132	Nickel	1	13.7	13.7
51990	68132	Nickel	1	19.5	19.5
51997	68132	Nickel	1	26.9	26.9
52023	68132	Nickel	1	24	24
52035	68132	Nickel	1	20.6	20.6
52046	68132	Nickel	1	18.6	18.6
52054	68132	Nickel	1	22.3	22.3
52059	68132	Nickel	1	17	17
52075	68132	Nickel	1	19.2	19.2
52078	68132	Nickel	1	23.3	23.3
52080	68132	Nickel	1	24.3	24.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52085	68132	Nickel	1	24.9	24.9
52090	68132	Nickel	1	24	24
52091	68132	Nickel	1	20.1	20.1
52097	68132	Nickel	1	25.5	25.5
52101	68132	Nickel	1	20.5	20.5
52106	68132	Nickel	1	24.6	24.6
52112	68132	Nickel	1	9.31	9.31
52119	68132	Nickel	1	22	22
52122	68132	Nickel	1	21.7	21.7
52128	68132	Nickel	1	20.7	20.7
52129	68132	Nickel	1	21.3	21.3
52137	68132	Nickel	1	24.8	24.8
52140	68132	Nickel	1	20.1	20.1
52141	68132	Nickel	1	21.3	21.3
52150	68132	Nickel	1	21.3	21.3
52155	68132	Nickel	2	19.35	19.6
52158	68132	Nickel	1	25	25
52166	68132	Nickel	1	27	27
52167	68132	Nickel	1	14.4	14.4
52177	68132	Nickel	1	20.8	20.8
52178	68132	Nickel	1	21.2	21.2
52181	68132	Nickel	1	20.1	20.1
52186	68132	Nickel	1	22.7	22.7
52187	68132	Nickel	1	24.2	24.2
52190	68132	Nickel	1	23.9	23.9
52192	68132	Nickel	1	19.8	19.8
52198	68132	Nickel	1	21.9	21.9
52202	68132	Nickel	1	19.2	19.2
52206	68132	Nickel	1	23.9	23.9
52214	68132	Nickel	1	25.2	25.2
52226	68132	Nickel	1	21.5	21.5
52228	68132	Nickel	1	22.4	22.4
52243	68132	Nickel	1	21.6	21.6
52244	68132	Nickel	1	24.9	24.9
52246	68132	Nickel	1	20.7	20.7
52327	68132	Nickel	1	15.4	15.4
52336	68132	Nickel	1	19.7	19.7
52356	68132	Nickel	1	20	20
52357	68132	Nickel	1	23.2	23.2
52367	68132	Nickel	1	23.2	23.2
52378	68132	Nickel	1	23.9	23.9
52386	68132	Nickel	1	24.3	24.3
52387	68132	Nickel	1	18	18
52411	68132	Nickel	1	21.7	21.7
63007	68132	Nickel	1	21.7	21.7
66781	68132	Nickel	1	19.7	19.7
66791	68132	Nickel	1	19	19

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
92431	68132	Nickel	1	21	21
2133	68104	Potassium	1	1660	1660
5026	68104	Potassium	1	2720	2720
5143	68104	Potassium	1	2050	2050
5144	68104	Potassium	1	1590	1590
5145	68104	Potassium	1	1940	1940
5147	68104	Potassium	1	1530	1530
2229	68105	Potassium	1	2190	2190
2299	68105	Potassium	1	2300	2300
2300	68105	Potassium	1	2270	2270
2308	68105	Potassium	1	1570	1570
3076	68105	Potassium	1	2180	2180
3118	68105	Potassium	1	1750	1750
5054	68105	Potassium	1	1640	1640
5057	68105	Potassium	1	2070	2070
5105	68105	Potassium	1	2160	2160
5109	68105	Potassium	1	1470	1470
5110	68105	Potassium	1	2260	2260
5112	68105	Potassium	1	1930	1930
5117	68105	Potassium	1	2390	2390
5123	68105	Potassium	1	2290	2290
5128	68105	Potassium	1	2210	2210
5129	68105	Potassium	1	1990	1990
5132	68105	Potassium	1	2030	2030
5134	68105	Potassium	1	2610	2610
5338	68105	Potassium	1	1720	1720
5347	68105	Potassium	1	2690	2690
5351	68105	Potassium	1	120	120
5352	68105	Potassium	1	2000	2000
5355	68105	Potassium	1	2260	2260
5356	68105	Potassium	1	2110	2110
5357	68105	Potassium	1	2040	2040
5359	68105	Potassium	1	1520	1520
5361	68105	Potassium	1	1640	1640
5363	68105	Potassium	1	3050	3050
5364	68105	Potassium	1	1820	1820
5365	68105	Potassium	1	1910	1910
5367	68105	Potassium	1	2380	2380
5486	68105	Potassium	1	1510	1510
5488	68105	Potassium	1	2210	2210
5489	68105	Potassium	1	1920	1920
5495	68105	Potassium	1	1760	1760
5509	68105	Potassium	1	1880	1880
5610	68105	Potassium	1	1940	1940
2030	68107	Potassium	1	2670	2670
2038	68107	Potassium	1	2290	2290
2104	68107	Potassium	1	1920	1920

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2124	68107	Potassium	1	2580	2580
2167	68107	Potassium	1	2660	2660
2206	68107	Potassium	1	2700	2700
2252	68107	Potassium	1	2740	2740
2273	68107	Potassium	1	3180	3180
2292	68107	Potassium	1	2100	2100
3003	68107	Potassium	1	2070	2070
3021	68107	Potassium	1	3710	3710
3074	68107	Potassium	1	1630	1630
3121	68107	Potassium	1	2200	2200
5066	68107	Potassium	1	1730	1730
5076	68107	Potassium	1	3090	3090
5130	68107	Potassium	1	2410	2410
5157	68107	Potassium	1	2260	2260
5159	68107	Potassium	1	2930	2930
5161	68107	Potassium	1	2640	2640
5163	68107	Potassium	1	2760	2760
5165	68107	Potassium	1	2940	2940
5166	68107	Potassium	1	2970	2970
5172	68107	Potassium	1	1690	1690
5176	68107	Potassium	1	3150	3150
5178	68107	Potassium	1	2310	2310
5180	68107	Potassium	1	2380	2380
5182	68107	Potassium	1	2190	2190
5183	68107	Potassium	1	2210	2210
5185	68107	Potassium	1	2590	2590
5211	68107	Potassium	1	2430	2430
5212	68107	Potassium	1	2630	2630
2170	68108	Potassium	1	2580	2580
5225	68108	Potassium	1	2310	2310
5227	68108	Potassium	1	1920	1920
5229	68108	Potassium	1	2450	2450
5284	68108	Potassium	1	2150	2150
5300	68108	Potassium	1	2940	2940
5304	68108	Potassium	1	2290	2290
5306	68108	Potassium	1	1890	1890
5332	68108	Potassium	1	1550	1550
5387	68108	Potassium	1	2200	2200
5390	68108	Potassium	1	2350	2350
5394	68108	Potassium	1	1820	1820
5395	68108	Potassium	1	2070	2070
5398	68108	Potassium	1	2130	2130
5403	68108	Potassium	1	1800	1800
5407	68108	Potassium	1	1790	1790
5408	68108	Potassium	1	2060	2060
5409	68108	Potassium	1	1140	1140
5416	68108	Potassium	1	2250	2250

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5418	68108	Potassium	1	2050	2050
5422	68108	Potassium	1	2090	2090
5425	68108	Potassium	1	2240	2240
5426	68108	Potassium	1	1930	1930
5427	68108	Potassium	1	1990	1990
5429	68108	Potassium	1	1860	1860
5431	68108	Potassium	1	2020	2020
5432	68108	Potassium	1	1910	1910
5449	68108	Potassium	1	2240	2240
5450	68108	Potassium	1	1940	1940
5454	68108	Potassium	1	1880	1880
5460	68108	Potassium	1	2080	2080
5463	68108	Potassium	1	1990	1990
5467	68108	Potassium	1	2620	2620
5472	68108	Potassium	1	2110	2110
5473	68108	Potassium	1	2090	2090
5474	68108	Potassium	1	2460	2460
5480	68108	Potassium	1	1750	1750
5483	68108	Potassium	1	2500	2500
5485	68108	Potassium	1	2100	2100
5492	68108	Potassium	1	2280	2280
5505	68108	Potassium	1	1860	1860
5572	68108	Potassium	1	3710	3710
5607	68108	Potassium	1	2280	2280
5608	68108	Potassium	1	2440	2440
5623	68108	Potassium	1	1970	1970
5628	68108	Potassium	1	2410	2410
5630	68108	Potassium	1	2530	2530
5636	68108	Potassium	1	1720	1720
5637	68108	Potassium	1	1960	1960
5652	68108	Potassium	1	1790	1790
2069	68110	Potassium	1	2190	2190
2280	68110	Potassium	1	2200	2200
2354	68110	Potassium	1	2100	2100
3136	68110	Potassium	1	1890	1890
5258	68110	Potassium	1	2480	2480
5388	68110	Potassium	1	2240	2240
5520	68110	Potassium	1	2480	2480
5525	68110	Potassium	1	2300	2300
5527	68110	Potassium	1	3450	3450
5530	68110	Potassium	1	2440	2440
5532	68110	Potassium	1	2010	2010
5536	68110	Potassium	1	3390	3390
5541	68110	Potassium	1	2390	2390
5544	68110	Potassium	1	2560	2560
5546	68110	Potassium	1	2230	2230
5551	68110	Potassium	1	1960	1960

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5559	68110	Potassium	1	2480	2480
5560	68110	Potassium	1	2270	2270
5561	68110	Potassium	1	1800	1800
5563	68110	Potassium	1	2010	2010
5565	68110	Potassium	1	2440	2440
5566	68110	Potassium	1	1890	1890
5612	68110	Potassium	1	1850	1850
5614	68110	Potassium	1	1970	1970
5641	68110	Potassium	1	3080	3080
5651	68110	Potassium	1	2590	2590
2035	68111	Potassium	1	2250	2250
2075	68111	Potassium	1	2600	2600
2103	68111	Potassium	1	2210	2210
2109	68111	Potassium	1	2820	2820
2121	68111	Potassium	1	2310	2310
2126	68111	Potassium	1	2430	2430
2154	68111	Potassium	1	2860	2860
2179	68111	Potassium	1	2140	2140
2216	68111	Potassium	1	3150	3150
2225	68111	Potassium	1	1950	1950
2231	68111	Potassium	1	968	968
2262	68111	Potassium	1	2970	2970
2365	68111	Potassium	1	2630	2630
3046	68111	Potassium	1	2160	2160
3051	68111	Potassium	1	2380	2380
3058	68111	Potassium	1	2480	2480
3091	68111	Potassium	1	1790	1790
3133	68111	Potassium	1	1870	1870
3151	68111	Potassium	1	2650	2650
5013	68111	Potassium	1	2960	2960
5085	68111	Potassium	1	2430	2430
5170	68111	Potassium	1	2490	2490
5171	68111	Potassium	1	2230	2230
5204	68111	Potassium	1	2580	2580
5206	68111	Potassium	1	2020	2020
5208	68111	Potassium	1	2330	2330
5215	68111	Potassium	1	2730	2730
5221	68111	Potassium	1	2390	2390
5230	68111	Potassium	1	2530	2530
5232	68111	Potassium	1	2070	2070
5234	68111	Potassium	1	2840	2840
5236	68111	Potassium	1	2890	2890
5238	68111	Potassium	1	1950	1950
5240	68111	Potassium	1	1470	1470
5242	68111	Potassium	1	2070	2070
5246	68111	Potassium	1	2680	2680
5288	68111	Potassium	1	2660	2660

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5296	68111	Potassium	1	3410	3410
5330	68111	Potassium	1	2260	2260
5333	68111	Potassium	1	1930	1930
5513	68111	Potassium	1	2700	2700
5514	68111	Potassium	1	2430	2430
5618	68111	Potassium	1	2420	2420
2269	68112	Potassium	1	2470	2470
2097	68131	Potassium	1	1870	1870
2156	68131	Potassium	1	1990	1990
5037	68131	Potassium	1	2150	2150
5150	68131	Potassium	1	2220	2220
5153	68131	Potassium	1	2240	2240
5186	68131	Potassium	1	2500	2500
5188	68131	Potassium	1	1990	1990
5195	68131	Potassium	1	1830	1830
5197	68131	Potassium	1	2720	2720
5260	68131	Potassium	1	2460	2460
5272	68131	Potassium	1	2100	2100
5278	68131	Potassium	1	1800	1800
5298	68131	Potassium	1	2920	2920
5377	68131	Potassium	1	2310	2310
5379	68131	Potassium	1	2560	2560
5380	68131	Potassium	1	2310	2310
5139	68132	Potassium	1	2240	2240
5140	68132	Potassium	1	1860	1860
5313	68132	Potassium	1	2220	2220
5317	68132	Potassium	1	1730	1730
22493	68102	Selenium	1	2.11	2.11
25567	68102	Selenium	1	5	5
25717	68102	Selenium	1	1.905	1.905
25720	68102	Selenium	1	5	5
25914	68102	Selenium	1	1.86	1.86
90101	68102	Selenium	1	4.95	4.95
2133	68104	Selenium	1	5	5
5026	68104	Selenium	1	5	5
5143	68104	Selenium	1	5	5
5144	68104	Selenium	1	5	5
5145	68104	Selenium	1	5	5
5147	68104	Selenium	1	5	5
50647	68104	Selenium	1	1.97	1.97
1626	68105	Selenium	1	1.945	1.945
2229	68105	Selenium	1	5	5
2299	68105	Selenium	1	0.82	0.82
2300	68105	Selenium	1	0.735	0.735
2308	68105	Selenium	1	0.6	0.6
2441	68105	Selenium	1	5	5
2448	68105	Selenium	1	1.94	1.94

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2465	68105	Selenium	1	2.035	2.035
3076	68105	Selenium	1	0.3715	0.3715
3118	68105	Selenium	1	0.76	0.76
5054	68105	Selenium	1	5	5
5057	68105	Selenium	1	5	5
5105	68105	Selenium	1	5	5
5109	68105	Selenium	1	5	5
5110	68105	Selenium	1	5	5
5112	68105	Selenium	1	5	5
5117	68105	Selenium	1	5	5
5123	68105	Selenium	1	5	5
5128	68105	Selenium	1	5	5
5129	68105	Selenium	1	5	5
5132	68105	Selenium	1	5	5
5134	68105	Selenium	1	5	5
5325	68105	Selenium	1	2.165	2.165
5338	68105	Selenium	1	1.69	1.69
5347	68105	Selenium	1	1.17	1.17
5351	68105	Selenium	1	1.07	1.07
5352	68105	Selenium	1	3.07	3.07
5355	68105	Selenium	1	3.99	3.99
5356	68105	Selenium	1	1.19	1.19
5357	68105	Selenium	1	1.55	1.55
5359	68105	Selenium	1	1.25	1.25
5361	68105	Selenium	1	2.05	2.05
5363	68105	Selenium	1	1.69	1.69
5364	68105	Selenium	1	2.63	2.63
5365	68105	Selenium	1	1.99	1.99
5367	68105	Selenium	1	1.61	1.61
5486	68105	Selenium	1	1.97	1.97
5488	68105	Selenium	1	3.7	3.7
5489	68105	Selenium	1	4.64	4.64
5495	68105	Selenium	1	3.61	3.61
5509	68105	Selenium	1	3.87	3.87
5610	68105	Selenium	1	3.96	3.96
12784	68105	Selenium	1	5	5
12864	68105	Selenium	1	2.145	2.145
12875	68105	Selenium	1	1.8	1.8
12886	68105	Selenium	1	1.82	1.82
12964	68105	Selenium	1	5	5
12995	68105	Selenium	1	5	5
13069	68105	Selenium	1	5	5
13073	68105	Selenium	1	2.04	2.04
13092	68105	Selenium	1	1.995	1.995
13166	68105	Selenium	1	5	5
13185	68105	Selenium	1	1.96	1.96
13187	68105	Selenium	1	5.25	5.25

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13191	68105	Selenium	1	5	5
13204	68105	Selenium	1	5	5
13209	68105	Selenium	1	5	5
13237	68105	Selenium	1	1.965	1.965
13240	68105	Selenium	1	5	5
13245	68105	Selenium	1	5	5
13248	68105	Selenium	1	1.925	1.925
13273	68105	Selenium	1	1.91	1.91
13283	68105	Selenium	1	1.765	1.765
13322	68105	Selenium	1	3.48	3.48
13336	68105	Selenium	1	2.205	2.205
13370	68105	Selenium	1	2.3	2.3
13381	68105	Selenium	1	5.3	5.3
13389	68105	Selenium	1	5	5
13403	68105	Selenium	1	5	5
13437	68105	Selenium	1	5.2	5.2
13438	68105	Selenium	1	1.795	1.795
13460	68105	Selenium	1	5	5
13476	68105	Selenium	1	1.905	1.905
13573	68105	Selenium	1	5	5
13577	68105	Selenium	1	5	5
13611	68105	Selenium	1	5	5
13656	68105	Selenium	1	2.05	2.05
13690	68105	Selenium	1	5	5
13731	68105	Selenium	1	5	5
13735	68105	Selenium	1	5	5
13741	68105	Selenium	1	5	5
13745	68105	Selenium	1	5	5
13779	68105	Selenium	1	1.865	1.865
13790	68105	Selenium	1	1.925	1.925
13791	68105	Selenium	1	5	5
13793	68105	Selenium	1	5	5
13851	68105	Selenium	1	1.98	1.98
13863	68105	Selenium	1	5	5
13869	68105	Selenium	1	1.965	1.965
13871	68105	Selenium	1	5	5
13880	68105	Selenium	1	1.945	1.945
13918	68105	Selenium	1	5	5
13919	68105	Selenium	1	2.105	2.105
13935	68105	Selenium	1	5	5
13984	68105	Selenium	1	5	5
14003	68105	Selenium	1	5	5
14024	68105	Selenium	1	5	5
14050	68105	Selenium	1	5	5
14063	68105	Selenium	1	5	5
14080	68105	Selenium	1	2.105	2.105
14098	68105	Selenium	1	16	16

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14199	68105	Selenium	1	5	5
14238	68105	Selenium	1	5	5
14322	68105	Selenium	1	5	5
14326	68105	Selenium	1	5	5
14341	68105	Selenium	1	2.275	2.275
14407	68105	Selenium	1	2.47	2.47
14410	68105	Selenium	1	5	5
14460	68105	Selenium	1	5	5
14492	68105	Selenium	1	1.905	1.905
14525	68105	Selenium	1	2	2
14528	68105	Selenium	1	5	5
14536	68105	Selenium	1	2.065	2.065
14544	68105	Selenium	1	5.15	5.15
14556	68105	Selenium	1	5	5
14557	68105	Selenium	1	1.755	1.755
14577	68105	Selenium	1	5.45	5.45
14602	68105	Selenium	1	5	5
14647	68105	Selenium	1	2.075	2.075
14656	68105	Selenium	1	5.4	5.4
14688	68105	Selenium	1	5	5
14718	68105	Selenium	1	5	5
14739	68105	Selenium	1	1.92	1.92
14752	68105	Selenium	1	5	5
14780	68105	Selenium	1	5.1	5.1
14817	68105	Selenium	1	2.025	2.025
14823	68105	Selenium	1	5	5
14860	68105	Selenium	1	5	5
14885	68105	Selenium	1	5	5
14913	68105	Selenium	1	5	5
14959	68105	Selenium	1	5	5
14964	68105	Selenium	1	1.935	1.935
14976	68105	Selenium	1	5.3	5.3
14992	68105	Selenium	1	5	5
15003	68105	Selenium	1	5	5
15044	68105	Selenium	1	5	5
15045	68105	Selenium	1	5	5
15058	68105	Selenium	1	5	5
15060	68105	Selenium	1	5	5
15091	68105	Selenium	1	4.85	4.85
15106	68105	Selenium	1	5	5
15166	68105	Selenium	1	5	5
15227	68105	Selenium	1	1.905	1.905
15231	68105	Selenium	1	1.845	1.845
15255	68105	Selenium	1	6.45	6.45
15278	68105	Selenium	1	1.785	1.785
15279	68105	Selenium	1	2.175	2.175
15292	68105	Selenium	1	2.055	2.055

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15299	68105	Selenium	1	1.83	1.83
15308	68105	Selenium	1	5	5
15317	68105	Selenium	1	1.975	1.975
15329	68105	Selenium	1	1.825	1.825
15336	68105	Selenium	1	1.705	1.705
15348	68105	Selenium	1	5	5
15363	68105	Selenium	1	5	5
15372	68105	Selenium	1	5	5
15416	68105	Selenium	2	3.4775	5
15496	68105	Selenium	1	5	5
15519	68105	Selenium	1	5	5
15526	68105	Selenium	1	5	5
15577	68105	Selenium	1	5	5
15587	68105	Selenium	1	1.915	1.915
15611	68105	Selenium	1	5.7	5.7
15651	68105	Selenium	1	5	5
15686	68105	Selenium	1	5	5
15695	68105	Selenium	1	5	5
15728	68105	Selenium	1	5.3	5.3
15801	68105	Selenium	1	5	5
15835	68105	Selenium	1	1.9	1.9
15842	68105	Selenium	1	5	5
15871	68105	Selenium	1	5	5
15891	68105	Selenium	1	5.85	5.85
15918	68105	Selenium	1	5	5
15959	68105	Selenium	1	24.6	24.6
15985	68105	Selenium	1	5.4	5.4
15988	68105	Selenium	1	2.23	2.23
16027	68105	Selenium	1	5	5
16072	68105	Selenium	1	5.3	5.3
16094	68105	Selenium	1	5.05	5.05
16098	68105	Selenium	1	5	5
16123	68105	Selenium	1	5	5
16155	68105	Selenium	1	5.15	5.15
16169	68105	Selenium	1	5	5
16182	68105	Selenium	1	5	5
16186	68105	Selenium	1	2.03	2.03
16230	68105	Selenium	1	1.985	1.985
16236	68105	Selenium	1	5	5
16243	68105	Selenium	1	5	5
16271	68105	Selenium	1	5.25	5.25
16308	68105	Selenium	1	5.35	5.35
16309	68105	Selenium	1	5	5
16321	68105	Selenium	1	2.13	2.13
16333	68105	Selenium	1	5	5
16364	68105	Selenium	1	1.795	1.795
16365	68105	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16384	68105	Selenium	1	5.1	5.1
16395	68105	Selenium	1	5	5
16420	68105	Selenium	1	1.965	1.965
16472	68105	Selenium	1	5	5
16473	68105	Selenium	1	1.88	1.88
16478	68105	Selenium	1	2.055	2.055
16486	68105	Selenium	1	5	5
16499	68105	Selenium	1	5	5
16545	68105	Selenium	1	5	5
16572	68105	Selenium	1	1.88	1.88
16589	68105	Selenium	1	5.25	5.25
16618	68105	Selenium	1	5	5
16646	68105	Selenium	1	5	5
16668	68105	Selenium	1	1.82	1.82
16749	68105	Selenium	1	5	5
16772	68105	Selenium	1	5	5
16777	68105	Selenium	1	1.89	1.89
16793	68105	Selenium	1	5.3	5.3
16851	68105	Selenium	1	5	5
16866	68105	Selenium	1	5	5
16869	68105	Selenium	1	5	5
16889	68105	Selenium	1	5	5
16893	68105	Selenium	1	5	5
16922	68105	Selenium	1	5.05	5.05
16928	68105	Selenium	1	5	5
16946	68105	Selenium	1	5	5
16963	68105	Selenium	1	5	5
16974	68105	Selenium	1	5	5
17040	68105	Selenium	1	5	5
17055	68105	Selenium	1	2.015	2.015
17065	68105	Selenium	1	2.09	2.09
17076	68105	Selenium	1	5	5
17097	68105	Selenium	1	5	5
17108	68105	Selenium	1	4.7	4.7
17142	68105	Selenium	1	5	5
17179	68105	Selenium	1	2.34	2.34
17198	68105	Selenium	1	1.86	1.86
17199	68105	Selenium	1	5	5
17270	68105	Selenium	1	5	5
17298	68105	Selenium	1	5	5
17300	68105	Selenium	1	5	5
17348	68105	Selenium	1	5	5
17374	68105	Selenium	1	6.1	6.1
17379	68105	Selenium	1	2.125	2.125
17542	68105	Selenium	1	5	5
17557	68105	Selenium	1	2.155	2.155
17719	68105	Selenium	1	2.37	2.37

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17725	68105	Selenium	1	5	5
17745	68105	Selenium	1	2.01	2.01
17753	68105	Selenium	1	5	5
17802	68105	Selenium	1	5	5
17803	68105	Selenium	1	1.785	1.785
17827	68105	Selenium	1	2	2
17876	68105	Selenium	1	5.1	5.1
17899	68105	Selenium	1	1.725	1.725
17918	68105	Selenium	1	5	5
17934	68105	Selenium	1	2.045	2.045
17935	68105	Selenium	1	1.81	1.81
18036	68105	Selenium	1	2.05	2.05
18133	68105	Selenium	1	5	5
18147	68105	Selenium	1	5	5
18177	68105	Selenium	1	1.705	1.705
18187	68105	Selenium	1	5	5
18189	68105	Selenium	1	5	5
18281	68105	Selenium	1	2	2
18321	68105	Selenium	1	1.975	1.975
18349	68105	Selenium	1	5	5
18452	68105	Selenium	1	5	5
18453	68105	Selenium	1	5	5
18469	68105	Selenium	1	2.135	2.135
18499	68105	Selenium	1	2	2
18561	68105	Selenium	1	5	5
18573	68105	Selenium	1	5	5
18598	68105	Selenium	1	5	5
18610	68105	Selenium	1	5	5
18654	68105	Selenium	1	5	5
18661	68105	Selenium	1	1.765	1.765
18673	68105	Selenium	1	2.05	2.05
18676	68105	Selenium	1	5	5
18693	68105	Selenium	1	5.7	5.7
18757	68105	Selenium	1	5	5
18787	68105	Selenium	1	5	5
18797	68105	Selenium	1	5	5
18825	68105	Selenium	1	5	5
18839	68105	Selenium	1	1.795	1.795
18871	68105	Selenium	1	1.755	1.755
18882	68105	Selenium	1	5	5
18898	68105	Selenium	1	1.87	1.87
18927	68105	Selenium	1	1.825	1.825
18934	68105	Selenium	1	2.055	2.055
19015	68105	Selenium	1	5	5
19028	68105	Selenium	1	2.24	2.24
19127	68105	Selenium	1	1.855	1.855
19129	68105	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19169	68105	Selenium	1	5	5
19288	68105	Selenium	1	5.35	5.35
19310	68105	Selenium	1	5	5
19334	68105	Selenium	1	1.745	1.745
19344	68105	Selenium	1	5	5
19448	68105	Selenium	1	5	5
19485	68105	Selenium	1	1.845	1.845
19489	68105	Selenium	1	5.25	5.25
19496	68105	Selenium	1	2.07	2.07
19561	68105	Selenium	1	5	5
19602	68105	Selenium	1	5	5
19612	68105	Selenium	1	12.7	12.7
19655	68105	Selenium	1	5.8	5.8
19671	68105	Selenium	1	1.88	1.88
19676	68105	Selenium	1	5	5
19728	68105	Selenium	1	1.83	1.83
19729	68105	Selenium	1	5	5
19768	68105	Selenium	1	5	5
19787	68105	Selenium	1	1.94	1.94
19791	68105	Selenium	1	1.975	1.975
19812	68105	Selenium	1	2.14	2.14
19831	68105	Selenium	1	5.05	5.05
19839	68105	Selenium	1	5	5
19858	68105	Selenium	1	5	5
19864	68105	Selenium	1	5	5
19915	68105	Selenium	1	2.065	2.065
19923	68105	Selenium	1	5	5
19932	68105	Selenium	1	1.8	1.8
19938	68105	Selenium	1	5	5
19972	68105	Selenium	1	5	5
19976	68105	Selenium	1	5	5
19987	68105	Selenium	1	5	5
20069	68105	Selenium	1	5	5
20080	68105	Selenium	1	5	5
20105	68105	Selenium	1	5	5
20110	68105	Selenium	1	5	5
20128	68105	Selenium	1	5	5
20170	68105	Selenium	1	5	5
20218	68105	Selenium	1	1.935	1.935
20236	68105	Selenium	1	5	5
20313	68105	Selenium	1	5	5
20315	68105	Selenium	1	5	5
20342	68105	Selenium	1	5	5
20420	68105	Selenium	1	5.55	5.55
20426	68105	Selenium	1	1.79	1.79
20452	68105	Selenium	1	5	5
20470	68105	Selenium	1	2.14	2.14

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20471	68105	Selenium	1	2.09	2.09
20477	68105	Selenium	1	1.835	1.835
20506	68105	Selenium	1	5	5
20510	68105	Selenium	1	5	5
20535	68105	Selenium	1	5	5
20545	68105	Selenium	1	5	5
20557	68105	Selenium	1	1.785	1.785
20584	68105	Selenium	1	2.105	2.105
20590	68105	Selenium	1	1.91	1.91
20603	68105	Selenium	1	1.81	1.81
20610	68105	Selenium	1	1.885	1.885
20612	68105	Selenium	1	5	5
20656	68105	Selenium	1	5	5
20674	68105	Selenium	1	15.7	15.7
20685	68105	Selenium	1	5	5
20702	68105	Selenium	1	5	5
20759	68105	Selenium	1	5.45	5.45
20777	68105	Selenium	1	2.075	2.075
20823	68105	Selenium	1	5	5
20845	68105	Selenium	1	4.85	4.85
20856	68105	Selenium	1	1.865	1.865
20883	68105	Selenium	1	5	5
20908	68105	Selenium	1	5.3	5.3
20925	68105	Selenium	1	5.85	5.85
20945	68105	Selenium	1	5	5
20961	68105	Selenium	1	2.11	2.11
20964	68105	Selenium	1	5	5
21005	68105	Selenium	1	1.895	1.895
21012	68105	Selenium	1	5.4	5.4
21019	68105	Selenium	1	1.835	1.835
21053	68105	Selenium	1	2.07	2.07
21064	68105	Selenium	1	5	5
21068	68105	Selenium	1	2.05	2.05
21079	68105	Selenium	1	5	5
21097	68105	Selenium	1	2.2	2.2
21110	68105	Selenium	1	2.095	2.095
21136	68105	Selenium	1	5	5
21143	68105	Selenium	1	5	5
21148	68105	Selenium	1	5	5
21150	68105	Selenium	1	5	5
21265	68105	Selenium	1	5	5
21268	68105	Selenium	1	5	5
21283	68105	Selenium	1	2	2
21309	68105	Selenium	1	1.94	1.94
21336	68105	Selenium	1	1.915	1.915
21355	68105	Selenium	1	2.025	2.025
21390	68105	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21394	68105	Selenium	1	2.17	2.17
21436	68105	Selenium	1	5	5
21454	68105	Selenium	1	5	5
21490	68105	Selenium	1	1.86	1.86
21498	68105	Selenium	1	5	5
21513	68105	Selenium	1	5	5
21535	68105	Selenium	1	1.98	1.98
21551	68105	Selenium	1	5	5
21560	68105	Selenium	1	2.07	2.07
21565	68105	Selenium	1	4.75	4.75
21578	68105	Selenium	1	5	5
21609	68105	Selenium	1	5	5
21614	68105	Selenium	1	2.11	2.11
21625	68105	Selenium	1	5	5
21653	68105	Selenium	1	1.78	1.78
21677	68105	Selenium	1	5	5
21689	68105	Selenium	1	5.15	5.15
21705	68105	Selenium	1	1.83	1.83
21714	68105	Selenium	1	1.925	1.925
21720	68105	Selenium	1	1.99	1.99
21724	68105	Selenium	1	1.795	1.795
21730	68105	Selenium	1	5.35	5.35
21744	68105	Selenium	1	5.45	5.45
21811	68105	Selenium	1	5	5
21815	68105	Selenium	1	5.05	5.05
21822	68105	Selenium	1	5.35	5.35
21836	68105	Selenium	1	5	5
21881	68105	Selenium	1	2.035	2.035
21884	68105	Selenium	1	5	5
21901	68105	Selenium	1	1.895	1.895
21916	68105	Selenium	1	2.19	2.19
21925	68105	Selenium	1	1.83	1.83
21941	68105	Selenium	1	1.91	1.91
21956	68105	Selenium	1	5	5
21981	68105	Selenium	1	5.35	5.35
21985	68105	Selenium	1	5	5
21989	68105	Selenium	1	2.095	2.095
22006	68105	Selenium	1	2.05	2.05
22013	68105	Selenium	1	5	5
22024	68105	Selenium	1	2	2
22025	68105	Selenium	1	5.8	5.8
22027	68105	Selenium	1	5	5
22034	68105	Selenium	1	5.4	5.4
22036	68105	Selenium	1	5	5
22039	68105	Selenium	1	5	5
22044	68105	Selenium	1	5	5
22046	68105	Selenium	1	2.01	2.01

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22056	68105	Selenium	1	5	5
22061	68105	Selenium	1	5	5
22074	68105	Selenium	1	5	5
22079	68105	Selenium	1	5	5
22080	68105	Selenium	1	18.5	18.5
22177	68105	Selenium	1	5	5
22181	68105	Selenium	1	1.935	1.935
22183	68105	Selenium	1	1.91	1.91
22230	68105	Selenium	1	5	5
22273	68105	Selenium	1	5	5
22295	68105	Selenium	1	5	5
22320	68105	Selenium	1	1.835	1.835
22344	68105	Selenium	1	5	5
22358	68105	Selenium	1	5	5
22386	68105	Selenium	1	5	5
22399	68105	Selenium	1	5	5
22405	68105	Selenium	1	1.935	1.935
22453	68105	Selenium	1	1.815	1.815
22563	68105	Selenium	1	2.115	2.115
22574	68105	Selenium	1	5	5
22636	68105	Selenium	1	5	5
22715	68105	Selenium	1	5.35	5.35
22716	68105	Selenium	1	5.45	5.45
22754	68105	Selenium	1	5	5
22772	68105	Selenium	1	2.295	2.295
22832	68105	Selenium	1	1.86	1.86
49272	68105	Selenium	1	1.81	1.81
49289	68105	Selenium	1	5	5
50528	68105	Selenium	1	1.845	1.845
50574	68105	Selenium	1	5	5
90427	68105	Selenium	1	6.05	6.05
93120	68105	Selenium	1	5.2	5.2
93354	68105	Selenium	1	5.2	5.2
93358	68105	Selenium	1	5.3	5.3
93364	68105	Selenium	1	5.15	5.15
93381	68105	Selenium	1	5.05	5.05
51011	68106	Selenium	1	5.25	5.25
51029	68106	Selenium	1	1.81	1.81
51034	68106	Selenium	1	2.115	2.115
51037	68106	Selenium	1	2.025	2.025
51041	68106	Selenium	1	5	5
51046	68106	Selenium	1	2.045	2.045
51047	68106	Selenium	1	5	5
51052	68106	Selenium	1	5	5
51058	68106	Selenium	1	5	5
51064	68106	Selenium	1	4.95	4.95
51065	68106	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51079	68106	Selenium	1	1.985	1.985
51080	68106	Selenium	1	5	5
51082	68106	Selenium	1	4.95	4.95
51089	68106	Selenium	1	5.9	5.9
51093	68106	Selenium	1	2.02	2.02
51101	68106	Selenium	1	2.095	2.095
51102	68106	Selenium	1	1.995	1.995
51113	68106	Selenium	1	5	5
51116	68106	Selenium	1	5	5
51118	68106	Selenium	1	4.65	4.65
51120	68106	Selenium	1	5	5
51123	68106	Selenium	1	1.99	1.99
51126	68106	Selenium	1	5.25	5.25
51127	68106	Selenium	1	2.055	2.055
51132	68106	Selenium	1	2.095	2.095
51133	68106	Selenium	1	1.81	1.81
51143	68106	Selenium	1	2.09	2.09
51155	68106	Selenium	1	2.045	2.045
51158	68106	Selenium	1	5	5
51160	68106	Selenium	1	2.03	2.03
51162	68106	Selenium	1	2.135	2.135
51184	68106	Selenium	1	1.915	1.915
2030	68107	Selenium	1	5	5
2038	68107	Selenium	1	5	5
2056	68107	Selenium	1	5.25	5.25
2104	68107	Selenium	1	5	5
2124	68107	Selenium	1	5	5
2167	68107	Selenium	1	5	5
2206	68107	Selenium	1	5	5
2220	68107	Selenium	1	5.2	5.2
2252	68107	Selenium	1	5	5
2273	68107	Selenium	1	5	5
2292	68107	Selenium	1	0.75	0.75
2496	68107	Selenium	1	1.935	1.935
2499	68107	Selenium	1	2.055	2.055
3003	68107	Selenium	1	5	5
3021	68107	Selenium	1	5	5
3074	68107	Selenium	1	0.39	0.39
3121	68107	Selenium	1	0.745	0.745
5066	68107	Selenium	1	5	5
5076	68107	Selenium	1	5	5
5130	68107	Selenium	1	5	5
5157	68107	Selenium	1	5	5
5159	68107	Selenium	1	5	5
5161	68107	Selenium	1	5	5
5163	68107	Selenium	1	5	5
5165	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5166	68107	Selenium	1	5	5
5172	68107	Selenium	1	5	5
5176	68107	Selenium	1	5	5
5178	68107	Selenium	1	5	5
5180	68107	Selenium	1	5	5
5182	68107	Selenium	1	5	5
5183	68107	Selenium	1	5	5
5185	68107	Selenium	1	5	5
5211	68107	Selenium	1	5	5
5212	68107	Selenium	1	5	5
10008	68107	Selenium	1	5	5
10018	68107	Selenium	1	5	5
10044	68107	Selenium	1	1.975	1.975
10046	68107	Selenium	1	6	6
10072	68107	Selenium	1	5	5
10073	68107	Selenium	1	5	5
10088	68107	Selenium	1	5	5
10095	68107	Selenium	1	5	5
10111	68107	Selenium	1	2.1	2.1
10130	68107	Selenium	1	5	5
10134	68107	Selenium	1	5	5
10214	68107	Selenium	1	1.9	1.9
10241	68107	Selenium	1	5	5
10290	68107	Selenium	1	2.055	2.055
10295	68107	Selenium	1	5	5
10299	68107	Selenium	1	5	5
10310	68107	Selenium	1	5	5
10328	68107	Selenium	1	5	5
10329	68107	Selenium	1	5	5
10387	68107	Selenium	1	5	5
10401	68107	Selenium	2	5	5
10403	68107	Selenium	1	2.055	2.055
10425	68107	Selenium	1	2.065	2.065
10432	68107	Selenium	1	5	5
10455	68107	Selenium	1	5	5
10458	68107	Selenium	1	5	5
10468	68107	Selenium	1	5	5
10471	68107	Selenium	1	1.815	1.815
10484	68107	Selenium	1	5	5
10492	68107	Selenium	1	5	5
10500	68107	Selenium	1	1.875	1.875
10508	68107	Selenium	1	1.815	1.815
10513	68107	Selenium	1	5	5
10538	68107	Selenium	1	5	5
10543	68107	Selenium	1	5	5
10548	68107	Selenium	1	5	5
10578	68107	Selenium	1	2.005	2.005

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10582	68107	Selenium	1	5	5
10622	68107	Selenium	1	5	5
10633	68107	Selenium	1	5	5
10650	68107	Selenium	1	2.03	2.03
10654	68107	Selenium	1	5	5
10662	68107	Selenium	1	1.78	1.78
10670	68107	Selenium	1	5	5
10687	68107	Selenium	1	5	5
10707	68107	Selenium	1	5	5
10720	68107	Selenium	1	5	5
10735	68107	Selenium	1	5.2	5.2
10738	68107	Selenium	1	5	5
10794	68107	Selenium	1	2.06	2.06
10814	68107	Selenium	1	5	5
10822	68107	Selenium	1	5	5
10831	68107	Selenium	1	5	5
10834	68107	Selenium	1	5	5
10842	68107	Selenium	1	5	5
10848	68107	Selenium	1	1.835	1.835
10858	68107	Selenium	1	5	5
10860	68107	Selenium	1	2.03	2.03
10870	68107	Selenium	1	5	5
10876	68107	Selenium	1	5.4	5.4
10877	68107	Selenium	1	2.115	2.115
10880	68107	Selenium	1	5.15	5.15
10895	68107	Selenium	1	5	5
10909	68107	Selenium	1	1.885	1.885
10914	68107	Selenium	1	1.86	1.86
10920	68107	Selenium	1	2.045	2.045
10925	68107	Selenium	1	5	5
10931	68107	Selenium	1	1.79	1.79
10938	68107	Selenium	1	1.805	1.805
10944	68107	Selenium	1	1.825	1.825
10947	68107	Selenium	1	5	5
10950	68107	Selenium	1	5	5
10965	68107	Selenium	1	5	5
10970	68107	Selenium	1	5	5
10990	68107	Selenium	1	5	5
10991	68107	Selenium	1	2.075	2.075
11036	68107	Selenium	1	1.905	1.905
11069	68107	Selenium	1	5	5
11070	68107	Selenium	1	5	5
11082	68107	Selenium	1	5	5
11094	68107	Selenium	1	5	5
11107	68107	Selenium	1	5	5
11118	68107	Selenium	1	5	5
11142	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11155	68107	Selenium	1	5	5
11172	68107	Selenium	1	5	5
11179	68107	Selenium	1	5	5
11191	68107	Selenium	1	2.005	2.005
11194	68107	Selenium	1	5	5
11203	68107	Selenium	1	5.5	5.5
11208	68107	Selenium	1	5	5
11222	68107	Selenium	1	5	5
11230	68107	Selenium	1	2.12	2.12
11232	68107	Selenium	1	5	5
11233	68107	Selenium	1	5	5
11246	68107	Selenium	1	5	5
11258	68107	Selenium	1	2.19	2.19
11268	68107	Selenium	1	5	5
11272	68107	Selenium	1	1.755	1.755
11283	68107	Selenium	1	1.98	1.98
11303	68107	Selenium	1	5	5
11309	68107	Selenium	1	5	5
11312	68107	Selenium	1	5	5
11321	68107	Selenium	1	1.855	1.855
11343	68107	Selenium	1	5.05	5.05
11349	68107	Selenium	1	1.825	1.825
11367	68107	Selenium	1	2.105	2.105
11372	68107	Selenium	1	5	5
11385	68107	Selenium	1	5.45	5.45
11387	68107	Selenium	1	5	5
11400	68107	Selenium	1	5	5
11403	68107	Selenium	1	1.81	1.81
11408	68107	Selenium	1	5.65	5.65
11410	68107	Selenium	1	5	5
11416	68107	Selenium	1	5	5
11423	68107	Selenium	1	5	5
11439	68107	Selenium	1	2.065	2.065
11444	68107	Selenium	1	1.855	1.855
11449	68107	Selenium	1	5	5
11465	68107	Selenium	1	5	5
11469	68107	Selenium	1	2.075	2.075
11491	68107	Selenium	1	1.95	1.95
11494	68107	Selenium	1	5	5
11523	68107	Selenium	1	5	5
11552	68107	Selenium	1	2.115	2.115
11558	68107	Selenium	1	5	5
11568	68107	Selenium	1	4.8	4.8
11599	68107	Selenium	1	5	5
11601	68107	Selenium	1	5.75	5.75
11603	68107	Selenium	1	5.25	5.25
11604	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11609	68107	Selenium	1	5	5
11614	68107	Selenium	1	5.5	5.5
11661	68107	Selenium	1	5	5
11686	68107	Selenium	1	5	5
11711	68107	Selenium	1	1.9	1.9
11741	68107	Selenium	1	5	5
11754	68107	Selenium	1	5	5
11765	68107	Selenium	1	5	5
11777	68107	Selenium	1	2.06	2.06
11807	68107	Selenium	1	1.635	1.635
11829	68107	Selenium	1	5.1	5.1
11842	68107	Selenium	1	1.895	1.895
11865	68107	Selenium	1	5	5
11894	68107	Selenium	1	1.87	1.87
11902	68107	Selenium	1	5.4	5.4
11910	68107	Selenium	1	5	5
11941	68107	Selenium	1	2.25	2.25
11960	68107	Selenium	1	5	5
11982	68107	Selenium	1	5.7	5.7
12002	68107	Selenium	1	5	5
12009	68107	Selenium	1	5	5
12012	68107	Selenium	1	5	5
12037	68107	Selenium	1	5	5
12047	68107	Selenium	1	5.6	5.6
12086	68107	Selenium	1	4.75	4.75
12114	68107	Selenium	1	5	5
12116	68107	Selenium	1	2.17	2.17
12124	68107	Selenium	1	2.045	2.045
12126	68107	Selenium	1	5	5
12152	68107	Selenium	1	5	5
12166	68107	Selenium	1	2.155	2.155
12194	68107	Selenium	1	2.025	2.025
12206	68107	Selenium	1	1.915	1.915
12220	68107	Selenium	1	1.9	1.9
12227	68107	Selenium	2	5	5
12239	68107	Selenium	1	5	5
12290	68107	Selenium	1	1.76	1.76
12296	68107	Selenium	1	2.06	2.06
12338	68107	Selenium	1	5.15	5.15
12344	68107	Selenium	1	2.11	2.11
12351	68107	Selenium	1	5	5
12372	68107	Selenium	1	5	5
12388	68107	Selenium	1	2.035	2.035
12407	68107	Selenium	1	5	5
12410	68107	Selenium	1	5	5
12414	68107	Selenium	1	5	5
12424	68107	Selenium	1	5.1	5.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12439	68107	Selenium	1	5	5
12449	68107	Selenium	1	1.8	1.8
12457	68107	Selenium	1	6.3	6.3
12506	68107	Selenium	1	1.81	1.81
12514	68107	Selenium	1	5	5
12529	68107	Selenium	1	5	5
12530	68107	Selenium	1	5	5
12547	68107	Selenium	1	5	5
12551	68107	Selenium	1	5	5
12567	68107	Selenium	1	5.45	5.45
12572	68107	Selenium	1	5	5
12588	68107	Selenium	1	5	5
12590	68107	Selenium	1	1.93	1.93
12605	68107	Selenium	1	1.905	1.905
12644	68107	Selenium	1	1.89	1.89
12667	68107	Selenium	1	1.815	1.815
12714	68107	Selenium	1	1.955	1.955
12729	68107	Selenium	1	5	5
12741	68107	Selenium	1	5	5
12755	68107	Selenium	1	1.74	1.74
12761	68107	Selenium	1	2.14	2.14
12794	68107	Selenium	1	5	5
12830	68107	Selenium	1	1.83	1.83
12848	68107	Selenium	1	2.075	2.075
12858	68107	Selenium	1	1.965	1.965
12871	68107	Selenium	1	5.3	5.3
13038	68107	Selenium	1	5.8	5.8
13045	68107	Selenium	1	2.06	2.06
43676	68107	Selenium	1	5	5
43691	68107	Selenium	1	5	5
43698	68107	Selenium	1	1.97	1.97
43703	68107	Selenium	1	5	5
43711	68107	Selenium	1	2.08	2.08
43729	68107	Selenium	1	1.79	1.79
43736	68107	Selenium	1	5	5
43744	68107	Selenium	1	2.02	2.02
43746	68107	Selenium	1	1.985	1.985
43771	68107	Selenium	1	2.14	2.14
43790	68107	Selenium	1	2.095	2.095
43793	68107	Selenium	1	6.15	6.15
43800	68107	Selenium	1	5	5
43813	68107	Selenium	1	2.08	2.08
43843	68107	Selenium	1	5.35	5.35
43853	68107	Selenium	1	1.915	1.915
43869	68107	Selenium	1	5.35	5.35
43874	68107	Selenium	1	1.815	1.815
43892	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
43912	68107	Selenium	1	2.01	2.01
43933	68107	Selenium	1	2.245	2.245
43942	68107	Selenium	1	1.885	1.885
43945	68107	Selenium	1	1.865	1.865
43949	68107	Selenium	1	5	5
43962	68107	Selenium	1	1.855	1.855
43978	68107	Selenium	1	5	5
44002	68107	Selenium	1	1.725	1.725
44025	68107	Selenium	1	5	5
44037	68107	Selenium	1	1.965	1.965
44047	68107	Selenium	1	2.03	2.03
44063	68107	Selenium	1	2.1	2.1
44066	68107	Selenium	1	5	5
44076	68107	Selenium	1	1.86	1.86
44104	68107	Selenium	1	5	5
44107	68107	Selenium	1	5	5
44112	68107	Selenium	1	1.855	1.855
44127	68107	Selenium	1	1.975	1.975
44130	68107	Selenium	1	5.65	5.65
44133	68107	Selenium	1	6.45	6.45
44137	68107	Selenium	1	5	5
44145	68107	Selenium	1	1.89	1.89
44153	68107	Selenium	1	5	5
44157	68107	Selenium	1	2.03	2.03
44177	68107	Selenium	1	2.11	2.11
44184	68107	Selenium	1	4.85	4.85
44185	68107	Selenium	1	1.69	1.69
44198	68107	Selenium	1	5	5
44202	68107	Selenium	1	5.4	5.4
44220	68107	Selenium	1	2.005	2.005
44225	68107	Selenium	1	5.4	5.4
44233	68107	Selenium	1	1.875	1.875
44236	68107	Selenium	1	5	5
44237	68107	Selenium	1	1.945	1.945
44248	68107	Selenium	1	5	5
44299	68107	Selenium	1	5	5
44319	68107	Selenium	1	5	5
44348	68107	Selenium	1	1.885	1.885
44416	68107	Selenium	1	5	5
44446	68107	Selenium	1	5	5
44452	68107	Selenium	1	1.985	1.985
44455	68107	Selenium	1	5	5
44456	68107	Selenium	1	1.925	1.925
44465	68107	Selenium	1	2.085	2.085
44475	68107	Selenium	1	5	5
44482	68107	Selenium	1	5	5
44483	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44490	68107	Selenium	1	5	5
44503	68107	Selenium	1	2.08	2.08
44507	68107	Selenium	1	5	5
44508	68107	Selenium	1	5	5
44519	68107	Selenium	1	2.145	2.145
44526	68107	Selenium	1	5	5
44528	68107	Selenium	1	5	5
44529	68107	Selenium	1	1.92	1.92
44531	68107	Selenium	1	5	5
44536	68107	Selenium	1	5	5
44539	68107	Selenium	1	5	5
44546	68107	Selenium	1	5.35	5.35
44549	68107	Selenium	1	1.97	1.97
44556	68107	Selenium	1	5.35	5.35
44567	68107	Selenium	1	1.85	1.85
44578	68107	Selenium	1	1.9	1.9
44581	68107	Selenium	1	1.985	1.985
44589	68107	Selenium	1	5	5
44590	68107	Selenium	1	1.81	1.81
44592	68107	Selenium	1	2.01	2.01
44597	68107	Selenium	1	5.75	5.75
44617	68107	Selenium	1	5	5
44619	68107	Selenium	1	1.89	1.89
44623	68107	Selenium	1	1.935	1.935
44626	68107	Selenium	1	5	5
44636	68107	Selenium	1	5.5	5.5
44640	68107	Selenium	1	1.96	1.96
44644	68107	Selenium	1	1.85	1.85
44668	68107	Selenium	1	1.94	1.94
44700	68107	Selenium	1	2.04	2.04
44711	68107	Selenium	1	5	5
44725	68107	Selenium	1	5.55	5.55
44727	68107	Selenium	1	2.125	2.125
44738	68107	Selenium	1	2.15	2.15
44740	68107	Selenium	1	5	5
44741	68107	Selenium	1	5	5
44747	68107	Selenium	1	5	5
44753	68107	Selenium	1	1.99	1.99
44755	68107	Selenium	1	2.055	2.055
44756	68107	Selenium	1	2.15	2.15
44768	68107	Selenium	1	1.9	1.9
44790	68107	Selenium	1	1.925	1.925
44798	68107	Selenium	1	1.84	1.84
44810	68107	Selenium	1	1.845	1.845
44814	68107	Selenium	1	1.95	1.95
44822	68107	Selenium	1	5	5
44854	68107	Selenium	1	1.85	1.85

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44857	68107	Selenium	1	2.005	2.005
44869	68107	Selenium	1	2.09	2.09
44877	68107	Selenium	1	1.885	1.885
44902	68107	Selenium	1	2.02	2.02
44923	68107	Selenium	1	5.1	5.1
44927	68107	Selenium	1	1.96	1.96
44935	68107	Selenium	1	1.965	1.965
44939	68107	Selenium	1	1.87	1.87
44943	68107	Selenium	1	1.91	1.91
44955	68107	Selenium	1	1.925	1.925
44959	68107	Selenium	1	2.08	2.08
44969	68107	Selenium	1	2.32	2.32
44979	68107	Selenium	1	2.01	2.01
44980	68107	Selenium	1	1.83	1.83
44984	68107	Selenium	1	5.45	5.45
44987	68107	Selenium	1	1.825	1.825
44996	68107	Selenium	1	1.985	1.985
45004	68107	Selenium	1	1.995	1.995
45005	68107	Selenium	1	5	5
45018	68107	Selenium	1	1.87	1.87
45020	68107	Selenium	1	5.55	5.55
45023	68107	Selenium	1	2.14	2.14
45034	68107	Selenium	1	2.115	2.115
45044	68107	Selenium	1	5	5
45056	68107	Selenium	1	5	5
45072	68107	Selenium	1	5	5
45073	68107	Selenium	1	1.95	1.95
45077	68107	Selenium	1	10	10
45078	68107	Selenium	1	5	5
45084	68107	Selenium	1	1.9	1.9
45118	68107	Selenium	1	1.965	1.965
45147	68107	Selenium	1	2.06	2.06
45150	68107	Selenium	1	5.2	5.2
45156	68107	Selenium	1	5	5
45166	68107	Selenium	1	1.94	1.94
45167	68107	Selenium	1	2.15	2.15
45183	68107	Selenium	1	4.8	4.8
45188	68107	Selenium	1	5	5
45195	68107	Selenium	1	1.865	1.865
45199	68107	Selenium	1	10.1	10.1
45206	68107	Selenium	1	5	5
45213	68107	Selenium	1	1.905	1.905
45223	68107	Selenium	1	1.935	1.935
45227	68107	Selenium	1	1.91	1.91
45236	68107	Selenium	1	5	5
45244	68107	Selenium	1	1.925	1.925
45259	68107	Selenium	1	1.915	1.915

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45265	68107	Selenium	1	1.855	1.855
45269	68107	Selenium	1	2.16	2.16
45298	68107	Selenium	1	2.195	2.195
45300	68107	Selenium	1	5	5
45303	68107	Selenium	1	5	5
45304	68107	Selenium	1	5.45	5.45
45305	68107	Selenium	1	1.87	1.87
45321	68107	Selenium	1	5	5
45343	68107	Selenium	1	1.87	1.87
45350	68107	Selenium	1	5	5
45356	68107	Selenium	1	1.825	1.825
45364	68107	Selenium	1	5	5
45370	68107	Selenium	1	2.05	2.05
45390	68107	Selenium	1	1.825	1.825
45393	68107	Selenium	1	5	5
45404	68107	Selenium	1	5.3	5.3
45411	68107	Selenium	1	5	5
45423	68107	Selenium	1	5	5
45424	68107	Selenium	1	5	5
45447	68107	Selenium	1	1.89	1.89
45458	68107	Selenium	1	5	5
45460	68107	Selenium	1	5	5
45475	68107	Selenium	1	2.075	2.075
45484	68107	Selenium	1	5	5
45487	68107	Selenium	1	5	5
45494	68107	Selenium	1	2.015	2.015
45495	68107	Selenium	1	2.045	2.045
45503	68107	Selenium	1	1.84	1.84
45530	68107	Selenium	1	1.8	1.8
45533	68107	Selenium	1	5.55	5.55
45564	68107	Selenium	1	5	5
45566	68107	Selenium	1	5	5
45574	68107	Selenium	1	1.825	1.825
45584	68107	Selenium	1	2.01	2.01
45608	68107	Selenium	1	5	5
45609	68107	Selenium	1	5	5
45624	68107	Selenium	1	5	5
45626	68107	Selenium	1	1.865	1.865
45645	68107	Selenium	1	5	5
45646	68107	Selenium	1	5	5
45648	68107	Selenium	1	5	5
45662	68107	Selenium	1	2.055	2.055
45663	68107	Selenium	1	2.01	2.01
45678	68107	Selenium	1	5	5
45698	68107	Selenium	1	2.165	2.165
45724	68107	Selenium	1	2.21	2.21
45725	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45728	68107	Selenium	1	5	5
45739	68107	Selenium	1	5	5
45741	68107	Selenium	1	5.45	5.45
45747	68107	Selenium	1	1.995	1.995
45764	68107	Selenium	1	5	5
45767	68107	Selenium	1	5	5
45770	68107	Selenium	1	1.96	1.96
45786	68107	Selenium	1	1.895	1.895
45787	68107	Selenium	1	1.85	1.85
45789	68107	Selenium	1	1.985	1.985
45811	68107	Selenium	1	2.075	2.075
45822	68107	Selenium	1	5.35	5.35
45837	68107	Selenium	1	1.905	1.905
45840	68107	Selenium	1	5	5
45849	68107	Selenium	1	5	5
45854	68107	Selenium	1	2.2	2.2
45883	68107	Selenium	1	5	5
45906	68107	Selenium	1	1.915	1.915
45921	68107	Selenium	1	5	5
45923	68107	Selenium	1	2.165	2.165
45927	68107	Selenium	1	5	5
45955	68107	Selenium	1	1.99	1.99
45970	68107	Selenium	1	5	5
45984	68107	Selenium	1	2.045	2.045
45988	68107	Selenium	1	12	12
45999	68107	Selenium	1	5	5
46035	68107	Selenium	1	5	5
46049	68107	Selenium	1	5	5
46050	68107	Selenium	1	2.17	2.17
46052	68107	Selenium	1	5.8	5.8
46071	68107	Selenium	1	5	5
46073	68107	Selenium	1	1.855	1.855
46091	68107	Selenium	1	2.045	2.045
46103	68107	Selenium	1	5	5
46107	68107	Selenium	1	5.2	5.2
46118	68107	Selenium	1	1.99	1.99
46122	68107	Selenium	1	4.8	4.8
46127	68107	Selenium	1	5	5
46133	68107	Selenium	1	2.015	2.015
46145	68107	Selenium	1	1.835	1.835
46150	68107	Selenium	1	2	2
46164	68107	Selenium	1	5.15	5.15
46168	68107	Selenium	1	5.65	5.65
46180	68107	Selenium	1	1.99	1.99
46187	68107	Selenium	1	2.035	2.035
46210	68107	Selenium	1	1.925	1.925
46214	68107	Selenium	1	4.75	4.75

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46241	68107	Selenium	1	1.855	1.855
46247	68107	Selenium	1	5.05	5.05
46260	68107	Selenium	1	2	2
46279	68107	Selenium	1	5.15	5.15
46297	68107	Selenium	1	1.825	1.825
46346	68107	Selenium	1	5	5
46347	68107	Selenium	1	5.2	5.2
46363	68107	Selenium	1	5.85	5.85
46368	68107	Selenium	1	1.93	1.93
46380	68107	Selenium	1	2.035	2.035
46399	68107	Selenium	1	4.9	4.9
46423	68107	Selenium	1	5	5
46432	68107	Selenium	1	2.03	2.03
46448	68107	Selenium	1	5.1	5.1
46461	68107	Selenium	1	5	5
46469	68107	Selenium	1	2.025	2.025
46472	68107	Selenium	1	1.98	1.98
46473	68107	Selenium	1	2.07	2.07
46474	68107	Selenium	1	5	5
46478	68107	Selenium	1	5	5
46490	68107	Selenium	1	1.855	1.855
46493	68107	Selenium	1	4.95	4.95
46494	68107	Selenium	1	5.3	5.3
46498	68107	Selenium	1	5	5
46505	68107	Selenium	1	2.04	2.04
46509	68107	Selenium	1	5.15	5.15
46527	68107	Selenium	1	1.9	1.9
46566	68107	Selenium	1	2.015	2.015
46579	68107	Selenium	1	5	5
46583	68107	Selenium	1	2.015	2.015
46610	68107	Selenium	1	5	5
46626	68107	Selenium	1	5	5
46628	68107	Selenium	1	5	5
46637	68107	Selenium	1	5.45	5.45
46655	68107	Selenium	1	1.915	1.915
46662	68107	Selenium	1	1.9	1.9
46664	68107	Selenium	1	1.845	1.845
46672	68107	Selenium	1	1.795	1.795
46673	68107	Selenium	1	5.4	5.4
46683	68107	Selenium	1	2.03	2.03
46698	68107	Selenium	1	1.85	1.85
46699	68107	Selenium	1	5	5
46708	68107	Selenium	1	5	5
46712	68107	Selenium	1	1.81	1.81
46725	68107	Selenium	1	1.82	1.82
46727	68107	Selenium	1	4.7	4.7
46731	68107	Selenium	1	1.925	1.925

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46743	68107	Selenium	1	5	5
46763	68107	Selenium	1	1.865	1.865
46764	68107	Selenium	1	1.88	1.88
46772	68107	Selenium	1	5	5
46776	68107	Selenium	1	1.775	1.775
46792	68107	Selenium	1	1.775	1.775
46794	68107	Selenium	1	1.81	1.81
46805	68107	Selenium	1	5	5
46808	68107	Selenium	1	5	5
46815	68107	Selenium	1	5	5
46835	68107	Selenium	1	1.675	1.675
46852	68107	Selenium	1	5	5
46857	68107	Selenium	1	5	5
46864	68107	Selenium	1	5	5
46867	68107	Selenium	1	5	5
46893	68107	Selenium	1	5.15	5.15
46916	68107	Selenium	1	5	5
46919	68107	Selenium	1	5	5
46934	68107	Selenium	1	5	5
46954	68107	Selenium	1	1.73	1.73
46964	68107	Selenium	1	5.55	5.55
46976	68107	Selenium	1	2.045	2.045
46994	68107	Selenium	1	5	5
46998	68107	Selenium	1	2.07	2.07
47021	68107	Selenium	1	2.005	2.005
47030	68107	Selenium	1	5	5
47038	68107	Selenium	1	1.985	1.985
47046	68107	Selenium	1	5	5
47047	68107	Selenium	1	2.075	2.075
47052	68107	Selenium	1	5	5
47058	68107	Selenium	1	5	5
47088	68107	Selenium	1	5	5
47090	68107	Selenium	1	5.1	5.1
47106	68107	Selenium	1	5	5
47139	68107	Selenium	1	1.86	1.86
47140	68107	Selenium	1	5	5
47147	68107	Selenium	1	5	5
47148	68107	Selenium	1	5	5
47149	68107	Selenium	1	5.4	5.4
47163	68107	Selenium	1	4.6	4.6
47172	68107	Selenium	1	4.95	4.95
47179	68107	Selenium	1	5	5
47181	68107	Selenium	1	5.7	5.7
47196	68107	Selenium	1	5.15	5.15
47203	68107	Selenium	1	1.935	1.935
47206	68107	Selenium	1	5	5
47215	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47216	68107	Selenium	1	5.5	5.5
47217	68107	Selenium	1	5	5
47218	68107	Selenium	1	5	5
47223	68107	Selenium	1	1.905	1.905
47249	68107	Selenium	1	5	5
47250	68107	Selenium	1	2.14	2.14
47259	68107	Selenium	1	5	5
47274	68107	Selenium	1	5	5
47275	68107	Selenium	1	5	5
47279	68107	Selenium	1	1.935	1.935
47291	68107	Selenium	1	2.075	2.075
47293	68107	Selenium	1	5	5
47296	68107	Selenium	1	5.3	5.3
47311	68107	Selenium	1	5	5
47312	68107	Selenium	1	1.835	1.835
47315	68107	Selenium	1	2.035	2.035
47320	68107	Selenium	1	5	5
47322	68107	Selenium	1	5	5
47338	68107	Selenium	1	1.935	1.935
47339	68107	Selenium	1	5	5
47356	68107	Selenium	1	5	5
47368	68107	Selenium	1	5	5
47380	68107	Selenium	1	2.065	2.065
47382	68107	Selenium	1	5.15	5.15
47385	68107	Selenium	1	1.89	1.89
47390	68107	Selenium	1	1.985	1.985
47417	68107	Selenium	1	5	5
47421	68107	Selenium	1	5.05	5.05
47424	68107	Selenium	1	5	5
47425	68107	Selenium	1	1.97	1.97
47440	68107	Selenium	1	5	5
47452	68107	Selenium	1	5	5
47475	68107	Selenium	1	1.875	1.875
47485	68107	Selenium	1	5	5
47511	68107	Selenium	1	1.84	1.84
47514	68107	Selenium	1	2.12	2.12
47518	68107	Selenium	1	2.165	2.165
47526	68107	Selenium	1	1.67	1.67
47544	68107	Selenium	1	5	5
47553	68107	Selenium	1	5	5
47565	68107	Selenium	1	2.06	2.06
47566	68107	Selenium	1	5	5
47604	68107	Selenium	1	5	5
47610	68107	Selenium	1	2.305	2.305
47617	68107	Selenium	1	2.045	2.045
47621	68107	Selenium	1	5	5
47627	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47649	68107	Selenium	1	2	2
47656	68107	Selenium	1	2.14	2.14
47670	68107	Selenium	1	1.895	1.895
47681	68107	Selenium	1	5.2	5.2
47706	68107	Selenium	1	1.965	1.965
47708	68107	Selenium	1	1.845	1.845
47761	68107	Selenium	1	5	5
47768	68107	Selenium	1	2.115	2.115
47783	68107	Selenium	1	5	5
47795	68107	Selenium	1	1.945	1.945
47797	68107	Selenium	1	5	5
47811	68107	Selenium	1	5	5
47813	68107	Selenium	1	5	5
47816	68107	Selenium	1	5	5
47820	68107	Selenium	1	1.86	1.86
47838	68107	Selenium	1	4.9	4.9
47841	68107	Selenium	1	5.1	5.1
47860	68107	Selenium	1	5	5
47867	68107	Selenium	1	5.25	5.25
47886	68107	Selenium	1	5	5
47895	68107	Selenium	1	5.4	5.4
47924	68107	Selenium	1	5	5
47930	68107	Selenium	1	1.945	1.945
47934	68107	Selenium	1	5.25	5.25
47939	68107	Selenium	1	1.86	1.86
47952	68107	Selenium	1	1.905	1.905
47966	68107	Selenium	1	1.97	1.97
47969	68107	Selenium	1	2.07	2.07
48003	68107	Selenium	1	5	5
48006	68107	Selenium	1	5	5
48014	68107	Selenium	1	5.2	5.2
48016	68107	Selenium	1	2.095	2.095
48018	68107	Selenium	1	5	5
48036	68107	Selenium	1	1.81	1.81
48043	68107	Selenium	1	1.86	1.86
48048	68107	Selenium	1	5	5
48056	68107	Selenium	1	5	5
48092	68107	Selenium	1	15.2	15.2
48116	68107	Selenium	1	5	5
48118	68107	Selenium	1	5	5
48120	68107	Selenium	1	10	10
48135	68107	Selenium	1	5	5
48141	68107	Selenium	1	5	5
48150	68107	Selenium	1	5	5
48167	68107	Selenium	1	2.04	2.04
48232	68107	Selenium	1	2.19	2.19
48245	68107	Selenium	1	5.2	5.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48261	68107	Selenium	1	1.93	1.93
48271	68107	Selenium	1	5.15	5.15
48292	68107	Selenium	1	5.2	5.2
48308	68107	Selenium	1	5	5
48327	68107	Selenium	1	1.91	1.91
48334	68107	Selenium	1	1.86	1.86
48341	68107	Selenium	1	1.82	1.82
48359	68107	Selenium	1	5.05	5.05
48367	68107	Selenium	1	1.89	1.89
48368	68107	Selenium	1	1.875	1.875
48380	68107	Selenium	1	4.9	4.9
48416	68107	Selenium	1	5.1	5.1
48418	68107	Selenium	1	2.105	2.105
48434	68107	Selenium	1	5	5
48494	68107	Selenium	1	1.84	1.84
48495	68107	Selenium	1	5	5
48508	68107	Selenium	1	1.86	1.86
48510	68107	Selenium	1	5	5
48525	68107	Selenium	1	5.3	5.3
48547	68107	Selenium	1	2.035	2.035
48553	68107	Selenium	1	1.945	1.945
48578	68107	Selenium	1	1.98	1.98
48583	68107	Selenium	1	2.13	2.13
48589	68107	Selenium	1	5	5
48593	68107	Selenium	1	1.815	1.815
48596	68107	Selenium	1	1.98	1.98
48620	68107	Selenium	1	5.25	5.25
48636	68107	Selenium	1	2.035	2.035
48639	68107	Selenium	1	5	5
48641	68107	Selenium	1	5.45	5.45
48654	68107	Selenium	1	5	5
48661	68107	Selenium	1	5	5
48668	68107	Selenium	1	2.035	2.035
48674	68107	Selenium	1	2.06	2.06
48685	68107	Selenium	1	5	5
48694	68107	Selenium	1	1.825	1.825
48708	68107	Selenium	1	5	5
48715	68107	Selenium	1	2.135	2.135
48721	68107	Selenium	1	5	5
48733	68107	Selenium	1	1.795	1.795
48736	68107	Selenium	1	5	5
48747	68107	Selenium	1	5	5
48768	68107	Selenium	1	5	5
48798	68107	Selenium	1	5	5
48815	68107	Selenium	1	5	5
48821	68107	Selenium	1	2.055	2.055
48836	68107	Selenium	1	1.91	1.91

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48846	68107	Selenium	1	5	5
48855	68107	Selenium	1	1.97	1.97
48871	68107	Selenium	1	1.89	1.89
48886	68107	Selenium	1	1.94	1.94
48900	68107	Selenium	1	2.04	2.04
48904	68107	Selenium	1	4.85	4.85
48944	68107	Selenium	1	2.015	2.015
48952	68107	Selenium	1	2.07	2.07
48963	68107	Selenium	1	2.02	2.02
48973	68107	Selenium	1	2.16	2.16
48975	68107	Selenium	1	5	5
48977	68107	Selenium	1	5	5
48999	68107	Selenium	1	1.955	1.955
49012	68107	Selenium	1	5	5
49036	68107	Selenium	1	2.025	2.025
49070	68107	Selenium	1	10.5	10.5
49081	68107	Selenium	1	1.9	1.9
49082	68107	Selenium	1	1.935	1.935
49085	68107	Selenium	1	1.81	1.81
49098	68107	Selenium	1	1.85	1.85
49117	68107	Selenium	1	2.125	2.125
49126	68107	Selenium	1	5	5
49167	68107	Selenium	1	5	5
49208	68107	Selenium	1	1.92	1.92
49239	68107	Selenium	1	5	5
49249	68107	Selenium	1	2.03	2.03
49371	68107	Selenium	1	1.79	1.79
49383	68107	Selenium	1	1.925	1.925
49395	68107	Selenium	1	5	5
49404	68107	Selenium	1	5	5
49435	68107	Selenium	1	1.995	1.995
49439	68107	Selenium	1	2.03	2.03
49441	68107	Selenium	1	2.115	2.115
49444	68107	Selenium	1	1.915	1.915
50137	68107	Selenium	1	5	5
50139	68107	Selenium	1	5	5
50140	68107	Selenium	1	5	5
50141	68107	Selenium	1	5	5
50144	68107	Selenium	1	5	5
50158	68107	Selenium	1	5	5
50185	68107	Selenium	1	5	5
50191	68107	Selenium	1	5	5
50192	68107	Selenium	1	5	5
50193	68107	Selenium	1	5	5
50214	68107	Selenium	1	5	5
50243	68107	Selenium	1	5	5
50244	68107	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50246	68107	Selenium	1	5	5
50249	68107	Selenium	1	5	5
50276	68107	Selenium	1	5	5
50284	68107	Selenium	1	5	5
50286	68107	Selenium	1	5	5
50292	68107	Selenium	1	5	5
50293	68107	Selenium	1	5	5
50294	68107	Selenium	1	5	5
50299	68107	Selenium	1	5	5
50300	68107	Selenium	1	5	5
50313	68107	Selenium	1	5	5
50325	68107	Selenium	1	5	5
50326	68107	Selenium	1	5	5
50335	68107	Selenium	1	5	5
50359	68107	Selenium	1	5	5
50360	68107	Selenium	1	5	5
50361	68107	Selenium	1	5	5
50362	68107	Selenium	1	5	5
50537	68107	Selenium	1	1.865	1.865
76891	68107	Selenium	1	5.7	5.7
89377	68107	Selenium	1	5.4	5.4
89408	68107	Selenium	1	4.8	4.8
2170	68108	Selenium	1	5	5
2518	68108	Selenium	1	16.2	16.2
2521	68108	Selenium	1	5	5
2522	68108	Selenium	1	5.25	5.25
2527	68108	Selenium	1	1.9	1.9
2532	68108	Selenium	1	5.35	5.35
5225	68108	Selenium	1	5	5
5227	68108	Selenium	1	5	5
5229	68108	Selenium	1	5	5
5284	68108	Selenium	1	5	5
5300	68108	Selenium	1	5	5
5304	68108	Selenium	1	5	5
5306	68108	Selenium	1	5	5
5332	68108	Selenium	1	0.4795	0.4795
5387	68108	Selenium	1	1.74	1.74
5390	68108	Selenium	1	1.15	1.15
5394	68108	Selenium	1	1.12	1.12
5395	68108	Selenium	1	4.52	4.52
5398	68108	Selenium	1	2.09	2.09
5403	68108	Selenium	1	0.715	0.715
5407	68108	Selenium	1	2.8	2.8
5408	68108	Selenium	1	1.98	1.98
5409	68108	Selenium	1	1.11	1.11
5416	68108	Selenium	1	1.58	1.58
5418	68108	Selenium	1	3.63	3.63

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5422	68108	Selenium	1	2.11	2.11
5425	68108	Selenium	1	3.9	3.9
5426	68108	Selenium	1	3.13	3.13
5427	68108	Selenium	1	4.69	4.69
5429	68108	Selenium	1	0.4145	0.4145
5431	68108	Selenium	1	3.24	3.24
5432	68108	Selenium	1	3.87	3.87
5449	68108	Selenium	1	3.1	3.1
5450	68108	Selenium	1	1.33	1.33
5454	68108	Selenium	1	2.24	2.24
5460	68108	Selenium	1	1.27	1.27
5463	68108	Selenium	1	1.07	1.07
5467	68108	Selenium	1	6.73	6.73
5472	68108	Selenium	1	0.358	0.358
5473	68108	Selenium	1	0.902	0.902
5474	68108	Selenium	1	0.748	0.748
5480	68108	Selenium	1	3.34	3.34
5483	68108	Selenium	1	5.29	5.29
5485	68108	Selenium	1	1.3	1.3
5492	68108	Selenium	1	4.36	4.36
5505	68108	Selenium	1	4.3	4.3
5572	68108	Selenium	1	1.77	1.77
5607	68108	Selenium	1	0.847	0.847
5608	68108	Selenium	1	1.21	1.21
5623	68108	Selenium	1	2.2	2.2
5628	68108	Selenium	1	1.57	1.57
5630	68108	Selenium	1	1.98	1.98
5636	68108	Selenium	1	2.12	2.12
5637	68108	Selenium	1	0.803	0.803
5652	68108	Selenium	1	1.44	1.44
12816	68108	Selenium	1	5	5
12859	68108	Selenium	1	10.1	10.1
12926	68108	Selenium	1	5	5
12947	68108	Selenium	1	1.92	1.92
13102	68108	Selenium	1	1.875	1.875
13164	68108	Selenium	1	5	5
13184	68108	Selenium	1	5	5
13189	68108	Selenium	1	5	5
13239	68108	Selenium	1	1.915	1.915
13267	68108	Selenium	1	5.3	5.3
13436	68108	Selenium	1	2.005	2.005
13485	68108	Selenium	1	5	5
13529	68108	Selenium	1	5	5
13530	68108	Selenium	1	1.89	1.89
13536	68108	Selenium	1	1.94	1.94
13575	68108	Selenium	1	5	5
13645	68108	Selenium	1	5.6	5.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13661	68108	Selenium	1	2.275	2.275
13674	68108	Selenium	1	4.95	4.95
13675	68108	Selenium	1	5	5
13760	68108	Selenium	1	5	5
13773	68108	Selenium	1	2.01	2.01
13795	68108	Selenium	1	5	5
13941	68108	Selenium	1	4.95	4.95
14043	68108	Selenium	1	1.74	1.74
14076	68108	Selenium	1	2.035	2.035
14079	68108	Selenium	1	1.775	1.775
14130	68108	Selenium	1	5.25	5.25
14140	68108	Selenium	1	5	5
14203	68108	Selenium	1	5	5
14270	68108	Selenium	1	1.97	1.97
14279	68108	Selenium	1	2.07	2.07
14290	68108	Selenium	1	5	5
14438	68108	Selenium	1	5	5
14449	68108	Selenium	1	5	5
14481	68108	Selenium	1	5	5
14486	68108	Selenium	1	5	5
14497	68108	Selenium	1	5.45	5.45
14537	68108	Selenium	1	5	5
14545	68108	Selenium	1	5	5
14576	68108	Selenium	1	5	5
14578	68108	Selenium	1	5	5
14617	68108	Selenium	1	1.975	1.975
14660	68108	Selenium	1	4.22	4.22
14692	68108	Selenium	1	1.99	1.99
14720	68108	Selenium	1	5	5
14818	68108	Selenium	1	5	5
14825	68108	Selenium	1	1.87	1.87
14849	68108	Selenium	1	1.84	1.84
14855	68108	Selenium	1	5	5
14878	68108	Selenium	1	1.975	1.975
14914	68108	Selenium	1	5	5
14998	68108	Selenium	1	5	5
15001	68108	Selenium	1	5	5
15051	68108	Selenium	1	5	5
15053	68108	Selenium	1	5	5
15116	68108	Selenium	1	5	5
15135	68108	Selenium	1	2.05	2.05
15248	68108	Selenium	1	5	5
15256	68108	Selenium	1	1.89	1.89
15266	68108	Selenium	1	5	5
15337	68108	Selenium	1	1.83	1.83
15443	68108	Selenium	1	5	5
15468	68108	Selenium	1	1.89	1.89

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15601	68108	Selenium	1	5	5
15603	68108	Selenium	1	5	5
15687	68108	Selenium	1	5	5
15748	68108	Selenium	1	4.95	4.95
15768	68108	Selenium	1	2.19	2.19
15915	68108	Selenium	1	5	5
15939	68108	Selenium	1	5	5
15955	68108	Selenium	1	1.98	1.98
15966	68108	Selenium	1	2.16	2.16
15980	68108	Selenium	1	2.05	2.05
16006	68108	Selenium	1	6.05	6.05
16126	68108	Selenium	1	1.74	1.74
16135	68108	Selenium	1	1.605	1.605
16137	68108	Selenium	1	1.915	1.915
16145	68108	Selenium	1	1.96	1.96
16261	68108	Selenium	1	1.965	1.965
16267	68108	Selenium	1	1.85	1.85
16319	68108	Selenium	1	2.095	2.095
16349	68108	Selenium	1	5	5
16446	68108	Selenium	1	5	5
16530	68108	Selenium	1	5	5
16556	68108	Selenium	1	4.75	4.75
16581	68108	Selenium	1	5	5
16595	68108	Selenium	1	5	5
16599	68108	Selenium	1	5.05	5.05
16711	68108	Selenium	1	5	5
16813	68108	Selenium	1	2.14	2.14
16973	68108	Selenium	1	2.035	2.035
17004	68108	Selenium	1	5.4	5.4
17005	68108	Selenium	1	5	5
17022	68108	Selenium	1	5	5
17242	68108	Selenium	1	4.7	4.7
17247	68108	Selenium	1	5	5
17282	68108	Selenium	1	6.15	6.15
17316	68108	Selenium	1	5.1	5.1
17323	68108	Selenium	1	5	5
17335	68108	Selenium	1	5	5
17360	68108	Selenium	1	5	5
17414	68108	Selenium	1	1.98	1.98
17416	68108	Selenium	1	1.94	1.94
17417	68108	Selenium	1	5.1	5.1
17418	68108	Selenium	1	5.05	5.05
17461	68108	Selenium	1	5.35	5.35
17498	68108	Selenium	1	1.855	1.855
17550	68108	Selenium	1	5	5
17671	68108	Selenium	1	1.87	1.87
17699	68108	Selenium	1	1.815	1.815

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17700	68108	Selenium	1	5.2	5.2
17701	68108	Selenium	1	5	5
17703	68108	Selenium	1	2.125	2.125
17732	68108	Selenium	1	5	5
17778	68108	Selenium	1	5	5
17840	68108	Selenium	1	1.86	1.86
17849	68108	Selenium	1	1.96	1.96
17861	68108	Selenium	1	5	5
17864	68108	Selenium	1	5	5
17865	68108	Selenium	1	1.77	1.77
17908	68108	Selenium	1	5	5
17945	68108	Selenium	1	1.93	1.93
17963	68108	Selenium	1	12	12
17968	68108	Selenium	1	5.05	5.05
17985	68108	Selenium	1	5	5
18129	68108	Selenium	1	1.6	1.6
18148	68108	Selenium	1	5.15	5.15
18179	68108	Selenium	1	5	5
18198	68108	Selenium	1	1.87	1.87
18218	68108	Selenium	1	5	5
18222	68108	Selenium	1	5.15	5.15
18249	68108	Selenium	1	5.8	5.8
18328	68108	Selenium	1	5.45	5.45
18330	68108	Selenium	1	5	5
18339	68108	Selenium	1	1.77	1.77
18385	68108	Selenium	1	5.1	5.1
18422	68108	Selenium	1	5	5
18435	68108	Selenium	1	5.05	5.05
18461	68108	Selenium	1	2.115	2.115
18486	68108	Selenium	1	1.775	1.775
18532	68108	Selenium	1	2.05	2.05
18547	68108	Selenium	1	5	5
18597	68108	Selenium	1	5	5
18634	68108	Selenium	1	5	5
18664	68108	Selenium	1	5	5
18687	68108	Selenium	1	5	5
18691	68108	Selenium	1	5.2	5.2
18697	68108	Selenium	1	5.25	5.25
18712	68108	Selenium	1	1.82	1.82
18718	68108	Selenium	1	4.95	4.95
18749	68108	Selenium	1	5	5
18800	68108	Selenium	1	5	5
18802	68108	Selenium	1	5	5
18833	68108	Selenium	1	2.365	2.365
18890	68108	Selenium	1	2.01	2.01
18903	68108	Selenium	1	5	5
18943	68108	Selenium	1	1.825	1.825

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18968	68108	Selenium	1	1.96	1.96
18988	68108	Selenium	1	1.94	1.94
19030	68108	Selenium	1	1.775	1.775
19116	68108	Selenium	1	1.955	1.955
19126	68108	Selenium	1	5	5
19153	68108	Selenium	1	2.17	2.17
19190	68108	Selenium	1	5.1	5.1
19343	68108	Selenium	1	5.35	5.35
19371	68108	Selenium	1	2.18	2.18
19373	68108	Selenium	1	2.06	2.06
19417	68108	Selenium	1	5.15	5.15
19440	68108	Selenium	1	1.64	1.64
19444	68108	Selenium	1	2.03	2.03
19474	68108	Selenium	1	5	5
19640	68108	Selenium	1	1.8	1.8
19660	68108	Selenium	1	1.925	1.925
19680	68108	Selenium	1	2.005	2.005
19792	68108	Selenium	1	5.05	5.05
19875	68108	Selenium	1	5	5
19920	68108	Selenium	1	1.915	1.915
19988	68108	Selenium	1	4.9	4.9
20044	68108	Selenium	1	2.005	2.005
20137	68108	Selenium	1	7.2	7.2
20149	68108	Selenium	1	5	5
20168	68108	Selenium	1	5	5
20169	68108	Selenium	1	5.3	5.3
20244	68108	Selenium	1	2.005	2.005
20285	68108	Selenium	1	1.845	1.845
20287	68108	Selenium	1	5	5
20344	68108	Selenium	1	1.8	1.8
20367	68108	Selenium	1	1.85	1.85
20464	68108	Selenium	1	1.875	1.875
20467	68108	Selenium	1	5.15	5.15
20567	68108	Selenium	1	1.91	1.91
20588	68108	Selenium	1	5.15	5.15
20608	68108	Selenium	1	1.74	1.74
20629	68108	Selenium	1	5	5
20671	68108	Selenium	1	2.015	2.015
20746	68108	Selenium	1	1.925	1.925
20752	68108	Selenium	1	4.8	4.8
20831	68108	Selenium	1	2.075	2.075
20881	68108	Selenium	1	2.125	2.125
20922	68108	Selenium	1	4.4	4.4
21123	68108	Selenium	1	5	5
21190	68108	Selenium	1	5	5
21502	68108	Selenium	1	5	5
21582	68108	Selenium	1	5.05	5.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21729	68108	Selenium	1	5	5
21863	68108	Selenium	1	1.875	1.875
22203	68108	Selenium	1	2.145	2.145
22282	68108	Selenium	1	1.81	1.81
50453	68108	Selenium	1	5	5
50624	68108	Selenium	1	1.95	1.95
74047	68108	Selenium	1	5.8	5.8
79306	68108	Selenium	1	5.95	5.95
87989	68108	Selenium	1	5.05	5.05
88004	68108	Selenium	1	5.25	5.25
88031	68108	Selenium	1	6.25	6.25
89842	68108	Selenium	1	4.95	4.95
90601	68108	Selenium	1	4.75	4.75
92372	68108	Selenium	1	5.05	5.05
93003	68108	Selenium	1	6.15	6.15
93522	68108	Selenium	1	5.15	5.15
2069	68110	Selenium	1	5	5
2280	68110	Selenium	1	0.7	0.7
2354	68110	Selenium	1	5	5
2355	68110	Selenium	1	5.05	5.05
2539	68110	Selenium	1	2.135	2.135
3136	68110	Selenium	1	0.965	0.965
5258	68110	Selenium	1	5	5
5388	68110	Selenium	1	1.12	1.12
5520	68110	Selenium	1	1.3	1.3
5525	68110	Selenium	1	1.61	1.61
5527	68110	Selenium	1	1.78	1.78
5530	68110	Selenium	1	1.54	1.54
5532	68110	Selenium	1	4.01	4.01
5536	68110	Selenium	1	0.992	0.992
5541	68110	Selenium	1	1.02	1.02
5544	68110	Selenium	1	0.373	0.373
5546	68110	Selenium	1	1.18	1.18
5551	68110	Selenium	1	1.67	1.67
5559	68110	Selenium	1	1.36	1.36
5560	68110	Selenium	1	1.61	1.61
5561	68110	Selenium	1	1.57	1.57
5563	68110	Selenium	1	1.41	1.41
5565	68110	Selenium	1	2.56	2.56
5566	68110	Selenium	1	1.08	1.08
5612	68110	Selenium	1	1.51	1.51
5614	68110	Selenium	1	3.96	3.96
5641	68110	Selenium	1	1.1	1.1
5650	68110	Selenium	1	5	5
5651	68110	Selenium	1	1.84	1.84
26122	68110	Selenium	1	1.825	1.825
26133	68110	Selenium	1	1.8	1.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26234	68110	Selenium	1	5.55	5.55
26341	68110	Selenium	1	5	5
26410	68110	Selenium	1	5	5
26447	68110	Selenium	1	1.78	1.78
26465	68110	Selenium	1	1.95	1.95
26527	68110	Selenium	1	5	5
26550	68110	Selenium	1	5	5
26762	68110	Selenium	1	5	5
27034	68110	Selenium	1	5	5
27069	68110	Selenium	1	5	5
27291	68110	Selenium	1	2.06	2.06
27435	68110	Selenium	1	5.75	5.75
27589	68110	Selenium	1	1.87	1.87
27592	68110	Selenium	1	1.81	1.81
27683	68110	Selenium	1	1.975	1.975
27704	68110	Selenium	1	5	5
27756	68110	Selenium	1	4.95	4.95
27815	68110	Selenium	1	1.84	1.84
27822	68110	Selenium	1	1.89	1.89
27826	68110	Selenium	1	2.035	2.035
27840	68110	Selenium	1	1.94	1.94
27844	68110	Selenium	1	2.105	2.105
27884	68110	Selenium	1	2.055	2.055
27907	68110	Selenium	1	5	5
27927	68110	Selenium	1	2.135	2.135
27984	68110	Selenium	1	1.6	1.6
28074	68110	Selenium	1	1.88	1.88
28075	68110	Selenium	1	1.925	1.925
28120	68110	Selenium	1	1.925	1.925
28167	68110	Selenium	1	1.915	1.915
28226	68110	Selenium	1	2.04	2.04
28335	68110	Selenium	1	1.795	1.795
28360	68110	Selenium	1	5	5
28404	68110	Selenium	1	1.7	1.7
28421	68110	Selenium	1	5	5
28455	68110	Selenium	1	5	5
28501	68110	Selenium	1	1.945	1.945
28550	68110	Selenium	1	2.005	2.005
28591	68110	Selenium	1	1.945	1.945
28647	68110	Selenium	1	5	5
28670	68110	Selenium	1	1.99	1.99
28711	68110	Selenium	1	5	5
28717	68110	Selenium	1	5	5
28726	68110	Selenium	1	5	5
28905	68110	Selenium	1	1.955	1.955
28977	68110	Selenium	1	1.97	1.97
28999	68110	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29058	68110	Selenium	1	1.925	1.925
29063	68110	Selenium	1	5.2	5.2
29084	68110	Selenium	1	12.3	12.3
29093	68110	Selenium	1	1.975	1.975
29095	68110	Selenium	1	1.9	1.9
29117	68110	Selenium	1	10.9	10.9
29135	68110	Selenium	1	5	5
29207	68110	Selenium	1	2.245	2.245
29238	68110	Selenium	1	2.06	2.06
29257	68110	Selenium	1	1.955	1.955
29271	68110	Selenium	1	5	5
29283	68110	Selenium	1	1.95	1.95
29290	68110	Selenium	1	5	5
29332	68110	Selenium	1	5	5
29360	68110	Selenium	1	5	5
29361	68110	Selenium	1	5	5
29393	68110	Selenium	1	2.06	2.06
29421	68110	Selenium	1	2.15	2.15
29493	68110	Selenium	1	16.8	16.8
29500	68110	Selenium	1	1.97	1.97
29505	68110	Selenium	1	1.915	1.915
29550	68110	Selenium	1	5	5
29610	68110	Selenium	1	2.115	2.115
29634	68110	Selenium	1	5	5
29665	68110	Selenium	1	1.855	1.855
29753	68110	Selenium	1	5	5
29774	68110	Selenium	1	1.9	1.9
29786	68110	Selenium	1	5	5
29795	68110	Selenium	1	2	2
29844	68110	Selenium	1	5.4	5.4
29877	68110	Selenium	1	5	5
29887	68110	Selenium	1	5	5
29911	68110	Selenium	1	5	5
29913	68110	Selenium	1	1.915	1.915
29920	68110	Selenium	1	1.93	1.93
29921	68110	Selenium	1	2.075	2.075
29934	68110	Selenium	1	5.05	5.05
29942	68110	Selenium	1	5.7	5.7
29943	68110	Selenium	1	5	5
30017	68110	Selenium	1	5	5
30172	68110	Selenium	1	1.92	1.92
30189	68110	Selenium	1	5.15	5.15
30210	68110	Selenium	1	1.975	1.975
30291	68110	Selenium	1	5	5
30394	68110	Selenium	1	5	5
30410	68110	Selenium	1	1.795	1.795
30422	68110	Selenium	1	5.15	5.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30443	68110	Selenium	1	5	5
30469	68110	Selenium	1	1.795	1.795
30470	68110	Selenium	1	5.7	5.7
30500	68110	Selenium	1	5	5
30551	68110	Selenium	1	2.07	2.07
30556	68110	Selenium	1	1.865	1.865
30566	68110	Selenium	1	5	5
30575	68110	Selenium	1	2.09	2.09
30633	68110	Selenium	1	1.96	1.96
30651	68110	Selenium	1	5.05	5.05
30688	68110	Selenium	1	2.1	2.1
30705	68110	Selenium	1	1.79	1.79
30786	68110	Selenium	1	1.985	1.985
30803	68110	Selenium	1	5.7	5.7
30870	68110	Selenium	1	5	5
30954	68110	Selenium	1	5.25	5.25
30980	68110	Selenium	1	5	5
31097	68110	Selenium	1	5.55	5.55
31153	68110	Selenium	1	1.925	1.925
31174	68110	Selenium	1	5	5
31223	68110	Selenium	1	2.04	2.04
31231	68110	Selenium	1	2.01	2.01
31350	68110	Selenium	1	1.96	1.96
31401	68110	Selenium	1	5.15	5.15
31568	68110	Selenium	1	1.96	1.96
31645	68110	Selenium	1	5	5
31757	68110	Selenium	1	5	5
31760	68110	Selenium	1	1.855	1.855
31814	68110	Selenium	1	1.995	1.995
31832	68110	Selenium	1	5	5
31959	68110	Selenium	1	2.02	2.02
32019	68110	Selenium	1	5.15	5.15
32039	68110	Selenium	1	5	5
32043	68110	Selenium	1	5	5
32063	68110	Selenium	1	5	5
32214	68110	Selenium	1	1.885	1.885
32373	68110	Selenium	1	1.84	1.84
32484	68110	Selenium	1	5	5
32508	68110	Selenium	1	5	5
32529	68110	Selenium	1	1.985	1.985
32536	68110	Selenium	1	5	5
32570	68110	Selenium	1	2.05	2.05
32645	68110	Selenium	1	2.2	2.2
32707	68110	Selenium	1	2.305	2.305
32727	68110	Selenium	1	1.88	1.88
32733	68110	Selenium	1	10.6	10.6
32734	68110	Selenium	1	5.85	5.85

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32875	68110	Selenium	1	17.5	17.5
32903	68110	Selenium	1	2.035	2.035
32915	68110	Selenium	1	2.06	2.06
32927	68110	Selenium	1	5	5
32996	68110	Selenium	1	5.45	5.45
33078	68110	Selenium	1	1.915	1.915
33084	68110	Selenium	1	1.865	1.865
33280	68110	Selenium	1	1.89	1.89
33421	68110	Selenium	1	1.8	1.8
33468	68110	Selenium	1	5.4	5.4
33472	68110	Selenium	1	1.875	1.875
33477	68110	Selenium	1	4.75	4.75
33483	68110	Selenium	1	5.3	5.3
33512	68110	Selenium	1	1.835	1.835
33519	68110	Selenium	1	1.91	1.91
33543	68110	Selenium	1	1.87	1.87
33555	68110	Selenium	1	1.89	1.89
33602	68110	Selenium	1	5	5
33629	68110	Selenium	1	5	5
33635	68110	Selenium	1	2.155	2.155
33714	68110	Selenium	1	5	5
33725	68110	Selenium	1	1.83	1.83
33840	68110	Selenium	1	5	5
33927	68110	Selenium	1	5	5
34002	68110	Selenium	1	5	5
34047	68110	Selenium	1	1.87	1.87
34116	68110	Selenium	1	2	2
34237	68110	Selenium	1	1.925	1.925
34260	68110	Selenium	1	2.04	2.04
34266	68110	Selenium	1	2.14	2.14
34272	68110	Selenium	1	5	5
34276	68110	Selenium	1	5	5
34287	68110	Selenium	1	2.05	2.05
34613	68110	Selenium	1	5	5
34625	68110	Selenium	1	5	5
34638	68110	Selenium	1	5	5
34674	68110	Selenium	1	21.8	21.8
34696	68110	Selenium	1	5	5
34710	68110	Selenium	1	2.1	2.1
34733	68110	Selenium	1	1.885	1.885
34738	68110	Selenium	1	5.15	5.15
34742	68110	Selenium	1	5	5
34821	68110	Selenium	1	1.89	1.89
35022	68110	Selenium	1	1.855	1.855
35047	68110	Selenium	1	2.075	2.075
35180	68110	Selenium	1	2.145	2.145
35183	68110	Selenium	1	1.755	1.755

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35249	68110	Selenium	1	1.835	1.835
35384	68110	Selenium	1	5.3	5.3
35438	68110	Selenium	1	1.78	1.78
35501	68110	Selenium	1	5	5
35558	68110	Selenium	1	1.955	1.955
35589	68110	Selenium	1	1.885	1.885
35637	68110	Selenium	1	6	6
35710	68110	Selenium	1	5	5
35754	68110	Selenium	1	1.905	1.905
35787	68110	Selenium	1	5	5
35792	68110	Selenium	1	5	5
35793	68110	Selenium	1	5	5
36189	68110	Selenium	1	2.015	2.015
37075	68110	Selenium	1	1.915	1.915
37434	68110	Selenium	1	5	5
37456	68110	Selenium	1	2.14	2.14
37525	68110	Selenium	1	2.125	2.125
37674	68110	Selenium	1	2.025	2.025
37821	68110	Selenium	1	1.9	1.9
38725	68110	Selenium	1	5	5
38863	68110	Selenium	1	5	5
39142	68110	Selenium	1	5.3	5.3
39271	68110	Selenium	1	1.875	1.875
39434	68110	Selenium	1	1.9	1.9
39572	68110	Selenium	1	5	5
55636	68110	Selenium	1	5.55	5.55
74149	68110	Selenium	1	5.35	5.35
79377	68110	Selenium	1	5.35	5.35
81398	68110	Selenium	1	5.95	5.95
81400	68110	Selenium	1	5.2	5.2
87991	68110	Selenium	1	5.2	5.2
90908	68110	Selenium	1	4.9	4.9
91449	68110	Selenium	1	5.65	5.65
92501	68110	Selenium	1	4.7	4.7
92675	68110	Selenium	1	4.6	4.6
93337	68110	Selenium	1	4.9	4.9
93338	68110	Selenium	1	5.4	5.4
93342	68110	Selenium	1	4.6	4.6
93344	68110	Selenium	1	5.7	5.7
93345	68110	Selenium	1	5.85	5.85
2035	68111	Selenium	1	5	5
2075	68111	Selenium	1	5	5
2103	68111	Selenium	1	5	5
2109	68111	Selenium	1	5	5
2118	68111	Selenium	1	2.065	2.065
2121	68111	Selenium	1	5	5
2126	68111	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2154	68111	Selenium	1	5	5
2179	68111	Selenium	1	5	5
2216	68111	Selenium	1	5	5
2225	68111	Selenium	1	5	5
2231	68111	Selenium	1	5	5
2262	68111	Selenium	1	5	5
2365	68111	Selenium	1	0.3675	0.3675
2425	68111	Selenium	1	1.94	1.94
2565	68111	Selenium	1	1.915	1.915
3046	68111	Selenium	1	0.3425	0.3425
3051	68111	Selenium	1	0.3325	0.3325
3058	68111	Selenium	1	0.3325	0.3325
3091	68111	Selenium	1	1.01	1.01
3133	68111	Selenium	1	0.3375	0.3375
3151	68111	Selenium	1	0.388	0.388
5013	68111	Selenium	1	5	5
5085	68111	Selenium	1	5	5
5170	68111	Selenium	1	5	5
5171	68111	Selenium	1	5	5
5204	68111	Selenium	1	5	5
5206	68111	Selenium	1	5	5
5208	68111	Selenium	1	5	5
5215	68111	Selenium	1	5	5
5221	68111	Selenium	1	5	5
5230	68111	Selenium	1	5	5
5232	68111	Selenium	1	5	5
5234	68111	Selenium	1	5	5
5236	68111	Selenium	1	5	5
5238	68111	Selenium	1	5	5
5240	68111	Selenium	1	5	5
5242	68111	Selenium	1	5	5
5246	68111	Selenium	1	5	5
5288	68111	Selenium	1	5	5
5296	68111	Selenium	1	5	5
5330	68111	Selenium	1	0.795	0.795
5333	68111	Selenium	1	0.337	0.337
5513	68111	Selenium	1	1.23	1.23
5514	68111	Selenium	1	1.66	1.66
5618	68111	Selenium	1	1.47	1.47
25647	68111	Selenium	1	1.64	1.64
25663	68111	Selenium	1	1.93	1.93
25670	68111	Selenium	1	1.94	1.94
25708	68111	Selenium	1	5	5
25709	68111	Selenium	1	4.85	4.85
25750	68111	Selenium	1	5	5
25780	68111	Selenium	1	5.15	5.15
25786	68111	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25794	68111	Selenium	1	5	5
25804	68111	Selenium	1	5	5
25805	68111	Selenium	1	5	5
25834	68111	Selenium	1	2.09	2.09
25849	68111	Selenium	1	2.04	2.04
25869	68111	Selenium	1	2.105	2.105
25874	68111	Selenium	1	1.86	1.86
25877	68111	Selenium	1	5	5
25894	68111	Selenium	1	5	5
25903	68111	Selenium	1	5	5
25918	68111	Selenium	1	5.8	5.8
25921	68111	Selenium	1	1.765	1.765
25977	68111	Selenium	1	5	5
25985	68111	Selenium	1	1.965	1.965
26005	68111	Selenium	1	2.045	2.045
26009	68111	Selenium	1	5	5
26011	68111	Selenium	1	2.135	2.135
26030	68111	Selenium	1	2.11	2.11
26042	68111	Selenium	1	1.825	1.825
26043	68111	Selenium	1	5	5
26045	68111	Selenium	1	1.99	1.99
26053	68111	Selenium	1	2.12	2.12
26084	68111	Selenium	1	5.55	5.55
26100	68111	Selenium	1	2.025	2.025
26124	68111	Selenium	1	2.065	2.065
26135	68111	Selenium	1	2.25	2.25
26142	68111	Selenium	1	2.095	2.095
26149	68111	Selenium	1	5	5
26160	68111	Selenium	1	1.92	1.92
26164	68111	Selenium	1	5.15	5.15
26191	68111	Selenium	1	2.445	2.445
26199	68111	Selenium	1	5	5
26202	68111	Selenium	1	2.015	2.015
26204	68111	Selenium	1	5	5
26211	68111	Selenium	1	1.88	1.88
26215	68111	Selenium	1	5	5
26228	68111	Selenium	1	2.04	2.04
26229	68111	Selenium	1	2.12	2.12
26231	68111	Selenium	1	1.75	1.75
26249	68111	Selenium	1	5.15	5.15
26257	68111	Selenium	1	5	5
26263	68111	Selenium	1	5	5
26288	68111	Selenium	1	2.06	2.06
26289	68111	Selenium	1	2.05	2.05
26290	68111	Selenium	1	5	5
26295	68111	Selenium	1	5	5
26303	68111	Selenium	1	1.965	1.965

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26327	68111	Selenium	1	2.09	2.09
26372	68111	Selenium	1	5	5
26428	68111	Selenium	1	5	5
26456	68111	Selenium	1	5	5
26459	68111	Selenium	1	5	5
26480	68111	Selenium	1	5	5
26485	68111	Selenium	1	5	5
26514	68111	Selenium	1	5	5
26518	68111	Selenium	1	5	5
26543	68111	Selenium	1	5	5
26570	68111	Selenium	1	5	5
26604	68111	Selenium	1	5	5
26653	68111	Selenium	1	5	5
26663	68111	Selenium	1	5	5
26665	68111	Selenium	1	2.08	2.08
26682	68111	Selenium	1	5	5
26695	68111	Selenium	1	5	5
26716	68111	Selenium	1	5	5
26742	68111	Selenium	1	2.32	2.32
26757	68111	Selenium	1	5	5
26759	68111	Selenium	1	5	5
26772	68111	Selenium	1	1.745	1.745
26779	68111	Selenium	1	1.955	1.955
26783	68111	Selenium	1	2.22	2.22
26834	68111	Selenium	1	1.975	1.975
26844	68111	Selenium	1	5	5
26858	68111	Selenium	1	1.865	1.865
26865	68111	Selenium	1	5	5
26868	68111	Selenium	1	5	5
26869	68111	Selenium	1	1.785	1.785
26877	68111	Selenium	1	5	5
26891	68111	Selenium	1	1.87	1.87
26948	68111	Selenium	1	5	5
26955	68111	Selenium	1	5	5
26967	68111	Selenium	1	5	5
26996	68111	Selenium	1	1.815	1.815
26997	68111	Selenium	1	5	5
26999	68111	Selenium	1	2.015	2.015
27005	68111	Selenium	1	5	5
27031	68111	Selenium	1	1.865	1.865
27038	68111	Selenium	1	5.4	5.4
27052	68111	Selenium	1	5	5
27074	68111	Selenium	1	5	5
27096	68111	Selenium	1	2.04	2.04
27107	68111	Selenium	1	2.045	2.045
27117	68111	Selenium	1	5.15	5.15
27120	68111	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27137	68111	Selenium	1	5	5
27138	68111	Selenium	1	5	5
27139	68111	Selenium	1	1.87	1.87
27140	68111	Selenium	1	5	5
27142	68111	Selenium	1	5.35	5.35
27144	68111	Selenium	1	5	5
27145	68111	Selenium	1	5	5
27148	68111	Selenium	1	5	5
27177	68111	Selenium	1	5	5
27185	68111	Selenium	1	5	5
27191	68111	Selenium	1	5	5
27193	68111	Selenium	1	1.975	1.975
27202	68111	Selenium	1	5	5
27264	68111	Selenium	1	6.1	6.1
27266	68111	Selenium	1	5	5
27269	68111	Selenium	1	5.15	5.15
27278	68111	Selenium	1	5	5
27308	68111	Selenium	1	5	5
27315	68111	Selenium	1	5.3	5.3
27318	68111	Selenium	1	1.84	1.84
27342	68111	Selenium	1	1.98	1.98
27347	68111	Selenium	1	5	5
27366	68111	Selenium	1	1.805	1.805
27369	68111	Selenium	1	5	5
27399	68111	Selenium	1	5	5
27402	68111	Selenium	1	6.1	6.1
27446	68111	Selenium	1	5.2	5.2
27461	68111	Selenium	1	5	5
27467	68111	Selenium	1	1.86	1.86
27475	68111	Selenium	1	5	5
27481	68111	Selenium	1	5	5
27488	68111	Selenium	1	1.84	1.84
27524	68111	Selenium	1	5	5
27567	68111	Selenium	1	1.84	1.84
27581	68111	Selenium	1	2.26	2.26
27585	68111	Selenium	1	2.115	2.115
27604	68111	Selenium	1	2.245	2.245
27608	68111	Selenium	1	2.045	2.045
27630	68111	Selenium	1	5	5
27632	68111	Selenium	1	5	5
27658	68111	Selenium	1	5	5
27718	68111	Selenium	1	2.275	2.275
27734	68111	Selenium	1	5	5
27739	68111	Selenium	1	1.895	1.895
27742	68111	Selenium	1	5	5
27764	68111	Selenium	1	26.6	26.6
27768	68111	Selenium	1	2.08	2.08

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27780	68111	Selenium	1	1.975	1.975
27854	68111	Selenium	1	5	5
27859	68111	Selenium	1	2.115	2.115
27885	68111	Selenium	1	5	5
27886	68111	Selenium	1	5	5
27913	68111	Selenium	1	1.845	1.845
27920	68111	Selenium	1	1.97	1.97
27924	68111	Selenium	1	5	5
27939	68111	Selenium	1	5	5
27962	68111	Selenium	1	2.18	2.18
28004	68111	Selenium	1	5	5
28011	68111	Selenium	1	5	5
28019	68111	Selenium	1	2.18	2.18
28020	68111	Selenium	1	5	5
28022	68111	Selenium	1	1.79	1.79
28045	68111	Selenium	1	2.23	2.23
28065	68111	Selenium	1	5	5
28072	68111	Selenium	1	4.95	4.95
28105	68111	Selenium	1	1.78	1.78
28108	68111	Selenium	1	1.825	1.825
28144	68111	Selenium	1	1.955	1.955
28148	68111	Selenium	1	5	5
28154	68111	Selenium	1	1.935	1.935
28157	68111	Selenium	1	5.25	5.25
28185	68111	Selenium	1	5.4	5.4
28186	68111	Selenium	1	1.84	1.84
28188	68111	Selenium	1	5	5
28218	68111	Selenium	1	2.045	2.045
28222	68111	Selenium	1	2.355	2.355
28273	68111	Selenium	1	5	5
28284	68111	Selenium	1	5	5
28329	68111	Selenium	1	1.97	1.97
28338	68111	Selenium	1	5	5
28375	68111	Selenium	1	5	5
28377	68111	Selenium	1	5	5
28417	68111	Selenium	1	5	5
28423	68111	Selenium	1	6.35	6.35
28434	68111	Selenium	1	5	5
28518	68111	Selenium	1	2.095	2.095
28544	68111	Selenium	1	5	5
28558	68111	Selenium	1	1.96	1.96
28561	68111	Selenium	1	5	5
28573	68111	Selenium	1	4.95	4.95
28611	68111	Selenium	1	5	5
28612	68111	Selenium	1	2.08	2.08
28618	68111	Selenium	1	5	5
28623	68111	Selenium	1	2.095	2.095

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28625	68111	Selenium	1	1.94	1.94
28648	68111	Selenium	1	5	5
28661	68111	Selenium	1	1.95	1.95
28688	68111	Selenium	1	5	5
28709	68111	Selenium	1	5	5
28713	68111	Selenium	1	2.015	2.015
28725	68111	Selenium	1	1.935	1.935
28730	68111	Selenium	1	1.965	1.965
28749	68111	Selenium	1	5	5
28763	68111	Selenium	1	2	2
28764	68111	Selenium	1	1.975	1.975
28766	68111	Selenium	1	5	5
28781	68111	Selenium	1	2.095	2.095
28785	68111	Selenium	1	1.89	1.89
28798	68111	Selenium	1	5	5
28799	68111	Selenium	1	1.83	1.83
28809	68111	Selenium	1	1.795	1.795
28811	68111	Selenium	1	5	5
28819	68111	Selenium	1	5	5
28836	68111	Selenium	1	10	10
28837	68111	Selenium	1	1.88	1.88
28841	68111	Selenium	1	1.875	1.875
28846	68111	Selenium	1	5	5
28893	68111	Selenium	1	5	5
28909	68111	Selenium	1	1.99	1.99
28942	68111	Selenium	1	1.94	1.94
28959	68111	Selenium	1	5	5
28963	68111	Selenium	1	1.96	1.96
28967	68111	Selenium	1	5	5
28984	68111	Selenium	1	1.86	1.86
28991	68111	Selenium	1	2.095	2.095
29002	68111	Selenium	1	1.995	1.995
29023	68111	Selenium	1	5	5
29033	68111	Selenium	1	5	5
29037	68111	Selenium	1	5	5
29071	68111	Selenium	1	5	5
29090	68111	Selenium	1	10.5	10.5
29101	68111	Selenium	1	2.17	2.17
29102	68111	Selenium	1	5	5
29105	68111	Selenium	1	5	5
29155	68111	Selenium	1	4.8	4.8
29165	68111	Selenium	1	5.15	5.15
29175	68111	Selenium	1	5	5
29177	68111	Selenium	1	5	5
29181	68111	Selenium	1	1.925	1.925
29204	68111	Selenium	1	5	5
29205	68111	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29214	68111	Selenium	1	5	5
29220	68111	Selenium	1	1.87	1.87
29240	68111	Selenium	1	2.025	2.025
29248	68111	Selenium	1	2.285	2.285
29274	68111	Selenium	1	5.1	5.1
29285	68111	Selenium	1	2.075	2.075
29328	68111	Selenium	1	1.88	1.88
29343	68111	Selenium	1	2.015	2.015
29354	68111	Selenium	1	1.87	1.87
29358	68111	Selenium	1	5	5
29386	68111	Selenium	1	1.91	1.91
29409	68111	Selenium	1	5	5
29431	68111	Selenium	1	1.95	1.95
29432	68111	Selenium	1	1.975	1.975
29445	68111	Selenium	1	5	5
29469	68111	Selenium	1	2.06	2.06
29499	68111	Selenium	1	1.935	1.935
29552	68111	Selenium	1	1.885	1.885
29558	68111	Selenium	1	5	5
29578	68111	Selenium	1	1.975	1.975
29608	68111	Selenium	1	2.035	2.035
29625	68111	Selenium	1	5	5
29633	68111	Selenium	1	5	5
29671	68111	Selenium	1	1.925	1.925
29678	68111	Selenium	1	1.92	1.92
29683	68111	Selenium	1	1.925	1.925
29684	68111	Selenium	1	1.815	1.815
29689	68111	Selenium	1	2.035	2.035
29717	68111	Selenium	1	5.1	5.1
29777	68111	Selenium	1	5	5
29792	68111	Selenium	1	5	5
29806	68111	Selenium	1	2.17	2.17
29818	68111	Selenium	1	5	5
29824	68111	Selenium	1	5	5
29826	68111	Selenium	1	5	5
29881	68111	Selenium	1	2.07	2.07
29889	68111	Selenium	1	5	5
29910	68111	Selenium	1	5	5
29912	68111	Selenium	1	5	5
29927	68111	Selenium	1	5.55	5.55
29953	68111	Selenium	1	5	5
29974	68111	Selenium	1	5	5
29978	68111	Selenium	1	2.095	2.095
29991	68111	Selenium	1	5	5
29993	68111	Selenium	1	5	5
30012	68111	Selenium	1	5	5
30045	68111	Selenium	1	1.945	1.945

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30050	68111	Selenium	1	5	5
30068	68111	Selenium	1	1.9	1.9
30078	68111	Selenium	1	1.965	1.965
30081	68111	Selenium	1	2.05	2.05
30123	68111	Selenium	1	5	5
30130	68111	Selenium	1	1.905	1.905
30133	68111	Selenium	1	5	5
30161	68111	Selenium	1	5	5
30169	68111	Selenium	1	5	5
30171	68111	Selenium	1	5	5
30177	68111	Selenium	1	1.87	1.87
30182	68111	Selenium	1	1.82	1.82
30201	68111	Selenium	1	5	5
30220	68111	Selenium	1	1.86	1.86
30225	68111	Selenium	1	1.91	1.91
30244	68111	Selenium	1	5	5
30253	68111	Selenium	1	5	5
30345	68111	Selenium	1	1.88	1.88
30347	68111	Selenium	1	5	5
30387	68111	Selenium	1	5	5
30417	68111	Selenium	1	5.05	5.05
30420	68111	Selenium	1	5	5
30434	68111	Selenium	1	5	5
30455	68111	Selenium	1	1.975	1.975
30462	68111	Selenium	1	2.25	2.25
30494	68111	Selenium	1	1.76	1.76
30521	68111	Selenium	1	1.86	1.86
30526	68111	Selenium	1	5	5
30536	68111	Selenium	1	2.095	2.095
30563	68111	Selenium	1	5	5
30580	68111	Selenium	1	5	5
30625	68111	Selenium	1	1.99	1.99
30644	68111	Selenium	1	2.13	2.13
30645	68111	Selenium	1	1.93	1.93
30683	68111	Selenium	1	5.25	5.25
30699	68111	Selenium	1	5	5
30700	68111	Selenium	1	5	5
30714	68111	Selenium	1	2	2
30757	68111	Selenium	1	1.92	1.92
30802	68111	Selenium	1	5	5
30813	68111	Selenium	1	4.9	4.9
30817	68111	Selenium	1	5.2	5.2
30836	68111	Selenium	1	1.83	1.83
30841	68111	Selenium	1	1.88	1.88
30844	68111	Selenium	1	5	5
30881	68111	Selenium	1	2.13	2.13
30888	68111	Selenium	1	2.04	2.04

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30918	68111	Selenium	1	1.895	1.895
30927	68111	Selenium	1	5	5
30932	68111	Selenium	1	5	5
30933	68111	Selenium	1	5	5
30939	68111	Selenium	1	5.45	5.45
30978	68111	Selenium	1	5.5	5.5
30991	68111	Selenium	1	2.035	2.035
30995	68111	Selenium	1	5.4	5.4
30997	68111	Selenium	1	1.925	1.925
31008	68111	Selenium	1	2.16	2.16
31042	68111	Selenium	1	5.15	5.15
31045	68111	Selenium	1	5	5
31046	68111	Selenium	1	5	5
31052	68111	Selenium	1	2.01	2.01
31056	68111	Selenium	1	5	5
31071	68111	Selenium	1	5	5
31074	68111	Selenium	1	5	5
31076	68111	Selenium	1	1.925	1.925
31081	68111	Selenium	1	1.94	1.94
31102	68111	Selenium	1	1.94	1.94
31104	68111	Selenium	1	5	5
31120	68111	Selenium	1	5	5
31129	68111	Selenium	1	5.1	5.1
31131	68111	Selenium	1	5	5
31141	68111	Selenium	1	5	5
31145	68111	Selenium	1	5	5
31163	68111	Selenium	1	10.9	10.9
31171	68111	Selenium	1	5	5
31176	68111	Selenium	1	5	5
31186	68111	Selenium	1	5	5
31189	68111	Selenium	1	5	5
31192	68111	Selenium	1	5	5
31206	68111	Selenium	1	5	5
31229	68111	Selenium	1	5	5
31237	68111	Selenium	1	1.75	1.75
31262	68111	Selenium	1	5	5
31300	68111	Selenium	1	2.1	2.1
31303	68111	Selenium	1	5	5
31316	68111	Selenium	1	2.14	2.14
31357	68111	Selenium	1	5	5
31360	68111	Selenium	1	5	5
31361	68111	Selenium	1	5	5
31362	68111	Selenium	1	1.915	1.915
31365	68111	Selenium	1	1.97	1.97
31366	68111	Selenium	1	5	5
31377	68111	Selenium	1	5	5
31398	68111	Selenium	1	2.14	2.14

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31408	68111	Selenium	1	5	5
31433	68111	Selenium	1	2.1	2.1
31442	68111	Selenium	1	1.94	1.94
31444	68111	Selenium	1	5	5
31457	68111	Selenium	1	1.835	1.835
31478	68111	Selenium	1	5	5
31517	68111	Selenium	1	1.875	1.875
31583	68111	Selenium	1	5	5
31603	68111	Selenium	1	5.25	5.25
31607	68111	Selenium	1	5	5
31615	68111	Selenium	1	1.92	1.92
31695	68111	Selenium	1	5	5
31698	68111	Selenium	1	5	5
31733	68111	Selenium	1	5	5
31740	68111	Selenium	1	5	5
31799	68111	Selenium	1	5	5
31803	68111	Selenium	1	5	5
31823	68111	Selenium	1	6.1	6.1
31850	68111	Selenium	1	5	5
31853	68111	Selenium	1	5	5
31854	68111	Selenium	1	2.095	2.095
31858	68111	Selenium	1	5	5
31868	68111	Selenium	1	5	5
31871	68111	Selenium	1	5	5
31882	68111	Selenium	1	5.1	5.1
31887	68111	Selenium	1	1.925	1.925
31896	68111	Selenium	1	5	5
31899	68111	Selenium	1	5	5
31911	68111	Selenium	1	5	5
31925	68111	Selenium	1	5.1	5.1
31936	68111	Selenium	1	5	5
31964	68111	Selenium	1	5	5
31965	68111	Selenium	1	5	5
31977	68111	Selenium	1	1.84	1.84
31986	68111	Selenium	1	5	5
32001	68111	Selenium	1	6.05	6.05
32016	68111	Selenium	1	5	5
32021	68111	Selenium	1	1.905	1.905
32022	68111	Selenium	1	2.245	2.245
32040	68111	Selenium	1	5	5
32046	68111	Selenium	1	5	5
32049	68111	Selenium	1	5.35	5.35
32070	68111	Selenium	1	5.2	5.2
32081	68111	Selenium	1	5	5
32089	68111	Selenium	1	5	5
32092	68111	Selenium	1	5.95	5.95
32153	68111	Selenium	1	1.825	1.825

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32162	68111	Selenium	1	5	5
32168	68111	Selenium	1	2.02	2.02
32208	68111	Selenium	1	1.83	1.83
32228	68111	Selenium	1	5	5
32252	68111	Selenium	1	5	5
32256	68111	Selenium	1	1.96	1.96
32261	68111	Selenium	1	5	5
32267	68111	Selenium	1	5	5
32276	68111	Selenium	1	1.905	1.905
32277	68111	Selenium	1	2.37	2.37
32283	68111	Selenium	1	1.98	1.98
32284	68111	Selenium	1	5.7	5.7
32287	68111	Selenium	1	5	5
32293	68111	Selenium	1	5	5
32311	68111	Selenium	1	5	5
32316	68111	Selenium	1	5	5
32325	68111	Selenium	1	1.935	1.935
32339	68111	Selenium	1	2.055	2.055
32346	68111	Selenium	1	1.925	1.925
32414	68111	Selenium	1	5	5
32418	68111	Selenium	1	5	5
32428	68111	Selenium	1	5	5
32429	68111	Selenium	1	5	5
32441	68111	Selenium	1	5	5
32444	68111	Selenium	1	5	5
32455	68111	Selenium	1	5	5
32456	68111	Selenium	1	5	5
32458	68111	Selenium	1	5	5
32497	68111	Selenium	1	5	5
32502	68111	Selenium	1	2.065	2.065
32539	68111	Selenium	1	1.83	1.83
32547	68111	Selenium	1	5	5
32562	68111	Selenium	1	2.025	2.025
32581	68111	Selenium	1	5	5
32596	68111	Selenium	1	2.235	2.235
32633	68111	Selenium	1	1.86	1.86
32673	68111	Selenium	1	5.05	5.05
32678	68111	Selenium	1	5	5
32686	68111	Selenium	1	5	5
32696	68111	Selenium	1	5	5
32702	68111	Selenium	1	5.25	5.25
32708	68111	Selenium	1	1.835	1.835
32736	68111	Selenium	1	2.165	2.165
32775	68111	Selenium	1	5	5
32779	68111	Selenium	1	1.9	1.9
32780	68111	Selenium	1	5	5
32783	68111	Selenium	1	1.86	1.86

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32818	68111	Selenium	1	1.97	1.97
32847	68111	Selenium	1	5	5
32851	68111	Selenium	1	2.09	2.09
32852	68111	Selenium	1	5	5
32874	68111	Selenium	1	5	5
32876	68111	Selenium	1	5	5
32891	68111	Selenium	1	4.9	4.9
32896	68111	Selenium	1	5	5
32912	68111	Selenium	1	1.835	1.835
32914	68111	Selenium	1	5.5	5.5
32931	68111	Selenium	1	5	5
32940	68111	Selenium	1	1.875	1.875
32949	68111	Selenium	1	5	5
32968	68111	Selenium	1	5	5
32972	68111	Selenium	1	5	5
32973	68111	Selenium	1	5	5
32974	68111	Selenium	1	5	5
32989	68111	Selenium	1	12.3	12.3
32992	68111	Selenium	1	2.02	2.02
33009	68111	Selenium	1	5	5
33012	68111	Selenium	1	5.05	5.05
33014	68111	Selenium	1	5	5
33036	68111	Selenium	1	5	5
33037	68111	Selenium	1	5	5
33042	68111	Selenium	1	1.87	1.87
33043	68111	Selenium	1	6.25	6.25
33060	68111	Selenium	1	5	5
33062	68111	Selenium	1	5	5
33120	68111	Selenium	1	4.9	4.9
33177	68111	Selenium	1	5	5
33207	68111	Selenium	1	1.965	1.965
33296	68111	Selenium	1	5	5
33314	68111	Selenium	1	1.99	1.99
33317	68111	Selenium	1	16.2	16.2
33372	68111	Selenium	1	5.35	5.35
33392	68111	Selenium	1	5	5
33453	68111	Selenium	1	2.275	2.275
33456	68111	Selenium	1	1.825	1.825
33480	68111	Selenium	1	1.985	1.985
33492	68111	Selenium	1	5	5
33600	68111	Selenium	1	1.8	1.8
33607	68111	Selenium	1	5	5
33630	68111	Selenium	1	1.84	1.84
33631	68111	Selenium	1	5	5
33647	68111	Selenium	1	5	5
33696	68111	Selenium	1	2.055	2.055
33711	68111	Selenium	1	1.765	1.765

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33741	68111	Selenium	1	1.885	1.885
33772	68111	Selenium	1	1.875	1.875
33803	68111	Selenium	1	1.84	1.84
33805	68111	Selenium	1	5	5
33806	68111	Selenium	1	5	5
33818	68111	Selenium	1	2.335	2.335
33831	68111	Selenium	1	2.015	2.015
33833	68111	Selenium	1	1.965	1.965
33856	68111	Selenium	1	5	5
33863	68111	Selenium	1	5	5
33875	68111	Selenium	1	5.1	5.1
33903	68111	Selenium	1	1.89	1.89
33915	68111	Selenium	1	1.785	1.785
33947	68111	Selenium	1	5	5
33997	68111	Selenium	1	5	5
34037	68111	Selenium	1	1.945	1.945
34040	68111	Selenium	1	5	5
34059	68111	Selenium	1	5	5
34060	68111	Selenium	1	5	5
34075	68111	Selenium	1	5	5
34088	68111	Selenium	1	1.86	1.86
34126	68111	Selenium	1	5	5
34128	68111	Selenium	1	2.02	2.02
34142	68111	Selenium	1	5	5
34173	68111	Selenium	1	1.96	1.96
34179	68111	Selenium	1	5	5
34200	68111	Selenium	1	5	5
34219	68111	Selenium	1	5.8	5.8
34222	68111	Selenium	1	5	5
34224	68111	Selenium	1	5.6	5.6
34225	68111	Selenium	1	5	5
34247	68111	Selenium	1	5	5
34251	68111	Selenium	1	5	5
34255	68111	Selenium	1	5	5
34257	68111	Selenium	1	5	5
34320	68111	Selenium	1	2.205	2.205
34371	68111	Selenium	1	1.995	1.995
34377	68111	Selenium	1	5.1	5.1
34387	68111	Selenium	1	1.965	1.965
34396	68111	Selenium	1	5.65	5.65
34430	68111	Selenium	1	1.895	1.895
34444	68111	Selenium	1	5	5
34478	68111	Selenium	1	2.18	2.18
34503	68111	Selenium	1	5	5
34560	68111	Selenium	1	5.65	5.65
34562	68111	Selenium	1	5	5
34595	68111	Selenium	1	6	6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34621	68111	Selenium	1	5	5
34626	68111	Selenium	1	5	5
34639	68111	Selenium	1	1.93	1.93
34663	68111	Selenium	1	2.16	2.16
34669	68111	Selenium	1	5	5
34691	68111	Selenium	1	1.8	1.8
34703	68111	Selenium	1	5	5
34766	68111	Selenium	1	5	5
34778	68111	Selenium	1	5	5
34888	68111	Selenium	1	5	5
34892	68111	Selenium	1	1.945	1.945
34904	68111	Selenium	1	1.74	1.74
34917	68111	Selenium	1	5.2	5.2
34923	68111	Selenium	1	5.05	5.05
34936	68111	Selenium	1	1.96	1.96
34948	68111	Selenium	1	5	5
34953	68111	Selenium	1	1.89	1.89
34985	68111	Selenium	1	5.75	5.75
34993	68111	Selenium	1	1.89	1.89
34999	68111	Selenium	1	2.015	2.015
35003	68111	Selenium	1	4.95	4.95
35014	68111	Selenium	1	1.945	1.945
35042	68111	Selenium	1	5.3	5.3
35043	68111	Selenium	1	1.99	1.99
35059	68111	Selenium	1	2.075	2.075
35072	68111	Selenium	1	2.05	2.05
35095	68111	Selenium	1	5	5
35137	68111	Selenium	1	1.72	1.72
35152	68111	Selenium	1	5	5
35223	68111	Selenium	1	5	5
35233	68111	Selenium	1	2.18	2.18
35242	68111	Selenium	1	5	5
35252	68111	Selenium	1	2.02	2.02
35273	68111	Selenium	1	5	5
35285	68111	Selenium	1	5	5
35287	68111	Selenium	1	5	5
35288	68111	Selenium	1	2.16	2.16
35290	68111	Selenium	1	1.9	1.9
35350	68111	Selenium	1	5	5
35404	68111	Selenium	1	5	5
35417	68111	Selenium	1	5.1	5.1
35458	68111	Selenium	1	2.035	2.035
35495	68111	Selenium	1	5	5
35503	68111	Selenium	1	5	5
35513	68111	Selenium	1	5	5
35517	68111	Selenium	1	6.25	6.25
35536	68111	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35575	68111	Selenium	1	1.86	1.86
35614	68111	Selenium	1	2.165	2.165
35619	68111	Selenium	1	1.915	1.915
35786	68111	Selenium	1	1.77	1.77
35821	68111	Selenium	1	2.07	2.07
35822	68111	Selenium	1	2.035	2.035
35826	68111	Selenium	1	5	5
35830	68111	Selenium	1	5.2	5.2
35877	68111	Selenium	1	1.61	1.61
35921	68111	Selenium	1	5	5
35935	68111	Selenium	1	5	5
35943	68111	Selenium	1	5	5
35947	68111	Selenium	1	5	5
35964	68111	Selenium	1	5.55	5.55
35969	68111	Selenium	1	14.9	14.9
36000	68111	Selenium	1	5	5
36007	68111	Selenium	1	5	5
36015	68111	Selenium	1	4.8	4.8
36024	68111	Selenium	1	5	5
36040	68111	Selenium	1	1.9	1.9
36046	68111	Selenium	1	5	5
36072	68111	Selenium	1	5	5
36093	68111	Selenium	1	5	5
36116	68111	Selenium	1	5	5
36138	68111	Selenium	1	5.15	5.15
36167	68111	Selenium	1	5	5
36194	68111	Selenium	1	1.86	1.86
36212	68111	Selenium	1	1.89	1.89
36238	68111	Selenium	1	1.825	1.825
36246	68111	Selenium	1	1.865	1.865
36251	68111	Selenium	1	1.995	1.995
36257	68111	Selenium	1	5	5
36259	68111	Selenium	1	1.94	1.94
36269	68111	Selenium	1	1.995	1.995
36325	68111	Selenium	1	1.74	1.74
36356	68111	Selenium	1	2.09	2.09
36408	68111	Selenium	1	2.13	2.13
36410	68111	Selenium	1	5	5
36427	68111	Selenium	1	5.25	5.25
36464	68111	Selenium	1	2.035	2.035
36467	68111	Selenium	1	2	2
36507	68111	Selenium	1	1.945	1.945
36557	68111	Selenium	1	1.99	1.99
36574	68111	Selenium	1	5.25	5.25
36656	68111	Selenium	1	5.35	5.35
36679	68111	Selenium	1	5.95	5.95
36701	68111	Selenium	1	1.75	1.75

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36706	68111	Selenium	1	1.825	1.825
36936	68111	Selenium	1	1.84	1.84
37023	68111	Selenium	1	5	5
37025	68111	Selenium	1	5	5
37031	68111	Selenium	1	5.2	5.2
37036	68111	Selenium	1	5.65	5.65
37049	68111	Selenium	1	2.04	2.04
37087	68111	Selenium	1	1.64	1.64
37097	68111	Selenium	1	5.6	5.6
37156	68111	Selenium	1	2.045	2.045
37189	68111	Selenium	1	1.72	1.72
37193	68111	Selenium	1	1.91	1.91
37210	68111	Selenium	1	2.005	2.005
37219	68111	Selenium	1	5	5
37223	68111	Selenium	1	2.11	2.11
37226	68111	Selenium	1	4.9	4.9
37276	68111	Selenium	1	5	5
37361	68111	Selenium	1	1.845	1.845
37402	68111	Selenium	1	1.82	1.82
37465	68111	Selenium	1	1.865	1.865
37470	68111	Selenium	1	1.895	1.895
37684	68111	Selenium	1	2.03	2.03
37738	68111	Selenium	1	1.86	1.86
37756	68111	Selenium	1	6	6
37907	68111	Selenium	2	1.9675	2.02
37934	68111	Selenium	1	1.9	1.9
38007	68111	Selenium	1	5.2	5.2
38054	68111	Selenium	1	5	5
38066	68111	Selenium	1	1.965	1.965
38087	68111	Selenium	1	1.785	1.785
38202	68111	Selenium	1	2.06	2.06
38210	68111	Selenium	1	1.99	1.99
38253	68111	Selenium	1	1.83	1.83
38261	68111	Selenium	1	5	5
38269	68111	Selenium	1	5.65	5.65
38300	68111	Selenium	1	5	5
38363	68111	Selenium	1	1.945	1.945
38383	68111	Selenium	1	5	5
38407	68111	Selenium	1	1.81	1.81
38439	68111	Selenium	1	1.955	1.955
38446	68111	Selenium	1	5	5
38449	68111	Selenium	1	2.05	2.05
38527	68111	Selenium	1	2.015	2.015
38585	68111	Selenium	1	5.85	5.85
38587	68111	Selenium	1	5	5
38721	68111	Selenium	1	2.03	2.03
38724	68111	Selenium	1	1.865	1.865

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38759	68111	Selenium	1	2.335	2.335
38780	68111	Selenium	1	5	5
38864	68111	Selenium	1	5	5
49203	68111	Selenium	1	5	5
49313	68111	Selenium	1	5	5
49314	68111	Selenium	1	1.975	1.975
49319	68111	Selenium	1	5.45	5.45
49341	68111	Selenium	1	1.79	1.79
49345	68111	Selenium	1	5.2	5.2
49354	68111	Selenium	1	5.6	5.6
50024	68111	Selenium	1	2.16	2.16
50049	68111	Selenium	1	1.865	1.865
50080	68111	Selenium	1	1.965	1.965
50105	68111	Selenium	1	1.975	1.975
50107	68111	Selenium	1	5	5
50120	68111	Selenium	1	5	5
50146	68111	Selenium	1	5	5
50356	68111	Selenium	1	5	5
50404	68111	Selenium	1	5	5
50410	68111	Selenium	1	5	5
50417	68111	Selenium	1	5	5
50424	68111	Selenium	1	2.09	2.09
50434	68111	Selenium	1	2.28	2.28
50447	68111	Selenium	1	1.805	1.805
63239	68111	Selenium	1	5.4	5.4
63751	68111	Selenium	1	4.65	4.65
68070	68111	Selenium	1	2.04	2.04
68686	68111	Selenium	1	5.2	5.2
73862	68111	Selenium	1	5.85	5.85
74664	68111	Selenium	1	5.2	5.2
75011	68111	Selenium	1	2.21	2.21
77146	68111	Selenium	1	5.05	5.05
79703	68111	Selenium	1	5.65	5.65
79704	68111	Selenium	1	5.65	5.65
87761	68111	Selenium	1	2.075	2.075
89893	68111	Selenium	1	4.35	4.35
90107	68111	Selenium	1	5.5	5.5
91234	68111	Selenium	1	5.45	5.45
91335	68111	Selenium	1	5.5	5.5
91926	68111	Selenium	1	5.4	5.4
2269	68112	Selenium	1	5	5
39755	68112	Selenium	1	5	5
39951	68112	Selenium	1	1.88	1.88
40194	68112	Selenium	1	5	5
40523	68112	Selenium	1	2.095	2.095
40879	68112	Selenium	1	1.92	1.92
2097	68131	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2156	68131	Selenium	1	5	5
2165	68131	Selenium	1	5.1	5.1
5037	68131	Selenium	1	5	5
5150	68131	Selenium	1	5	5
5153	68131	Selenium	1	5	5
5186	68131	Selenium	1	5	5
5188	68131	Selenium	1	5	5
5195	68131	Selenium	1	5	5
5197	68131	Selenium	1	5	5
5260	68131	Selenium	1	5	5
5272	68131	Selenium	1	5	5
5278	68131	Selenium	1	5	5
5298	68131	Selenium	1	5	5
5377	68131	Selenium	1	2.63	2.63
5379	68131	Selenium	1	2.71	2.71
5380	68131	Selenium	1	1.73	1.73
22856	68131	Selenium	1	5	5
23003	68131	Selenium	1	5	5
23016	68131	Selenium	1	5	5
23028	68131	Selenium	1	5	5
23072	68131	Selenium	1	2.27	2.27
23093	68131	Selenium	1	5.35	5.35
23144	68131	Selenium	1	2.135	2.135
23145	68131	Selenium	1	5.4	5.4
23150	68131	Selenium	1	5	5
23153	68131	Selenium	1	5	5
23211	68131	Selenium	1	1.9	1.9
23237	68131	Selenium	1	1.95	1.95
23274	68131	Selenium	1	5.35	5.35
23280	68131	Selenium	1	5	5
23301	68131	Selenium	1	5	5
23338	68131	Selenium	1	2.135	2.135
23344	68131	Selenium	1	1.985	1.985
23379	68131	Selenium	1	1.84	1.84
23399	68131	Selenium	1	1.905	1.905
23425	68131	Selenium	1	5	5
23433	68131	Selenium	1	5.25	5.25
23442	68131	Selenium	1	1.775	1.775
23460	68131	Selenium	1	5	5
23502	68131	Selenium	1	1.95	1.95
23512	68131	Selenium	1	1.955	1.955
23532	68131	Selenium	1	5	5
23537	68131	Selenium	1	5	5
23539	68131	Selenium	1	1.87	1.87
23577	68131	Selenium	1	1.805	1.805
23580	68131	Selenium	1	5	5
23584	68131	Selenium	1	5.05	5.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23586	68131	Selenium	1	5	5
23611	68131	Selenium	1	1.8	1.8
23634	68131	Selenium	1	4.95	4.95
23673	68131	Selenium	1	5	5
23675	68131	Selenium	1	1.955	1.955
23700	68131	Selenium	1	5	5
23742	68131	Selenium	1	6.05	6.05
23786	68131	Selenium	1	5.55	5.55
23788	68131	Selenium	1	5	5
23790	68131	Selenium	1	1.805	1.805
23817	68131	Selenium	1	5	5
23822	68131	Selenium	1	5	5
23824	68131	Selenium	1	1.84	1.84
23845	68131	Selenium	1	5	5
23872	68131	Selenium	1	5	5
23895	68131	Selenium	1	5	5
23899	68131	Selenium	1	5	5
23922	68131	Selenium	1	1.79	1.79
23930	68131	Selenium	1	2.04	2.04
23961	68131	Selenium	1	5	5
23967	68131	Selenium	1	1.97	1.97
23968	68131	Selenium	1	2.075	2.075
23985	68131	Selenium	1	5	5
23986	68131	Selenium	1	5	5
24000	68131	Selenium	1	5	5
24010	68131	Selenium	1	5	5
24019	68131	Selenium	1	5	5
24027	68131	Selenium	1	5	5
24098	68131	Selenium	1	5	5
24109	68131	Selenium	1	5	5
24119	68131	Selenium	1	1.84	1.84
24126	68131	Selenium	1	5.1	5.1
24132	68131	Selenium	1	1.945	1.945
24141	68131	Selenium	1	15.8	15.8
24156	68131	Selenium	1	5	5
24162	68131	Selenium	1	5	5
24182	68131	Selenium	1	1.805	1.805
24190	68131	Selenium	1	1.915	1.915
24214	68131	Selenium	1	5	5
24240	68131	Selenium	1	5	5
24272	68131	Selenium	1	5	5
24274	68131	Selenium	1	5	5
24277	68131	Selenium	1	5	5
24334	68131	Selenium	1	5	5
24348	68131	Selenium	1	5	5
24357	68131	Selenium	1	5	5
24358	68131	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24367	68131	Selenium	1	5	5
24370	68131	Selenium	1	5	5
24374	68131	Selenium	1	5	5
24376	68131	Selenium	1	2	2
24390	68131	Selenium	1	5	5
24396	68131	Selenium	1	5.65	5.65
24411	68131	Selenium	1	2.11	2.11
24451	68131	Selenium	1	2.035	2.035
24457	68131	Selenium	1	1.985	1.985
24577	68131	Selenium	1	5	5
24601	68131	Selenium	1	5.1	5.1
24605	68131	Selenium	1	1.96	1.96
24635	68131	Selenium	1	5	5
24640	68131	Selenium	1	1.925	1.925
24655	68131	Selenium	1	1.795	1.795
24674	68131	Selenium	1	5	5
24692	68131	Selenium	1	5	5
24693	68131	Selenium	1	1.915	1.915
24703	68131	Selenium	1	5	5
24740	68131	Selenium	1	2.17	2.17
24751	68131	Selenium	1	5	5
24757	68131	Selenium	1	5	5
24768	68131	Selenium	1	5.35	5.35
24776	68131	Selenium	1	1.935	1.935
24794	68131	Selenium	1	5	5
24800	68131	Selenium	1	5	5
24808	68131	Selenium	1	5	5
24887	68131	Selenium	1	5	5
24896	68131	Selenium	1	5	5
24931	68131	Selenium	1	5	5
24958	68131	Selenium	1	5	5
24962	68131	Selenium	1	1.855	1.855
24964	68131	Selenium	1	1.83	1.83
25005	68131	Selenium	1	5	5
25009	68131	Selenium	1	5	5
25061	68131	Selenium	1	1.925	1.925
25063	68131	Selenium	1	1.9	1.9
25078	68131	Selenium	1	2.185	2.185
25096	68131	Selenium	1	1.965	1.965
25130	68131	Selenium	1	5	5
25133	68131	Selenium	1	5	5
25137	68131	Selenium	1	5	5
25167	68131	Selenium	1	1.92	1.92
25185	68131	Selenium	1	5	5
25189	68131	Selenium	1	5	5
25193	68131	Selenium	1	5	5
25202	68131	Selenium	1	1.865	1.865

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25204	68131	Selenium	1	2.005	2.005
25231	68131	Selenium	1	5	5
25242	68131	Selenium	1	5.1	5.1
25281	68131	Selenium	1	2.055	2.055
25285	68131	Selenium	1	10.9	10.9
25296	68131	Selenium	1	1.855	1.855
25315	68131	Selenium	1	2.045	2.045
25324	68131	Selenium	1	1.975	1.975
25329	68131	Selenium	1	5	5
25335	68131	Selenium	1	5.15	5.15
25337	68131	Selenium	1	5.25	5.25
25385	68131	Selenium	1	1.915	1.915
25391	68131	Selenium	1	5	5
25410	68131	Selenium	1	5	5
25425	68131	Selenium	1	5	5
25456	68131	Selenium	1	5.2	5.2
25547	68131	Selenium	1	1.965	1.965
25554	68131	Selenium	1	1.75	1.75
25558	68131	Selenium	1	5	5
25579	68131	Selenium	1	2.12	2.12
25604	68131	Selenium	1	2.03	2.03
25607	68131	Selenium	1	2.085	2.085
25634	68131	Selenium	1	4.9	4.9
25657	68131	Selenium	1	5	5
50446	68131	Selenium	1	5	5
89514	68131	Selenium	1	5.25	5.25
93114	68131	Selenium	1	5.45	5.45
93413	68131	Selenium	1	5.05	5.05
93419	68131	Selenium	1	5.1	5.1
5139	68132	Selenium	1	5	5
5140	68132	Selenium	1	5	5
5313	68132	Selenium	1	5	5
5317	68132	Selenium	1	5	5
49490	68132	Selenium	1	5	5
49500	68132	Selenium	1	5	5
49505	68132	Selenium	1	2.005	2.005
49521	68132	Selenium	1	5.15	5.15
49544	68132	Selenium	1	1.925	1.925
49558	68132	Selenium	1	5	5
49578	68132	Selenium	1	2.005	2.005
49618	68132	Selenium	1	5	5
49625	68132	Selenium	1	1.835	1.835
49627	68132	Selenium	1	1.83	1.83
49628	68132	Selenium	1	5.55	5.55
49642	68132	Selenium	1	2.045	2.045
49663	68132	Selenium	1	1.915	1.915
49671	68132	Selenium	1	1.955	1.955

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49672	68132	Selenium	1	5	5
49676	68132	Selenium	1	1.96	1.96
49678	68132	Selenium	1	1.965	1.965
49682	68132	Selenium	1	5.2	5.2
49697	68132	Selenium	1	1.95	1.95
49701	68132	Selenium	1	5	5
49704	68132	Selenium	1	5.65	5.65
49716	68132	Selenium	1	5	5
49717	68132	Selenium	1	5.3	5.3
49724	68132	Selenium	1	1.87	1.87
49725	68132	Selenium	1	2.09	2.09
49726	68132	Selenium	1	5	5
49727	68132	Selenium	1	2.19	2.19
49736	68132	Selenium	1	4.85	4.85
49739	68132	Selenium	1	5.05	5.05
49759	68132	Selenium	1	5	5
49760	68132	Selenium	1	12	12
49774	68132	Selenium	1	1.855	1.855
49781	68132	Selenium	1	1.78	1.78
49783	68132	Selenium	1	1.965	1.965
49793	68132	Selenium	1	5	5
49800	68132	Selenium	1	1.71	1.71
49806	68132	Selenium	1	1.72	1.72
49812	68132	Selenium	1	1.965	1.965
49819	68132	Selenium	1	1.88	1.88
49833	68132	Selenium	1	2.015	2.015
49846	68132	Selenium	1	2.03	2.03
49852	68132	Selenium	1	1.775	1.775
49853	68132	Selenium	1	1.75	1.75
49855	68132	Selenium	1	2.055	2.055
49863	68132	Selenium	1	1.96	1.96
49884	68132	Selenium	1	1.93	1.93
49892	68132	Selenium	1	2.13	2.13
49902	68132	Selenium	1	2.175	2.175
49907	68132	Selenium	1	2.085	2.085
49911	68132	Selenium	1	1.915	1.915
49913	68132	Selenium	1	1.935	1.935
49918	68132	Selenium	1	5	5
49922	68132	Selenium	1	1.99	1.99
49929	68132	Selenium	1	1.91	1.91
49931	68132	Selenium	1	2.195	2.195
49936	68132	Selenium	1	5	5
49941	68132	Selenium	1	5.1	5.1
49943	68132	Selenium	1	5	5
49953	68132	Selenium	1	1.905	1.905
49956	68132	Selenium	1	2.05	2.05
49958	68132	Selenium	1	2.18	2.18

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49961	68132	Selenium	1	2.03	2.03
49971	68132	Selenium	1	1.885	1.885
49974	68132	Selenium	1	5	5
49986	68132	Selenium	1	2.02	2.02
49994	68132	Selenium	1	5	5
49995	68132	Selenium	1	5.25	5.25
50479	68132	Selenium	1	5	5
50484	68132	Selenium	1	17.5	17.5
50485	68132	Selenium	1	5	5
50536	68132	Selenium	1	1.995	1.995
51190	68132	Selenium	1	5	5
51214	68132	Selenium	1	5	5
51217	68132	Selenium	1	5	5
51225	68132	Selenium	1	1.995	1.995
51228	68132	Selenium	1	5	5
51234	68132	Selenium	1	4.9	4.9
51256	68132	Selenium	1	5	5
51263	68132	Selenium	1	5	5
51270	68132	Selenium	1	5	5
51278	68132	Selenium	1	2.08	2.08
51280	68132	Selenium	1	1.91	1.91
51327	68132	Selenium	1	4.9	4.9
51349	68132	Selenium	1	1.685	1.685
51361	68132	Selenium	1	1.9	1.9
51369	68132	Selenium	1	1.83	1.83
51381	68132	Selenium	1	4.75	4.75
51391	68132	Selenium	1	5	5
51392	68132	Selenium	1	1.83	1.83
51394	68132	Selenium	1	2	2
51401	68132	Selenium	1	4.8	4.8
51412	68132	Selenium	1	4.7	4.7
51437	68132	Selenium	1	2.07	2.07
51440	68132	Selenium	1	5	5
51457	68132	Selenium	1	2.205	2.205
51483	68132	Selenium	1	1.85	1.85
51492	68132	Selenium	1	1.975	1.975
51504	68132	Selenium	1	5.1	5.1
51512	68132	Selenium	1	5	5
51519	68132	Selenium	1	1.89	1.89
51525	68132	Selenium	1	5.25	5.25
51544	68132	Selenium	1	5.55	5.55
51546	68132	Selenium	1	5	5
51551	68132	Selenium	1	5	5
51569	68132	Selenium	1	5	5
51587	68132	Selenium	1	1.9	1.9
51588	68132	Selenium	1	5.25	5.25
51598	68132	Selenium	1	1.9	1.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51600	68132	Selenium	1	2.04	2.04
51607	68132	Selenium	1	5	5
51630	68132	Selenium	1	4.85	4.85
51640	68132	Selenium	1	1.815	1.815
51645	68132	Selenium	1	2.04	2.04
51646	68132	Selenium	1	1.995	1.995
51659	68132	Selenium	1	2.09	2.09
51667	68132	Selenium	1	5	5
51671	68132	Selenium	1	2.11	2.11
51676	68132	Selenium	1	5	5
51705	68132	Selenium	1	5	5
51706	68132	Selenium	1	2.13	2.13
51708	68132	Selenium	1	5	5
51710	68132	Selenium	1	5.75	5.75
51712	68132	Selenium	1	2.08	2.08
51735	68132	Selenium	1	5.05	5.05
51750	68132	Selenium	1	5.1	5.1
51752	68132	Selenium	1	5	5
51767	68132	Selenium	1	5	5
51769	68132	Selenium	1	2.09	2.09
51779	68132	Selenium	1	5	5
51780	68132	Selenium	1	5	5
51785	68132	Selenium	1	5	5
51790	68132	Selenium	1	1.99	1.99
51800	68132	Selenium	1	5	5
51803	68132	Selenium	1	5	5
51805	68132	Selenium	1	5.15	5.15
51807	68132	Selenium	1	5.15	5.15
51808	68132	Selenium	1	5	5
51820	68132	Selenium	1	11.2	11.2
51829	68132	Selenium	1	5	5
51840	68132	Selenium	1	5	5
51844	68132	Selenium	1	5.9	5.9
51846	68132	Selenium	1	5.15	5.15
51847	68132	Selenium	1	4.9	4.9
51854	68132	Selenium	1	1.96	1.96
51855	68132	Selenium	1	5	5
51857	68132	Selenium	1	5	5
51861	68132	Selenium	1	5	5
51863	68132	Selenium	1	5	5
51866	68132	Selenium	1	2.115	2.115
51872	68132	Selenium	1	5	5
51897	68132	Selenium	1	5	5
51918	68132	Selenium	1	1.945	1.945
51921	68132	Selenium	1	1.86	1.86
51938	68132	Selenium	1	2.125	2.125
51946	68132	Selenium	1	5.4	5.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51949	68132	Selenium	1	5.05	5.05
51959	68132	Selenium	1	1.665	1.665
51960	68132	Selenium	1	5.5	5.5
51972	68132	Selenium	1	5	5
51990	68132	Selenium	1	5.55	5.55
51997	68132	Selenium	1	5	5
52023	68132	Selenium	1	5	5
52035	68132	Selenium	1	5	5
52046	68132	Selenium	1	5.1	5.1
52054	68132	Selenium	1	5	5
52059	68132	Selenium	1	4.7	4.7
52075	68132	Selenium	1	1.945	1.945
52078	68132	Selenium	1	1.93	1.93
52080	68132	Selenium	1	2.06	2.06
52085	68132	Selenium	1	1.95	1.95
52090	68132	Selenium	1	1.935	1.935
52091	68132	Selenium	1	5	5
52097	68132	Selenium	1	1.94	1.94
52101	68132	Selenium	1	1.87	1.87
52106	68132	Selenium	1	5	5
52112	68132	Selenium	1	1.865	1.865
52119	68132	Selenium	1	5	5
52122	68132	Selenium	1	4.65	4.65
52128	68132	Selenium	1	6.15	6.15
52129	68132	Selenium	1	5	5
52137	68132	Selenium	1	2.07	2.07
52140	68132	Selenium	1	2.055	2.055
52141	68132	Selenium	1	10	10
52150	68132	Selenium	1	2.02	2.02
52155	68132	Selenium	2	5.4	5.45
52158	68132	Selenium	1	5	5
52166	68132	Selenium	1	5	5
52167	68132	Selenium	1	1.85	1.85
52177	68132	Selenium	1	5	5
52178	68132	Selenium	1	5	5
52181	68132	Selenium	1	11.6	11.6
52186	68132	Selenium	1	5	5
52187	68132	Selenium	1	5	5
52190	68132	Selenium	1	1.98	1.98
52192	68132	Selenium	1	5.45	5.45
52198	68132	Selenium	1	4.55	4.55
52202	68132	Selenium	1	1.91	1.91
52206	68132	Selenium	1	5	5
52214	68132	Selenium	1	2.15	2.15
52226	68132	Selenium	1	5	5
52228	68132	Selenium	1	2.03	2.03
52243	68132	Selenium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52244	68132	Selenium	1	5.2	5.2
52246	68132	Selenium	1	1.89	1.89
52327	68132	Selenium	1	5	5
52336	68132	Selenium	1	5	5
52356	68132	Selenium	1	5	5
52357	68132	Selenium	1	6.35	6.35
52367	68132	Selenium	1	2.085	2.085
52378	68132	Selenium	1	1.98	1.98
52386	68132	Selenium	1	5.75	5.75
52387	68132	Selenium	1	1.91	1.91
52411	68132	Selenium	1	1.96	1.96
63007	68132	Selenium	1	5.15	5.15
66781	68132	Selenium	1	5.4	5.4
66791	68132	Selenium	1	4.65	4.65
92431	68132	Selenium	1	5.85	5.85
22493	68102	Silver	1	0.6	0.6
25567	68102	Silver	1	1	1
25717	68102	Silver	1	0.545	0.545
25720	68102	Silver	1	1	1
25914	68102	Silver	1	0.53	0.53
90101	68102	Silver	1	1	1
2133	68104	Silver	1	1	1
5026	68104	Silver	1	1	1
5143	68104	Silver	1	1	1
5144	68104	Silver	1	1	1
5145	68104	Silver	1	1	1
5147	68104	Silver	1	1	1
50647	68104	Silver	1	0.565	0.565
1626	68105	Silver	1	0.555	0.555
2229	68105	Silver	1	1	1
2299	68105	Silver	1	0.445	0.445
2300	68105	Silver	1	0.549	0.549
2308	68105	Silver	1	0.614	0.614
2441	68105	Silver	1	1	1
2448	68105	Silver	1	0.555	0.555
2465	68105	Silver	1	0.58	0.58
3076	68105	Silver	1	0.568	0.568
3118	68105	Silver	1	0.349	0.349
5054	68105	Silver	1	1	1
5057	68105	Silver	1	1	1
5105	68105	Silver	1	1	1
5109	68105	Silver	1	1	1
5110	68105	Silver	1	1	1
5112	68105	Silver	1	1	1
5117	68105	Silver	1	1	1
5123	68105	Silver	1	1	1
5128	68105	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5129	68105	Silver	1	1	1
5132	68105	Silver	1	1	1
5134	68105	Silver	1	1	1
5325	68105	Silver	1	0.62	0.62
5338	68105	Silver	1	0.48	0.48
5347	68105	Silver	1	0.294	0.294
5351	68105	Silver	1	0.535	0.535
5352	68105	Silver	1	0.123	0.123
5355	68105	Silver	1	0.133	0.133
5356	68105	Silver	1	0.295	0.295
5357	68105	Silver	1	0.273	0.273
5359	68105	Silver	1	0.1145	0.1145
5361	68105	Silver	1	0.121	0.121
5363	68105	Silver	1	0.306	0.306
5364	68105	Silver	1	0.57	0.57
5365	68105	Silver	1	0.45	0.45
5367	68105	Silver	1	0.1075	0.1075
5486	68105	Silver	1	0.1125	0.1125
5488	68105	Silver	1	0.123	0.123
5489	68105	Silver	1	0.1255	0.1255
5495	68105	Silver	1	0.121	0.121
5509	68105	Silver	1	0.524	0.524
5610	68105	Silver	1	0.134	0.134
12784	68105	Silver	1	1	1
12864	68105	Silver	1	0.615	0.615
12875	68105	Silver	1	0.515	0.515
12886	68105	Silver	1	0.52	0.52
12964	68105	Silver	1	1	1
12995	68105	Silver	1	1	1
13069	68105	Silver	1	1	1
13073	68105	Silver	1	0.58	0.58
13092	68105	Silver	1	0.57	0.57
13166	68105	Silver	1	1	1
13185	68105	Silver	1	0.56	0.56
13187	68105	Silver	1	1.05	1.05
13191	68105	Silver	1	1	1
13204	68105	Silver	1	1	1
13209	68105	Silver	1	1	1
13237	68105	Silver	1	0.59	0.59
13240	68105	Silver	1	1	1
13245	68105	Silver	1	1	1
13248	68105	Silver	1	0.55	0.55
13273	68105	Silver	1	0.545	0.545
13283	68105	Silver	1	0.505	0.505
13322	68105	Silver	1	0.78	0.78
13336	68105	Silver	1	0.63	0.63
13370	68105	Silver	1	0.655	0.655

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13381	68105	Silver	1	1.05	1.05
13389	68105	Silver	1	1	1
13403	68105	Silver	1	1	1
13437	68105	Silver	1	1.05	1.05
13438	68105	Silver	1	0.515	0.515
13460	68105	Silver	1	1	1
13476	68105	Silver	1	0.545	0.545
13573	68105	Silver	1	1	1
13577	68105	Silver	1	1	1
13611	68105	Silver	1	1	1
13656	68105	Silver	1	0.585	0.585
13690	68105	Silver	1	1	1
13731	68105	Silver	1	1	1
13735	68105	Silver	1	1	1
13741	68105	Silver	1	1	1
13745	68105	Silver	1	1	1
13779	68105	Silver	1	0.53	0.53
13790	68105	Silver	1	0.55	0.55
13791	68105	Silver	1	1	1
13793	68105	Silver	1	1	1
13851	68105	Silver	1	0.565	0.565
13863	68105	Silver	1	1	1
13869	68105	Silver	1	0.56	0.56
13871	68105	Silver	1	1	1
13880	68105	Silver	1	0.555	0.555
13918	68105	Silver	1	1	1
13919	68105	Silver	1	0.6	0.6
13935	68105	Silver	1	1	1
13984	68105	Silver	1	1	1
14003	68105	Silver	1	1	1
14024	68105	Silver	1	1	1
14050	68105	Silver	1	1	1
14063	68105	Silver	1	1	1
14080	68105	Silver	1	0.6	0.6
14098	68105	Silver	1	1	1
14199	68105	Silver	1	1	1
14238	68105	Silver	1	1	1
14322	68105	Silver	1	1	1
14326	68105	Silver	1	1	1
14341	68105	Silver	1	0.65	0.65
14407	68105	Silver	1	0.705	0.705
14410	68105	Silver	1	1	1
14460	68105	Silver	1	1	1
14492	68105	Silver	1	0.545	0.545
14525	68105	Silver	1	0.57	0.57
14528	68105	Silver	1	1	1
14536	68105	Silver	1	0.59	0.59

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14544	68105	Silver	1	1.05	1.05
14556	68105	Silver	1	1	1
14557	68105	Silver	1	0.5	0.5
14577	68105	Silver	1	1.1	1.1
14602	68105	Silver	1	1	1
14647	68105	Silver	1	0.595	0.595
14656	68105	Silver	1	1.1	1.1
14688	68105	Silver	1	1	1
14718	68105	Silver	1	1	1
14739	68105	Silver	1	0.55	0.55
14752	68105	Silver	1	1	1
14780	68105	Silver	1	1	1
14817	68105	Silver	1	0.58	0.58
14823	68105	Silver	1	1	1
14860	68105	Silver	1	1	1
14885	68105	Silver	1	1	1
14913	68105	Silver	1	1	1
14959	68105	Silver	1	1	1
14964	68105	Silver	1	0.555	0.555
14976	68105	Silver	1	1.05	1.05
14992	68105	Silver	1	1	1
15003	68105	Silver	1	1	1
15044	68105	Silver	1	1	1
15045	68105	Silver	1	1	1
15058	68105	Silver	1	1	1
15060	68105	Silver	1	1	1
15091	68105	Silver	1	0.95	0.95
15106	68105	Silver	1	1	1
15166	68105	Silver	1	1	1
15227	68105	Silver	1	0.545	0.545
15231	68105	Silver	1	0.525	0.525
15255	68105	Silver	1	1	1
15278	68105	Silver	1	0.51	0.51
15279	68105	Silver	1	0.62	0.62
15292	68105	Silver	1	0.585	0.585
15299	68105	Silver	1	0.525	0.525
15308	68105	Silver	1	1	1
15317	68105	Silver	1	0.565	0.565
15329	68105	Silver	1	0.52	0.52
15336	68105	Silver	1	0.487	0.487
15348	68105	Silver	1	1	1
15363	68105	Silver	1	1	1
15372	68105	Silver	1	1	1
15416	68105	Silver	2	0.78	1
15496	68105	Silver	1	1	1
15519	68105	Silver	1	1	1
15526	68105	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15577	68105	Silver	1	1	1
15587	68105	Silver	1	0.55	0.55
15611	68105	Silver	1	1.15	1.15
15651	68105	Silver	1	1	1
15686	68105	Silver	1	1	1
15695	68105	Silver	1	1	1
15728	68105	Silver	1	1.05	1.05
15801	68105	Silver	1	1	1
15835	68105	Silver	1	0.54	0.54
15842	68105	Silver	1	1	1
15871	68105	Silver	1	1	1
15891	68105	Silver	1	1.15	1.15
15918	68105	Silver	1	1	1
15959	68105	Silver	1	1	1
15985	68105	Silver	1	1.1	1.1
15988	68105	Silver	1	0.635	0.635
16027	68105	Silver	1	1	1
16072	68105	Silver	1	1.05	1.05
16094	68105	Silver	1	1	1
16098	68105	Silver	1	1	1
16123	68105	Silver	1	1	1
16155	68105	Silver	1	1.05	1.05
16169	68105	Silver	1	1	1
16182	68105	Silver	1	1	1
16186	68105	Silver	1	0.58	0.58
16230	68105	Silver	1	0.565	0.565
16236	68105	Silver	1	1	1
16243	68105	Silver	1	1	1
16271	68105	Silver	1	1.05	1.05
16308	68105	Silver	1	1.05	1.05
16309	68105	Silver	1	1	1
16321	68105	Silver	1	0.61	0.61
16333	68105	Silver	1	1	1
16364	68105	Silver	1	0.515	0.515
16365	68105	Silver	1	1	1
16384	68105	Silver	1	1	1
16395	68105	Silver	1	1	1
16420	68105	Silver	1	0.56	0.56
16472	68105	Silver	1	1	1
16473	68105	Silver	1	0.54	0.54
16478	68105	Silver	1	0.59	0.59
16486	68105	Silver	1	1	1
16499	68105	Silver	1	1	1
16545	68105	Silver	1	1	1
16572	68105	Silver	1	0.535	0.535
16589	68105	Silver	1	1.05	1.05
16618	68105	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16646	68105	Silver	1	2.44	2.44
16668	68105	Silver	1	0.52	0.52
16749	68105	Silver	1	1	1
16772	68105	Silver	1	1	1
16777	68105	Silver	1	0.54	0.54
16793	68105	Silver	1	1.05	1.05
16851	68105	Silver	1	1	1
16866	68105	Silver	1	1	1
16869	68105	Silver	1	1	1
16889	68105	Silver	1	1	1
16893	68105	Silver	1	1	1
16922	68105	Silver	1	1	1
16928	68105	Silver	1	1	1
16946	68105	Silver	1	1	1
16963	68105	Silver	1	1	1
16974	68105	Silver	1	1	1
17040	68105	Silver	1	1	1
17055	68105	Silver	1	0.575	0.575
17065	68105	Silver	1	0.6	0.6
17076	68105	Silver	1	1	1
17097	68105	Silver	1	1	1
17108	68105	Silver	1	0.95	0.95
17142	68105	Silver	1	1	1
17179	68105	Silver	1	0.67	0.67
17198	68105	Silver	1	0.53	0.53
17199	68105	Silver	1	1	1
17270	68105	Silver	1	1	1
17298	68105	Silver	1	1	1
17300	68105	Silver	1	1	1
17348	68105	Silver	1	1	1
17374	68105	Silver	1	1.2	1.2
17379	68105	Silver	1	0.61	0.61
17542	68105	Silver	1	1	1
17557	68105	Silver	1	0.615	0.615
17719	68105	Silver	1	0.68	0.68
17725	68105	Silver	1	1	1
17745	68105	Silver	1	0.575	0.575
17753	68105	Silver	1	1	1
17802	68105	Silver	1	1	1
17803	68105	Silver	1	0.51	0.51
17827	68105	Silver	1	0.57	0.57
17876	68105	Silver	1	1	1
17899	68105	Silver	1	0.4925	0.4925
17918	68105	Silver	1	1	1
17934	68105	Silver	1	0.585	0.585
17935	68105	Silver	1	0.52	0.52
18036	68105	Silver	1	0.585	0.585

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18133	68105	Silver	1	1	1
18147	68105	Silver	1	1	1
18177	68105	Silver	1	0.488	0.488
18187	68105	Silver	1	1	1
18189	68105	Silver	1	1	1
18281	68105	Silver	1	0.57	0.57
18321	68105	Silver	1	0.565	0.565
18349	68105	Silver	1	1	1
18452	68105	Silver	1	1	1
18453	68105	Silver	1	1	1
18469	68105	Silver	1	0.61	0.61
18499	68105	Silver	1	0.57	0.57
18561	68105	Silver	1	1	1
18573	68105	Silver	1	1	1
18598	68105	Silver	1	1	1
18610	68105	Silver	1	1	1
18654	68105	Silver	1	1	1
18661	68105	Silver	1	0.505	0.505
18673	68105	Silver	1	0.585	0.585
18676	68105	Silver	1	1	1
18693	68105	Silver	1	1.15	1.15
18757	68105	Silver	1	1	1
18787	68105	Silver	1	1	1
18797	68105	Silver	1	1	1
18825	68105	Silver	1	1	1
18839	68105	Silver	1	0.515	0.515
18871	68105	Silver	1	0.5	0.5
18882	68105	Silver	1	1	1
18898	68105	Silver	1	0.535	0.535
18927	68105	Silver	1	0.52	0.52
18934	68105	Silver	1	0.59	0.59
19015	68105	Silver	1	1	1
19028	68105	Silver	1	0.64	0.64
19127	68105	Silver	1	0.53	0.53
19129	68105	Silver	1	1	1
19169	68105	Silver	1	1	1
19288	68105	Silver	1	1.05	1.05
19310	68105	Silver	1	1	1
19334	68105	Silver	1	0.4985	0.4985
19344	68105	Silver	1	1	1
19448	68105	Silver	1	1	1
19485	68105	Silver	1	0.525	0.525
19489	68105	Silver	1	1.05	1.05
19496	68105	Silver	1	0.59	0.59
19561	68105	Silver	1	1	1
19602	68105	Silver	1	1	1
19612	68105	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19655	68105	Silver	1	1.15	1.15
19671	68105	Silver	1	0.535	0.535
19676	68105	Silver	1	1	1
19728	68105	Silver	1	0.525	0.525
19729	68105	Silver	1	1	1
19768	68105	Silver	1	1	1
19787	68105	Silver	1	1.95	1.95
19791	68105	Silver	1	0.565	0.565
19812	68105	Silver	1	0.61	0.61
19831	68105	Silver	1	1	1
19839	68105	Silver	1	1	1
19858	68105	Silver	1	1	1
19864	68105	Silver	1	1	1
19915	68105	Silver	1	0.59	0.59
19923	68105	Silver	1	1	1
19932	68105	Silver	1	0.515	0.515
19938	68105	Silver	1	1	1
19972	68105	Silver	1	1	1
19976	68105	Silver	1	1	1
19987	68105	Silver	1	1	1
20069	68105	Silver	1	1	1
20080	68105	Silver	1	1	1
20105	68105	Silver	1	1	1
20110	68105	Silver	1	1	1
20128	68105	Silver	1	1	1
20170	68105	Silver	1	1	1
20218	68105	Silver	1	0.555	0.555
20236	68105	Silver	1	1	1
20313	68105	Silver	1	1	1
20315	68105	Silver	1	1	1
20342	68105	Silver	1	1	1
20420	68105	Silver	1	1.1	1.1
20426	68105	Silver	1	0.51	0.51
20452	68105	Silver	1	1	1
20470	68105	Silver	1	0.61	0.61
20471	68105	Silver	1	0.595	0.595
20477	68105	Silver	1	0.525	0.525
20506	68105	Silver	1	1	1
20510	68105	Silver	1	1	1
20535	68105	Silver	1	1	1
20545	68105	Silver	1	1	1
20557	68105	Silver	1	0.51	0.51
20584	68105	Silver	1	0.6	0.6
20590	68105	Silver	1	0.545	0.545
20603	68105	Silver	1	0.515	0.515
20610	68105	Silver	1	0.54	0.54
20612	68105	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20656	68105	Silver	1	1	1
20674	68105	Silver	1	1	1
20685	68105	Silver	1	1	1
20702	68105	Silver	1	1	1
20759	68105	Silver	1	1.1	1.1
20777	68105	Silver	1	0.595	0.595
20823	68105	Silver	1	1	1
20845	68105	Silver	1	0.95	0.95
20856	68105	Silver	1	0.535	0.535
20883	68105	Silver	1	1	1
20908	68105	Silver	1	1.05	1.05
20925	68105	Silver	1	1.15	1.15
20945	68105	Silver	1	1	1
20961	68105	Silver	1	0.6	0.6
20964	68105	Silver	1	1	1
21005	68105	Silver	1	0.54	0.54
21012	68105	Silver	1	1.1	1.1
21019	68105	Silver	1	0.525	0.525
21053	68105	Silver	1	0.59	0.59
21064	68105	Silver	1	1	1
21068	68105	Silver	1	0.64	0.64
21079	68105	Silver	1	1	1
21097	68105	Silver	1	0.63	0.63
21110	68105	Silver	1	0.6	0.6
21136	68105	Silver	1	1	1
21143	68105	Silver	1	1	1
21148	68105	Silver	1	1	1
21150	68105	Silver	1	1	1
21265	68105	Silver	1	1	1
21268	68105	Silver	1	1	1
21283	68105	Silver	1	0.57	0.57
21309	68105	Silver	1	0.555	0.555
21336	68105	Silver	1	0.545	0.545
21355	68105	Silver	1	0.58	0.58
21390	68105	Silver	1	1	1
21394	68105	Silver	1	0.62	0.62
21436	68105	Silver	1	1	1
21454	68105	Silver	1	1	1
21490	68105	Silver	1	0.53	0.53
21498	68105	Silver	1	1	1
21513	68105	Silver	1	1	1
21535	68105	Silver	1	0.565	0.565
21551	68105	Silver	1	1	1
21560	68105	Silver	1	0.59	0.59
21565	68105	Silver	1	0.95	0.95
21578	68105	Silver	1	1	1
21609	68105	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21614	68105	Silver	1	0.6	0.6
21625	68105	Silver	1	1	1
21653	68105	Silver	1	0.51	0.51
21677	68105	Silver	1	1	1
21689	68105	Silver	1	1.05	1.05
21705	68105	Silver	1	0.525	0.525
21714	68105	Silver	1	0.55	0.55
21720	68105	Silver	1	0.57	0.57
21724	68105	Silver	1	0.515	0.515
21730	68105	Silver	1	1.05	1.05
21744	68105	Silver	1	1.1	1.1
21811	68105	Silver	1	1	1
21815	68105	Silver	1	1	1
21822	68105	Silver	1	1.05	1.05
21836	68105	Silver	1	1	1
21881	68105	Silver	1	0.58	0.58
21884	68105	Silver	1	1	1
21901	68105	Silver	1	0.54	0.54
21916	68105	Silver	1	0.625	0.625
21925	68105	Silver	1	0.52	0.52
21941	68105	Silver	1	0.545	0.545
21956	68105	Silver	1	1	1
21981	68105	Silver	1	1.05	1.05
21985	68105	Silver	1	1	1
21989	68105	Silver	1	0.6	0.6
22006	68105	Silver	1	0.585	0.585
22013	68105	Silver	1	1	1
22024	68105	Silver	1	0.57	0.57
22025	68105	Silver	1	1.15	1.15
22027	68105	Silver	1	1	1
22034	68105	Silver	1	1.1	1.1
22036	68105	Silver	1	1	1
22039	68105	Silver	1	1	1
22044	68105	Silver	1	1	1
22046	68105	Silver	1	0.575	0.575
22056	68105	Silver	1	1	1
22061	68105	Silver	1	1	1
22074	68105	Silver	1	1	1
22079	68105	Silver	1	1	1
22080	68105	Silver	1	1	1
22177	68105	Silver	1	1	1
22181	68105	Silver	1	0.55	0.55
22183	68105	Silver	1	0.545	0.545
22230	68105	Silver	1	1	1
22273	68105	Silver	1	1	1
22295	68105	Silver	1	1	1
22320	68105	Silver	1	0.525	0.525

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22344	68105	Silver	1	1	1
22358	68105	Silver	1	1	1
22386	68105	Silver	1	1	1
22399	68105	Silver	1	1	1
22405	68105	Silver	1	0.55	0.55
22453	68105	Silver	1	0.52	0.52
22563	68105	Silver	1	0.605	0.605
22574	68105	Silver	1	1	1
22636	68105	Silver	1	1	1
22715	68105	Silver	1	1.05	1.05
22716	68105	Silver	1	1.1	1.1
22754	68105	Silver	1	1	1
22772	68105	Silver	1	0.655	0.655
22832	68105	Silver	1	0.53	0.53
49272	68105	Silver	1	0.515	0.515
49289	68105	Silver	1	1	1
50528	68105	Silver	1	0.53	0.53
50574	68105	Silver	1	1	1
90427	68105	Silver	1	1.2	1.2
93120	68105	Silver	1	1.05	1.05
93354	68105	Silver	1	1.05	1.05
93358	68105	Silver	1	1.05	1.05
93364	68105	Silver	1	1.05	1.05
93381	68105	Silver	1	1	1
51011	68106	Silver	1	1.05	1.05
51029	68106	Silver	1	0.52	0.52
51034	68106	Silver	1	0.605	0.605
51037	68106	Silver	1	0.58	0.58
51041	68106	Silver	1	1	1
51046	68106	Silver	1	0.585	0.585
51047	68106	Silver	1	1	1
51052	68106	Silver	1	1	1
51058	68106	Silver	1	1	1
51064	68106	Silver	1	1	1
51065	68106	Silver	1	1	1
51079	68106	Silver	1	0.565	0.565
51080	68106	Silver	1	1	1
51082	68106	Silver	1	1	1
51089	68106	Silver	1	1.2	1.2
51093	68106	Silver	1	0.575	0.575
51101	68106	Silver	1	0.6	0.6
51102	68106	Silver	1	0.57	0.57
51113	68106	Silver	1	1	1
51116	68106	Silver	1	1	1
51118	68106	Silver	1	0.95	0.95
51120	68106	Silver	1	1	1
51123	68106	Silver	1	0.57	0.57

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51126	68106	Silver	1	1.05	1.05
51127	68106	Silver	1	0.585	0.585
51132	68106	Silver	1	0.6	0.6
51133	68106	Silver	1	0.515	0.515
51143	68106	Silver	1	0.595	0.595
51155	68106	Silver	1	0.585	0.585
51158	68106	Silver	1	1	1
51160	68106	Silver	1	0.58	0.58
51162	68106	Silver	1	0.86	0.86
51184	68106	Silver	1	0.545	0.545
2030	68107	Silver	1	1	1
2038	68107	Silver	1	1	1
2056	68107	Silver	1	1.05	1.05
2104	68107	Silver	1	1	1
2124	68107	Silver	1	1	1
2167	68107	Silver	1	1	1
2206	68107	Silver	1	1	1
2220	68107	Silver	1	1.05	1.05
2252	68107	Silver	1	1	1
2273	68107	Silver	1	1	1
2292	68107	Silver	1	0.295	0.295
2496	68107	Silver	1	0.555	0.555
2499	68107	Silver	1	0.585	0.585
3003	68107	Silver	1	1	1
3021	68107	Silver	1	1	1
3074	68107	Silver	1	0.701	0.701
3121	68107	Silver	1	0.399	0.399
5066	68107	Silver	1	1	1
5076	68107	Silver	1	1	1
5130	68107	Silver	1	1	1
5157	68107	Silver	1	1	1
5159	68107	Silver	1	1	1
5161	68107	Silver	1	1	1
5163	68107	Silver	1	1	1
5165	68107	Silver	1	1	1
5166	68107	Silver	1	1	1
5172	68107	Silver	1	1	1
5176	68107	Silver	1	1	1
5178	68107	Silver	1	1	1
5180	68107	Silver	1	1	1
5182	68107	Silver	1	1	1
5183	68107	Silver	1	1	1
5185	68107	Silver	1	1	1
5211	68107	Silver	1	1	1
5212	68107	Silver	1	1	1
10008	68107	Silver	1	1	1
10018	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10044	68107	Silver	1	0.565	0.565
10046	68107	Silver	1	1.2	1.2
10072	68107	Silver	1	1	1
10073	68107	Silver	1	1	1
10088	68107	Silver	1	1	1
10095	68107	Silver	1	1	1
10111	68107	Silver	1	0.6	0.6
10130	68107	Silver	1	1	1
10134	68107	Silver	1	1	1
10214	68107	Silver	1	0.54	0.54
10241	68107	Silver	1	1	1
10290	68107	Silver	1	0.585	0.585
10295	68107	Silver	1	1	1
10299	68107	Silver	1	1	1
10310	68107	Silver	1	1	1
10328	68107	Silver	1	1	1
10329	68107	Silver	1	1	1
10387	68107	Silver	1	1	1
10401	68107	Silver	2	1	1
10403	68107	Silver	1	0.585	0.585
10425	68107	Silver	1	0.59	0.59
10432	68107	Silver	1	1	1
10455	68107	Silver	1	1	1
10458	68107	Silver	1	1	1
10468	68107	Silver	1	1	1
10471	68107	Silver	1	0.52	0.52
10484	68107	Silver	1	1	1
10492	68107	Silver	1	1	1
10500	68107	Silver	1	0.535	0.535
10508	68107	Silver	1	0.52	0.52
10513	68107	Silver	1	1	1
10538	68107	Silver	1	1	1
10543	68107	Silver	1	1	1
10548	68107	Silver	1	1	1
10578	68107	Silver	1	0.575	0.575
10582	68107	Silver	1	1	1
10622	68107	Silver	1	1	1
10633	68107	Silver	1	1	1
10650	68107	Silver	1	0.58	0.58
10654	68107	Silver	1	1	1
10662	68107	Silver	1	0.51	0.51
10670	68107	Silver	1	1	1
10687	68107	Silver	1	1	1
10707	68107	Silver	1	1	1
10720	68107	Silver	1	1	1
10735	68107	Silver	1	1.05	1.05
10738	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10794	68107	Silver	1	0.59	0.59
10814	68107	Silver	1	1	1
10822	68107	Silver	1	1	1
10831	68107	Silver	1	1	1
10834	68107	Silver	1	1	1
10842	68107	Silver	1	1	1
10848	68107	Silver	1	0.525	0.525
10858	68107	Silver	1	1	1
10860	68107	Silver	1	0.58	0.58
10870	68107	Silver	1	1	1
10876	68107	Silver	1	1.1	1.1
10877	68107	Silver	1	0.605	0.605
10880	68107	Silver	1	1.05	1.05
10895	68107	Silver	1	1	1
10909	68107	Silver	1	0.54	0.54
10914	68107	Silver	1	0.53	0.53
10920	68107	Silver	1	0.585	0.585
10925	68107	Silver	1	1	1
10931	68107	Silver	1	0.51	0.51
10938	68107	Silver	1	0.515	0.515
10944	68107	Silver	1	0.52	0.52
10947	68107	Silver	1	1	1
10950	68107	Silver	1	1	1
10965	68107	Silver	1	1	1
10970	68107	Silver	1	1	1
10990	68107	Silver	1	1	1
10991	68107	Silver	1	0.59	0.59
11036	68107	Silver	1	0.545	0.545
11069	68107	Silver	1	1	1
11070	68107	Silver	1	1	1
11082	68107	Silver	1	1	1
11094	68107	Silver	1	1	1
11107	68107	Silver	1	1	1
11118	68107	Silver	1	2.41	2.41
11142	68107	Silver	1	1	1
11155	68107	Silver	1	1	1
11172	68107	Silver	1	1	1
11179	68107	Silver	1	1	1
11191	68107	Silver	1	0.575	0.575
11194	68107	Silver	1	1	1
11203	68107	Silver	1	1.1	1.1
11208	68107	Silver	1	1	1
11222	68107	Silver	1	1	1
11230	68107	Silver	1	0.605	0.605
11232	68107	Silver	1	1	1
11233	68107	Silver	1	1	1
11246	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11258	68107	Silver	1	0.625	0.625
11268	68107	Silver	1	1	1
11272	68107	Silver	1	0.5	0.5
11283	68107	Silver	1	0.565	0.565
11303	68107	Silver	1	1	1
11309	68107	Silver	1	1	1
11312	68107	Silver	1	1	1
11321	68107	Silver	1	0.53	0.53
11343	68107	Silver	1	1	1
11349	68107	Silver	1	0.52	0.52
11367	68107	Silver	1	0.6	0.6
11372	68107	Silver	1	1	1
11385	68107	Silver	1	1.1	1.1
11387	68107	Silver	1	1	1
11400	68107	Silver	1	1	1
11403	68107	Silver	1	0.52	0.52
11408	68107	Silver	1	1.15	1.15
11410	68107	Silver	1	1	1
11416	68107	Silver	1	1	1
11423	68107	Silver	1	1	1
11439	68107	Silver	1	0.59	0.59
11444	68107	Silver	1	0.53	0.53
11449	68107	Silver	1	1	1
11465	68107	Silver	1	1	1
11469	68107	Silver	1	0.59	0.59
11491	68107	Silver	1	0.555	0.555
11494	68107	Silver	1	1	1
11523	68107	Silver	1	1	1
11552	68107	Silver	1	0.605	0.605
11558	68107	Silver	1	1	1
11568	68107	Silver	1	0.95	0.95
11599	68107	Silver	1	1	1
11601	68107	Silver	1	1.15	1.15
11603	68107	Silver	1	1.05	1.05
11604	68107	Silver	1	1	1
11609	68107	Silver	1	1	1
11614	68107	Silver	1	1.1	1.1
11661	68107	Silver	1	1	1
11686	68107	Silver	1	1	1
11711	68107	Silver	1	0.545	0.545
11741	68107	Silver	1	1	1
11754	68107	Silver	1	1	1
11765	68107	Silver	1	1	1
11777	68107	Silver	1	0.59	0.59
11807	68107	Silver	1	0.467	0.467
11829	68107	Silver	1	1	1
11842	68107	Silver	1	0.54	0.54

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11865	68107	Silver	1	1	1
11894	68107	Silver	1	0.535	0.535
11902	68107	Silver	1	1.1	1.1
11910	68107	Silver	1	1	1
11941	68107	Silver	1	0.645	0.645
11960	68107	Silver	1	1	1
11982	68107	Silver	1	1.15	1.15
12002	68107	Silver	1	1	1
12009	68107	Silver	1	1	1
12012	68107	Silver	1	1	1
12037	68107	Silver	1	1	1
12047	68107	Silver	1	1.1	1.1
12086	68107	Silver	1	0.95	0.95
12114	68107	Silver	1	1	1
12116	68107	Silver	1	0.62	0.62
12118	68107	Silver	1	1	1
12124	68107	Silver	1	0.585	0.585
12126	68107	Silver	1	1	1
12152	68107	Silver	1	1	1
12166	68107	Silver	1	0.615	0.615
12194	68107	Silver	1	0.58	0.58
12206	68107	Silver	1	0.55	0.55
12220	68107	Silver	1	0.545	0.545
12227	68107	Silver	2	1	1
12239	68107	Silver	1	1	1
12290	68107	Silver	1	0.505	0.505
12296	68107	Silver	1	0.59	0.59
12338	68107	Silver	1	1.05	1.05
12344	68107	Silver	1	0.6	0.6
12351	68107	Silver	1	1	1
12372	68107	Silver	1	1	1
12388	68107	Silver	1	0.58	0.58
12407	68107	Silver	1	1	1
12410	68107	Silver	1	1	1
12414	68107	Silver	1	1	1
12424	68107	Silver	1	1	1
12439	68107	Silver	1	1	1
12449	68107	Silver	1	0.515	0.515
12457	68107	Silver	1	1.25	1.25
12506	68107	Silver	1	0.645	0.645
12514	68107	Silver	1	1	1
12529	68107	Silver	1	1	1
12530	68107	Silver	1	1	1
12547	68107	Silver	1	1	1
12551	68107	Silver	1	1	1
12567	68107	Silver	1	1.1	1.1
12572	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12588	68107	Silver	1	1	1
12590	68107	Silver	1	0.55	0.55
12605	68107	Silver	1	0.545	0.545
12644	68107	Silver	1	0.54	0.54
12667	68107	Silver	1	0.52	0.52
12714	68107	Silver	1	0.56	0.56
12729	68107	Silver	1	1	1
12741	68107	Silver	1	1	1
12755	68107	Silver	1	0.4965	0.4965
12761	68107	Silver	1	0.61	0.61
12794	68107	Silver	1	1	1
12830	68107	Silver	1	0.55	0.55
12848	68107	Silver	1	0.59	0.59
12858	68107	Silver	1	0.56	0.56
12871	68107	Silver	1	1.05	1.05
13038	68107	Silver	1	1.15	1.15
13045	68107	Silver	1	0.59	0.59
43676	68107	Silver	1	1	1
43691	68107	Silver	1	1	1
43698	68107	Silver	1	0.56	0.56
43703	68107	Silver	1	1	1
43711	68107	Silver	1	0.595	0.595
43729	68107	Silver	1	0.51	0.51
43736	68107	Silver	1	1	1
43744	68107	Silver	1	0.575	0.575
43746	68107	Silver	1	0.565	0.565
43771	68107	Silver	1	0.61	0.61
43790	68107	Silver	1	0.6	0.6
43793	68107	Silver	1	1.25	1.25
43800	68107	Silver	1	1	1
43813	68107	Silver	1	0.595	0.595
43843	68107	Silver	1	1.05	1.05
43853	68107	Silver	1	0.545	0.545
43869	68107	Silver	1	1.05	1.05
43874	68107	Silver	1	0.52	0.52
43892	68107	Silver	1	1	1
43912	68107	Silver	1	0.575	0.575
43933	68107	Silver	1	0.64	0.64
43942	68107	Silver	1	0.54	0.54
43945	68107	Silver	1	0.535	0.535
43949	68107	Silver	1	1	1
43962	68107	Silver	1	0.53	0.53
43978	68107	Silver	1	1	1
44002	68107	Silver	1	0.4925	0.4925
44025	68107	Silver	1	1	1
44037	68107	Silver	1	0.56	0.56
44047	68107	Silver	1	0.58	0.58

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44063	68107	Silver	1	0.6	0.6
44066	68107	Silver	1	1	1
44076	68107	Silver	1	0.53	0.53
44104	68107	Silver	1	1	1
44107	68107	Silver	1	1	1
44112	68107	Silver	1	0.53	0.53
44127	68107	Silver	1	0.565	0.565
44130	68107	Silver	1	1.15	1.15
44133	68107	Silver	1	1.3	1.3
44137	68107	Silver	1	1	1
44145	68107	Silver	1	0.54	0.54
44153	68107	Silver	1	1	1
44157	68107	Silver	1	0.58	0.58
44177	68107	Silver	1	0.605	0.605
44184	68107	Silver	1	0.95	0.95
44185	68107	Silver	1	0.4825	0.4825
44198	68107	Silver	1	1	1
44202	68107	Silver	1	1.1	1.1
44220	68107	Silver	1	0.575	0.575
44225	68107	Silver	1	1.1	1.1
44233	68107	Silver	1	0.535	0.535
44236	68107	Silver	1	1	1
44237	68107	Silver	1	0.555	0.555
44248	68107	Silver	1	1	1
44299	68107	Silver	1	1	1
44319	68107	Silver	1	1	1
44348	68107	Silver	1	0.54	0.54
44416	68107	Silver	1	1	1
44446	68107	Silver	1	1	1
44452	68107	Silver	1	0.565	0.565
44455	68107	Silver	1	1	1
44456	68107	Silver	1	0.55	0.55
44465	68107	Silver	1	0.595	0.595
44475	68107	Silver	1	1	1
44482	68107	Silver	1	1	1
44483	68107	Silver	1	1	1
44490	68107	Silver	1	1	1
44503	68107	Silver	1	0.595	0.595
44507	68107	Silver	1	1	1
44508	68107	Silver	1	1	1
44519	68107	Silver	1	0.615	0.615
44526	68107	Silver	1	1	1
44528	68107	Silver	1	1	1
44529	68107	Silver	1	0.55	0.55
44531	68107	Silver	1	1	1
44536	68107	Silver	1	1	1
44539	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44546	68107	Silver	1	1.05	1.05
44549	68107	Silver	1	0.56	0.56
44556	68107	Silver	1	1.05	1.05
44567	68107	Silver	1	0.55	0.55
44578	68107	Silver	1	0.545	0.545
44581	68107	Silver	1	0.565	0.565
44589	68107	Silver	1	1	1
44590	68107	Silver	1	0.52	0.52
44592	68107	Silver	1	0.575	0.575
44597	68107	Silver	1	1.15	1.15
44617	68107	Silver	1	1	1
44619	68107	Silver	1	0.54	0.54
44623	68107	Silver	1	0.555	0.555
44626	68107	Silver	1	1	1
44636	68107	Silver	1	1.1	1.1
44640	68107	Silver	1	0.56	0.56
44644	68107	Silver	1	0.53	0.53
44668	68107	Silver	1	0.555	0.555
44700	68107	Silver	1	0.58	0.58
44711	68107	Silver	1	1	1
44725	68107	Silver	1	1.1	1.1
44727	68107	Silver	1	0.605	0.605
44738	68107	Silver	1	0.615	0.615
44740	68107	Silver	1	1	1
44741	68107	Silver	1	1	1
44747	68107	Silver	1	1	1
44753	68107	Silver	1	0.57	0.57
44755	68107	Silver	1	0.585	0.585
44756	68107	Silver	1	0.52	0.52
44768	68107	Silver	1	0.545	0.545
44790	68107	Silver	1	0.55	0.55
44798	68107	Silver	1	0.525	0.525
44810	68107	Silver	1	0.525	0.525
44814	68107	Silver	1	0.555	0.555
44822	68107	Silver	1	1	1
44854	68107	Silver	1	0.53	0.53
44857	68107	Silver	1	0.575	0.575
44869	68107	Silver	1	0.595	0.595
44877	68107	Silver	1	0.54	0.54
44902	68107	Silver	1	0.58	0.58
44923	68107	Silver	1	1	1
44927	68107	Silver	1	0.56	0.56
44935	68107	Silver	1	0.56	0.56
44939	68107	Silver	1	0.535	0.535
44943	68107	Silver	1	0.545	0.545
44955	68107	Silver	1	0.55	0.55
44959	68107	Silver	1	0.595	0.595

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44969	68107	Silver	1	0.665	0.665
44979	68107	Silver	1	0.575	0.575
44980	68107	Silver	1	0.52	0.52
44984	68107	Silver	1	1.1	1.1
44987	68107	Silver	1	0.52	0.52
44996	68107	Silver	1	0.57	0.57
45004	68107	Silver	1	0.57	0.57
45005	68107	Silver	1	1	1
45018	68107	Silver	1	0.535	0.535
45020	68107	Silver	1	1.1	1.1
45023	68107	Silver	1	0.61	0.61
45034	68107	Silver	1	0.605	0.605
45044	68107	Silver	1	1	1
45056	68107	Silver	1	1	1
45072	68107	Silver	1	1	1
45073	68107	Silver	1	0.555	0.555
45077	68107	Silver	1	1	1
45078	68107	Silver	1	1	1
45084	68107	Silver	1	0.545	0.545
45118	68107	Silver	1	0.56	0.56
45147	68107	Silver	1	0.59	0.59
45150	68107	Silver	1	1.05	1.05
45156	68107	Silver	1	1	1
45166	68107	Silver	1	0.555	0.555
45167	68107	Silver	1	0.615	0.615
45183	68107	Silver	1	0.95	0.95
45188	68107	Silver	1	1	1
45195	68107	Silver	1	0.53	0.53
45199	68107	Silver	1	1	1
45206	68107	Silver	1	1	1
45213	68107	Silver	1	0.545	0.545
45223	68107	Silver	1	0.555	0.555
45227	68107	Silver	1	0.545	0.545
45236	68107	Silver	1	1	1
45244	68107	Silver	1	0.55	0.55
45259	68107	Silver	1	0.55	0.55
45265	68107	Silver	1	0.53	0.53
45269	68107	Silver	1	0.615	0.615
45298	68107	Silver	1	0.625	0.625
45300	68107	Silver	1	1	1
45303	68107	Silver	1	1	1
45304	68107	Silver	1	1.1	1.1
45305	68107	Silver	1	0.535	0.535
45321	68107	Silver	1	1	1
45343	68107	Silver	1	0.535	0.535
45350	68107	Silver	1	1	1
45356	68107	Silver	1	0.52	0.52

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45364	68107	Silver	1	1	1
45370	68107	Silver	1	0.585	0.585
45390	68107	Silver	1	0.52	0.52
45393	68107	Silver	1	1	1
45404	68107	Silver	1	1.05	1.05
45411	68107	Silver	1	1	1
45423	68107	Silver	1	1	1
45424	68107	Silver	1	1	1
45447	68107	Silver	1	0.54	0.54
45458	68107	Silver	1	1	1
45460	68107	Silver	1	1	1
45475	68107	Silver	1	0.595	0.595
45484	68107	Silver	1	1	1
45487	68107	Silver	1	1	1
45494	68107	Silver	1	0.575	0.575
45495	68107	Silver	1	0.585	0.585
45503	68107	Silver	1	0.525	0.525
45530	68107	Silver	1	0.515	0.515
45533	68107	Silver	1	1.1	1.1
45564	68107	Silver	1	1	1
45566	68107	Silver	1	1	1
45574	68107	Silver	1	0.52	0.52
45584	68107	Silver	1	0.575	0.575
45608	68107	Silver	1	1	1
45609	68107	Silver	1	1	1
45624	68107	Silver	1	1	1
45626	68107	Silver	1	0.535	0.535
45645	68107	Silver	1	1	1
45646	68107	Silver	1	1	1
45648	68107	Silver	1	1	1
45662	68107	Silver	1	0.59	0.59
45663	68107	Silver	1	0.575	0.575
45678	68107	Silver	1	1	1
45698	68107	Silver	1	0.62	0.62
45724	68107	Silver	1	0.63	0.63
45725	68107	Silver	1	1	1
45728	68107	Silver	1	1	1
45739	68107	Silver	1	1	1
45741	68107	Silver	1	1.1	1.1
45747	68107	Silver	1	0.57	0.57
45764	68107	Silver	1	1	1
45767	68107	Silver	1	1	1
45770	68107	Silver	1	0.56	0.56
45786	68107	Silver	1	0.54	0.54
45787	68107	Silver	1	0.53	0.53
45789	68107	Silver	1	0.57	0.57
45811	68107	Silver	1	0.59	0.59

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45822	68107	Silver	1	1.05	1.05
45837	68107	Silver	1	0.545	0.545
45840	68107	Silver	1	1	1
45849	68107	Silver	1	1	1
45854	68107	Silver	1	0.63	0.63
45883	68107	Silver	1	1	1
45906	68107	Silver	1	0.55	0.55
45921	68107	Silver	1	1	1
45923	68107	Silver	1	0.62	0.62
45927	68107	Silver	1	1	1
45955	68107	Silver	1	0.57	0.57
45970	68107	Silver	1	1	1
45984	68107	Silver	1	0.585	0.585
45988	68107	Silver	1	1	1
45999	68107	Silver	1	1	1
46035	68107	Silver	1	1	1
46049	68107	Silver	1	1	1
46050	68107	Silver	1	0.62	0.62
46052	68107	Silver	1	1.15	1.15
46071	68107	Silver	1	1	1
46073	68107	Silver	1	0.53	0.53
46091	68107	Silver	1	0.585	0.585
46103	68107	Silver	1	1	1
46107	68107	Silver	1	1.05	1.05
46118	68107	Silver	1	0.57	0.57
46122	68107	Silver	1	0.95	0.95
46127	68107	Silver	1	1	1
46133	68107	Silver	1	0.575	0.575
46145	68107	Silver	1	0.525	0.525
46150	68107	Silver	1	0.57	0.57
46164	68107	Silver	1	1.05	1.05
46168	68107	Silver	1	1.15	1.15
46180	68107	Silver	1	0.57	0.57
46187	68107	Silver	1	0.58	0.58
46210	68107	Silver	1	0.55	0.55
46214	68107	Silver	1	0.95	0.95
46241	68107	Silver	1	0.53	0.53
46247	68107	Silver	1	1	1
46260	68107	Silver	1	0.57	0.57
46279	68107	Silver	1	1.05	1.05
46297	68107	Silver	1	0.52	0.52
46346	68107	Silver	1	1	1
46347	68107	Silver	1	1.05	1.05
46363	68107	Silver	1	1.15	1.15
46368	68107	Silver	1	0.55	0.55
46380	68107	Silver	1	0.58	0.58
46399	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46423	68107	Silver	1	1	1
46432	68107	Silver	1	0.58	0.58
46448	68107	Silver	1	1	1
46461	68107	Silver	1	1	1
46469	68107	Silver	1	0.58	0.58
46472	68107	Silver	1	0.565	0.565
46473	68107	Silver	1	0.59	0.59
46474	68107	Silver	1	1	1
46478	68107	Silver	1	1	1
46490	68107	Silver	1	0.53	0.53
46493	68107	Silver	1	1	1
46494	68107	Silver	1	1.05	1.05
46498	68107	Silver	1	1	1
46505	68107	Silver	1	0.585	0.585
46509	68107	Silver	1	1.05	1.05
46527	68107	Silver	1	0.54	0.54
46566	68107	Silver	1	0.575	0.575
46579	68107	Silver	1	1	1
46583	68107	Silver	1	0.575	0.575
46610	68107	Silver	1	1	1
46626	68107	Silver	1	1	1
46628	68107	Silver	1	1	1
46637	68107	Silver	1	1.1	1.1
46655	68107	Silver	1	0.545	0.545
46662	68107	Silver	1	0.545	0.545
46664	68107	Silver	1	0.525	0.525
46672	68107	Silver	1	0.51	0.51
46673	68107	Silver	1	1.1	1.1
46683	68107	Silver	1	0.58	0.58
46698	68107	Silver	1	0.53	0.53
46699	68107	Silver	1	1	1
46708	68107	Silver	1	1	1
46712	68107	Silver	1	0.515	0.515
46725	68107	Silver	1	0.52	0.52
46727	68107	Silver	1	0.95	0.95
46731	68107	Silver	1	0.55	0.55
46743	68107	Silver	1	1	1
46763	68107	Silver	1	0.535	0.535
46764	68107	Silver	1	0.535	0.535
46772	68107	Silver	1	1	1
46776	68107	Silver	1	0.505	0.505
46792	68107	Silver	1	0.505	0.505
46794	68107	Silver	1	0.515	0.515
46805	68107	Silver	1	1	1
46808	68107	Silver	1	1	1
46815	68107	Silver	1	1	1
46835	68107	Silver	1	0.478	0.478

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46852	68107	Silver	1	1	1
46857	68107	Silver	1	1	1
46864	68107	Silver	1	1	1
46867	68107	Silver	1	1	1
46893	68107	Silver	1	1.05	1.05
46916	68107	Silver	1	1	1
46919	68107	Silver	1	1	1
46934	68107	Silver	1	1	1
46954	68107	Silver	1	0.494	0.494
46964	68107	Silver	1	1.1	1.1
46976	68107	Silver	1	0.585	0.585
46994	68107	Silver	1	1	1
46998	68107	Silver	1	0.59	0.59
47021	68107	Silver	1	0.575	0.575
47030	68107	Silver	1	1	1
47038	68107	Silver	1	0.565	0.565
47046	68107	Silver	1	1	1
47047	68107	Silver	1	0.595	0.595
47052	68107	Silver	1	1	1
47058	68107	Silver	1	1	1
47088	68107	Silver	1	1	1
47090	68107	Silver	1	1	1
47106	68107	Silver	1	1	1
47139	68107	Silver	1	0.53	0.53
47140	68107	Silver	1	1	1
47147	68107	Silver	1	1	1
47148	68107	Silver	1	1	1
47149	68107	Silver	1	1.1	1.1
47163	68107	Silver	1	0.9	0.9
47172	68107	Silver	1	1	1
47179	68107	Silver	1	1	1
47181	68107	Silver	1	1.15	1.15
47196	68107	Silver	1	1.05	1.05
47203	68107	Silver	1	0.55	0.55
47206	68107	Silver	1	1	1
47215	68107	Silver	1	1	1
47216	68107	Silver	1	1.1	1.1
47217	68107	Silver	1	1	1
47218	68107	Silver	1	1	1
47223	68107	Silver	1	0.545	0.545
47249	68107	Silver	1	1	1
47250	68107	Silver	1	0.61	0.61
47259	68107	Silver	1	1	1
47274	68107	Silver	1	1	1
47275	68107	Silver	1	1	1
47279	68107	Silver	1	0.555	0.555
47291	68107	Silver	1	0.595	0.595

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47293	68107	Silver	1	1	1
47296	68107	Silver	1	1.05	1.05
47311	68107	Silver	1	1	1
47312	68107	Silver	1	0.525	0.525
47315	68107	Silver	1	0.58	0.58
47320	68107	Silver	1	1	1
47322	68107	Silver	1	1	1
47338	68107	Silver	1	0.555	0.555
47339	68107	Silver	1	1	1
47356	68107	Silver	1	1	1
47368	68107	Silver	1	1	1
47380	68107	Silver	1	0.59	0.59
47382	68107	Silver	1	1.05	1.05
47385	68107	Silver	1	0.54	0.54
47390	68107	Silver	1	0.565	0.565
47417	68107	Silver	1	1	1
47421	68107	Silver	1	1	1
47424	68107	Silver	1	1	1
47425	68107	Silver	1	0.56	0.56
47440	68107	Silver	1	1	1
47452	68107	Silver	1	1	1
47475	68107	Silver	1	0.535	0.535
47485	68107	Silver	1	1	1
47511	68107	Silver	1	0.525	0.525
47514	68107	Silver	1	0.605	0.605
47518	68107	Silver	1	0.62	0.62
47526	68107	Silver	1	0.477	0.477
47544	68107	Silver	1	1	1
47553	68107	Silver	1	1	1
47565	68107	Silver	1	0.59	0.59
47566	68107	Silver	1	1	1
47604	68107	Silver	1	1	1
47610	68107	Silver	1	0.66	0.66
47617	68107	Silver	1	0.585	0.585
47621	68107	Silver	1	1	1
47627	68107	Silver	1	1	1
47649	68107	Silver	1	0.57	0.57
47656	68107	Silver	1	0.61	0.61
47670	68107	Silver	1	0.54	0.54
47681	68107	Silver	1	1.05	1.05
47706	68107	Silver	1	0.56	0.56
47708	68107	Silver	1	0.525	0.525
47761	68107	Silver	1	1	1
47768	68107	Silver	1	0.605	0.605
47783	68107	Silver	1	1	1
47795	68107	Silver	1	0.555	0.555
47797	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47811	68107	Silver	1	1	1
47813	68107	Silver	1	1	1
47816	68107	Silver	1	1	1
47820	68107	Silver	1	0.53	0.53
47838	68107	Silver	1	1	1
47841	68107	Silver	1	1	1
47860	68107	Silver	1	1	1
47867	68107	Silver	1	1.05	1.05
47886	68107	Silver	1	1	1
47895	68107	Silver	1	1.1	1.1
47924	68107	Silver	1	1	1
47930	68107	Silver	1	0.555	0.555
47934	68107	Silver	1	1.05	1.05
47939	68107	Silver	1	0.53	0.53
47952	68107	Silver	1	0.545	0.545
47966	68107	Silver	1	0.565	0.565
47969	68107	Silver	1	0.59	0.59
48003	68107	Silver	1	1	1
48006	68107	Silver	1	1	1
48014	68107	Silver	1	1.05	1.05
48016	68107	Silver	1	0.6	0.6
48018	68107	Silver	1	1	1
48036	68107	Silver	1	0.52	0.52
48043	68107	Silver	1	0.53	0.53
48048	68107	Silver	1	1	1
48056	68107	Silver	1	1	1
48092	68107	Silver	1	1	1
48116	68107	Silver	1	1	1
48118	68107	Silver	1	1	1
48120	68107	Silver	1	1	1
48135	68107	Silver	1	1	1
48141	68107	Silver	1	1	1
48150	68107	Silver	1	1	1
48167	68107	Silver	1	0.585	0.585
48232	68107	Silver	1	0.625	0.625
48245	68107	Silver	1	1.05	1.05
48261	68107	Silver	1	0.55	0.55
48271	68107	Silver	1	1.05	1.05
48292	68107	Silver	1	1.05	1.05
48308	68107	Silver	1	1	1
48327	68107	Silver	1	0.545	0.545
48334	68107	Silver	1	0.53	0.53
48341	68107	Silver	1	0.52	0.52
48359	68107	Silver	1	1	1
48367	68107	Silver	1	0.54	0.54
48368	68107	Silver	1	0.535	0.535
48380	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48416	68107	Silver	1	1	1
48418	68107	Silver	1	0.6	0.6
48434	68107	Silver	1	1	1
48494	68107	Silver	1	0.525	0.525
48495	68107	Silver	1	1	1
48508	68107	Silver	1	0.53	0.53
48510	68107	Silver	1	1	1
48525	68107	Silver	1	1.05	1.05
48547	68107	Silver	1	0.58	0.58
48553	68107	Silver	1	0.555	0.555
48578	68107	Silver	1	0.565	0.565
48583	68107	Silver	1	0.61	0.61
48589	68107	Silver	1	1	1
48593	68107	Silver	1	0.52	0.52
48596	68107	Silver	1	0.565	0.565
48620	68107	Silver	1	1.05	1.05
48636	68107	Silver	1	0.58	0.58
48639	68107	Silver	1	1	1
48641	68107	Silver	1	1.1	1.1
48654	68107	Silver	1	1	1
48661	68107	Silver	1	1	1
48668	68107	Silver	1	0.58	0.58
48674	68107	Silver	1	0.59	0.59
48685	68107	Silver	1	1	1
48694	68107	Silver	1	0.52	0.52
48708	68107	Silver	1	1	1
48715	68107	Silver	1	0.61	0.61
48721	68107	Silver	1	1	1
48733	68107	Silver	1	0.51	0.51
48736	68107	Silver	1	1	1
48747	68107	Silver	1	1	1
48768	68107	Silver	1	1	1
48798	68107	Silver	1	1	1
48815	68107	Silver	1	1	1
48821	68107	Silver	1	0.59	0.59
48836	68107	Silver	1	0.545	0.545
48846	68107	Silver	1	1	1
48855	68107	Silver	1	0.565	0.565
48871	68107	Silver	1	0.54	0.54
48886	68107	Silver	1	0.555	0.555
48900	68107	Silver	1	0.585	0.585
48904	68107	Silver	1	0.95	0.95
48944	68107	Silver	1	0.575	0.575
48952	68107	Silver	1	0.59	0.59
48963	68107	Silver	1	0.575	0.575
48973	68107	Silver	1	0.615	0.615
48975	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48977	68107	Silver	1	1	1
48999	68107	Silver	1	0.56	0.56
49012	68107	Silver	1	1	1
49036	68107	Silver	1	0.58	0.58
49070	68107	Silver	1	1	1
49081	68107	Silver	1	0.545	0.545
49082	68107	Silver	1	0.55	0.55
49085	68107	Silver	1	0.515	0.515
49098	68107	Silver	1	0.53	0.53
49117	68107	Silver	1	0.61	0.61
49126	68107	Silver	1	1	1
49167	68107	Silver	1	1	1
49208	68107	Silver	1	0.55	0.55
49239	68107	Silver	1	1	1
49249	68107	Silver	1	0.58	0.58
49371	68107	Silver	1	0.51	0.51
49383	68107	Silver	1	0.55	0.55
49395	68107	Silver	1	1	1
49404	68107	Silver	1	1	1
49435	68107	Silver	1	0.57	0.57
49439	68107	Silver	1	0.58	0.58
49441	68107	Silver	1	0.605	0.605
49444	68107	Silver	1	0.545	0.545
50137	68107	Silver	1	1	1
50139	68107	Silver	1	1	1
50140	68107	Silver	1	1	1
50141	68107	Silver	1	1	1
50144	68107	Silver	1	1	1
50158	68107	Silver	1	1	1
50185	68107	Silver	1	1	1
50191	68107	Silver	1	1	1
50192	68107	Silver	1	1	1
50193	68107	Silver	1	1	1
50214	68107	Silver	1	1	1
50243	68107	Silver	1	1	1
50244	68107	Silver	1	1	1
50246	68107	Silver	1	1	1
50249	68107	Silver	1	1	1
50276	68107	Silver	1	1	1
50284	68107	Silver	1	1	1
50286	68107	Silver	1	1	1
50292	68107	Silver	1	1	1
50293	68107	Silver	1	1	1
50294	68107	Silver	1	1	1
50299	68107	Silver	1	1	1
50300	68107	Silver	1	1	1
50313	68107	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50325	68107	Silver	1	1	1
50326	68107	Silver	1	1	1
50335	68107	Silver	1	1	1
50359	68107	Silver	1	1	1
50360	68107	Silver	1	1	1
50361	68107	Silver	1	1	1
50362	68107	Silver	1	1	1
50537	68107	Silver	1	0.53	0.53
76891	68107	Silver	1	1.15	1.15
89377	68107	Silver	1	1.1	1.1
89408	68107	Silver	1	0.95	0.95
2170	68108	Silver	1	1	1
2518	68108	Silver	1	1	1
2521	68108	Silver	1	1	1
2522	68108	Silver	1	1.05	1.05
2527	68108	Silver	1	0.545	0.545
2532	68108	Silver	1	1.05	1.05
5225	68108	Silver	1	1	1
5227	68108	Silver	1	1	1
5229	68108	Silver	1	1	1
5284	68108	Silver	1	1	1
5300	68108	Silver	1	1	1
5304	68108	Silver	1	1	1
5306	68108	Silver	1	1	1
5332	68108	Silver	1	0.625	0.625
5387	68108	Silver	1	0.418	0.418
5390	68108	Silver	1	0.268	0.268
5394	68108	Silver	1	0.305	0.305
5395	68108	Silver	1	0.268	0.268
5398	68108	Silver	1	0.447	0.447
5403	68108	Silver	1	0.417	0.417
5407	68108	Silver	1	0.126	0.126
5408	68108	Silver	1	0.849	0.849
5409	68108	Silver	1	0.1105	0.1105
5416	68108	Silver	1	0.73	0.73
5418	68108	Silver	1	0.119	0.119
5422	68108	Silver	1	0.106	0.106
5425	68108	Silver	1	0.1205	0.1205
5426	68108	Silver	1	0.1145	0.1145
5427	68108	Silver	1	0.113	0.113
5429	68108	Silver	1	0.316	0.316
5431	68108	Silver	1	0.115	0.115
5432	68108	Silver	1	0.282	0.282
5449	68108	Silver	1	0.131	0.131
5450	68108	Silver	1	0.803	0.803
5454	68108	Silver	1	0.118	0.118
5460	68108	Silver	1	0.1195	0.1195

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5463	68108	Silver	1	0.124	0.124
5467	68108	Silver	1	0.126	0.126
5472	68108	Silver	1	0.1195	0.1195
5473	68108	Silver	1	0.118	0.118
5474	68108	Silver	1	0.256	0.256
5480	68108	Silver	1	0.1115	0.1115
5483	68108	Silver	1	0.125	0.125
5485	68108	Silver	1	0.663	0.663
5492	68108	Silver	1	0.128	0.128
5505	68108	Silver	1	0.118	0.118
5572	68108	Silver	1	0.499	0.499
5607	68108	Silver	1	0.1155	0.1155
5608	68108	Silver	1	0.248	0.248
5623	68108	Silver	1	0.123	0.123
5628	68108	Silver	1	0.249	0.249
5630	68108	Silver	1	0.655	0.655
5636	68108	Silver	1	1.54	1.54
5637	68108	Silver	1	0.322	0.322
5652	68108	Silver	1	0.526	0.526
12816	68108	Silver	1	1	1
12859	68108	Silver	1	1	1
12926	68108	Silver	1	1	1
12947	68108	Silver	1	0.55	0.55
13102	68108	Silver	1	0.535	0.535
13164	68108	Silver	1	1	1
13184	68108	Silver	1	1	1
13189	68108	Silver	1	1	1
13239	68108	Silver	1	0.55	0.55
13267	68108	Silver	1	1.05	1.05
13436	68108	Silver	1	0.575	0.575
13485	68108	Silver	1	1	1
13529	68108	Silver	1	1	1
13530	68108	Silver	1	0.54	0.54
13536	68108	Silver	1	0.555	0.555
13575	68108	Silver	1	1	1
13645	68108	Silver	1	1.1	1.1
13661	68108	Silver	1	0.65	0.65
13674	68108	Silver	1	1	1
13675	68108	Silver	1	1	1
13760	68108	Silver	1	1	1
13773	68108	Silver	1	0.575	0.575
13795	68108	Silver	1	1	1
13941	68108	Silver	1	1	1
14043	68108	Silver	1	0.497	0.497
14076	68108	Silver	1	0.58	0.58
14079	68108	Silver	1	0.505	0.505
14130	68108	Silver	1	1.05	1.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14140	68108	Silver	1	1	1
14203	68108	Silver	1	1	1
14270	68108	Silver	1	0.565	0.565
14279	68108	Silver	1	0.59	0.59
14290	68108	Silver	1	1	1
14438	68108	Silver	1	1	1
14449	68108	Silver	1	1	1
14481	68108	Silver	1	1	1
14486	68108	Silver	1	1	1
14497	68108	Silver	1	1.1	1.1
14537	68108	Silver	1	1	1
14545	68108	Silver	1	1	1
14576	68108	Silver	1	1	1
14578	68108	Silver	1	1	1
14617	68108	Silver	1	0.565	0.565
14660	68108	Silver	1	0.585	0.585
14692	68108	Silver	1	0.57	0.57
14720	68108	Silver	1	1	1
14818	68108	Silver	1	1	1
14825	68108	Silver	1	18.9	18.9
14849	68108	Silver	1	0.525	0.525
14855	68108	Silver	1	1	1
14878	68108	Silver	1	0.565	0.565
14914	68108	Silver	1	1	1
14998	68108	Silver	1	1	1
15001	68108	Silver	1	1	1
15051	68108	Silver	1	1	1
15053	68108	Silver	1	1	1
15116	68108	Silver	1	1	1
15135	68108	Silver	1	0.585	0.585
15248	68108	Silver	1	1	1
15256	68108	Silver	1	0.54	0.54
15266	68108	Silver	1	1	1
15337	68108	Silver	1	0.525	0.525
15443	68108	Silver	1	1	1
15468	68108	Silver	1	0.54	0.54
15601	68108	Silver	1	1	1
15603	68108	Silver	1	1	1
15687	68108	Silver	1	1	1
15748	68108	Silver	1	1	1
15768	68108	Silver	1	0.625	0.625
15915	68108	Silver	1	1	1
15939	68108	Silver	1	1	1
15955	68108	Silver	1	0.565	0.565
15966	68108	Silver	1	0.615	0.615
15980	68108	Silver	1	0.585	0.585
16006	68108	Silver	1	1.2	1.2

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16126	68108	Silver	1	0.4975	0.4975
16135	68108	Silver	1	0.4585	0.4585
16137	68108	Silver	1	0.545	0.545
16145	68108	Silver	1	0.56	0.56
16261	68108	Silver	1	0.56	0.56
16267	68108	Silver	1	0.53	0.53
16319	68108	Silver	1	0.6	0.6
16349	68108	Silver	1	1	1
16446	68108	Silver	1	1	1
16530	68108	Silver	1	1	1
16556	68108	Silver	1	0.95	0.95
16581	68108	Silver	1	1	1
16595	68108	Silver	1	1	1
16599	68108	Silver	1	1	1
16711	68108	Silver	1	1	1
16813	68108	Silver	1	0.61	0.61
16973	68108	Silver	1	0.58	0.58
17004	68108	Silver	1	1.1	1.1
17005	68108	Silver	1	1	1
17022	68108	Silver	1	1	1
17242	68108	Silver	1	0.95	0.95
17247	68108	Silver	1	1	1
17282	68108	Silver	1	1.25	1.25
17316	68108	Silver	1	1	1
17323	68108	Silver	1	1	1
17335	68108	Silver	1	1	1
17360	68108	Silver	1	1	1
17414	68108	Silver	1	0.565	0.565
17416	68108	Silver	1	0.555	0.555
17417	68108	Silver	1	1	1
17418	68108	Silver	1	1	1
17461	68108	Silver	1	1.05	1.05
17498	68108	Silver	1	0.53	0.53
17550	68108	Silver	1	1	1
17671	68108	Silver	1	0.535	0.535
17699	68108	Silver	1	0.52	0.52
17700	68108	Silver	1	1.05	1.05
17701	68108	Silver	1	1	1
17703	68108	Silver	1	0.605	0.605
17732	68108	Silver	1	1	1
17778	68108	Silver	1	1	1
17840	68108	Silver	1	0.53	0.53
17849	68108	Silver	1	0.56	0.56
17861	68108	Silver	1	1	1
17864	68108	Silver	1	1	1
17865	68108	Silver	1	0.505	0.505
17908	68108	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17945	68108	Silver	1	0.55	0.55
17963	68108	Silver	1	1.05	1.05
17968	68108	Silver	1	1	1
17985	68108	Silver	1	1	1
18129	68108	Silver	1	0.458	0.458
18148	68108	Silver	1	1.05	1.05
18179	68108	Silver	1	1	1
18198	68108	Silver	1	0.535	0.535
18218	68108	Silver	1	1	1
18222	68108	Silver	1	1.05	1.05
18249	68108	Silver	1	1.15	1.15
18328	68108	Silver	1	1.1	1.1
18330	68108	Silver	1	1	1
18339	68108	Silver	1	0.505	0.505
18385	68108	Silver	1	1	1
18422	68108	Silver	1	1	1
18435	68108	Silver	1	1	1
18461	68108	Silver	1	0.605	0.605
18486	68108	Silver	1	0.505	0.505
18532	68108	Silver	1	0.585	0.585
18547	68108	Silver	1	1	1
18597	68108	Silver	1	1	1
18634	68108	Silver	1	1	1
18664	68108	Silver	1	1	1
18687	68108	Silver	1	1	1
18691	68108	Silver	1	1.05	1.05
18697	68108	Silver	1	1.05	1.05
18712	68108	Silver	1	0.63	0.63
18718	68108	Silver	1	1	1
18749	68108	Silver	1	1	1
18800	68108	Silver	1	1	1
18802	68108	Silver	1	1	1
18833	68108	Silver	1	0.675	0.675
18890	68108	Silver	1	0.575	0.575
18903	68108	Silver	1	1	1
18943	68108	Silver	1	0.52	0.52
18968	68108	Silver	1	0.56	0.56
18988	68108	Silver	1	0.555	0.555
19030	68108	Silver	1	0.505	0.505
19116	68108	Silver	1	0.56	0.56
19126	68108	Silver	1	1	1
19153	68108	Silver	1	0.62	0.62
19190	68108	Silver	1	1	1
19343	68108	Silver	1	1.05	1.05
19371	68108	Silver	1	0.625	0.625
19373	68108	Silver	1	0.59	0.59
19417	68108	Silver	1	1.05	1.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
19440	68108	Silver	1	0.468	0.468
19444	68108	Silver	1	0.58	0.58
19474	68108	Silver	1	1	1
19640	68108	Silver	1	0.515	0.515
19660	68108	Silver	1	0.55	0.55
19680	68108	Silver	1	0.575	0.575
19792	68108	Silver	1	1	1
19875	68108	Silver	1	1	1
19920	68108	Silver	1	0.545	0.545
19988	68108	Silver	1	1	1
20044	68108	Silver	1	0.575	0.575
20137	68108	Silver	1	1	1
20149	68108	Silver	1	1	1
20168	68108	Silver	1	1	1
20169	68108	Silver	1	1.05	1.05
20244	68108	Silver	1	0.575	0.575
20285	68108	Silver	1	1.09	1.09
20287	68108	Silver	1	1	1
20344	68108	Silver	1	0.515	0.515
20367	68108	Silver	1	0.53	0.53
20464	68108	Silver	1	0.535	0.535
20467	68108	Silver	1	1.05	1.05
20567	68108	Silver	1	0.545	0.545
20588	68108	Silver	1	1.05	1.05
20608	68108	Silver	1	1.07	1.07
20629	68108	Silver	1	1	1
20671	68108	Silver	1	0.575	0.575
20746	68108	Silver	1	0.55	0.55
20752	68108	Silver	1	0.95	0.95
20831	68108	Silver	1	0.59	0.59
20881	68108	Silver	1	1.45	1.45
20922	68108	Silver	1	0.9	0.9
21123	68108	Silver	1	1	1
21190	68108	Silver	1	1	1
21502	68108	Silver	1	1	1
21582	68108	Silver	1	1	1
21729	68108	Silver	1	1	1
21863	68108	Silver	1	0.535	0.535
22203	68108	Silver	1	0.615	0.615
22282	68108	Silver	1	0.52	0.52
50453	68108	Silver	1	1	1
50624	68108	Silver	1	0.555	0.555
74047	68108	Silver	1	1.15	1.15
79306	68108	Silver	1	1.2	1.2
87989	68108	Silver	1	1	1
88004	68108	Silver	1	1.05	1.05
88031	68108	Silver	1	1.25	1.25

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
89842	68108	Silver	1	1	1
90601	68108	Silver	1	0.95	0.95
92372	68108	Silver	1	1	1
93003	68108	Silver	1	1.25	1.25
93522	68108	Silver	1	1.05	1.05
2069	68110	Silver	1	1	1
2280	68110	Silver	1	0.693	0.693
2354	68110	Silver	1	1	1
2355	68110	Silver	1	1	1
2539	68110	Silver	1	0.61	0.61
3136	68110	Silver	1	1.04	1.04
5258	68110	Silver	1	1	1
5388	68110	Silver	1	0.1115	0.1115
5520	68110	Silver	1	0.633	0.633
5525	68110	Silver	1	0.688	0.688
5527	68110	Silver	1	0.437	0.437
5530	68110	Silver	1	0.1255	0.1255
5532	68110	Silver	1	0.1	0.1
5536	68110	Silver	1	0.306	0.306
5541	68110	Silver	1	0.128	0.128
5544	68110	Silver	1	0.124	0.124
5546	68110	Silver	1	0.1185	0.1185
5551	68110	Silver	1	0.487	0.487
5559	68110	Silver	1	0.482	0.482
5560	68110	Silver	1	0.372	0.372
5561	68110	Silver	1	0.446	0.446
5563	68110	Silver	1	0.127	0.127
5565	68110	Silver	1	0.13	0.13
5566	68110	Silver	1	0.126	0.126
5612	68110	Silver	1	0.597	0.597
5614	68110	Silver	1	0.128	0.128
5641	68110	Silver	1	0.1225	0.1225
5650	68110	Silver	1	1	1
5651	68110	Silver	1	0.301	0.301
26122	68110	Silver	1	0.52	0.52
26133	68110	Silver	1	0.515	0.515
26234	68110	Silver	1	1.1	1.1
26341	68110	Silver	1	1	1
26410	68110	Silver	1	1	1
26447	68110	Silver	1	0.51	0.51
26465	68110	Silver	1	0.555	0.555
26527	68110	Silver	1	1	1
26550	68110	Silver	1	1	1
26762	68110	Silver	1	1	1
27034	68110	Silver	1	1	1
27069	68110	Silver	1	1	1
27291	68110	Silver	1	0.59	0.59

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27435	68110	Silver	1	1.15	1.15
27589	68110	Silver	1	0.535	0.535
27592	68110	Silver	1	0.515	0.515
27683	68110	Silver	1	0.565	0.565
27704	68110	Silver	1	1	1
27756	68110	Silver	1	1	1
27815	68110	Silver	1	0.525	0.525
27822	68110	Silver	1	0.54	0.54
27826	68110	Silver	1	0.58	0.58
27840	68110	Silver	1	0.555	0.555
27844	68110	Silver	1	0.6	0.6
27884	68110	Silver	1	0.59	0.59
27907	68110	Silver	1	1	1
27927	68110	Silver	1	0.61	0.61
27984	68110	Silver	1	0.457	0.457
28074	68110	Silver	1	0.54	0.54
28075	68110	Silver	1	0.55	0.55
28120	68110	Silver	1	0.55	0.55
28167	68110	Silver	1	0.545	0.545
28226	68110	Silver	1	0.585	0.585
28335	68110	Silver	1	0.515	0.515
28360	68110	Silver	1	1	1
28404	68110	Silver	1	0.4855	0.4855
28421	68110	Silver	1	1	1
28455	68110	Silver	1	1	1
28501	68110	Silver	1	0.555	0.555
28550	68110	Silver	1	0.575	0.575
28591	68110	Silver	1	0.555	0.555
28647	68110	Silver	1	1	1
28670	68110	Silver	1	0.57	0.57
28711	68110	Silver	1	1	1
28717	68110	Silver	1	1	1
28726	68110	Silver	1	1	1
28905	68110	Silver	1	0.56	0.56
28977	68110	Silver	1	0.565	0.565
28999	68110	Silver	1	1	1
29058	68110	Silver	1	0.55	0.55
29063	68110	Silver	1	1.05	1.05
29084	68110	Silver	1	1	1
29093	68110	Silver	1	0.565	0.565
29095	68110	Silver	1	0.54	0.54
29117	68110	Silver	1	1	1
29135	68110	Silver	1	1	1
29207	68110	Silver	1	0.64	0.64
29238	68110	Silver	1	0.59	0.59
29257	68110	Silver	1	0.56	0.56
29271	68110	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29283	68110	Silver	1	0.58	0.58
29290	68110	Silver	1	1	1
29332	68110	Silver	1	1	1
29360	68110	Silver	1	1	1
29361	68110	Silver	1	1	1
29393	68110	Silver	1	0.59	0.59
29421	68110	Silver	1	0.615	0.615
29493	68110	Silver	1	1	1
29500	68110	Silver	1	0.56	0.56
29505	68110	Silver	1	0.55	0.55
29550	68110	Silver	1	1	1
29610	68110	Silver	1	0.605	0.605
29634	68110	Silver	1	1	1
29665	68110	Silver	1	0.53	0.53
29753	68110	Silver	1	1	1
29774	68110	Silver	1	0.545	0.545
29786	68110	Silver	1	1	1
29795	68110	Silver	1	0.57	0.57
29844	68110	Silver	1	1.1	1.1
29877	68110	Silver	1	1	1
29887	68110	Silver	1	1	1
29911	68110	Silver	1	1	1
29913	68110	Silver	1	0.545	0.545
29920	68110	Silver	1	0.55	0.55
29921	68110	Silver	1	0.595	0.595
29934	68110	Silver	1	1	1
29942	68110	Silver	1	1.15	1.15
29943	68110	Silver	1	1	1
30017	68110	Silver	1	1	1
30172	68110	Silver	1	0.55	0.55
30189	68110	Silver	1	1.05	1.05
30210	68110	Silver	1	0.565	0.565
30291	68110	Silver	1	1	1
30394	68110	Silver	1	1	1
30410	68110	Silver	1	0.515	0.515
30422	68110	Silver	1	1.05	1.05
30443	68110	Silver	1	1	1
30469	68110	Silver	1	1.04	1.04
30470	68110	Silver	1	1.15	1.15
30500	68110	Silver	1	1	1
30551	68110	Silver	1	0.59	0.59
30556	68110	Silver	1	0.535	0.535
30566	68110	Silver	1	1	1
30575	68110	Silver	1	0.595	0.595
30633	68110	Silver	1	0.56	0.56
30651	68110	Silver	1	1	1
30688	68110	Silver	1	0.6	0.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30705	68110	Silver	1	0.51	0.51
30786	68110	Silver	1	0.57	0.57
30803	68110	Silver	1	1.15	1.15
30870	68110	Silver	1	1	1
30954	68110	Silver	1	1.05	1.05
30980	68110	Silver	1	1	1
31097	68110	Silver	1	1.1	1.1
31153	68110	Silver	1	0.55	0.55
31174	68110	Silver	1	1	1
31223	68110	Silver	1	0.585	0.585
31231	68110	Silver	1	0.575	0.575
31350	68110	Silver	1	0.56	0.56
31401	68110	Silver	1	1.05	1.05
31568	68110	Silver	1	0.56	0.56
31645	68110	Silver	1	1	1
31757	68110	Silver	1	1	1
31760	68110	Silver	1	0.53	0.53
31814	68110	Silver	1	0.57	0.57
31832	68110	Silver	1	1	1
31959	68110	Silver	1	0.575	0.575
32019	68110	Silver	1	1.05	1.05
32039	68110	Silver	1	1	1
32043	68110	Silver	1	1	1
32063	68110	Silver	1	1	1
32214	68110	Silver	1	0.54	0.54
32373	68110	Silver	1	0.525	0.525
32484	68110	Silver	1	1	1
32508	68110	Silver	1	1	1
32529	68110	Silver	1	0.565	0.565
32536	68110	Silver	1	1	1
32570	68110	Silver	1	0.585	0.585
32645	68110	Silver	1	0.63	0.63
32707	68110	Silver	1	0.66	0.66
32727	68110	Silver	1	0.54	0.54
32733	68110	Silver	1	1	1
32734	68110	Silver	1	1.15	1.15
32875	68110	Silver	1	1	1
32903	68110	Silver	1	0.58	0.58
32915	68110	Silver	1	0.59	0.59
32927	68110	Silver	1	1	1
32996	68110	Silver	1	1.1	1.1
33078	68110	Silver	1	0.545	0.545
33084	68110	Silver	1	0.535	0.535
33280	68110	Silver	1	0.54	0.54
33421	68110	Silver	1	0.515	0.515
33468	68110	Silver	1	1.1	1.1
33472	68110	Silver	1	0.535	0.535

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33477	68110	Silver	1	0.95	0.95
33483	68110	Silver	1	1.05	1.05
33512	68110	Silver	1	0.525	0.525
33519	68110	Silver	1	0.545	0.545
33543	68110	Silver	1	0.535	0.535
33555	68110	Silver	1	0.54	0.54
33602	68110	Silver	1	1	1
33629	68110	Silver	1	1	1
33635	68110	Silver	1	0.615	0.615
33714	68110	Silver	1	1	1
33725	68110	Silver	1	0.525	0.525
33840	68110	Silver	1	1	1
33927	68110	Silver	1	1	1
34002	68110	Silver	1	1	1
34047	68110	Silver	1	0.535	0.535
34116	68110	Silver	1	0.57	0.57
34237	68110	Silver	1	0.55	0.55
34260	68110	Silver	1	0.585	0.585
34266	68110	Silver	1	0.61	0.61
34272	68110	Silver	1	1	1
34276	68110	Silver	1	1	1
34287	68110	Silver	1	0.585	0.585
34613	68110	Silver	1	1	1
34625	68110	Silver	1	1	1
34638	68110	Silver	1	1	1
34674	68110	Silver	1	1	1
34696	68110	Silver	1	1	1
34710	68110	Silver	1	0.6	0.6
34733	68110	Silver	1	0.54	0.54
34738	68110	Silver	1	1.05	1.05
34742	68110	Silver	1	1	1
34821	68110	Silver	1	0.54	0.54
35022	68110	Silver	1	0.53	0.53
35047	68110	Silver	1	0.595	0.595
35180	68110	Silver	1	0.615	0.615
35183	68110	Silver	1	0.5	0.5
35249	68110	Silver	1	0.525	0.525
35384	68110	Silver	1	1.05	1.05
35438	68110	Silver	1	0.51	0.51
35501	68110	Silver	1	1	1
35558	68110	Silver	1	0.56	0.56
35589	68110	Silver	1	0.54	0.54
35637	68110	Silver	1	1.2	1.2
35710	68110	Silver	1	1	1
35754	68110	Silver	1	0.545	0.545
35787	68110	Silver	1	1	1
35792	68110	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35793	68110	Silver	1	1	1
36189	68110	Silver	1	0.575	0.575
37075	68110	Silver	1	0.545	0.545
37434	68110	Silver	1	1	1
37456	68110	Silver	1	0.61	0.61
37525	68110	Silver	1	0.61	0.61
37674	68110	Silver	1	0.58	0.58
37821	68110	Silver	1	0.545	0.545
38725	68110	Silver	1	1	1
38863	68110	Silver	1	1	1
39142	68110	Silver	1	1.05	1.05
39271	68110	Silver	1	0.535	0.535
39434	68110	Silver	1	0.54	0.54
39572	68110	Silver	1	1	1
55636	68110	Silver	1	1.1	1.1
74149	68110	Silver	1	1.05	1.05
79377	68110	Silver	1	1.05	1.05
81398	68110	Silver	1	1.2	1.2
81400	68110	Silver	1	1.05	1.05
87991	68110	Silver	1	1.05	1.05
90908	68110	Silver	1	1	1
91449	68110	Silver	1	1.15	1.15
92501	68110	Silver	1	0.95	0.95
92675	68110	Silver	1	0.9	0.9
93337	68110	Silver	1	1	1
93338	68110	Silver	1	1.1	1.1
93342	68110	Silver	1	0.9	0.9
93344	68110	Silver	1	1.15	1.15
93345	68110	Silver	1	1.15	1.15
2035	68111	Silver	1	1	1
2075	68111	Silver	1	1	1
2103	68111	Silver	1	1	1
2109	68111	Silver	1	1	1
2118	68111	Silver	1	0.59	0.59
2121	68111	Silver	1	1	1
2126	68111	Silver	1	1	1
2154	68111	Silver	1	1	1
2179	68111	Silver	1	1	1
2216	68111	Silver	1	1	1
2225	68111	Silver	1	1	1
2231	68111	Silver	1	1	1
2262	68111	Silver	1	1	1
2365	68111	Silver	1	0.64	0.64
2425	68111	Silver	1	0.555	0.555
2565	68111	Silver	1	0.545	0.545
3046	68111	Silver	1	0.691	0.691
3051	68111	Silver	1	0.738	0.738

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
3058	68111	Silver	1	0.74	0.74
3091	68111	Silver	1	0.563	0.563
3133	68111	Silver	1	0.706	0.706
3151	68111	Silver	1	0.564	0.564
5013	68111	Silver	1	1	1
5085	68111	Silver	1	1	1
5170	68111	Silver	1	1	1
5171	68111	Silver	1	1	1
5204	68111	Silver	1	1	1
5206	68111	Silver	1	1	1
5208	68111	Silver	1	1	1
5215	68111	Silver	1	1	1
5221	68111	Silver	1	1	1
5230	68111	Silver	1	1	1
5232	68111	Silver	1	1	1
5234	68111	Silver	1	1	1
5236	68111	Silver	1	1	1
5238	68111	Silver	1	1	1
5240	68111	Silver	1	1	1
5242	68111	Silver	1	1	1
5246	68111	Silver	1	1	1
5288	68111	Silver	1	1	1
5296	68111	Silver	1	1	1
5330	68111	Silver	1	0.619	0.619
5333	68111	Silver	1	0.607	0.607
5513	68111	Silver	1	0.129	0.129
5514	68111	Silver	1	0.1225	0.1225
5618	68111	Silver	1	0.1305	0.1305
25647	68111	Silver	1	0.469	0.469
25663	68111	Silver	1	0.55	0.55
25670	68111	Silver	1	0.555	0.555
25708	68111	Silver	1	1	1
25709	68111	Silver	1	0.95	0.95
25750	68111	Silver	1	1	1
25780	68111	Silver	1	1.05	1.05
25786	68111	Silver	1	1	1
25794	68111	Silver	1	1	1
25804	68111	Silver	1	1	1
25805	68111	Silver	1	1	1
25834	68111	Silver	1	0.595	0.595
25849	68111	Silver	1	0.585	0.585
25869	68111	Silver	1	0.6	0.6
25874	68111	Silver	1	0.53	0.53
25877	68111	Silver	1	1	1
25894	68111	Silver	1	1	1
25903	68111	Silver	1	1	1
25918	68111	Silver	1	1.15	1.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25921	68111	Silver	1	0.505	0.505
25977	68111	Silver	1	1	1
25985	68111	Silver	1	0.56	0.56
26005	68111	Silver	1	0.585	0.585
26009	68111	Silver	1	1	1
26011	68111	Silver	1	0.61	0.61
26030	68111	Silver	1	0.6	0.6
26042	68111	Silver	1	0.52	0.52
26043	68111	Silver	1	1	1
26045	68111	Silver	1	0.57	0.57
26053	68111	Silver	1	0.605	0.605
26084	68111	Silver	1	1.1	1.1
26100	68111	Silver	1	0.58	0.58
26124	68111	Silver	1	0.59	0.59
26135	68111	Silver	1	0.645	0.645
26142	68111	Silver	1	0.6	0.6
26149	68111	Silver	1	1	1
26160	68111	Silver	1	0.55	0.55
26164	68111	Silver	1	1.05	1.05
26191	68111	Silver	1	0.7	0.7
26199	68111	Silver	1	1	1
26202	68111	Silver	1	0.575	0.575
26204	68111	Silver	1	1	1
26211	68111	Silver	1	0.535	0.535
26215	68111	Silver	1	1	1
26228	68111	Silver	1	0.585	0.585
26229	68111	Silver	1	0.605	0.605
26231	68111	Silver	1	0.535	0.535
26249	68111	Silver	1	1.05	1.05
26257	68111	Silver	1	1	1
26263	68111	Silver	1	1	1
26288	68111	Silver	1	0.59	0.59
26289	68111	Silver	1	0.585	0.585
26290	68111	Silver	1	1	1
26295	68111	Silver	1	1	1
26303	68111	Silver	1	0.56	0.56
26327	68111	Silver	1	0.595	0.595
26372	68111	Silver	1	1	1
26428	68111	Silver	1	1	1
26456	68111	Silver	1	1	1
26459	68111	Silver	1	1	1
26480	68111	Silver	1	1	1
26485	68111	Silver	1	1	1
26514	68111	Silver	1	1	1
26518	68111	Silver	1	1	1
26543	68111	Silver	1	1	1
26570	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26604	68111	Silver	1	1	1
26653	68111	Silver	1	1	1
26663	68111	Silver	1	1	1
26665	68111	Silver	1	0.595	0.595
26682	68111	Silver	1	1	1
26695	68111	Silver	1	1	1
26716	68111	Silver	1	1	1
26742	68111	Silver	1	0.665	0.665
26757	68111	Silver	1	1	1
26759	68111	Silver	1	1	1
26772	68111	Silver	1	0.499	0.499
26779	68111	Silver	1	0.56	0.56
26783	68111	Silver	1	0.635	0.635
26834	68111	Silver	1	0.565	0.565
26844	68111	Silver	1	1	1
26858	68111	Silver	1	0.535	0.535
26865	68111	Silver	1	1	1
26868	68111	Silver	1	1	1
26869	68111	Silver	1	0.51	0.51
26877	68111	Silver	1	1	1
26891	68111	Silver	1	0.535	0.535
26948	68111	Silver	1	1	1
26955	68111	Silver	1	1	1
26967	68111	Silver	1	1	1
26996	68111	Silver	1	0.52	0.52
26997	68111	Silver	1	1	1
26999	68111	Silver	1	0.575	0.575
27005	68111	Silver	1	1	1
27031	68111	Silver	1	0.535	0.535
27038	68111	Silver	1	1.1	1.1
27052	68111	Silver	1	1	1
27074	68111	Silver	1	1	1
27096	68111	Silver	1	0.58	0.58
27107	68111	Silver	1	0.585	0.585
27117	68111	Silver	1	1.05	1.05
27120	68111	Silver	1	1	1
27137	68111	Silver	1	1	1
27138	68111	Silver	1	1	1
27139	68111	Silver	1	0.535	0.535
27140	68111	Silver	1	1	1
27142	68111	Silver	1	1.05	1.05
27144	68111	Silver	1	1	1
27145	68111	Silver	1	1	1
27148	68111	Silver	1	1	1
27177	68111	Silver	1	1	1
27185	68111	Silver	1	1	1
27191	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27193	68111	Silver	1	0.565	0.565
27202	68111	Silver	1	1	1
27264	68111	Silver	1	1.2	1.2
27266	68111	Silver	1	1	1
27269	68111	Silver	1	1.05	1.05
27278	68111	Silver	1	1	1
27308	68111	Silver	1	1	1
27315	68111	Silver	1	1.05	1.05
27318	68111	Silver	1	0.525	0.525
27342	68111	Silver	1	0.565	0.565
27347	68111	Silver	1	1	1
27366	68111	Silver	1	0.515	0.515
27369	68111	Silver	1	1	1
27399	68111	Silver	1	4.06	4.06
27402	68111	Silver	1	1.2	1.2
27446	68111	Silver	1	1.05	1.05
27461	68111	Silver	1	1	1
27467	68111	Silver	1	0.53	0.53
27475	68111	Silver	1	1	1
27481	68111	Silver	1	1	1
27488	68111	Silver	1	0.525	0.525
27524	68111	Silver	1	1	1
27567	68111	Silver	1	0.525	0.525
27581	68111	Silver	1	0.645	0.645
27585	68111	Silver	1	0.605	0.605
27604	68111	Silver	1	0.64	0.64
27608	68111	Silver	1	0.585	0.585
27630	68111	Silver	1	1	1
27632	68111	Silver	1	1	1
27658	68111	Silver	1	1	1
27718	68111	Silver	1	0.65	0.65
27734	68111	Silver	1	1	1
27739	68111	Silver	1	0.54	0.54
27742	68111	Silver	1	1	1
27764	68111	Silver	1	1	1
27768	68111	Silver	1	0.595	0.595
27780	68111	Silver	1	0.565	0.565
27854	68111	Silver	1	1	1
27859	68111	Silver	1	0.605	0.605
27885	68111	Silver	1	1	1
27886	68111	Silver	1	1	1
27913	68111	Silver	1	0.525	0.525
27920	68111	Silver	1	0.565	0.565
27924	68111	Silver	1	1	1
27939	68111	Silver	1	1	1
27962	68111	Silver	1	0.625	0.625
28004	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28011	68111	Silver	1	1	1
28019	68111	Silver	1	0.625	0.625
28020	68111	Silver	1	1	1
28022	68111	Silver	1	0.51	0.51
28045	68111	Silver	1	0.64	0.64
28065	68111	Silver	1	1	1
28072	68111	Silver	1	1	1
28105	68111	Silver	1	0.51	0.51
28108	68111	Silver	1	0.52	0.52
28144	68111	Silver	1	0.56	0.56
28148	68111	Silver	1	1	1
28154	68111	Silver	1	0.555	0.555
28157	68111	Silver	1	1.05	1.05
28185	68111	Silver	1	1.1	1.1
28186	68111	Silver	1	0.525	0.525
28188	68111	Silver	1	1	1
28218	68111	Silver	1	0.585	0.585
28222	68111	Silver	1	0.675	0.675
28273	68111	Silver	1	1	1
28284	68111	Silver	1	1	1
28329	68111	Silver	1	0.56	0.56
28338	68111	Silver	1	1	1
28375	68111	Silver	1	1	1
28377	68111	Silver	1	1	1
28417	68111	Silver	1	1	1
28423	68111	Silver	1	1.25	1.25
28434	68111	Silver	1	1	1
28518	68111	Silver	1	0.6	0.6
28544	68111	Silver	1	1	1
28558	68111	Silver	1	0.56	0.56
28561	68111	Silver	1	1	1
28573	68111	Silver	1	1	1
28611	68111	Silver	1	1	1
28612	68111	Silver	1	0.595	0.595
28618	68111	Silver	1	1	1
28623	68111	Silver	1	0.6	0.6
28625	68111	Silver	1	0.555	0.555
28648	68111	Silver	1	1	1
28661	68111	Silver	1	0.555	0.555
28688	68111	Silver	1	1	1
28709	68111	Silver	1	1	1
28713	68111	Silver	1	0.575	0.575
28725	68111	Silver	1	0.555	0.555
28730	68111	Silver	1	0.56	0.56
28749	68111	Silver	1	1	1
28763	68111	Silver	1	0.57	0.57
28764	68111	Silver	1	0.565	0.565

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28766	68111	Silver	1	1	1
28781	68111	Silver	1	0.6	0.6
28785	68111	Silver	1	0.54	0.54
28798	68111	Silver	1	1	1
28799	68111	Silver	1	0.525	0.525
28809	68111	Silver	1	0.51	0.51
28811	68111	Silver	1	1	1
28819	68111	Silver	1	1	1
28836	68111	Silver	1	1	1
28837	68111	Silver	1	0.535	0.535
28841	68111	Silver	1	0.535	0.535
28846	68111	Silver	1	1	1
28893	68111	Silver	1	1	1
28909	68111	Silver	1	0.57	0.57
28942	68111	Silver	1	0.555	0.555
28959	68111	Silver	1	1	1
28963	68111	Silver	1	0.56	0.56
28967	68111	Silver	1	1	1
28984	68111	Silver	1	0.53	0.53
28991	68111	Silver	1	0.6	0.6
29002	68111	Silver	1	0.57	0.57
29023	68111	Silver	1	1	1
29033	68111	Silver	1	1	1
29037	68111	Silver	1	1	1
29071	68111	Silver	1	1	1
29090	68111	Silver	1	1	1
29101	68111	Silver	1	0.62	0.62
29102	68111	Silver	1	1	1
29105	68111	Silver	1	1	1
29155	68111	Silver	1	0.95	0.95
29165	68111	Silver	1	1.05	1.05
29175	68111	Silver	1	1	1
29177	68111	Silver	1	1	1
29181	68111	Silver	1	0.55	0.55
29204	68111	Silver	1	1	1
29205	68111	Silver	1	1	1
29214	68111	Silver	1	1	1
29220	68111	Silver	1	0.535	0.535
29240	68111	Silver	1	0.58	0.58
29248	68111	Silver	1	0.655	0.655
29274	68111	Silver	1	1	1
29285	68111	Silver	1	0.59	0.59
29328	68111	Silver	1	0.535	0.535
29343	68111	Silver	1	0.575	0.575
29354	68111	Silver	1	0.535	0.535
29358	68111	Silver	1	1	1
29386	68111	Silver	1	0.545	0.545

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29409	68111	Silver	1	1	1
29431	68111	Silver	1	0.555	0.555
29432	68111	Silver	1	0.565	0.565
29445	68111	Silver	1	1	1
29469	68111	Silver	1	0.59	0.59
29499	68111	Silver	1	0.555	0.555
29552	68111	Silver	1	0.54	0.54
29558	68111	Silver	1	1	1
29578	68111	Silver	1	0.565	0.565
29608	68111	Silver	1	1.2	1.2
29625	68111	Silver	1	1	1
29633	68111	Silver	1	1	1
29671	68111	Silver	1	0.55	0.55
29678	68111	Silver	1	0.55	0.55
29683	68111	Silver	1	0.55	0.55
29684	68111	Silver	1	0.52	0.52
29689	68111	Silver	1	0.58	0.58
29717	68111	Silver	1	1	1
29777	68111	Silver	1	1	1
29792	68111	Silver	1	1	1
29806	68111	Silver	1	0.62	0.62
29818	68111	Silver	1	1	1
29824	68111	Silver	1	1	1
29826	68111	Silver	1	1	1
29881	68111	Silver	1	0.59	0.59
29889	68111	Silver	1	1	1
29910	68111	Silver	1	1	1
29912	68111	Silver	1	1	1
29927	68111	Silver	1	1.1	1.1
29953	68111	Silver	1	1	1
29974	68111	Silver	1	1	1
29978	68111	Silver	1	0.6	0.6
29991	68111	Silver	1	1	1
29993	68111	Silver	1	1	1
30012	68111	Silver	1	1	1
30045	68111	Silver	1	0.555	0.555
30050	68111	Silver	1	1	1
30068	68111	Silver	1	0.545	0.545
30078	68111	Silver	1	0.56	0.56
30081	68111	Silver	1	0.585	0.585
30123	68111	Silver	1	1	1
30130	68111	Silver	1	0.545	0.545
30133	68111	Silver	1	1	1
30161	68111	Silver	1	1	1
30169	68111	Silver	1	1	1
30171	68111	Silver	1	1	1
30177	68111	Silver	1	0.535	0.535

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30182	68111	Silver	1	0.52	0.52
30201	68111	Silver	1	1	1
30220	68111	Silver	1	0.53	0.53
30225	68111	Silver	1	0.545	0.545
30244	68111	Silver	1	1	1
30253	68111	Silver	1	1	1
30345	68111	Silver	1	0.535	0.535
30347	68111	Silver	1	1	1
30387	68111	Silver	1	1	1
30417	68111	Silver	1	1	1
30420	68111	Silver	1	1	1
30434	68111	Silver	1	1	1
30455	68111	Silver	1	0.565	0.565
30462	68111	Silver	1	0.645	0.645
30494	68111	Silver	1	0.505	0.505
30521	68111	Silver	1	0.53	0.53
30526	68111	Silver	1	1	1
30536	68111	Silver	1	0.6	0.6
30563	68111	Silver	1	1	1
30580	68111	Silver	1	1	1
30625	68111	Silver	1	0.57	0.57
30644	68111	Silver	1	0.61	0.61
30645	68111	Silver	1	0.55	0.55
30683	68111	Silver	1	1.05	1.05
30699	68111	Silver	1	1	1
30700	68111	Silver	1	1	1
30714	68111	Silver	1	0.57	0.57
30757	68111	Silver	1	0.55	0.55
30802	68111	Silver	1	1	1
30813	68111	Silver	1	1	1
30817	68111	Silver	1	1.05	1.05
30836	68111	Silver	1	0.525	0.525
30841	68111	Silver	1	0.535	0.535
30844	68111	Silver	1	1	1
30881	68111	Silver	1	0.61	0.61
30888	68111	Silver	1	0.585	0.585
30918	68111	Silver	1	0.54	0.54
30927	68111	Silver	1	1	1
30932	68111	Silver	1	1	1
30933	68111	Silver	1	1	1
30939	68111	Silver	1	1.1	1.1
30978	68111	Silver	1	1.1	1.1
30991	68111	Silver	1	0.58	0.58
30995	68111	Silver	1	1.1	1.1
30997	68111	Silver	1	0.55	0.55
31008	68111	Silver	1	0.615	0.615
31042	68111	Silver	1	1.05	1.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31045	68111	Silver	1	1	1
31046	68111	Silver	1	1	1
31052	68111	Silver	1	0.575	0.575
31056	68111	Silver	1	1	1
31071	68111	Silver	1	1	1
31074	68111	Silver	1	1	1
31076	68111	Silver	1	0.55	0.55
31081	68111	Silver	1	0.555	0.555
31102	68111	Silver	1	0.555	0.555
31104	68111	Silver	1	1	1
31120	68111	Silver	1	1	1
31129	68111	Silver	1	1	1
31131	68111	Silver	1	1	1
31141	68111	Silver	1	1	1
31145	68111	Silver	1	1	1
31163	68111	Silver	1	1	1
31171	68111	Silver	1	1	1
31176	68111	Silver	1	1	1
31186	68111	Silver	1	1	1
31189	68111	Silver	1	1	1
31192	68111	Silver	1	1	1
31206	68111	Silver	1	1	1
31229	68111	Silver	1	1	1
31237	68111	Silver	1	0.5	0.5
31262	68111	Silver	1	1	1
31300	68111	Silver	1	0.6	0.6
31303	68111	Silver	1	1	1
31316	68111	Silver	1	0.61	0.61
31357	68111	Silver	1	1	1
31360	68111	Silver	1	1	1
31361	68111	Silver	1	1	1
31362	68111	Silver	1	0.6	0.6
31365	68111	Silver	1	0.565	0.565
31366	68111	Silver	1	1	1
31377	68111	Silver	1	1	1
31398	68111	Silver	1	0.61	0.61
31408	68111	Silver	1	1	1
31433	68111	Silver	1	0.6	0.6
31442	68111	Silver	1	0.555	0.555
31444	68111	Silver	1	1	1
31457	68111	Silver	1	0.525	0.525
31478	68111	Silver	1	1	1
31517	68111	Silver	1	0.535	0.535
31583	68111	Silver	1	1	1
31603	68111	Silver	1	1.05	1.05
31607	68111	Silver	1	1	1
31615	68111	Silver	1	0.55	0.55

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31695	68111	Silver	1	1	1
31698	68111	Silver	1	1	1
31733	68111	Silver	1	1	1
31740	68111	Silver	1	1	1
31799	68111	Silver	1	1	1
31803	68111	Silver	1	1	1
31823	68111	Silver	1	1.2	1.2
31850	68111	Silver	1	1	1
31853	68111	Silver	1	1	1
31854	68111	Silver	1	0.6	0.6
31858	68111	Silver	1	1	1
31868	68111	Silver	1	1	1
31871	68111	Silver	1	1	1
31882	68111	Silver	1	1	1
31887	68111	Silver	1	0.55	0.55
31896	68111	Silver	1	1	1
31899	68111	Silver	1	1	1
31911	68111	Silver	1	1	1
31925	68111	Silver	1	1	1
31936	68111	Silver	1	1	1
31964	68111	Silver	1	1	1
31965	68111	Silver	1	1	1
31977	68111	Silver	1	0.525	0.525
31986	68111	Silver	1	1	1
32001	68111	Silver	1	1.2	1.2
32016	68111	Silver	1	1	1
32021	68111	Silver	1	0.545	0.545
32022	68111	Silver	1	0.64	0.64
32040	68111	Silver	1	1	1
32046	68111	Silver	1	1	1
32049	68111	Silver	1	1.05	1.05
32070	68111	Silver	1	1.05	1.05
32081	68111	Silver	1	1	1
32089	68111	Silver	1	1	1
32092	68111	Silver	1	1.2	1.2
32153	68111	Silver	1	0.52	0.52
32162	68111	Silver	1	1	1
32168	68111	Silver	1	0.575	0.575
32208	68111	Silver	1	0.52	0.52
32228	68111	Silver	1	1	1
32252	68111	Silver	1	1	1
32256	68111	Silver	1	0.56	0.56
32261	68111	Silver	1	1	1
32267	68111	Silver	1	1	1
32276	68111	Silver	1	0.545	0.545
32277	68111	Silver	1	0.675	0.675
32283	68111	Silver	1	0.565	0.565

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32284	68111	Silver	1	1.15	1.15
32287	68111	Silver	1	1	1
32293	68111	Silver	1	1	1
32311	68111	Silver	1	1	1
32316	68111	Silver	1	1	1
32325	68111	Silver	1	0.555	0.555
32339	68111	Silver	1	0.585	0.585
32346	68111	Silver	1	0.55	0.55
32414	68111	Silver	1	1	1
32418	68111	Silver	1	1	1
32428	68111	Silver	1	1	1
32429	68111	Silver	1	1	1
32441	68111	Silver	1	1	1
32444	68111	Silver	1	1	1
32455	68111	Silver	1	1	1
32456	68111	Silver	1	1	1
32458	68111	Silver	1	1	1
32497	68111	Silver	1	1	1
32502	68111	Silver	1	0.59	0.59
32539	68111	Silver	1	0.52	0.52
32547	68111	Silver	1	1	1
32562	68111	Silver	1	0.58	0.58
32581	68111	Silver	1	1	1
32596	68111	Silver	1	0.64	0.64
32633	68111	Silver	1	0.53	0.53
32673	68111	Silver	1	1	1
32678	68111	Silver	1	1	1
32686	68111	Silver	1	1	1
32696	68111	Silver	1	1	1
32702	68111	Silver	1	1.05	1.05
32708	68111	Silver	1	0.525	0.525
32736	68111	Silver	1	0.62	0.62
32775	68111	Silver	1	1	1
32779	68111	Silver	1	0.54	0.54
32780	68111	Silver	1	1	1
32783	68111	Silver	1	0.53	0.53
32818	68111	Silver	1	0.565	0.565
32847	68111	Silver	1	1	1
32851	68111	Silver	1	0.595	0.595
32852	68111	Silver	1	1	1
32874	68111	Silver	1	1	1
32876	68111	Silver	1	1	1
32891	68111	Silver	1	1	1
32896	68111	Silver	1	1	1
32912	68111	Silver	1	0.525	0.525
32914	68111	Silver	1	1.1	1.1
32931	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32940	68111	Silver	1	0.535	0.535
32949	68111	Silver	1	1	1
32968	68111	Silver	1	1	1
32972	68111	Silver	1	1	1
32973	68111	Silver	1	1	1
32974	68111	Silver	1	1	1
32989	68111	Silver	1	1	1
32992	68111	Silver	1	0.575	0.575
33009	68111	Silver	1	1	1
33012	68111	Silver	1	1	1
33014	68111	Silver	1	1	1
33036	68111	Silver	1	1	1
33037	68111	Silver	1	1	1
33042	68111	Silver	1	0.535	0.535
33043	68111	Silver	1	1.25	1.25
33060	68111	Silver	1	1	1
33062	68111	Silver	1	1	1
33120	68111	Silver	1	1	1
33177	68111	Silver	1	1	1
33207	68111	Silver	1	0.56	0.56
33296	68111	Silver	1	1	1
33314	68111	Silver	1	0.57	0.57
33317	68111	Silver	1	1	1
33350	68111	Silver	1	1	1
33372	68111	Silver	1	1.05	1.05
33392	68111	Silver	1	1	1
33453	68111	Silver	1	0.65	0.65
33456	68111	Silver	1	0.52	0.52
33480	68111	Silver	1	0.57	0.57
33492	68111	Silver	1	1	1
33600	68111	Silver	1	0.515	0.515
33607	68111	Silver	1	1	1
33630	68111	Silver	1	0.525	0.525
33631	68111	Silver	1	1	1
33647	68111	Silver	1	1	1
33696	68111	Silver	1	0.585	0.585
33711	68111	Silver	1	0.505	0.505
33741	68111	Silver	1	0.54	0.54
33772	68111	Silver	1	0.535	0.535
33803	68111	Silver	1	0.525	0.525
33805	68111	Silver	1	1	1
33806	68111	Silver	1	1	1
33818	68111	Silver	1	0.67	0.67
33831	68111	Silver	1	0.575	0.575
33833	68111	Silver	1	0.56	0.56
33856	68111	Silver	1	1	1
33863	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33875	68111	Silver	1	1	1
33903	68111	Silver	1	0.54	0.54
33915	68111	Silver	1	0.51	0.51
33947	68111	Silver	1	1	1
33997	68111	Silver	1	1	1
34037	68111	Silver	1	0.555	0.555
34040	68111	Silver	1	1	1
34059	68111	Silver	1	1	1
34060	68111	Silver	1	1	1
34075	68111	Silver	1	1	1
34088	68111	Silver	1	0.53	0.53
34126	68111	Silver	1	1	1
34128	68111	Silver	1	0.575	0.575
34142	68111	Silver	1	1	1
34173	68111	Silver	1	0.56	0.56
34179	68111	Silver	1	1	1
34200	68111	Silver	1	1	1
34219	68111	Silver	1	1.15	1.15
34222	68111	Silver	1	1	1
34224	68111	Silver	1	1.1	1.1
34225	68111	Silver	1	1	1
34247	68111	Silver	1	1	1
34251	68111	Silver	1	1	1
34255	68111	Silver	1	1	1
34257	68111	Silver	1	1	1
34320	68111	Silver	1	0.63	0.63
34371	68111	Silver	1	0.57	0.57
34377	68111	Silver	1	1	1
34387	68111	Silver	1	0.56	0.56
34396	68111	Silver	1	1.15	1.15
34430	68111	Silver	1	0.54	0.54
34444	68111	Silver	1	1	1
34478	68111	Silver	1	0.625	0.625
34503	68111	Silver	1	1	1
34560	68111	Silver	1	1.15	1.15
34562	68111	Silver	1	1	1
34595	68111	Silver	1	1.2	1.2
34621	68111	Silver	1	1	1
34626	68111	Silver	1	1	1
34639	68111	Silver	1	0.55	0.55
34663	68111	Silver	1	0.615	0.615
34669	68111	Silver	1	1	1
34691	68111	Silver	1	0.515	0.515
34703	68111	Silver	1	1	1
34766	68111	Silver	1	1	1
34778	68111	Silver	1	1	1
34888	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34892	68111	Silver	1	0.555	0.555
34904	68111	Silver	1	0.4965	0.4965
34917	68111	Silver	1	1.05	1.05
34923	68111	Silver	1	1	1
34936	68111	Silver	1	0.56	0.56
34948	68111	Silver	1	1	1
34953	68111	Silver	1	0.54	0.54
34985	68111	Silver	1	1.15	1.15
34993	68111	Silver	1	0.54	0.54
34999	68111	Silver	1	0.575	0.575
35003	68111	Silver	1	1	1
35014	68111	Silver	1	0.555	0.555
35042	68111	Silver	1	1.05	1.05
35043	68111	Silver	1	0.57	0.57
35059	68111	Silver	1	0.59	0.59
35072	68111	Silver	1	0.585	0.585
35095	68111	Silver	1	1	1
35137	68111	Silver	1	0.4915	0.4915
35152	68111	Silver	1	1	1
35223	68111	Silver	1	1	1
35233	68111	Silver	1	0.625	0.625
35242	68111	Silver	1	1	1
35252	68111	Silver	1	0.575	0.575
35273	68111	Silver	1	1	1
35285	68111	Silver	1	1	1
35287	68111	Silver	1	1	1
35288	68111	Silver	1	0.615	0.615
35290	68111	Silver	1	0.545	0.545
35350	68111	Silver	1	1	1
35404	68111	Silver	1	1	1
35417	68111	Silver	1	1	1
35458	68111	Silver	1	0.58	0.58
35495	68111	Silver	1	1	1
35503	68111	Silver	1	1	1
35513	68111	Silver	1	1	1
35517	68111	Silver	1	1.25	1.25
35536	68111	Silver	1	1	1
35575	68111	Silver	1	0.53	0.53
35614	68111	Silver	1	0.62	0.62
35619	68111	Silver	1	0.55	0.55
35786	68111	Silver	1	0.505	0.505
35821	68111	Silver	1	0.59	0.59
35822	68111	Silver	1	0.58	0.58
35826	68111	Silver	1	1	1
35830	68111	Silver	1	1.05	1.05
35877	68111	Silver	1	0.46	0.46
35921	68111	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35935	68111	Silver	1	1	1
35943	68111	Silver	1	1	1
35947	68111	Silver	1	1	1
35964	68111	Silver	1	1.1	1.1
35969	68111	Silver	1	1	1
36000	68111	Silver	1	1	1
36007	68111	Silver	1	1	1
36015	68111	Silver	1	0.95	0.95
36024	68111	Silver	1	1	1
36040	68111	Silver	1	0.545	0.545
36046	68111	Silver	1	1	1
36072	68111	Silver	1	1	1
36093	68111	Silver	1	1	1
36116	68111	Silver	1	1	1
36138	68111	Silver	1	1.05	1.05
36167	68111	Silver	1	1	1
36194	68111	Silver	1	0.53	0.53
36212	68111	Silver	1	0.54	0.54
36238	68111	Silver	1	0.52	0.52
36246	68111	Silver	1	1.81	1.81
36251	68111	Silver	1	0.57	0.57
36257	68111	Silver	1	1	1
36259	68111	Silver	1	0.555	0.555
36269	68111	Silver	1	0.57	0.57
36325	68111	Silver	1	0.497	0.497
36356	68111	Silver	1	0.595	0.595
36408	68111	Silver	1	0.61	0.61
36410	68111	Silver	1	1	1
36427	68111	Silver	1	1.05	1.05
36464	68111	Silver	1	0.58	0.58
36467	68111	Silver	1	0.57	0.57
36507	68111	Silver	1	0.555	0.555
36557	68111	Silver	1	0.57	0.57
36574	68111	Silver	1	1.05	1.05
36656	68111	Silver	1	1.05	1.05
36679	68111	Silver	1	1.2	1.2
36701	68111	Silver	1	0.4995	0.4995
36706	68111	Silver	1	0.52	0.52
36936	68111	Silver	1	0.525	0.525
37023	68111	Silver	1	1	1
37025	68111	Silver	1	1	1
37031	68111	Silver	1	1.05	1.05
37036	68111	Silver	1	1.15	1.15
37049	68111	Silver	1	0.585	0.585
37087	68111	Silver	1	0.468	0.468
37097	68111	Silver	1	1.1	1.1
37156	68111	Silver	1	0.585	0.585

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
37189	68111	Silver	1	0.492	0.492
37193	68111	Silver	1	0.545	0.545
37210	68111	Silver	1	0.575	0.575
37219	68111	Silver	1	1	1
37223	68111	Silver	1	0.605	0.605
37226	68111	Silver	1	1	1
37276	68111	Silver	1	1	1
37361	68111	Silver	1	0.525	0.525
37402	68111	Silver	1	0.52	0.52
37465	68111	Silver	1	0.53	0.53
37470	68111	Silver	1	0.54	0.54
37684	68111	Silver	1	0.58	0.58
37738	68111	Silver	1	0.53	0.53
37756	68111	Silver	1	1.2	1.2
37907	68111	Silver	2	0.56	0.575
37934	68111	Silver	1	0.54	0.54
38007	68111	Silver	1	1.05	1.05
38054	68111	Silver	1	1	1
38066	68111	Silver	1	0.56	0.56
38087	68111	Silver	1	0.51	0.51
38202	68111	Silver	1	0.59	0.59
38210	68111	Silver	1	0.57	0.57
38253	68111	Silver	1	0.525	0.525
38261	68111	Silver	1	1	1
38269	68111	Silver	1	1.15	1.15
38300	68111	Silver	1	1	1
38363	68111	Silver	1	0.555	0.555
38383	68111	Silver	1	1	1
38407	68111	Silver	1	0.515	0.515
38439	68111	Silver	1	0.56	0.56
38446	68111	Silver	1	1	1
38449	68111	Silver	1	0.585	0.585
38527	68111	Silver	1	0.575	0.575
38585	68111	Silver	1	1.15	1.15
38587	68111	Silver	1	1	1
38721	68111	Silver	1	0.58	0.58
38724	68111	Silver	1	0.535	0.535
38759	68111	Silver	1	0.665	0.665
38780	68111	Silver	1	1	1
38864	68111	Silver	1	1	1
49203	68111	Silver	1	1	1
49313	68111	Silver	1	1	1
49314	68111	Silver	1	0.565	0.565
49319	68111	Silver	1	1.1	1.1
49341	68111	Silver	1	0.51	0.51
49345	68111	Silver	1	1.05	1.05
49354	68111	Silver	1	1.1	1.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50024	68111	Silver	1	0.62	0.62
50049	68111	Silver	1	0.535	0.535
50080	68111	Silver	1	0.56	0.56
50105	68111	Silver	1	0.565	0.565
50107	68111	Silver	1	1	1
50120	68111	Silver	1	1	1
50146	68111	Silver	1	1	1
50356	68111	Silver	1	1	1
50404	68111	Silver	1	1	1
50410	68111	Silver	1	1	1
50417	68111	Silver	1	1	1
50424	68111	Silver	1	0.595	0.595
50434	68111	Silver	1	0.65	0.65
50447	68111	Silver	1	0.515	0.515
63239	68111	Silver	1	1.1	1.1
63751	68111	Silver	1	0.95	0.95
68070	68111	Silver	1	0.585	0.585
68686	68111	Silver	1	1.05	1.05
73862	68111	Silver	1	1.15	1.15
74664	68111	Silver	1	1.05	1.05
75011	68111	Silver	1	0.63	0.63
77146	68111	Silver	1	1	1
79703	68111	Silver	1	1.15	1.15
79704	68111	Silver	1	1.15	1.15
87761	68111	Silver	1	0.59	0.59
89893	68111	Silver	1	0.85	0.85
90107	68111	Silver	1	1.1	1.1
91234	68111	Silver	1	1.1	1.1
91335	68111	Silver	1	1.1	1.1
91926	68111	Silver	1	1.1	1.1
2269	68112	Silver	1	1	1
39755	68112	Silver	1	1	1
39951	68112	Silver	1	0.535	0.535
40194	68112	Silver	1	1	1
40523	68112	Silver	1	1.31	1.31
40879	68112	Silver	1	0.55	0.55
2097	68131	Silver	1	1	1
2156	68131	Silver	1	1	1
2165	68131	Silver	1	1	1
5037	68131	Silver	1	1	1
5150	68131	Silver	1	1	1
5153	68131	Silver	1	1	1
5186	68131	Silver	1	1	1
5188	68131	Silver	1	1	1
5195	68131	Silver	1	1	1
5197	68131	Silver	1	1	1
5260	68131	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5272	68131	Silver	1	1	1
5278	68131	Silver	1	1	1
5298	68131	Silver	1	1	1
5377	68131	Silver	1	0.1195	0.1195
5379	68131	Silver	1	0.1295	0.1295
5380	68131	Silver	1	0.347	0.347
22856	68131	Silver	1	1	1
23003	68131	Silver	1	1	1
23016	68131	Silver	1	1	1
23028	68131	Silver	1	1	1
23072	68131	Silver	1	0.65	0.65
23093	68131	Silver	1	1.05	1.05
23144	68131	Silver	1	0.61	0.61
23145	68131	Silver	1	1.1	1.1
23150	68131	Silver	1	1	1
23153	68131	Silver	1	1	1
23211	68131	Silver	1	0.545	0.545
23237	68131	Silver	1	0.555	0.555
23274	68131	Silver	1	1.05	1.05
23280	68131	Silver	1	1	1
23301	68131	Silver	1	1	1
23338	68131	Silver	1	0.61	0.61
23344	68131	Silver	1	0.565	0.565
23379	68131	Silver	1	0.525	0.525
23399	68131	Silver	1	0.545	0.545
23425	68131	Silver	1	1	1
23433	68131	Silver	1	1.05	1.05
23442	68131	Silver	1	0.505	0.505
23460	68131	Silver	1	1	1
23502	68131	Silver	1	0.555	0.555
23512	68131	Silver	1	0.56	0.56
23532	68131	Silver	1	1	1
23537	68131	Silver	1	1	1
23539	68131	Silver	1	0.535	0.535
23577	68131	Silver	1	0.515	0.515
23580	68131	Silver	1	1	1
23584	68131	Silver	1	1	1
23586	68131	Silver	1	1	1
23611	68131	Silver	1	0.515	0.515
23634	68131	Silver	1	1	1
23673	68131	Silver	1	1	1
23675	68131	Silver	1	0.56	0.56
23700	68131	Silver	1	1	1
23742	68131	Silver	1	1.2	1.2
23786	68131	Silver	1	1.1	1.1
23788	68131	Silver	1	1	1
23790	68131	Silver	1	0.515	0.515

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23817	68131	Silver	1	1	1
23822	68131	Silver	1	1	1
23824	68131	Silver	1	0.525	0.525
23845	68131	Silver	1	1	1
23872	68131	Silver	1	1	1
23895	68131	Silver	1	1	1
23899	68131	Silver	1	1	1
23922	68131	Silver	1	0.51	0.51
23930	68131	Silver	1	0.585	0.585
23961	68131	Silver	1	1	1
23967	68131	Silver	1	0.565	0.565
23968	68131	Silver	1	0.595	0.595
23985	68131	Silver	1	1	1
23986	68131	Silver	1	1	1
24000	68131	Silver	1	1	1
24010	68131	Silver	1	1	1
24019	68131	Silver	1	1	1
24027	68131	Silver	1	1	1
24098	68131	Silver	1	1	1
24109	68131	Silver	1	1	1
24119	68131	Silver	1	0.525	0.525
24126	68131	Silver	1	1	1
24132	68131	Silver	1	0.555	0.555
24141	68131	Silver	1	1	1
24156	68131	Silver	1	1	1
24162	68131	Silver	1	1	1
24182	68131	Silver	1	0.515	0.515
24190	68131	Silver	1	0.545	0.545
24214	68131	Silver	1	1	1
24240	68131	Silver	1	1	1
24272	68131	Silver	1	1	1
24274	68131	Silver	1	1	1
24277	68131	Silver	1	1	1
24334	68131	Silver	1	1	1
24348	68131	Silver	1	1	1
24357	68131	Silver	1	1	1
24358	68131	Silver	1	1	1
24367	68131	Silver	1	2.41	2.41
24370	68131	Silver	1	1	1
24374	68131	Silver	1	1	1
24376	68131	Silver	1	0.57	0.57
24390	68131	Silver	1	1	1
24396	68131	Silver	1	1.15	1.15
24411	68131	Silver	1	0.6	0.6
24451	68131	Silver	1	0.58	0.58
24457	68131	Silver	1	0.585	0.585
24577	68131	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24601	68131	Silver	1	1	1
24605	68131	Silver	1	0.56	0.56
24635	68131	Silver	1	1	1
24640	68131	Silver	1	0.55	0.55
24655	68131	Silver	1	0.515	0.515
24674	68131	Silver	1	1	1
24692	68131	Silver	1	1	1
24693	68131	Silver	1	0.545	0.545
24703	68131	Silver	1	1	1
24740	68131	Silver	1	0.62	0.62
24751	68131	Silver	1	1	1
24757	68131	Silver	1	1	1
24768	68131	Silver	1	1.05	1.05
24776	68131	Silver	1	0.555	0.555
24794	68131	Silver	1	1	1
24800	68131	Silver	1	1	1
24808	68131	Silver	1	1	1
24887	68131	Silver	1	1	1
24896	68131	Silver	1	1	1
24931	68131	Silver	1	1	1
24958	68131	Silver	1	1	1
24962	68131	Silver	1	0.53	0.53
24964	68131	Silver	1	0.525	0.525
25005	68131	Silver	1	1	1
25009	68131	Silver	1	1	1
25061	68131	Silver	1	0.55	0.55
25063	68131	Silver	1	0.545	0.545
25078	68131	Silver	1	0.625	0.625
25096	68131	Silver	1	0.56	0.56
25130	68131	Silver	1	1	1
25133	68131	Silver	1	1	1
25137	68131	Silver	1	1	1
25167	68131	Silver	1	0.55	0.55
25185	68131	Silver	1	1	1
25189	68131	Silver	1	1	1
25193	68131	Silver	1	1	1
25202	68131	Silver	1	0.53	0.53
25204	68131	Silver	1	0.575	0.575
25231	68131	Silver	1	1	1
25242	68131	Silver	1	1	1
25281	68131	Silver	1	0.585	0.585
25285	68131	Silver	1	1	1
25296	68131	Silver	1	0.53	0.53
25315	68131	Silver	1	0.585	0.585
25324	68131	Silver	1	0.565	0.565
25329	68131	Silver	1	1	1
25331	68131	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25335	68131	Silver	1	1.05	1.05
25337	68131	Silver	1	1.05	1.05
25385	68131	Silver	1	0.545	0.545
25391	68131	Silver	1	1	1
25410	68131	Silver	1	1	1
25425	68131	Silver	1	1	1
25456	68131	Silver	1	1.05	1.05
25547	68131	Silver	1	0.56	0.56
25554	68131	Silver	1	0.5	0.5
25558	68131	Silver	1	1	1
25579	68131	Silver	1	0.605	0.605
25604	68131	Silver	1	0.58	0.58
25607	68131	Silver	1	0.595	0.595
25634	68131	Silver	1	1	1
25657	68131	Silver	1	1	1
50446	68131	Silver	1	1	1
89514	68131	Silver	1	1.05	1.05
93114	68131	Silver	1	1.1	1.1
93413	68131	Silver	1	1	1
93419	68131	Silver	1	1	1
5139	68132	Silver	1	1	1
5140	68132	Silver	1	1	1
5313	68132	Silver	1	1	1
5317	68132	Silver	1	1	1
49490	68132	Silver	1	1	1
49500	68132	Silver	1	1	1
49505	68132	Silver	1	0.575	0.575
49521	68132	Silver	1	1.05	1.05
49544	68132	Silver	1	0.55	0.55
49558	68132	Silver	1	1	1
49578	68132	Silver	1	0.575	0.575
49618	68132	Silver	1	1	1
49625	68132	Silver	1	0.525	0.525
49627	68132	Silver	1	0.525	0.525
49628	68132	Silver	1	1.1	1.1
49642	68132	Silver	1	0.585	0.585
49663	68132	Silver	1	0.545	0.545
49671	68132	Silver	1	0.635	0.635
49672	68132	Silver	1	1	1
49676	68132	Silver	1	0.56	0.56
49678	68132	Silver	1	0.56	0.56
49682	68132	Silver	1	1.05	1.05
49697	68132	Silver	1	0.555	0.555
49701	68132	Silver	1	1	1
49704	68132	Silver	1	1.15	1.15
49716	68132	Silver	1	1	1
49717	68132	Silver	1	1.05	1.05

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49724	68132	Silver	1	1.15	1.15
49725	68132	Silver	1	0.595	0.595
49726	68132	Silver	1	1	1
49727	68132	Silver	1	0.625	0.625
49736	68132	Silver	1	0.95	0.95
49739	68132	Silver	1	1	1
49759	68132	Silver	1	1	1
49760	68132	Silver	1	1	1
49774	68132	Silver	1	0.53	0.53
49781	68132	Silver	1	0.51	0.51
49783	68132	Silver	1	0.56	0.56
49793	68132	Silver	1	1	1
49800	68132	Silver	1	0.488	0.488
49806	68132	Silver	1	0.492	0.492
49812	68132	Silver	1	0.56	0.56
49819	68132	Silver	1	0.535	0.535
49833	68132	Silver	1	0.575	0.575
49846	68132	Silver	1	0.58	0.58
49852	68132	Silver	1	0.505	0.505
49853	68132	Silver	1	0.5	0.5
49855	68132	Silver	1	0.585	0.585
49863	68132	Silver	1	0.56	0.56
49884	68132	Silver	1	0.55	0.55
49892	68132	Silver	1	0.61	0.61
49902	68132	Silver	1	0.62	0.62
49907	68132	Silver	1	0.595	0.595
49911	68132	Silver	1	0.545	0.545
49913	68132	Silver	1	0.555	0.555
49918	68132	Silver	1	1	1
49922	68132	Silver	1	0.57	0.57
49929	68132	Silver	1	0.545	0.545
49931	68132	Silver	1	0.625	0.625
49936	68132	Silver	1	1	1
49941	68132	Silver	1	1	1
49943	68132	Silver	1	1	1
49953	68132	Silver	1	0.545	0.545
49956	68132	Silver	1	0.585	0.585
49958	68132	Silver	1	0.625	0.625
49961	68132	Silver	1	0.58	0.58
49971	68132	Silver	1	0.54	0.54
49974	68132	Silver	1	1	1
49986	68132	Silver	1	0.575	0.575
49994	68132	Silver	1	1	1
49995	68132	Silver	1	1.05	1.05
50479	68132	Silver	1	1	1
50484	68132	Silver	1	1	1
50485	68132	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50536	68132	Silver	1	0.57	0.57
51190	68132	Silver	1	1	1
51214	68132	Silver	1	1	1
51217	68132	Silver	1	1	1
51225	68132	Silver	1	0.57	0.57
51228	68132	Silver	1	1	1
51234	68132	Silver	1	1	1
51256	68132	Silver	1	1	1
51263	68132	Silver	1	1	1
51270	68132	Silver	1	1	1
51278	68132	Silver	1	0.595	0.595
51280	68132	Silver	1	0.545	0.545
51327	68132	Silver	1	1	1
51349	68132	Silver	1	0.4815	0.4815
51361	68132	Silver	1	0.545	0.545
51369	68132	Silver	1	0.525	0.525
51381	68132	Silver	1	0.95	0.95
51391	68132	Silver	1	1	1
51392	68132	Silver	1	0.525	0.525
51394	68132	Silver	1	0.57	0.57
51401	68132	Silver	1	0.95	0.95
51412	68132	Silver	1	0.95	0.95
51437	68132	Silver	1	0.59	0.59
51440	68132	Silver	1	1	1
51457	68132	Silver	1	0.63	0.63
51483	68132	Silver	1	0.53	0.53
51492	68132	Silver	1	0.565	0.565
51504	68132	Silver	1	1	1
51512	68132	Silver	1	1	1
51519	68132	Silver	1	0.54	0.54
51525	68132	Silver	1	1.05	1.05
51544	68132	Silver	1	1.1	1.1
51546	68132	Silver	1	1	1
51551	68132	Silver	1	1	1
51569	68132	Silver	1	1	1
51587	68132	Silver	1	0.545	0.545
51588	68132	Silver	1	1.05	1.05
51598	68132	Silver	1	0.545	0.545
51600	68132	Silver	1	1.79	1.79
51607	68132	Silver	1	1	1
51630	68132	Silver	1	0.95	0.95
51640	68132	Silver	1	0.52	0.52
51645	68132	Silver	1	0.585	0.585
51646	68132	Silver	1	0.57	0.57
51659	68132	Silver	1	0.595	0.595
51667	68132	Silver	1	1	1
51671	68132	Silver	1	0.6	0.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51676	68132	Silver	1	1	1
51705	68132	Silver	1	1	1
51706	68132	Silver	1	0.61	0.61
51708	68132	Silver	1	1	1
51710	68132	Silver	1	1.15	1.15
51712	68132	Silver	1	0.595	0.595
51735	68132	Silver	1	1	1
51750	68132	Silver	1	1	1
51752	68132	Silver	1	1	1
51767	68132	Silver	1	1	1
51769	68132	Silver	1	0.595	0.595
51779	68132	Silver	1	1	1
51780	68132	Silver	1	1	1
51785	68132	Silver	1	1	1
51790	68132	Silver	1	0.57	0.57
51800	68132	Silver	1	1	1
51803	68132	Silver	1	1	1
51805	68132	Silver	1	1.05	1.05
51807	68132	Silver	1	1.05	1.05
51808	68132	Silver	1	1	1
51820	68132	Silver	1	1	1
51829	68132	Silver	1	1	1
51840	68132	Silver	1	1	1
51844	68132	Silver	1	1.2	1.2
51846	68132	Silver	1	1.05	1.05
51847	68132	Silver	1	1	1
51854	68132	Silver	1	0.56	0.56
51855	68132	Silver	1	1	1
51857	68132	Silver	1	1	1
51861	68132	Silver	1	1	1
51863	68132	Silver	1	1	1
51866	68132	Silver	1	0.605	0.605
51872	68132	Silver	1	1	1
51897	68132	Silver	1	1	1
51918	68132	Silver	1	0.555	0.555
51921	68132	Silver	1	0.53	0.53
51938	68132	Silver	1	0.605	0.605
51946	68132	Silver	1	1.1	1.1
51949	68132	Silver	1	1	1
51959	68132	Silver	1	2.47	2.47
51960	68132	Silver	1	1.1	1.1
51972	68132	Silver	1	1	1
51990	68132	Silver	1	1.1	1.1
51997	68132	Silver	1	1	1
52023	68132	Silver	1	1	1
52035	68132	Silver	1	1	1
52046	68132	Silver	1	1	1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52054	68132	Silver	1	1	1
52059	68132	Silver	1	0.95	0.95
52075	68132	Silver	1	0.555	0.555
52078	68132	Silver	1	0.55	0.55
52080	68132	Silver	1	0.59	0.59
52085	68132	Silver	1	0.555	0.555
52090	68132	Silver	1	0.555	0.555
52091	68132	Silver	1	1	1
52097	68132	Silver	1	0.555	0.555
52101	68132	Silver	1	0.535	0.535
52106	68132	Silver	1	1	1
52112	68132	Silver	1	0.535	0.535
52119	68132	Silver	1	1	1
52122	68132	Silver	1	0.95	0.95
52128	68132	Silver	1	1.25	1.25
52129	68132	Silver	1	1	1
52137	68132	Silver	1	0.59	0.59
52140	68132	Silver	1	0.59	0.59
52141	68132	Silver	1	1	1
52150	68132	Silver	1	0.575	0.575
52155	68132	Silver	2	1.075	1.1
52158	68132	Silver	1	1	1
52166	68132	Silver	1	1	1
52167	68132	Silver	1	0.53	0.53
52177	68132	Silver	1	1	1
52178	68132	Silver	1	1	1
52181	68132	Silver	1	1	1
52186	68132	Silver	1	1	1
52187	68132	Silver	1	1	1
52190	68132	Silver	1	0.565	0.565
52192	68132	Silver	1	1.1	1.1
52198	68132	Silver	1	0.9	0.9
52202	68132	Silver	1	0.545	0.545
52206	68132	Silver	1	1	1
52214	68132	Silver	1	0.615	0.615
52226	68132	Silver	1	1	1
52228	68132	Silver	1	0.58	0.58
52243	68132	Silver	1	1	1
52244	68132	Silver	1	1.05	1.05
52246	68132	Silver	1	0.54	0.54
52327	68132	Silver	1	1	1
52336	68132	Silver	1	1	1
52356	68132	Silver	1	1	1
52357	68132	Silver	1	1.25	1.25
52367	68132	Silver	1	0.595	0.595
52378	68132	Silver	1	0.565	0.565
52386	68132	Silver	1	1.15	1.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52387	68132	Silver	1	0.545	0.545
52411	68132	Silver	1	0.56	0.56
63007	68132	Silver	1	1.05	1.05
66781	68132	Silver	1	1.1	1.1
66791	68132	Silver	1	0.95	0.95
92431	68132	Silver	1	1.15	1.15
2133	68104	Sodium	1	85.2	85.2
5026	68104	Sodium	1	126	126
5143	68104	Sodium	1	84.5	84.5
5144	68104	Sodium	1	132	132
5145	68104	Sodium	1	95.7	95.7
5147	68104	Sodium	1	94	94
2229	68105	Sodium	1	176	176
2299	68105	Sodium	1	776	776
2300	68105	Sodium	1	887	887
2308	68105	Sodium	1	891	891
3076	68105	Sodium	1	897	897
3118	68105	Sodium	1	870	870
5054	68105	Sodium	1	285	285
5057	68105	Sodium	1	198	198
5105	68105	Sodium	1	113	113
5109	68105	Sodium	1	93.8	93.8
5110	68105	Sodium	1	130	130
5112	68105	Sodium	1	105	105
5117	68105	Sodium	1	179	179
5123	68105	Sodium	1	132	132
5128	68105	Sodium	1	138	138
5129	68105	Sodium	1	254	254
5132	68105	Sodium	1	112	112
5134	68105	Sodium	1	168	168
5338	68105	Sodium	1	626	626
5347	68105	Sodium	1	424	424
5351	68105	Sodium	1	2.23	2.23
5352	68105	Sodium	1	364	364
5355	68105	Sodium	1	414	414
5356	68105	Sodium	1	576	576
5357	68105	Sodium	1	379	379
5359	68105	Sodium	1	372	372
5361	68105	Sodium	1	338	338
5363	68105	Sodium	1	499	499
5364	68105	Sodium	1	739	739
5365	68105	Sodium	1	567	567
5367	68105	Sodium	1	442	442
5486	68105	Sodium	1	439	439
5488	68105	Sodium	1	357	357
5489	68105	Sodium	1	447	447
5495	68105	Sodium	1	445	445

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5509	68105	Sodium	1	449	449
5610	68105	Sodium	1	491	491
2030	68107	Sodium	1	127	127
2038	68107	Sodium	1	722	722
2104	68107	Sodium	1	363	363
2124	68107	Sodium	1	241	241
2167	68107	Sodium	1	122	122
2206	68107	Sodium	1	309	309
2252	68107	Sodium	1	157	157
2273	68107	Sodium	1	266	266
2292	68107	Sodium	1	706	706
3003	68107	Sodium	1	213	213
3021	68107	Sodium	1	190	190
3074	68107	Sodium	1	810	810
3121	68107	Sodium	1	802	802
5066	68107	Sodium	1	218	218
5076	68107	Sodium	1	141	141
5130	68107	Sodium	1	161	161
5157	68107	Sodium	1	186	186
5159	68107	Sodium	1	187	187
5161	68107	Sodium	1	142	142
5163	68107	Sodium	1	164	164
5165	68107	Sodium	1	172	172
5166	68107	Sodium	1	186	186
5172	68107	Sodium	1	206	206
5176	68107	Sodium	1	149	149
5178	68107	Sodium	1	108	108
5180	68107	Sodium	1	111	111
5182	68107	Sodium	1	247	247
5183	68107	Sodium	1	143	143
5185	68107	Sodium	1	150	150
5211	68107	Sodium	1	55	55
5212	68107	Sodium	1	122	122
2170	68108	Sodium	1	57	57
5225	68108	Sodium	1	156	156
5227	68108	Sodium	1	170	170
5229	68108	Sodium	1	165	165
5284	68108	Sodium	1	204	204
5300	68108	Sodium	1	496	496
5304	68108	Sodium	1	159	159
5306	68108	Sodium	1	191	191
5332	68108	Sodium	1	917	917
5387	68108	Sodium	1	453	453
5390	68108	Sodium	1	442	442
5394	68108	Sodium	1	596	596
5395	68108	Sodium	1	423	423
5398	68108	Sodium	1	429	429

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5403	68108	Sodium	1	415	415
5407	68108	Sodium	1	437	437
5408	68108	Sodium	1	396	396
5409	68108	Sodium	1	350	350
5416	68108	Sodium	1	523	523
5418	68108	Sodium	1	405	405
5422	68108	Sodium	1	338	338
5425	68108	Sodium	1	429	429
5426	68108	Sodium	1	355	355
5427	68108	Sodium	1	407	407
5429	68108	Sodium	1	550	550
5431	68108	Sodium	1	405	405
5432	68108	Sodium	1	434	434
5449	68108	Sodium	1	397	397
5450	68108	Sodium	1	420	420
5454	68108	Sodium	1	447	447
5460	68108	Sodium	1	442	442
5463	68108	Sodium	1	479	479
5467	68108	Sodium	1	384	384
5472	68108	Sodium	1	386	386
5473	68108	Sodium	1	417	417
5474	68108	Sodium	1	402	402
5480	68108	Sodium	1	492	492
5483	68108	Sodium	1	410	410
5485	68108	Sodium	1	408	408
5492	68108	Sodium	1	413	413
5505	68108	Sodium	1	398	398
5572	68108	Sodium	1	384	384
5607	68108	Sodium	1	370	370
5608	68108	Sodium	1	369	369
5623	68108	Sodium	1	384	384
5628	68108	Sodium	1	349	349
5630	68108	Sodium	1	388	388
5636	68108	Sodium	1	470	470
5637	68108	Sodium	1	463	463
5652	68108	Sodium	1	351	351
2069	68110	Sodium	1	101	101
2280	68110	Sodium	1	856	856
2354	68110	Sodium	1	205	205
3136	68110	Sodium	1	846	846
5258	68110	Sodium	1	273	273
5388	68110	Sodium	1	369	369
5520	68110	Sodium	1	547	547
5525	68110	Sodium	1	475	475
5527	68110	Sodium	1	457	457
5530	68110	Sodium	1	414	414
5532	68110	Sodium	1	416	416

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5536	68110	Sodium	1	334	334
5541	68110	Sodium	1	490	490
5544	68110	Sodium	1	376	376
5546	68110	Sodium	1	358	358
5551	68110	Sodium	1	521	521
5559	68110	Sodium	1	359	359
5560	68110	Sodium	1	439	439
5561	68110	Sodium	1	344	344
5563	68110	Sodium	1	367	367
5565	68110	Sodium	1	359	359
5566	68110	Sodium	1	507	507
5612	68110	Sodium	1	435	435
5614	68110	Sodium	1	424	424
5641	68110	Sodium	1	413	413
5651	68110	Sodium	1	459	459
2035	68111	Sodium	1	189	189
2075	68111	Sodium	1	110	110
2103	68111	Sodium	1	227	227
2109	68111	Sodium	1	115	115
2121	68111	Sodium	1	241	241
2126	68111	Sodium	1	230	230
2154	68111	Sodium	1	99	99
2179	68111	Sodium	1	206	206
2216	68111	Sodium	1	123	123
2225	68111	Sodium	1	467	467
2231	68111	Sodium	1	157	157
2262	68111	Sodium	1	130	130
2365	68111	Sodium	1	616	616
3046	68111	Sodium	1	902	902
3051	68111	Sodium	1	757	757
3058	68111	Sodium	1	930	930
3091	68111	Sodium	1	863	863
3133	68111	Sodium	1	974	974
3151	68111	Sodium	1	1430	1430
5013	68111	Sodium	1	130	130
5085	68111	Sodium	1	111	111
5170	68111	Sodium	1	189	189
5171	68111	Sodium	1	303	303
5204	68111	Sodium	1	122	122
5206	68111	Sodium	1	127	127
5208	68111	Sodium	1	114	114
5215	68111	Sodium	1	79.2	79.2
5221	68111	Sodium	1	230	230
5230	68111	Sodium	1	110	110
5232	68111	Sodium	1	139	139
5234	68111	Sodium	1	157	157
5236	68111	Sodium	1	202	202

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5238	68111	Sodium	1	174	174
5240	68111	Sodium	1	100	100
5242	68111	Sodium	1	124	124
5246	68111	Sodium	1	206	206
5288	68111	Sodium	1	154	154
5296	68111	Sodium	1	169	169
5330	68111	Sodium	1	903	903
5333	68111	Sodium	1	694	694
5513	68111	Sodium	1	469	469
5514	68111	Sodium	1	339	339
5618	68111	Sodium	1	466	466
2269	68112	Sodium	1	260	260
2097	68131	Sodium	1	239	239
2156	68131	Sodium	1	121	121
5037	68131	Sodium	1	244	244
5150	68131	Sodium	1	224	224
5153	68131	Sodium	1	157	157
5186	68131	Sodium	1	110	110
5188	68131	Sodium	1	204	204
5195	68131	Sodium	1	158	158
5197	68131	Sodium	1	164	164
5260	68131	Sodium	1	117	117
5272	68131	Sodium	1	242	242
5278	68131	Sodium	1	195	195
5298	68131	Sodium	1	239	239
5377	68131	Sodium	1	392	392
5379	68131	Sodium	1	369	369
5380	68131	Sodium	1	371	371
5139	68132	Sodium	1	108	108
5140	68132	Sodium	1	129	129
5313	68132	Sodium	1	341	341
5317	68132	Sodium	1	156	156
22493	68102	Thallium	1	1.505	1.505
25567	68102	Thallium	1	5	5
25717	68102	Thallium	1	4.44	4.44
25720	68102	Thallium	1	5	5
25914	68102	Thallium	1	1.325	1.325
90101	68102	Thallium	1	4.95	4.95
2133	68104	Thallium	1	5	5
5026	68104	Thallium	1	5	5
5143	68104	Thallium	1	5	5
5144	68104	Thallium	1	5	5
5145	68104	Thallium	1	5	5
5147	68104	Thallium	1	5	5
50647	68104	Thallium	1	1.41	1.41
1626	68105	Thallium	1	1.39	1.39
2229	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2299	68105	Thallium	1	0.57	0.57
2300	68105	Thallium	1	0.535	0.535
2308	68105	Thallium	1	0.56	0.56
2441	68105	Thallium	1	5	5
2448	68105	Thallium	1	1.385	1.385
2465	68105	Thallium	1	1.455	1.455
3076	68105	Thallium	1	0.57	0.57
3118	68105	Thallium	1	0.58	0.58
5054	68105	Thallium	1	5	5
5057	68105	Thallium	1	5	5
5105	68105	Thallium	1	5	5
5109	68105	Thallium	1	5	5
5110	68105	Thallium	1	5	5
5112	68105	Thallium	1	5	5
5117	68105	Thallium	1	5	5
5123	68105	Thallium	1	5	5
5128	68105	Thallium	1	5	5
5129	68105	Thallium	1	5	5
5132	68105	Thallium	1	5	5
5134	68105	Thallium	1	5	5
5325	68105	Thallium	1	1.545	1.545
5338	68105	Thallium	1	1.29	1.29
5347	68105	Thallium	1	1.68	1.68
5351	68105	Thallium	1	0.3845	0.3845
5352	68105	Thallium	1	0.735	0.735
5355	68105	Thallium	1	0.795	0.795
5356	68105	Thallium	1	1.55	1.55
5357	68105	Thallium	1	1.11	1.11
5359	68105	Thallium	1	0.956	0.956
5361	68105	Thallium	1	0.725	0.725
5363	68105	Thallium	1	0.375	0.375
5364	68105	Thallium	1	1.16	1.16
5365	68105	Thallium	1	0.3525	0.3525
5367	68105	Thallium	1	0.322	0.322
5486	68105	Thallium	1	0.387	0.387
5488	68105	Thallium	1	0.74	0.74
5489	68105	Thallium	1	0.755	0.755
5495	68105	Thallium	1	0.725	0.725
5509	68105	Thallium	1	0.785	0.785
5610	68105	Thallium	1	0.805	0.805
12784	68105	Thallium	1	5	5
12864	68105	Thallium	1	1.535	1.535
12875	68105	Thallium	1	1.285	1.285
12886	68105	Thallium	1	1.3	1.3
12964	68105	Thallium	1	5	5
12995	68105	Thallium	1	5	5
13069	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13073	68105	Thallium	1	1.455	1.455
13092	68105	Thallium	1	1.425	1.425
13166	68105	Thallium	1	5	5
13185	68105	Thallium	1	1.4	1.4
13187	68105	Thallium	1	5.25	5.25
13191	68105	Thallium	1	5	5
13204	68105	Thallium	1	5	5
13209	68105	Thallium	1	5	5
13237	68105	Thallium	1	1.405	1.405
13240	68105	Thallium	1	5	5
13245	68105	Thallium	1	5	5
13248	68105	Thallium	1	1.375	1.375
13273	68105	Thallium	1	1.365	1.365
13283	68105	Thallium	1	1.26	1.26
13322	68105	Thallium	1	3.2	3.2
13336	68105	Thallium	1	1.575	1.575
13370	68105	Thallium	1	1.645	1.645
13381	68105	Thallium	1	5.3	5.3
13389	68105	Thallium	1	5	5
13403	68105	Thallium	1	5	5
13437	68105	Thallium	1	5.2	5.2
13438	68105	Thallium	1	1.285	1.285
13460	68105	Thallium	1	5	5
13476	68105	Thallium	1	1.36	1.36
13573	68105	Thallium	1	5	5
13577	68105	Thallium	1	5	5
13611	68105	Thallium	1	5	5
13656	68105	Thallium	1	1.465	1.465
13690	68105	Thallium	1	5	5
13731	68105	Thallium	1	5	5
13735	68105	Thallium	1	5	5
13741	68105	Thallium	1	5	5
13745	68105	Thallium	1	5	5
13779	68105	Thallium	1	1.33	1.33
13790	68105	Thallium	1	1.375	1.375
13791	68105	Thallium	1	5	5
13793	68105	Thallium	1	5	5
13851	68105	Thallium	1	1.415	1.415
13863	68105	Thallium	1	25.2	25.2
13869	68105	Thallium	1	1.405	1.405
13871	68105	Thallium	1	5	5
13880	68105	Thallium	1	1.39	1.39
13918	68105	Thallium	1	5	5
13919	68105	Thallium	1	1.505	1.505
13935	68105	Thallium	1	5	5
13984	68105	Thallium	1	5	5
14003	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
14024	68105	Thallium	1	5	5
14050	68105	Thallium	1	5	5
14063	68105	Thallium	1	5	5
14080	68105	Thallium	1	1.5	1.5
14098	68105	Thallium	1	5	5
14199	68105	Thallium	1	5	5
14238	68105	Thallium	1	5	5
14322	68105	Thallium	1	5	5
14326	68105	Thallium	1	5	5
14341	68105	Thallium	1	1.625	1.625
14407	68105	Thallium	1	1.765	1.765
14410	68105	Thallium	1	5	5
14460	68105	Thallium	1	5	5
14492	68105	Thallium	1	1.36	1.36
14525	68105	Thallium	1	1.43	1.43
14528	68105	Thallium	1	5	5
14536	68105	Thallium	1	1.475	1.475
14544	68105	Thallium	1	5.15	5.15
14556	68105	Thallium	1	5	5
14557	68105	Thallium	1	1.255	1.255
14577	68105	Thallium	1	5.45	5.45
14602	68105	Thallium	1	5	5
14647	68105	Thallium	1	1.485	1.485
14656	68105	Thallium	1	5.4	5.4
14688	68105	Thallium	1	5	5
14718	68105	Thallium	1	5	5
14739	68105	Thallium	1	1.37	1.37
14752	68105	Thallium	1	5	5
14780	68105	Thallium	1	5.1	5.1
14817	68105	Thallium	1	1.445	1.445
14823	68105	Thallium	1	5	5
14860	68105	Thallium	1	22	22
14885	68105	Thallium	1	5	5
14913	68105	Thallium	1	5	5
14959	68105	Thallium	1	5	5
14964	68105	Thallium	1	1.385	1.385
14976	68105	Thallium	1	5.3	5.3
14992	68105	Thallium	1	5	5
15003	68105	Thallium	1	5	5
15044	68105	Thallium	1	5	5
15045	68105	Thallium	1	5	5
15058	68105	Thallium	1	5	5
15060	68105	Thallium	1	5	5
15091	68105	Thallium	1	4.85	4.85
15106	68105	Thallium	1	5	5
15166	68105	Thallium	1	5	5
15227	68105	Thallium	1	1.36	1.36

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15231	68105	Thallium	1	1.315	1.315
15255	68105	Thallium	1	5	5
15278	68105	Thallium	1	1.275	1.275
15279	68105	Thallium	1	1.555	1.555
15292	68105	Thallium	1	1.465	1.465
15299	68105	Thallium	1	1.31	1.31
15308	68105	Thallium	1	5	5
15317	68105	Thallium	1	1.41	1.41
15329	68105	Thallium	1	1.3	1.3
15336	68105	Thallium	1	1.22	1.22
15348	68105	Thallium	1	5	5
15363	68105	Thallium	1	5	5
15372	68105	Thallium	1	5	5
15416	68105	Thallium	2	3.2	5
15496	68105	Thallium	1	5	5
15519	68105	Thallium	1	5	5
15526	68105	Thallium	1	5	5
15577	68105	Thallium	1	5	5
15587	68105	Thallium	1	6.27	6.27
15611	68105	Thallium	1	5.7	5.7
15651	68105	Thallium	1	5	5
15686	68105	Thallium	1	5	5
15695	68105	Thallium	1	5	5
15728	68105	Thallium	1	5.3	5.3
15801	68105	Thallium	1	5	5
15835	68105	Thallium	1	1.355	1.355
15842	68105	Thallium	1	5	5
15871	68105	Thallium	1	5	5
15891	68105	Thallium	1	5.85	5.85
15918	68105	Thallium	1	5	5
15959	68105	Thallium	1	5	5
15985	68105	Thallium	1	5.4	5.4
15988	68105	Thallium	1	1.59	1.59
16027	68105	Thallium	1	5	5
16072	68105	Thallium	1	5.3	5.3
16094	68105	Thallium	1	5.05	5.05
16098	68105	Thallium	1	5	5
16123	68105	Thallium	1	5	5
16155	68105	Thallium	1	5.15	5.15
16169	68105	Thallium	1	5	5
16182	68105	Thallium	1	5	5
16186	68105	Thallium	1	1.45	1.45
16230	68105	Thallium	1	1.415	1.415
16236	68105	Thallium	1	5	5
16243	68105	Thallium	1	5	5
16271	68105	Thallium	1	5.25	5.25
16308	68105	Thallium	1	5.35	5.35

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
16309	68105	Thallium	1	5	5
16321	68105	Thallium	1	1.52	1.52
16333	68105	Thallium	1	5	5
16364	68105	Thallium	1	1.285	1.285
16365	68105	Thallium	1	5	5
16384	68105	Thallium	1	5.1	5.1
16395	68105	Thallium	1	5	5
16420	68105	Thallium	1	1.405	1.405
16472	68105	Thallium	1	5	5
16473	68105	Thallium	1	4.01	4.01
16478	68105	Thallium	1	1.47	1.47
16486	68105	Thallium	1	5	5
16499	68105	Thallium	1	5	5
16545	68105	Thallium	1	5	5
16572	68105	Thallium	1	1.345	1.345
16589	68105	Thallium	1	5.25	5.25
16618	68105	Thallium	1	5	5
16646	68105	Thallium	1	5	5
16668	68105	Thallium	1	1.3	1.3
16749	68105	Thallium	1	5	5
16772	68105	Thallium	1	5	5
16777	68105	Thallium	1	1.35	1.35
16793	68105	Thallium	1	5.3	5.3
16851	68105	Thallium	1	5	5
16866	68105	Thallium	1	12	12
16869	68105	Thallium	1	5	5
16889	68105	Thallium	1	5	5
16893	68105	Thallium	1	5	5
16922	68105	Thallium	1	5.05	5.05
16928	68105	Thallium	1	5	5
16946	68105	Thallium	1	5	5
16963	68105	Thallium	1	5	5
16974	68105	Thallium	1	5	5
17040	68105	Thallium	1	5	5
17055	68105	Thallium	1	1.44	1.44
17065	68105	Thallium	1	1.495	1.495
17076	68105	Thallium	1	5	5
17097	68105	Thallium	1	5	5
17108	68105	Thallium	1	4.7	4.7
17142	68105	Thallium	1	5	5
17179	68105	Thallium	1	1.67	1.67
17198	68105	Thallium	1	1.33	1.33
17199	68105	Thallium	1	5	5
17270	68105	Thallium	1	5	5
17298	68105	Thallium	1	5	5
17300	68105	Thallium	1	5	5
17348	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17374	68105	Thallium	1	6.1	6.1
17379	68105	Thallium	1	1.52	1.52
17542	68105	Thallium	1	5	5
17557	68105	Thallium	1	1.54	1.54
17719	68105	Thallium	1	1.695	1.695
17725	68105	Thallium	1	5	5
17745	68105	Thallium	1	5.71	5.71
17753	68105	Thallium	1	5	5
17802	68105	Thallium	1	5	5
17803	68105	Thallium	1	1.275	1.275
17827	68105	Thallium	1	1.425	1.425
17876	68105	Thallium	1	5.1	5.1
17899	68105	Thallium	1	1.23	1.23
17918	68105	Thallium	1	5	5
17934	68105	Thallium	1	1.46	1.46
17935	68105	Thallium	1	1.295	1.295
18036	68105	Thallium	1	1.465	1.465
18133	68105	Thallium	1	5	5
18147	68105	Thallium	1	5	5
18177	68105	Thallium	1	1.22	1.22
18187	68105	Thallium	1	5	5
18189	68105	Thallium	1	5	5
18281	68105	Thallium	1	3.92	3.92
18321	68105	Thallium	1	1.41	1.41
18349	68105	Thallium	1	5	5
18452	68105	Thallium	1	5	5
18453	68105	Thallium	1	5	5
18469	68105	Thallium	1	4.07	4.07
18499	68105	Thallium	1	1.43	1.43
18561	68105	Thallium	1	5	5
18573	68105	Thallium	1	5	5
18598	68105	Thallium	1	5	5
18610	68105	Thallium	1	5	5
18654	68105	Thallium	1	5	5
18661	68105	Thallium	1	1.26	1.26
18673	68105	Thallium	1	1.465	1.465
18676	68105	Thallium	1	5	5
18693	68105	Thallium	1	5.7	5.7
18757	68105	Thallium	1	5	5
18787	68105	Thallium	1	5	5
18797	68105	Thallium	1	5	5
18825	68105	Thallium	1	5	5
18839	68105	Thallium	1	1.28	1.28
18871	68105	Thallium	1	1.255	1.255
18882	68105	Thallium	1	5	5
18898	68105	Thallium	1	1.335	1.335
18927	68105	Thallium	1	1.305	1.305

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18934	68105	Thallium	1	1.47	1.47
19015	68105	Thallium	1	5	5
19028	68105	Thallium	1	1.6	1.6
19127	68105	Thallium	1	1.325	1.325
19129	68105	Thallium	1	5	5
19169	68105	Thallium	1	5	5
19288	68105	Thallium	1	5.35	5.35
19310	68105	Thallium	1	5	5
19334	68105	Thallium	1	1.245	1.245
19344	68105	Thallium	1	5	5
19448	68105	Thallium	1	5	5
19485	68105	Thallium	1	1.315	1.315
19489	68105	Thallium	1	5.25	5.25
19496	68105	Thallium	1	1.48	1.48
19561	68105	Thallium	1	5	5
19602	68105	Thallium	1	5	5
19612	68105	Thallium	1	5	5
19655	68105	Thallium	1	5.8	5.8
19671	68105	Thallium	1	1.345	1.345
19676	68105	Thallium	1	5	5
19728	68105	Thallium	1	1.31	1.31
19729	68105	Thallium	1	5	5
19768	68105	Thallium	1	5	5
19787	68105	Thallium	1	1.385	1.385
19791	68105	Thallium	1	1.41	1.41
19812	68105	Thallium	1	1.53	1.53
19831	68105	Thallium	1	5.05	5.05
19839	68105	Thallium	1	5	5
19858	68105	Thallium	1	5	5
19864	68105	Thallium	1	5	5
19915	68105	Thallium	1	1.475	1.475
19923	68105	Thallium	1	5	5
19932	68105	Thallium	1	1.285	1.285
19938	68105	Thallium	1	5	5
19972	68105	Thallium	1	5	5
19976	68105	Thallium	1	5	5
19987	68105	Thallium	1	5	5
20069	68105	Thallium	1	5	5
20080	68105	Thallium	1	5	5
20105	68105	Thallium	1	5	5
20110	68105	Thallium	1	5	5
20128	68105	Thallium	1	5	5
20170	68105	Thallium	1	5	5
20218	68105	Thallium	1	1.38	1.38
20236	68105	Thallium	1	5	5
20313	68105	Thallium	1	5	5
20315	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20342	68105	Thallium	1	5	5
20420	68105	Thallium	1	5.55	5.55
20426	68105	Thallium	1	1.275	1.275
20452	68105	Thallium	1	5	5
20470	68105	Thallium	1	1.53	1.53
20471	68105	Thallium	1	1.495	1.495
20477	68105	Thallium	1	1.31	1.31
20506	68105	Thallium	1	16.7	16.7
20510	68105	Thallium	1	5	5
20535	68105	Thallium	1	5	5
20545	68105	Thallium	1	5	5
20557	68105	Thallium	1	1.275	1.275
20584	68105	Thallium	1	1.505	1.505
20590	68105	Thallium	1	1.365	1.365
20603	68105	Thallium	1	1.295	1.295
20610	68105	Thallium	1	1.345	1.345
20612	68105	Thallium	1	5	5
20656	68105	Thallium	1	5	5
20674	68105	Thallium	1	5	5
20685	68105	Thallium	1	5	5
20702	68105	Thallium	1	5	5
20759	68105	Thallium	1	5.45	5.45
20777	68105	Thallium	1	1.48	1.48
20823	68105	Thallium	1	5	5
20845	68105	Thallium	1	4.85	4.85
20856	68105	Thallium	1	1.335	1.335
20883	68105	Thallium	1	5	5
20908	68105	Thallium	1	5.3	5.3
20925	68105	Thallium	1	5.85	5.85
20945	68105	Thallium	1	5	5
20961	68105	Thallium	1	1.505	1.505
20964	68105	Thallium	1	5	5
21005	68105	Thallium	1	1.355	1.355
21012	68105	Thallium	1	5.4	5.4
21019	68105	Thallium	1	1.31	1.31
21053	68105	Thallium	1	1.48	1.48
21064	68105	Thallium	1	5	5
21068	68105	Thallium	1	1.465	1.465
21079	68105	Thallium	1	5	5
21097	68105	Thallium	1	1.57	1.57
21110	68105	Thallium	1	1.495	1.495
21136	68105	Thallium	1	5	5
21143	68105	Thallium	1	5	5
21148	68105	Thallium	1	5	5
21150	68105	Thallium	1	5	5
21265	68105	Thallium	1	5	5
21268	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
21283	68105	Thallium	1	1.43	1.43
21309	68105	Thallium	1	1.385	1.385
21336	68105	Thallium	1	1.37	1.37
21355	68105	Thallium	1	1.445	1.445
21390	68105	Thallium	1	5	5
21394	68105	Thallium	1	1.55	1.55
21436	68105	Thallium	1	5	5
21454	68105	Thallium	1	5	5
21490	68105	Thallium	1	1.33	1.33
21498	68105	Thallium	1	5	5
21513	68105	Thallium	1	5	5
21535	68105	Thallium	1	1.415	1.415
21551	68105	Thallium	1	5	5
21560	68105	Thallium	1	1.48	1.48
21565	68105	Thallium	1	4.75	4.75
21578	68105	Thallium	1	5	5
21609	68105	Thallium	1	5	5
21614	68105	Thallium	1	1.505	1.505
21625	68105	Thallium	1	5	5
21653	68105	Thallium	1	1.275	1.275
21677	68105	Thallium	1	5	5
21689	68105	Thallium	1	5.15	5.15
21705	68105	Thallium	1	1.31	1.31
21714	68105	Thallium	1	1.375	1.375
21720	68105	Thallium	1	1.42	1.42
21724	68105	Thallium	1	1.28	1.28
21730	68105	Thallium	1	5.35	5.35
21744	68105	Thallium	1	5.45	5.45
21811	68105	Thallium	1	5	5
21815	68105	Thallium	1	5.05	5.05
21822	68105	Thallium	1	5.35	5.35
21836	68105	Thallium	1	5	5
21881	68105	Thallium	1	1.455	1.455
21884	68105	Thallium	1	5	5
21901	68105	Thallium	1	1.355	1.355
21916	68105	Thallium	1	1.565	1.565
21925	68105	Thallium	1	1.305	1.305
21941	68105	Thallium	1	1.365	1.365
21956	68105	Thallium	1	5	5
21981	68105	Thallium	1	5.35	5.35
21985	68105	Thallium	1	5	5
21989	68105	Thallium	1	1.495	1.495
22006	68105	Thallium	1	1.465	1.465
22013	68105	Thallium	1	5	5
22024	68105	Thallium	1	1.425	1.425
22025	68105	Thallium	1	5.8	5.8
22027	68105	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
22034	68105	Thallium	1	5.4	5.4
22036	68105	Thallium	1	5	5
22039	68105	Thallium	1	5	5
22044	68105	Thallium	1	5	5
22046	68105	Thallium	1	1.435	1.435
22056	68105	Thallium	1	5	5
22061	68105	Thallium	1	5	5
22074	68105	Thallium	1	5	5
22079	68105	Thallium	1	5	5
22080	68105	Thallium	1	5	5
22177	68105	Thallium	1	5	5
22181	68105	Thallium	1	1.38	1.38
22183	68105	Thallium	1	1.365	1.365
22230	68105	Thallium	1	12.6	12.6
22273	68105	Thallium	1	5	5
22295	68105	Thallium	1	5	5
22320	68105	Thallium	1	1.31	1.31
22344	68105	Thallium	1	5	5
22358	68105	Thallium	1	5	5
22386	68105	Thallium	1	5	5
22399	68105	Thallium	1	5	5
22405	68105	Thallium	1	1.38	1.38
22453	68105	Thallium	1	1.295	1.295
22563	68105	Thallium	1	1.51	1.51
22574	68105	Thallium	1	5	5
22636	68105	Thallium	1	5	5
22715	68105	Thallium	1	5.35	5.35
22716	68105	Thallium	1	5.45	5.45
22754	68105	Thallium	1	5	5
22772	68105	Thallium	1	1.64	1.64
22832	68105	Thallium	1	1.33	1.33
49272	68105	Thallium	1	1.29	1.29
49289	68105	Thallium	1	5	5
50528	68105	Thallium	1	1.32	1.32
50574	68105	Thallium	1	5	5
90427	68105	Thallium	1	6.05	6.05
93120	68105	Thallium	1	5.2	5.2
93354	68105	Thallium	1	5.2	5.2
93358	68105	Thallium	1	5.3	5.3
93364	68105	Thallium	1	5.15	5.15
93381	68105	Thallium	1	5.05	5.05
51011	68106	Thallium	1	5.25	5.25
51029	68106	Thallium	1	1.295	1.295
51034	68106	Thallium	1	1.51	1.51
51037	68106	Thallium	1	1.445	1.445
51041	68106	Thallium	1	5	5
51046	68106	Thallium	1	1.46	1.46

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51047	68106	Thallium	1	5	5
51052	68106	Thallium	1	5	5
51058	68106	Thallium	1	5	5
51064	68106	Thallium	1	4.95	4.95
51065	68106	Thallium	1	5	5
51079	68106	Thallium	1	1.415	1.415
51080	68106	Thallium	1	5	5
51082	68106	Thallium	1	4.95	4.95
51089	68106	Thallium	1	5.9	5.9
51093	68106	Thallium	1	1.445	1.445
51101	68106	Thallium	1	1.495	1.495
51102	68106	Thallium	1	1.425	1.425
51113	68106	Thallium	1	5	5
51116	68106	Thallium	1	5	5
51118	68106	Thallium	1	4.65	4.65
51120	68106	Thallium	1	5	5
51123	68106	Thallium	1	1.42	1.42
51126	68106	Thallium	1	5.25	5.25
51127	68106	Thallium	1	1.465	1.465
51132	68106	Thallium	1	1.495	1.495
51133	68106	Thallium	1	1.29	1.29
51143	68106	Thallium	1	1.495	1.495
51155	68106	Thallium	1	1.46	1.46
51158	68106	Thallium	1	5	5
51160	68106	Thallium	1	1.45	1.45
51162	68106	Thallium	1	1.525	1.525
51184	68106	Thallium	1	1.365	1.365
2030	68107	Thallium	1	5	5
2038	68107	Thallium	1	5	5
2056	68107	Thallium	1	5.25	5.25
2104	68107	Thallium	1	5	5
2124	68107	Thallium	1	5	5
2167	68107	Thallium	1	5	5
2206	68107	Thallium	1	5	5
2220	68107	Thallium	1	5.2	5.2
2252	68107	Thallium	1	5	5
2273	68107	Thallium	1	5	5
2292	68107	Thallium	1	0.565	0.565
2496	68107	Thallium	1	1.385	1.385
2499	68107	Thallium	1	1.465	1.465
3003	68107	Thallium	1	5	5
3021	68107	Thallium	1	5	5
3074	68107	Thallium	1	0.595	0.595
3121	68107	Thallium	1	0.53	0.53
5066	68107	Thallium	1	5	5
5076	68107	Thallium	1	5	5
5130	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5157	68107	Thallium	1	5	5
5159	68107	Thallium	1	5	5
5161	68107	Thallium	1	5	5
5163	68107	Thallium	1	5	5
5165	68107	Thallium	1	5	5
5166	68107	Thallium	1	5	5
5172	68107	Thallium	1	5	5
5176	68107	Thallium	1	5	5
5178	68107	Thallium	1	5	5
5180	68107	Thallium	1	5	5
5182	68107	Thallium	1	5	5
5183	68107	Thallium	1	5	5
5185	68107	Thallium	1	5	5
5211	68107	Thallium	1	5	5
5212	68107	Thallium	1	5	5
10008	68107	Thallium	1	5	5
10018	68107	Thallium	1	5	5
10044	68107	Thallium	1	1.41	1.41
10046	68107	Thallium	1	6	6
10072	68107	Thallium	1	5	5
10073	68107	Thallium	1	5	5
10088	68107	Thallium	1	5	5
10095	68107	Thallium	1	5	5
10111	68107	Thallium	1	1.5	1.5
10130	68107	Thallium	1	5	5
10134	68107	Thallium	1	5	5
10214	68107	Thallium	1	1.355	1.355
10241	68107	Thallium	1	5	5
10290	68107	Thallium	1	1.465	1.465
10295	68107	Thallium	1	5	5
10299	68107	Thallium	1	5	5
10310	68107	Thallium	1	5	5
10328	68107	Thallium	1	5	5
10329	68107	Thallium	1	5	5
10387	68107	Thallium	1	5	5
10401	68107	Thallium	2	5	5
10403	68107	Thallium	1	1.465	1.465
10425	68107	Thallium	1	1.475	1.475
10432	68107	Thallium	1	5	5
10455	68107	Thallium	1	5	5
10458	68107	Thallium	1	5	5
10468	68107	Thallium	1	5	5
10471	68107	Thallium	1	3.21	3.21
10484	68107	Thallium	1	5	5
10492	68107	Thallium	1	5	5
10500	68107	Thallium	1	1.34	1.34
10508	68107	Thallium	1	1.295	1.295

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
10513	68107	Thallium	1	5	5
10538	68107	Thallium	1	5	5
10543	68107	Thallium	1	5	5
10548	68107	Thallium	1	5	5
10578	68107	Thallium	1	1.43	1.43
10582	68107	Thallium	1	5	5
10622	68107	Thallium	1	5	5
10633	68107	Thallium	1	5	5
10650	68107	Thallium	1	1.45	1.45
10654	68107	Thallium	1	5	5
10662	68107	Thallium	1	1.27	1.27
10670	68107	Thallium	1	5	5
10687	68107	Thallium	1	5	5
10707	68107	Thallium	1	5	5
10720	68107	Thallium	1	5	5
10735	68107	Thallium	1	5.2	5.2
10738	68107	Thallium	1	5	5
10794	68107	Thallium	1	1.47	1.47
10814	68107	Thallium	1	5	5
10822	68107	Thallium	1	5	5
10831	68107	Thallium	1	5	5
10834	68107	Thallium	1	5	5
10842	68107	Thallium	1	5	5
10848	68107	Thallium	1	1.31	1.31
10858	68107	Thallium	1	5	5
10860	68107	Thallium	1	1.45	1.45
10870	68107	Thallium	1	5	5
10876	68107	Thallium	1	5.4	5.4
10877	68107	Thallium	1	1.51	1.51
10880	68107	Thallium	1	5.15	5.15
10895	68107	Thallium	1	5	5
10909	68107	Thallium	1	1.345	1.345
10914	68107	Thallium	1	1.325	1.325
10920	68107	Thallium	1	1.46	1.46
10925	68107	Thallium	1	5	5
10931	68107	Thallium	1	1.28	1.28
10938	68107	Thallium	1	1.29	1.29
10944	68107	Thallium	1	1.3	1.3
10947	68107	Thallium	1	5	5
10950	68107	Thallium	1	5	5
10965	68107	Thallium	1	5	5
10970	68107	Thallium	1	5	5
10990	68107	Thallium	1	5	5
10991	68107	Thallium	1	1.48	1.48
11036	68107	Thallium	1	1.36	1.36
11069	68107	Thallium	1	5	5
11070	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11082	68107	Thallium	1	5	5
11094	68107	Thallium	1	5	5
11107	68107	Thallium	1	5	5
11118	68107	Thallium	1	5	5
11142	68107	Thallium	1	5	5
11155	68107	Thallium	1	5	5
11172	68107	Thallium	1	5	5
11179	68107	Thallium	1	5	5
11191	68107	Thallium	1	1.43	1.43
11194	68107	Thallium	1	5	5
11203	68107	Thallium	1	5.5	5.5
11208	68107	Thallium	1	5	5
11222	68107	Thallium	1	5	5
11230	68107	Thallium	1	1.515	1.515
11232	68107	Thallium	1	5	5
11233	68107	Thallium	1	5	5
11246	68107	Thallium	1	5	5
11258	68107	Thallium	1	1.565	1.565
11268	68107	Thallium	1	5	5
11272	68107	Thallium	1	1.255	1.255
11283	68107	Thallium	1	1.415	1.415
11303	68107	Thallium	1	5	5
11309	68107	Thallium	1	5	5
11312	68107	Thallium	1	5	5
11321	68107	Thallium	1	1.325	1.325
11343	68107	Thallium	1	5.05	5.05
11349	68107	Thallium	1	1.305	1.305
11367	68107	Thallium	1	1.5	1.5
11372	68107	Thallium	1	5	5
11385	68107	Thallium	1	5.45	5.45
11387	68107	Thallium	1	5	5
11400	68107	Thallium	1	5	5
11403	68107	Thallium	1	1.295	1.295
11408	68107	Thallium	1	5.65	5.65
11410	68107	Thallium	1	5	5
11416	68107	Thallium	1	5	5
11423	68107	Thallium	1	5	5
11439	68107	Thallium	1	1.475	1.475
11444	68107	Thallium	1	1.325	1.325
11449	68107	Thallium	1	5	5
11465	68107	Thallium	1	5	5
11469	68107	Thallium	1	1.48	1.48
11491	68107	Thallium	1	1.395	1.395
11494	68107	Thallium	1	5	5
11523	68107	Thallium	1	5	5
11552	68107	Thallium	1	1.51	1.51
11558	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
11568	68107	Thallium	1	4.8	4.8
11599	68107	Thallium	1	5	5
11601	68107	Thallium	1	5.75	5.75
11603	68107	Thallium	1	5.25	5.25
11604	68107	Thallium	1	5	5
11609	68107	Thallium	1	5	5
11614	68107	Thallium	1	5.5	5.5
11661	68107	Thallium	1	5	5
11686	68107	Thallium	1	5	5
11711	68107	Thallium	1	1.36	1.36
11741	68107	Thallium	1	5	5
11754	68107	Thallium	1	5	5
11765	68107	Thallium	1	5	5
11777	68107	Thallium	1	1.475	1.475
11807	68107	Thallium	1	1.17	1.17
11829	68107	Thallium	1	5.1	5.1
11842	68107	Thallium	1	1.355	1.355
11865	68107	Thallium	1	5	5
11894	68107	Thallium	1	1.335	1.335
11902	68107	Thallium	1	5.4	5.4
11910	68107	Thallium	1	5	5
11941	68107	Thallium	1	1.61	1.61
11960	68107	Thallium	1	5	5
11982	68107	Thallium	1	5.7	5.7
12002	68107	Thallium	1	5	5
12009	68107	Thallium	1	5	5
12012	68107	Thallium	1	5	5
12037	68107	Thallium	1	5	5
12047	68107	Thallium	1	5.6	5.6
12086	68107	Thallium	1	4.75	4.75
12114	68107	Thallium	1	5	5
12116	68107	Thallium	1	1.55	1.55
12118	68107	Thallium	1	5	5
12124	68107	Thallium	1	1.46	1.46
12126	68107	Thallium	1	5	5
12152	68107	Thallium	1	5	5
12166	68107	Thallium	1	1.54	1.54
12194	68107	Thallium	1	1.445	1.445
12206	68107	Thallium	1	1.37	1.37
12220	68107	Thallium	1	1.36	1.36
12227	68107	Thallium	2	5	5
12239	68107	Thallium	1	5	5
12290	68107	Thallium	1	1.255	1.255
12296	68107	Thallium	1	1.47	1.47
12338	68107	Thallium	1	5.15	5.15
12344	68107	Thallium	1	1.505	1.505
12351	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
12372	68107	Thallium	1	5	5
12388	68107	Thallium	1	1.455	1.455
12407	68107	Thallium	1	5	5
12410	68107	Thallium	1	5	5
12414	68107	Thallium	1	5	5
12424	68107	Thallium	1	5.1	5.1
12439	68107	Thallium	1	5	5
12449	68107	Thallium	1	1.285	1.285
12457	68107	Thallium	1	6.3	6.3
12506	68107	Thallium	1	1.29	1.29
12514	68107	Thallium	1	5	5
12529	68107	Thallium	1	5	5
12530	68107	Thallium	1	5	5
12547	68107	Thallium	1	5	5
12551	68107	Thallium	1	5	5
12567	68107	Thallium	1	5.45	5.45
12572	68107	Thallium	1	5	5
12588	68107	Thallium	1	5	5
12590	68107	Thallium	1	1.38	1.38
12605	68107	Thallium	1	1.36	1.36
12644	68107	Thallium	1	1.35	1.35
12667	68107	Thallium	1	1.295	1.295
12714	68107	Thallium	1	1.4	1.4
12729	68107	Thallium	1	5	5
12741	68107	Thallium	1	5	5
12755	68107	Thallium	1	1.24	1.24
12761	68107	Thallium	1	1.53	1.53
12794	68107	Thallium	1	5	5
12830	68107	Thallium	1	1.31	1.31
12848	68107	Thallium	1	1.48	1.48
12858	68107	Thallium	1	1.405	1.405
12871	68107	Thallium	1	5.3	5.3
13038	68107	Thallium	1	5.8	5.8
13045	68107	Thallium	1	1.475	1.475
43676	68107	Thallium	1	5	5
43691	68107	Thallium	1	5	5
43698	68107	Thallium	1	1.405	1.405
43703	68107	Thallium	1	5	5
43711	68107	Thallium	1	1.485	1.485
43729	68107	Thallium	1	1.28	1.28
43736	68107	Thallium	1	5	5
43744	68107	Thallium	1	1.44	1.44
43746	68107	Thallium	1	1.415	1.415
43771	68107	Thallium	1	1.53	1.53
43790	68107	Thallium	1	1.495	1.495
43793	68107	Thallium	1	6.15	6.15
43800	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
43813	68107	Thallium	1	1.485	1.485
43843	68107	Thallium	1	5.35	5.35
43853	68107	Thallium	1	1.37	1.37
43869	68107	Thallium	1	5.35	5.35
43874	68107	Thallium	1	1.295	1.295
43892	68107	Thallium	1	5	5
43912	68107	Thallium	1	1.435	1.435
43933	68107	Thallium	1	1.605	1.605
43942	68107	Thallium	1	1.345	1.345
43945	68107	Thallium	1	1.335	1.335
43949	68107	Thallium	1	5	5
43962	68107	Thallium	1	1.325	1.325
43978	68107	Thallium	1	5	5
44002	68107	Thallium	1	1.23	1.23
44025	68107	Thallium	1	5	5
44037	68107	Thallium	1	1.405	1.405
44047	68107	Thallium	1	1.45	1.45
44063	68107	Thallium	1	1.5	1.5
44066	68107	Thallium	1	5	5
44076	68107	Thallium	1	1.33	1.33
44104	68107	Thallium	1	5	5
44107	68107	Thallium	1	5	5
44112	68107	Thallium	1	1.325	1.325
44127	68107	Thallium	1	1.41	1.41
44130	68107	Thallium	1	5.65	5.65
44133	68107	Thallium	1	6.45	6.45
44137	68107	Thallium	1	5	5
44145	68107	Thallium	1	1.35	1.35
44153	68107	Thallium	1	5	5
44157	68107	Thallium	1	1.45	1.45
44177	68107	Thallium	1	1.51	1.51
44184	68107	Thallium	1	4.85	4.85
44185	68107	Thallium	1	1.205	1.205
44198	68107	Thallium	1	5	5
44202	68107	Thallium	1	5.4	5.4
44220	68107	Thallium	1	1.43	1.43
44225	68107	Thallium	1	5.4	5.4
44233	68107	Thallium	1	1.34	1.34
44236	68107	Thallium	1	5	5
44237	68107	Thallium	1	1.39	1.39
44248	68107	Thallium	1	5	5
44299	68107	Thallium	1	5	5
44319	68107	Thallium	1	5	5
44348	68107	Thallium	1	1.345	1.345
44416	68107	Thallium	1	5	5
44446	68107	Thallium	1	5	5
44452	68107	Thallium	1	1.415	1.415

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44455	68107	Thallium	1	5	5
44456	68107	Thallium	1	1.375	1.375
44465	68107	Thallium	1	1.49	1.49
44475	68107	Thallium	1	5	5
44482	68107	Thallium	1	5	5
44483	68107	Thallium	1	5	5
44490	68107	Thallium	1	5	5
44503	68107	Thallium	1	1.485	1.485
44507	68107	Thallium	1	5	5
44508	68107	Thallium	1	5	5
44519	68107	Thallium	1	4.33	4.33
44526	68107	Thallium	1	5	5
44528	68107	Thallium	1	5	5
44529	68107	Thallium	1	1.37	1.37
44531	68107	Thallium	1	5	5
44536	68107	Thallium	1	5	5
44539	68107	Thallium	1	5	5
44546	68107	Thallium	1	5.35	5.35
44549	68107	Thallium	1	1.405	1.405
44556	68107	Thallium	1	5.35	5.35
44567	68107	Thallium	1	1.3	1.3
44578	68107	Thallium	1	3.81	3.81
44581	68107	Thallium	1	1.415	1.415
44589	68107	Thallium	1	5	5
44590	68107	Thallium	1	1.295	1.295
44592	68107	Thallium	1	1.435	1.435
44597	68107	Thallium	1	5.75	5.75
44617	68107	Thallium	1	5	5
44619	68107	Thallium	1	1.35	1.35
44623	68107	Thallium	1	1.385	1.385
44626	68107	Thallium	1	5	5
44636	68107	Thallium	1	5.5	5.5
44640	68107	Thallium	1	1.4	1.4
44644	68107	Thallium	1	1.32	1.32
44668	68107	Thallium	1	1.385	1.385
44700	68107	Thallium	1	1.455	1.455
44711	68107	Thallium	1	5	5
44725	68107	Thallium	1	5.55	5.55
44727	68107	Thallium	1	1.515	1.515
44738	68107	Thallium	1	1.535	1.535
44740	68107	Thallium	1	5	5
44741	68107	Thallium	1	5	5
44747	68107	Thallium	1	5	5
44753	68107	Thallium	1	1.42	1.42
44755	68107	Thallium	1	1.465	1.465
44756	68107	Thallium	1	1.5	1.5
44768	68107	Thallium	1	1.355	1.355

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
44790	68107	Thallium	1	1.375	1.375
44798	68107	Thallium	1	1.315	1.315
44810	68107	Thallium	1	1.32	1.32
44814	68107	Thallium	1	1.39	1.39
44822	68107	Thallium	1	5	5
44854	68107	Thallium	1	1.32	1.32
44857	68107	Thallium	1	1.435	1.435
44869	68107	Thallium	1	3.51	3.51
44877	68107	Thallium	1	1.345	1.345
44902	68107	Thallium	1	1.445	1.445
44923	68107	Thallium	1	5.1	5.1
44927	68107	Thallium	1	1.4	1.4
44935	68107	Thallium	1	1.405	1.405
44939	68107	Thallium	1	1.335	1.335
44943	68107	Thallium	1	1.365	1.365
44955	68107	Thallium	1	1.375	1.375
44959	68107	Thallium	1	1.485	1.485
44969	68107	Thallium	1	1.66	1.66
44979	68107	Thallium	1	1.435	1.435
44980	68107	Thallium	1	1.305	1.305
44984	68107	Thallium	1	5.45	5.45
44987	68107	Thallium	1	1.305	1.305
44996	68107	Thallium	1	1.42	1.42
45004	68107	Thallium	1	1.425	1.425
45005	68107	Thallium	1	5	5
45018	68107	Thallium	1	1.335	1.335
45020	68107	Thallium	1	5.55	5.55
45023	68107	Thallium	1	1.53	1.53
45034	68107	Thallium	1	4.89	4.89
45044	68107	Thallium	1	5	5
45056	68107	Thallium	1	5	5
45072	68107	Thallium	1	5	5
45073	68107	Thallium	1	1.395	1.395
45077	68107	Thallium	1	5	5
45078	68107	Thallium	1	5	5
45084	68107	Thallium	1	1.355	1.355
45118	68107	Thallium	1	1.405	1.405
45147	68107	Thallium	1	1.47	1.47
45150	68107	Thallium	1	5.2	5.2
45156	68107	Thallium	1	5	5
45166	68107	Thallium	1	1.385	1.385
45167	68107	Thallium	1	1.535	1.535
45183	68107	Thallium	1	4.8	4.8
45188	68107	Thallium	1	5	5
45195	68107	Thallium	1	1.33	1.33
45199	68107	Thallium	1	5	5
45206	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45213	68107	Thallium	1	1.36	1.36
45223	68107	Thallium	1	1.385	1.385
45227	68107	Thallium	1	1.365	1.365
45236	68107	Thallium	1	5	5
45244	68107	Thallium	1	1.375	1.375
45259	68107	Thallium	1	1.37	1.37
45265	68107	Thallium	1	1.325	1.325
45269	68107	Thallium	1	1.54	1.54
45298	68107	Thallium	1	1.565	1.565
45300	68107	Thallium	1	5	5
45303	68107	Thallium	1	5	5
45304	68107	Thallium	1	5.45	5.45
45305	68107	Thallium	1	1.335	1.335
45321	68107	Thallium	1	5	5
45343	68107	Thallium	1	1.335	1.335
45350	68107	Thallium	1	5	5
45356	68107	Thallium	1	1.305	1.305
45364	68107	Thallium	1	5	5
45370	68107	Thallium	1	1.465	1.465
45390	68107	Thallium	1	1.305	1.305
45393	68107	Thallium	1	5	5
45404	68107	Thallium	1	5.3	5.3
45411	68107	Thallium	1	5	5
45423	68107	Thallium	1	5	5
45424	68107	Thallium	1	5	5
45447	68107	Thallium	1	1.35	1.35
45458	68107	Thallium	1	5	5
45460	68107	Thallium	1	5	5
45475	68107	Thallium	1	1.485	1.485
45484	68107	Thallium	1	5	5
45487	68107	Thallium	1	5	5
45494	68107	Thallium	1	1.44	1.44
45495	68107	Thallium	1	1.46	1.46
45503	68107	Thallium	1	1.315	1.315
45530	68107	Thallium	1	1.285	1.285
45533	68107	Thallium	1	5.55	5.55
45564	68107	Thallium	1	5	5
45566	68107	Thallium	1	5	5
45574	68107	Thallium	1	1.305	1.305
45584	68107	Thallium	1	1.435	1.435
45608	68107	Thallium	1	5	5
45609	68107	Thallium	1	5	5
45624	68107	Thallium	1	5	5
45626	68107	Thallium	1	1.335	1.335
45645	68107	Thallium	1	5	5
45646	68107	Thallium	1	5	5
45648	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
45662	68107	Thallium	1	1.47	1.47
45663	68107	Thallium	1	1.435	1.435
45678	68107	Thallium	1	5	5
45698	68107	Thallium	1	1.545	1.545
45724	68107	Thallium	1	1.58	1.58
45725	68107	Thallium	1	5	5
45728	68107	Thallium	1	5	5
45739	68107	Thallium	1	5	5
45741	68107	Thallium	1	5.45	5.45
45747	68107	Thallium	1	1.425	1.425
45764	68107	Thallium	1	5	5
45767	68107	Thallium	1	5	5
45770	68107	Thallium	1	1.4	1.4
45786	68107	Thallium	1	1.355	1.355
45787	68107	Thallium	1	1.32	1.32
45789	68107	Thallium	1	1.42	1.42
45811	68107	Thallium	1	1.48	1.48
45822	68107	Thallium	1	5.35	5.35
45837	68107	Thallium	1	1.36	1.36
45840	68107	Thallium	1	5	5
45849	68107	Thallium	1	5	5
45854	68107	Thallium	1	1.57	1.57
45883	68107	Thallium	1	5	5
45906	68107	Thallium	1	1.37	1.37
45921	68107	Thallium	1	5	5
45923	68107	Thallium	1	1.545	1.545
45927	68107	Thallium	1	5	5
45955	68107	Thallium	1	1.42	1.42
45970	68107	Thallium	1	5	5
45984	68107	Thallium	1	1.46	1.46
45988	68107	Thallium	1	5	5
45999	68107	Thallium	1	5	5
46035	68107	Thallium	1	5	5
46049	68107	Thallium	1	5	5
46050	68107	Thallium	1	1.55	1.55
46052	68107	Thallium	1	5.8	5.8
46071	68107	Thallium	1	5	5
46073	68107	Thallium	1	1.325	1.325
46091	68107	Thallium	1	1.46	1.46
46103	68107	Thallium	1	5	5
46107	68107	Thallium	1	5.2	5.2
46118	68107	Thallium	1	1.42	1.42
46122	68107	Thallium	1	4.8	4.8
46127	68107	Thallium	1	5	5
46133	68107	Thallium	1	1.44	1.44
46145	68107	Thallium	1	1.31	1.31
46150	68107	Thallium	1	1.43	1.43

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46164	68107	Thallium	1	5.15	5.15
46168	68107	Thallium	1	5.65	5.65
46180	68107	Thallium	1	1.42	1.42
46187	68107	Thallium	1	1.455	1.455
46210	68107	Thallium	1	1.375	1.375
46214	68107	Thallium	1	4.75	4.75
46241	68107	Thallium	1	1.325	1.325
46247	68107	Thallium	1	5.05	5.05
46260	68107	Thallium	1	1.425	1.425
46279	68107	Thallium	1	5.15	5.15
46297	68107	Thallium	1	1.305	1.305
46346	68107	Thallium	1	5	5
46347	68107	Thallium	1	5.2	5.2
46363	68107	Thallium	1	5.85	5.85
46368	68107	Thallium	1	1.38	1.38
46380	68107	Thallium	1	1.455	1.455
46399	68107	Thallium	1	4.9	4.9
46423	68107	Thallium	1	5	5
46432	68107	Thallium	1	1.45	1.45
46448	68107	Thallium	1	5.1	5.1
46461	68107	Thallium	1	5	5
46469	68107	Thallium	1	1.445	1.445
46472	68107	Thallium	1	1.415	1.415
46473	68107	Thallium	1	1.48	1.48
46474	68107	Thallium	1	5	5
46478	68107	Thallium	1	5	5
46490	68107	Thallium	1	1.325	1.325
46493	68107	Thallium	1	4.95	4.95
46494	68107	Thallium	1	5.3	5.3
46498	68107	Thallium	1	5	5
46505	68107	Thallium	1	1.455	1.455
46509	68107	Thallium	1	5.15	5.15
46527	68107	Thallium	1	1.355	1.355
46566	68107	Thallium	1	1.44	1.44
46579	68107	Thallium	1	5	5
46583	68107	Thallium	1	1.44	1.44
46610	68107	Thallium	1	5	5
46626	68107	Thallium	1	5	5
46628	68107	Thallium	1	5	5
46637	68107	Thallium	1	5.45	5.45
46655	68107	Thallium	1	1.365	1.365
46662	68107	Thallium	1	1.36	1.36
46664	68107	Thallium	1	1.32	1.32
46672	68107	Thallium	1	1.28	1.28
46673	68107	Thallium	1	5.4	5.4
46683	68107	Thallium	1	1.52	1.52
46698	68107	Thallium	1	1.32	1.32

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
46699	68107	Thallium	1	5	5
46708	68107	Thallium	1	5	5
46712	68107	Thallium	1	1.29	1.29
46725	68107	Thallium	1	1.3	1.3
46727	68107	Thallium	1	4.7	4.7
46731	68107	Thallium	1	1.375	1.375
46743	68107	Thallium	1	5	5
46763	68107	Thallium	1	1.335	1.335
46764	68107	Thallium	1	1.34	1.34
46772	68107	Thallium	1	5	5
46776	68107	Thallium	1	1.27	1.27
46792	68107	Thallium	1	1.27	1.27
46794	68107	Thallium	1	1.295	1.295
46805	68107	Thallium	1	5	5
46808	68107	Thallium	1	5	5
46815	68107	Thallium	1	5	5
46835	68107	Thallium	1	1.195	1.195
46852	68107	Thallium	1	5	5
46857	68107	Thallium	1	5	5
46864	68107	Thallium	1	5	5
46867	68107	Thallium	1	5	5
46893	68107	Thallium	1	5.15	5.15
46916	68107	Thallium	1	5	5
46919	68107	Thallium	1	5	5
46934	68107	Thallium	1	5	5
46954	68107	Thallium	1	1.235	1.235
46964	68107	Thallium	1	5.55	5.55
46976	68107	Thallium	1	1.46	1.46
46994	68107	Thallium	1	5	5
46998	68107	Thallium	1	1.48	1.48
47021	68107	Thallium	1	1.435	1.435
47030	68107	Thallium	1	5	5
47038	68107	Thallium	1	1.415	1.415
47046	68107	Thallium	1	5	5
47047	68107	Thallium	1	1.485	1.485
47052	68107	Thallium	1	5	5
47058	68107	Thallium	1	5	5
47088	68107	Thallium	1	5	5
47090	68107	Thallium	1	5.1	5.1
47106	68107	Thallium	1	5	5
47139	68107	Thallium	1	1.33	1.33
47140	68107	Thallium	1	21.9	21.9
47147	68107	Thallium	1	5	5
47148	68107	Thallium	1	5	5
47149	68107	Thallium	1	5.4	5.4
47163	68107	Thallium	1	4.6	4.6
47172	68107	Thallium	1	4.95	4.95

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47179	68107	Thallium	1	5	5
47181	68107	Thallium	1	5.7	5.7
47196	68107	Thallium	1	5.15	5.15
47203	68107	Thallium	1	1.38	1.38
47206	68107	Thallium	1	5	5
47215	68107	Thallium	1	5	5
47216	68107	Thallium	1	5.5	5.5
47217	68107	Thallium	1	5	5
47218	68107	Thallium	1	5	5
47223	68107	Thallium	1	1.36	1.36
47249	68107	Thallium	1	5	5
47250	68107	Thallium	1	1.53	1.53
47259	68107	Thallium	1	5	5
47274	68107	Thallium	1	5	5
47275	68107	Thallium	1	5	5
47279	68107	Thallium	1	1.385	1.385
47291	68107	Thallium	1	1.485	1.485
47293	68107	Thallium	1	5	5
47296	68107	Thallium	1	5.3	5.3
47311	68107	Thallium	1	5	5
47312	68107	Thallium	1	1.31	1.31
47315	68107	Thallium	1	1.455	1.455
47320	68107	Thallium	1	5	5
47322	68107	Thallium	1	5	5
47338	68107	Thallium	1	1.385	1.385
47339	68107	Thallium	1	5	5
47356	68107	Thallium	1	5	5
47368	68107	Thallium	1	5	5
47380	68107	Thallium	1	1.475	1.475
47382	68107	Thallium	1	5.15	5.15
47385	68107	Thallium	1	1.35	1.35
47390	68107	Thallium	1	1.415	1.415
47417	68107	Thallium	1	5	5
47421	68107	Thallium	1	5.05	5.05
47424	68107	Thallium	1	5	5
47425	68107	Thallium	1	1.405	1.405
47440	68107	Thallium	1	5	5
47452	68107	Thallium	1	5	5
47475	68107	Thallium	1	1.34	1.34
47485	68107	Thallium	1	21.1	21.1
47511	68107	Thallium	1	1.315	1.315
47514	68107	Thallium	1	1.515	1.515
47518	68107	Thallium	1	1.545	1.545
47526	68107	Thallium	1	1.19	1.19
47544	68107	Thallium	1	5	5
47553	68107	Thallium	1	5	5
47565	68107	Thallium	1	1.47	1.47

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
47566	68107	Thallium	1	5	5
47604	68107	Thallium	1	5	5
47610	68107	Thallium	1	1.645	1.645
47617	68107	Thallium	1	1.46	1.46
47621	68107	Thallium	1	5	5
47627	68107	Thallium	1	5	5
47649	68107	Thallium	1	1.43	1.43
47656	68107	Thallium	1	1.53	1.53
47670	68107	Thallium	1	1.355	1.355
47681	68107	Thallium	1	5.2	5.2
47706	68107	Thallium	1	1.405	1.405
47708	68107	Thallium	1	1.32	1.32
47761	68107	Thallium	1	5	5
47768	68107	Thallium	1	1.51	1.51
47783	68107	Thallium	1	5	5
47795	68107	Thallium	1	1.39	1.39
47797	68107	Thallium	1	5	5
47811	68107	Thallium	1	5	5
47813	68107	Thallium	1	5	5
47816	68107	Thallium	1	5	5
47820	68107	Thallium	1	1.33	1.33
47838	68107	Thallium	1	4.9	4.9
47841	68107	Thallium	1	5.1	5.1
47860	68107	Thallium	1	5	5
47867	68107	Thallium	1	5.25	5.25
47886	68107	Thallium	1	5	5
47895	68107	Thallium	1	5.4	5.4
47924	68107	Thallium	1	5	5
47930	68107	Thallium	1	1.39	1.39
47934	68107	Thallium	1	5.25	5.25
47939	68107	Thallium	1	1.33	1.33
47952	68107	Thallium	1	1.36	1.36
47966	68107	Thallium	1	1.41	1.41
47969	68107	Thallium	1	1.48	1.48
48003	68107	Thallium	1	5	5
48006	68107	Thallium	1	5	5
48014	68107	Thallium	1	5.2	5.2
48016	68107	Thallium	1	1.495	1.495
48018	68107	Thallium	1	5	5
48036	68107	Thallium	1	1.295	1.295
48043	68107	Thallium	1	1.325	1.325
48048	68107	Thallium	1	5	5
48056	68107	Thallium	1	5	5
48092	68107	Thallium	1	5	5
48116	68107	Thallium	1	5	5
48118	68107	Thallium	1	5	5
48120	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48135	68107	Thallium	1	5	5
48141	68107	Thallium	1	5	5
48150	68107	Thallium	1	5	5
48167	68107	Thallium	1	1.46	1.46
48232	68107	Thallium	1	1.565	1.565
48245	68107	Thallium	1	5.2	5.2
48261	68107	Thallium	1	1.375	1.375
48271	68107	Thallium	1	5.15	5.15
48292	68107	Thallium	1	5.2	5.2
48308	68107	Thallium	1	5	5
48327	68107	Thallium	1	1.365	1.365
48334	68107	Thallium	1	1.325	1.325
48341	68107	Thallium	1	1.3	1.3
48359	68107	Thallium	1	5.05	5.05
48367	68107	Thallium	1	1.35	1.35
48368	68107	Thallium	1	1.34	1.34
48380	68107	Thallium	1	4.9	4.9
48416	68107	Thallium	1	5.1	5.1
48418	68107	Thallium	1	1.5	1.5
48434	68107	Thallium	1	5	5
48494	68107	Thallium	1	1.315	1.315
48495	68107	Thallium	1	5	5
48508	68107	Thallium	1	1.33	1.33
48510	68107	Thallium	1	5	5
48525	68107	Thallium	1	5.3	5.3
48547	68107	Thallium	1	1.455	1.455
48553	68107	Thallium	1	1.39	1.39
48578	68107	Thallium	1	1.415	1.415
48583	68107	Thallium	1	1.525	1.525
48589	68107	Thallium	1	5	5
48593	68107	Thallium	1	1.295	1.295
48596	68107	Thallium	1	1.415	1.415
48620	68107	Thallium	1	5.25	5.25
48636	68107	Thallium	1	1.455	1.455
48639	68107	Thallium	1	5	5
48641	68107	Thallium	1	5.45	5.45
48654	68107	Thallium	1	5	5
48661	68107	Thallium	1	5	5
48668	68107	Thallium	1	1.455	1.455
48674	68107	Thallium	1	1.47	1.47
48685	68107	Thallium	1	5	5
48694	68107	Thallium	1	1.305	1.305
48708	68107	Thallium	1	5	5
48715	68107	Thallium	1	1.525	1.525
48721	68107	Thallium	1	5	5
48733	68107	Thallium	1	1.28	1.28
48736	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
48747	68107	Thallium	1	5	5
48768	68107	Thallium	1	5	5
48798	68107	Thallium	1	5	5
48815	68107	Thallium	1	5	5
48821	68107	Thallium	1	1.47	1.47
48836	68107	Thallium	1	1.365	1.365
48846	68107	Thallium	1	5	5
48855	68107	Thallium	1	1.41	1.41
48871	68107	Thallium	1	1.35	1.35
48886	68107	Thallium	1	1.385	1.385
48900	68107	Thallium	1	1.455	1.455
48904	68107	Thallium	1	4.85	4.85
48944	68107	Thallium	1	1.44	1.44
48952	68107	Thallium	1	1.48	1.48
48963	68107	Thallium	1	1.44	1.44
48973	68107	Thallium	1	1.54	1.54
48975	68107	Thallium	1	5	5
48977	68107	Thallium	1	5	5
48999	68107	Thallium	1	1.395	1.395
49012	68107	Thallium	1	5	5
49036	68107	Thallium	1	1.445	1.445
49070	68107	Thallium	1	5	5
49081	68107	Thallium	1	1.36	1.36
49082	68107	Thallium	1	1.38	1.38
49085	68107	Thallium	1	1.29	1.29
49098	68107	Thallium	1	1.32	1.32
49117	68107	Thallium	1	1.52	1.52
49126	68107	Thallium	1	5	5
49167	68107	Thallium	1	5	5
49208	68107	Thallium	1	1.37	1.37
49239	68107	Thallium	1	5	5
49249	68107	Thallium	1	1.45	1.45
49371	68107	Thallium	1	1.28	1.28
49383	68107	Thallium	1	1.375	1.375
49395	68107	Thallium	1	5	5
49404	68107	Thallium	1	5	5
49435	68107	Thallium	1	1.425	1.425
49439	68107	Thallium	1	1.45	1.45
49441	68107	Thallium	1	1.51	1.51
49444	68107	Thallium	1	1.365	1.365
50137	68107	Thallium	1	5	5
50139	68107	Thallium	1	10	10
50140	68107	Thallium	1	5	5
50141	68107	Thallium	1	5	5
50144	68107	Thallium	1	5	5
50158	68107	Thallium	1	5	5
50185	68107	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
50191	68107	Thallium	1	5	5
50192	68107	Thallium	1	5	5
50193	68107	Thallium	1	5	5
50214	68107	Thallium	1	5	5
50243	68107	Thallium	1	5	5
50244	68107	Thallium	1	5	5
50246	68107	Thallium	1	5	5
50249	68107	Thallium	1	5	5
50276	68107	Thallium	1	5	5
50284	68107	Thallium	1	5	5
50286	68107	Thallium	1	5	5
50292	68107	Thallium	1	5	5
50293	68107	Thallium	1	5	5
50294	68107	Thallium	1	5	5
50299	68107	Thallium	1	5	5
50300	68107	Thallium	1	5	5
50313	68107	Thallium	1	5	5
50325	68107	Thallium	1	5	5
50326	68107	Thallium	1	5	5
50335	68107	Thallium	1	5	5
50359	68107	Thallium	1	5	5
50360	68107	Thallium	1	5	5
50361	68107	Thallium	1	5	5
50362	68107	Thallium	1	5	5
50537	68107	Thallium	1	1.33	1.33
76891	68107	Thallium	1	5.7	5.7
89377	68107	Thallium	1	5.4	5.4
89408	68107	Thallium	1	4.8	4.8
2170	68108	Thallium	1	5	5
2518	68108	Thallium	1	5	5
2521	68108	Thallium	1	5	5
2522	68108	Thallium	1	5.25	5.25
2527	68108	Thallium	1	1.355	1.355
2532	68108	Thallium	1	5.35	5.35
5225	68108	Thallium	1	5	5
5227	68108	Thallium	1	5	5
5229	68108	Thallium	1	5	5
5284	68108	Thallium	1	5	5
5300	68108	Thallium	1	5	5
5304	68108	Thallium	1	5	5
5306	68108	Thallium	1	5	5
5332	68108	Thallium	1	0.52	0.52
5387	68108	Thallium	1	0.615	0.615
5390	68108	Thallium	1	1.21	1.21
5394	68108	Thallium	1	1.74	1.74
5395	68108	Thallium	1	0.69	0.69
5398	68108	Thallium	1	1.7	1.7

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5403	68108	Thallium	1	1.66	1.66
5407	68108	Thallium	1	0.755	0.755
5408	68108	Thallium	1	1.75	1.75
5409	68108	Thallium	1	0.331	0.331
5416	68108	Thallium	1	0.4865	0.4865
5418	68108	Thallium	1	0.715	0.715
5422	68108	Thallium	1	0.635	0.635
5425	68108	Thallium	1	0.725	0.725
5426	68108	Thallium	1	0.69	0.69
5427	68108	Thallium	1	0.68	0.68
5429	68108	Thallium	1	2.02	2.02
5431	68108	Thallium	1	0.69	0.69
5432	68108	Thallium	1	0.82	0.82
5449	68108	Thallium	1	0.785	0.785
5450	68108	Thallium	1	2.24	2.24
5454	68108	Thallium	1	0.705	0.705
5460	68108	Thallium	1	0.82	0.82
5463	68108	Thallium	1	0.916	0.916
5467	68108	Thallium	1	0.755	0.755
5472	68108	Thallium	1	1.46	1.46
5473	68108	Thallium	1	1.89	1.89
5474	68108	Thallium	1	1.92	1.92
5480	68108	Thallium	1	0.67	0.67
5483	68108	Thallium	1	0.75	0.75
5485	68108	Thallium	1	0.384	0.384
5492	68108	Thallium	1	0.77	0.77
5505	68108	Thallium	1	0.71	0.71
5572	68108	Thallium	1	0.447	0.447
5607	68108	Thallium	1	1.43	1.43
5608	68108	Thallium	1	2.77	2.77
5623	68108	Thallium	1	1.54	1.54
5628	68108	Thallium	1	0.319	0.319
5630	68108	Thallium	1	0.3535	0.3535
5636	68108	Thallium	1	1.56	1.56
5637	68108	Thallium	1	0.368	0.368
5652	68108	Thallium	1	0.904	0.904
12816	68108	Thallium	1	5	5
12859	68108	Thallium	1	5	5
12926	68108	Thallium	1	5	5
12947	68108	Thallium	1	3.18	3.18
13102	68108	Thallium	1	1.34	1.34
13164	68108	Thallium	1	5	5
13184	68108	Thallium	1	5	5
13189	68108	Thallium	1	5	5
13239	68108	Thallium	1	1.37	1.37
13267	68108	Thallium	1	5.3	5.3
13436	68108	Thallium	1	1.43	1.43

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
13485	68108	Thallium	1	5	5
13529	68108	Thallium	1	5	5
13530	68108	Thallium	1	1.35	1.35
13536	68108	Thallium	1	1.385	1.385
13575	68108	Thallium	1	5	5
13645	68108	Thallium	1	5.6	5.6
13661	68108	Thallium	1	1.625	1.625
13674	68108	Thallium	1	4.95	4.95
13675	68108	Thallium	1	5	5
13760	68108	Thallium	1	5	5
13773	68108	Thallium	1	1.435	1.435
13795	68108	Thallium	1	5	5
13941	68108	Thallium	1	4.95	4.95
14043	68108	Thallium	1	1.245	1.245
14076	68108	Thallium	1	1.45	1.45
14079	68108	Thallium	1	1.265	1.265
14130	68108	Thallium	1	5.25	5.25
14140	68108	Thallium	1	5	5
14203	68108	Thallium	1	5	5
14270	68108	Thallium	1	1.41	1.41
14279	68108	Thallium	1	1.48	1.48
14290	68108	Thallium	1	5	5
14438	68108	Thallium	1	5	5
14449	68108	Thallium	1	5	5
14481	68108	Thallium	1	5	5
14486	68108	Thallium	1	5	5
14497	68108	Thallium	1	5.45	5.45
14537	68108	Thallium	1	5	5
14545	68108	Thallium	1	5	5
14576	68108	Thallium	1	5	5
14578	68108	Thallium	1	5	5
14617	68108	Thallium	1	1.41	1.41
14660	68108	Thallium	1	1.46	1.46
14692	68108	Thallium	1	1.42	1.42
14720	68108	Thallium	1	5	5
14818	68108	Thallium	1	5	5
14825	68108	Thallium	1	1.335	1.335
14849	68108	Thallium	1	1.315	1.315
14855	68108	Thallium	1	5	5
14878	68108	Thallium	1	1.41	1.41
14914	68108	Thallium	1	5	5
14998	68108	Thallium	1	5	5
15001	68108	Thallium	1	5	5
15051	68108	Thallium	1	5	5
15053	68108	Thallium	1	5	5
15116	68108	Thallium	1	5	5
15135	68108	Thallium	1	1.465	1.465

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
15248	68108	Thallium	1	5	5
15256	68108	Thallium	1	1.35	1.35
15266	68108	Thallium	1	5	5
15337	68108	Thallium	1	1.31	1.31
15443	68108	Thallium	1	5	5
15468	68108	Thallium	1	1.35	1.35
15601	68108	Thallium	1	5	5
15603	68108	Thallium	1	5	5
15687	68108	Thallium	1	5	5
15748	68108	Thallium	1	4.95	4.95
15768	68108	Thallium	1	1.565	1.565
15915	68108	Thallium	1	5	5
15939	68108	Thallium	1	5	5
15955	68108	Thallium	1	1.415	1.415
15966	68108	Thallium	1	1.545	1.545
15980	68108	Thallium	1	1.465	1.465
16006	68108	Thallium	1	6.05	6.05
16126	68108	Thallium	1	1.245	1.245
16135	68108	Thallium	1	1.145	1.145
16137	68108	Thallium	1	1.37	1.37
16145	68108	Thallium	1	1.4	1.4
16261	68108	Thallium	1	1.405	1.405
16267	68108	Thallium	1	1.325	1.325
16319	68108	Thallium	1	1.495	1.495
16349	68108	Thallium	1	5	5
16446	68108	Thallium	1	5	5
16530	68108	Thallium	1	5	5
16556	68108	Thallium	1	4.75	4.75
16581	68108	Thallium	1	5	5
16595	68108	Thallium	1	5	5
16599	68108	Thallium	1	5.05	5.05
16711	68108	Thallium	1	5	5
16813	68108	Thallium	1	1.53	1.53
16973	68108	Thallium	1	1.455	1.455
17004	68108	Thallium	1	5.4	5.4
17005	68108	Thallium	1	5	5
17022	68108	Thallium	1	5	5
17242	68108	Thallium	1	4.7	4.7
17247	68108	Thallium	1	5	5
17282	68108	Thallium	1	6.15	6.15
17316	68108	Thallium	1	5.1	5.1
17323	68108	Thallium	1	5	5
17335	68108	Thallium	1	5	5
17360	68108	Thallium	1	5	5
17414	68108	Thallium	1	1.415	1.415
17416	68108	Thallium	1	1.385	1.385
17417	68108	Thallium	1	5.1	5.1

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
17418	68108	Thallium	1	5.05	5.05
17461	68108	Thallium	1	5.35	5.35
17498	68108	Thallium	1	1.325	1.325
17550	68108	Thallium	1	5	5
17671	68108	Thallium	1	1.335	1.335
17699	68108	Thallium	1	1.3	1.3
17700	68108	Thallium	1	5.2	5.2
17701	68108	Thallium	1	5	5
17703	68108	Thallium	1	1.52	1.52
17732	68108	Thallium	1	5	5
17778	68108	Thallium	1	5	5
17840	68108	Thallium	1	1.325	1.325
17849	68108	Thallium	1	1.4	1.4
17861	68108	Thallium	1	5	5
17864	68108	Thallium	1	5	5
17865	68108	Thallium	1	1.265	1.265
17908	68108	Thallium	1	5	5
17945	68108	Thallium	1	1.38	1.38
17963	68108	Thallium	1	5.2	5.2
17968	68108	Thallium	1	5.05	5.05
17985	68108	Thallium	1	5	5
18129	68108	Thallium	1	1.145	1.145
18148	68108	Thallium	1	5.15	5.15
18179	68108	Thallium	1	5	5
18198	68108	Thallium	1	1.335	1.335
18218	68108	Thallium	1	5	5
18222	68108	Thallium	1	5.15	5.15
18249	68108	Thallium	1	5.8	5.8
18328	68108	Thallium	1	5.45	5.45
18330	68108	Thallium	1	5	5
18339	68108	Thallium	1	1.265	1.265
18385	68108	Thallium	1	5.1	5.1
18422	68108	Thallium	1	5	5
18435	68108	Thallium	1	5.05	5.05
18461	68108	Thallium	1	1.51	1.51
18486	68108	Thallium	1	1.27	1.27
18532	68108	Thallium	1	1.465	1.465
18547	68108	Thallium	1	5	5
18597	68108	Thallium	1	5	5
18634	68108	Thallium	1	5	5
18664	68108	Thallium	1	5	5
18687	68108	Thallium	1	5	5
18691	68108	Thallium	1	5.2	5.2
18697	68108	Thallium	1	5.25	5.25
18712	68108	Thallium	1	1.3	1.3
18718	68108	Thallium	1	4.95	4.95
18749	68108	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
18800	68108	Thallium	1	5	5
18802	68108	Thallium	1	5	5
18833	68108	Thallium	1	1.69	1.69
18890	68108	Thallium	1	1.435	1.435
18903	68108	Thallium	1	5	5
18943	68108	Thallium	1	1.305	1.305
18968	68108	Thallium	1	1.4	1.4
18988	68108	Thallium	1	1.385	1.385
19030	68108	Thallium	1	1.27	1.27
19116	68108	Thallium	1	1.395	1.395
19126	68108	Thallium	1	5	5
19153	68108	Thallium	1	1.55	1.55
19190	68108	Thallium	1	5.1	5.1
19343	68108	Thallium	1	5.35	5.35
19371	68108	Thallium	1	1.56	1.56
19373	68108	Thallium	1	1.47	1.47
19417	68108	Thallium	1	5.15	5.15
19440	68108	Thallium	1	1.17	1.17
19444	68108	Thallium	1	1.45	1.45
19474	68108	Thallium	1	5	5
19640	68108	Thallium	1	1.285	1.285
19660	68108	Thallium	1	1.375	1.375
19680	68108	Thallium	1	1.435	1.435
19792	68108	Thallium	1	5.05	5.05
19875	68108	Thallium	1	5	5
19920	68108	Thallium	1	1.37	1.37
19988	68108	Thallium	1	4.9	4.9
20044	68108	Thallium	1	1.43	1.43
20137	68108	Thallium	1	5	5
20149	68108	Thallium	1	5	5
20168	68108	Thallium	1	5	5
20169	68108	Thallium	1	5.3	5.3
20244	68108	Thallium	1	1.435	1.435
20285	68108	Thallium	1	1.32	1.32
20287	68108	Thallium	1	5	5
20344	68108	Thallium	1	1.285	1.285
20367	68108	Thallium	1	1.32	1.32
20464	68108	Thallium	1	3.5	3.5
20467	68108	Thallium	1	5.15	5.15
20567	68108	Thallium	1	1.365	1.365
20588	68108	Thallium	1	5.15	5.15
20608	68108	Thallium	1	1.245	1.245
20629	68108	Thallium	1	5	5
20671	68108	Thallium	1	1.44	1.44
20746	68108	Thallium	1	1.375	1.375
20752	68108	Thallium	1	4.8	4.8
20831	68108	Thallium	1	4.53	4.53

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
20881	68108	Thallium	1	1.52	1.52
20922	68108	Thallium	1	4.4	4.4
21123	68108	Thallium	1	5	5
21190	68108	Thallium	1	5	5
21502	68108	Thallium	1	5	5
21582	68108	Thallium	1	5.05	5.05
21729	68108	Thallium	1	5	5
21863	68108	Thallium	1	1.34	1.34
22203	68108	Thallium	1	1.535	1.535
22282	68108	Thallium	1	1.295	1.295
50453	68108	Thallium	1	5	5
50624	68108	Thallium	1	3.2	3.2
74047	68108	Thallium	1	5.8	5.8
79306	68108	Thallium	1	5.95	5.95
87989	68108	Thallium	1	5.05	5.05
88004	68108	Thallium	1	5.25	5.25
88031	68108	Thallium	1	6.25	6.25
89842	68108	Thallium	1	4.95	4.95
90601	68108	Thallium	1	4.75	4.75
92372	68108	Thallium	1	5.05	5.05
93003	68108	Thallium	1	6.15	6.15
93522	68108	Thallium	1	5.15	5.15
2069	68110	Thallium	1	5	5
2280	68110	Thallium	1	0.515	0.515
2354	68110	Thallium	1	5	5
2355	68110	Thallium	1	5.05	5.05
2539	68110	Thallium	1	1.525	1.525
3136	68110	Thallium	1	0.505	0.505
5258	68110	Thallium	1	5	5
5388	68110	Thallium	1	1.11	1.11
5520	68110	Thallium	1	2.43	2.43
5525	68110	Thallium	1	2.8	2.8
5527	68110	Thallium	1	2	2
5530	68110	Thallium	1	1.12	1.12
5532	68110	Thallium	1	0.6	0.6
5536	68110	Thallium	1	1.69	1.69
5541	68110	Thallium	1	1.68	1.68
5544	68110	Thallium	1	1	1
5546	68110	Thallium	1	1.27	1.27
5551	68110	Thallium	1	2.49	2.49
5559	68110	Thallium	1	2.84	2.84
5560	68110	Thallium	1	1.8	1.8
5561	68110	Thallium	1	2.16	2.16
5563	68110	Thallium	1	2.26	2.26
5565	68110	Thallium	1	0.78	0.78
5566	68110	Thallium	1	1.54	1.54
5612	68110	Thallium	1	1.43	1.43

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5614	68110	Thallium	1	0.77	0.77
5641	68110	Thallium	1	1.57	1.57
5650	68110	Thallium	1	5	5
5651	68110	Thallium	1	0.974	0.974
26122	68110	Thallium	1	1.3	1.3
26133	68110	Thallium	1	4.63	4.63
26234	68110	Thallium	1	5.55	5.55
26341	68110	Thallium	1	5	5
26410	68110	Thallium	1	5	5
26447	68110	Thallium	1	1.275	1.275
26465	68110	Thallium	1	1.395	1.395
26527	68110	Thallium	1	5	5
26550	68110	Thallium	1	5	5
26762	68110	Thallium	1	5	5
27034	68110	Thallium	1	5	5
27069	68110	Thallium	1	5	5
27291	68110	Thallium	1	1.47	1.47
27435	68110	Thallium	1	5.75	5.75
27589	68110	Thallium	1	1.335	1.335
27592	68110	Thallium	1	1.29	1.29
27683	68110	Thallium	1	1.41	1.41
27704	68110	Thallium	1	5	5
27756	68110	Thallium	1	4.95	4.95
27815	68110	Thallium	1	1.315	1.315
27822	68110	Thallium	1	1.35	1.35
27826	68110	Thallium	1	1.455	1.455
27840	68110	Thallium	1	1.385	1.385
27844	68110	Thallium	1	1.505	1.505
27884	68110	Thallium	1	1.47	1.47
27907	68110	Thallium	1	5	5
27927	68110	Thallium	1	1.525	1.525
27984	68110	Thallium	1	1.145	1.145
28074	68110	Thallium	1	1.345	1.345
28075	68110	Thallium	1	1.375	1.375
28120	68110	Thallium	1	1.375	1.375
28167	68110	Thallium	1	1.37	1.37
28226	68110	Thallium	1	5.49	5.49
28335	68110	Thallium	1	1.28	1.28
28360	68110	Thallium	1	5	5
28404	68110	Thallium	1	1.215	1.215
28421	68110	Thallium	1	5	5
28455	68110	Thallium	1	5	5
28501	68110	Thallium	1	1.39	1.39
28550	68110	Thallium	1	1.43	1.43
28591	68110	Thallium	1	1.39	1.39
28647	68110	Thallium	1	5	5
28670	68110	Thallium	1	1.42	1.42

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28711	68110	Thallium	1	5	5
28717	68110	Thallium	1	5	5
28726	68110	Thallium	1	5	5
28905	68110	Thallium	1	1.395	1.395
28977	68110	Thallium	1	1.41	1.41
28999	68110	Thallium	1	5	5
29058	68110	Thallium	1	1.375	1.375
29063	68110	Thallium	1	5.2	5.2
29084	68110	Thallium	1	5	5
29093	68110	Thallium	1	1.41	1.41
29095	68110	Thallium	1	1.355	1.355
29117	68110	Thallium	1	5	5
29135	68110	Thallium	1	5	5
29207	68110	Thallium	1	1.605	1.605
29238	68110	Thallium	1	1.47	1.47
29257	68110	Thallium	1	1.395	1.395
29271	68110	Thallium	1	5	5
29283	68110	Thallium	1	1.395	1.395
29290	68110	Thallium	1	5	5
29332	68110	Thallium	1	5	5
29360	68110	Thallium	1	20.4	20.4
29361	68110	Thallium	1	5	5
29393	68110	Thallium	1	1.47	1.47
29421	68110	Thallium	1	1.535	1.535
29493	68110	Thallium	1	5	5
29500	68110	Thallium	1	1.405	1.405
29505	68110	Thallium	1	1.37	1.37
29550	68110	Thallium	1	5	5
29610	68110	Thallium	1	1.51	1.51
29634	68110	Thallium	1	20.5	20.5
29665	68110	Thallium	1	1.325	1.325
29753	68110	Thallium	1	5	5
29774	68110	Thallium	1	1.36	1.36
29786	68110	Thallium	1	5	5
29795	68110	Thallium	1	1.43	1.43
29844	68110	Thallium	1	5.4	5.4
29877	68110	Thallium	1	5	5
29887	68110	Thallium	1	5	5
29911	68110	Thallium	1	5	5
29913	68110	Thallium	1	1.365	1.365
29920	68110	Thallium	1	1.38	1.38
29921	68110	Thallium	1	1.48	1.48
29934	68110	Thallium	1	5.05	5.05
29942	68110	Thallium	1	5.7	5.7
29943	68110	Thallium	1	5	5
30017	68110	Thallium	1	5	5
30172	68110	Thallium	1	1.37	1.37

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30189	68110	Thallium	1	5.15	5.15
30210	68110	Thallium	1	1.41	1.41
30291	68110	Thallium	1	5	5
30394	68110	Thallium	1	5	5
30410	68110	Thallium	1	1.285	1.285
30422	68110	Thallium	1	5.15	5.15
30443	68110	Thallium	1	5	5
30469	68110	Thallium	1	3.86	3.86
30470	68110	Thallium	1	5.7	5.7
30500	68110	Thallium	1	5	5
30551	68110	Thallium	1	1.48	1.48
30556	68110	Thallium	1	1.335	1.335
30566	68110	Thallium	1	5	5
30575	68110	Thallium	1	1.495	1.495
30633	68110	Thallium	1	1.4	1.4
30651	68110	Thallium	1	5.05	5.05
30688	68110	Thallium	1	1.5	1.5
30705	68110	Thallium	1	1.28	1.28
30786	68110	Thallium	1	1.42	1.42
30803	68110	Thallium	1	5.7	5.7
30870	68110	Thallium	1	5	5
30954	68110	Thallium	1	5.25	5.25
30980	68110	Thallium	1	5	5
31097	68110	Thallium	1	5.55	5.55
31153	68110	Thallium	1	1.375	1.375
31174	68110	Thallium	1	5	5
31223	68110	Thallium	1	1.46	1.46
31231	68110	Thallium	1	1.435	1.435
31350	68110	Thallium	1	1.4	1.4
31401	68110	Thallium	1	5.15	5.15
31568	68110	Thallium	1	1.4	1.4
31645	68110	Thallium	1	5	5
31757	68110	Thallium	1	5	5
31760	68110	Thallium	1	1.325	1.325
31814	68110	Thallium	1	1.425	1.425
31832	68110	Thallium	1	5	5
31959	68110	Thallium	1	1.445	1.445
32019	68110	Thallium	1	5.15	5.15
32039	68110	Thallium	1	5	5
32043	68110	Thallium	1	5	5
32063	68110	Thallium	1	5	5
32214	68110	Thallium	1	1.345	1.345
32373	68110	Thallium	1	1.315	1.315
32484	68110	Thallium	1	5	5
32508	68110	Thallium	1	5	5
32529	68110	Thallium	1	1.415	1.415
32536	68110	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32570	68110	Thallium	1	1.465	1.465
32645	68110	Thallium	1	1.57	1.57
32707	68110	Thallium	1	1.645	1.645
32727	68110	Thallium	1	1.345	1.345
32733	68110	Thallium	1	5	5
32734	68110	Thallium	1	5.85	5.85
32875	68110	Thallium	1	5	5
32903	68110	Thallium	1	1.455	1.455
32915	68110	Thallium	1	1.47	1.47
32927	68110	Thallium	1	5	5
32996	68110	Thallium	1	5.45	5.45
33078	68110	Thallium	1	1.37	1.37
33084	68110	Thallium	1	1.335	1.335
33280	68110	Thallium	1	1.35	1.35
33421	68110	Thallium	1	1.285	1.285
33468	68110	Thallium	1	5.4	5.4
33472	68110	Thallium	1	1.34	1.34
33477	68110	Thallium	1	4.75	4.75
33483	68110	Thallium	1	5.3	5.3
33512	68110	Thallium	1	1.31	1.31
33519	68110	Thallium	1	1.365	1.365
33543	68110	Thallium	1	1.335	1.335
33555	68110	Thallium	1	1.35	1.35
33602	68110	Thallium	1	5	5
33629	68110	Thallium	1	5	5
33635	68110	Thallium	1	1.54	1.54
33714	68110	Thallium	1	5	5
33725	68110	Thallium	1	1.31	1.31
33840	68110	Thallium	1	5	5
33927	68110	Thallium	1	5	5
34002	68110	Thallium	1	5	5
34047	68110	Thallium	1	1.335	1.335
34116	68110	Thallium	1	1.43	1.43
34237	68110	Thallium	1	1.375	1.375
34260	68110	Thallium	1	1.46	1.46
34266	68110	Thallium	1	1.53	1.53
34272	68110	Thallium	1	5	5
34276	68110	Thallium	1	5	5
34287	68110	Thallium	1	1.465	1.465
34613	68110	Thallium	1	5	5
34625	68110	Thallium	1	5	5
34638	68110	Thallium	1	5	5
34674	68110	Thallium	1	5	5
34696	68110	Thallium	1	5	5
34710	68110	Thallium	1	1.5	1.5
34733	68110	Thallium	1	1.345	1.345
34738	68110	Thallium	1	5.15	5.15

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34742	68110	Thallium	1	5	5
34821	68110	Thallium	1	1.35	1.35
35022	68110	Thallium	1	1.325	1.325
35047	68110	Thallium	1	1.485	1.485
35180	68110	Thallium	1	1.53	1.53
35183	68110	Thallium	1	1.255	1.255
35249	68110	Thallium	1	1.31	1.31
35384	68110	Thallium	1	5.3	5.3
35438	68110	Thallium	1	1.275	1.275
35501	68110	Thallium	1	5	5
35558	68110	Thallium	1	1.4	1.4
35589	68110	Thallium	1	1.345	1.345
35637	68110	Thallium	1	6	6
35710	68110	Thallium	1	5	5
35754	68110	Thallium	1	1.36	1.36
35787	68110	Thallium	1	5	5
35792	68110	Thallium	1	5	5
35793	68110	Thallium	1	5	5
36189	68110	Thallium	1	1.44	1.44
37075	68110	Thallium	1	1.37	1.37
37434	68110	Thallium	1	5	5
37456	68110	Thallium	1	1.53	1.53
37525	68110	Thallium	1	1.52	1.52
37674	68110	Thallium	1	1.445	1.445
37821	68110	Thallium	1	1.355	1.355
38725	68110	Thallium	1	5	5
38863	68110	Thallium	1	5	5
39142	68110	Thallium	1	5.3	5.3
39271	68110	Thallium	1	1.34	1.34
39434	68110	Thallium	1	1.355	1.355
39572	68110	Thallium	1	5	5
55636	68110	Thallium	1	5.55	5.55
74149	68110	Thallium	1	5.35	5.35
79377	68110	Thallium	1	5.35	5.35
81398	68110	Thallium	1	5.95	5.95
81400	68110	Thallium	1	5.2	5.2
87991	68110	Thallium	1	5.2	5.2
90908	68110	Thallium	1	4.9	4.9
91449	68110	Thallium	1	5.65	5.65
92501	68110	Thallium	1	4.7	4.7
92675	68110	Thallium	1	4.6	4.6
93337	68110	Thallium	1	4.9	4.9
93338	68110	Thallium	1	5.4	5.4
93342	68110	Thallium	1	4.6	4.6
93344	68110	Thallium	1	5.7	5.7
93345	68110	Thallium	1	5.85	5.85
2035	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2075	68111	Thallium	1	5	5
2103	68111	Thallium	1	5	5
2109	68111	Thallium	1	5	5
2118	68111	Thallium	1	1.475	1.475
2121	68111	Thallium	1	5	5
2126	68111	Thallium	1	5	5
2154	68111	Thallium	1	5	5
2179	68111	Thallium	1	5	5
2216	68111	Thallium	1	5	5
2225	68111	Thallium	1	5	5
2231	68111	Thallium	1	5	5
2262	68111	Thallium	1	5	5
2365	68111	Thallium	1	0.565	0.565
2425	68111	Thallium	1	1.385	1.385
2565	68111	Thallium	1	1.365	1.365
3046	68111	Thallium	1	0.525	0.525
3051	68111	Thallium	1	1.3	1.3
3058	68111	Thallium	1	0.51	0.51
3091	68111	Thallium	1	0.5	0.5
3133	68111	Thallium	1	0.515	0.515
3151	68111	Thallium	1	0.595	0.595
5013	68111	Thallium	1	5	5
5085	68111	Thallium	1	5	5
5170	68111	Thallium	1	5	5
5171	68111	Thallium	1	5	5
5204	68111	Thallium	1	5	5
5206	68111	Thallium	1	5	5
5208	68111	Thallium	1	5	5
5215	68111	Thallium	1	5	5
5221	68111	Thallium	1	5	5
5230	68111	Thallium	1	5	5
5232	68111	Thallium	1	5	5
5234	68111	Thallium	1	5	5
5236	68111	Thallium	1	5	5
5238	68111	Thallium	1	5	5
5240	68111	Thallium	1	5	5
5242	68111	Thallium	1	5	5
5246	68111	Thallium	1	5	5
5288	68111	Thallium	1	5	5
5296	68111	Thallium	1	5	5
5330	68111	Thallium	1	0.55	0.55
5333	68111	Thallium	1	0.515	0.515
5513	68111	Thallium	1	2.23	2.23
5514	68111	Thallium	1	1.55	1.55
5618	68111	Thallium	1	1.56	1.56
25647	68111	Thallium	1	1.175	1.175
25663	68111	Thallium	1	1.38	1.38

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25670	68111	Thallium	1	1.385	1.385
25708	68111	Thallium	1	5	5
25709	68111	Thallium	1	4.85	4.85
25750	68111	Thallium	1	5	5
25780	68111	Thallium	1	5.15	5.15
25786	68111	Thallium	1	5	5
25794	68111	Thallium	1	5	5
25804	68111	Thallium	1	5	5
25805	68111	Thallium	1	5	5
25834	68111	Thallium	1	1.49	1.49
25849	68111	Thallium	1	1.455	1.455
25869	68111	Thallium	1	4.84	4.84
25874	68111	Thallium	1	1.33	1.33
25877	68111	Thallium	1	5	5
25894	68111	Thallium	1	5	5
25903	68111	Thallium	1	5	5
25918	68111	Thallium	1	5.8	5.8
25921	68111	Thallium	1	1.26	1.26
25977	68111	Thallium	1	5	5
25985	68111	Thallium	1	1.405	1.405
26005	68111	Thallium	1	1.46	1.46
26009	68111	Thallium	1	5	5
26011	68111	Thallium	1	1.525	1.525
26030	68111	Thallium	1	1.505	1.505
26042	68111	Thallium	1	1.305	1.305
26043	68111	Thallium	1	53.9	53.9
26045	68111	Thallium	1	1.42	1.42
26053	68111	Thallium	1	1.515	1.515
26084	68111	Thallium	1	5.55	5.55
26100	68111	Thallium	1	1.445	1.445
26124	68111	Thallium	1	1.475	1.475
26135	68111	Thallium	1	1.61	1.61
26142	68111	Thallium	1	1.495	1.495
26149	68111	Thallium	1	5	5
26160	68111	Thallium	1	1.375	1.375
26164	68111	Thallium	1	5.15	5.15
26191	68111	Thallium	1	1.75	1.75
26199	68111	Thallium	1	5	5
26202	68111	Thallium	1	1.44	1.44
26204	68111	Thallium	1	5	5
26211	68111	Thallium	1	5.06	5.06
26215	68111	Thallium	1	5	5
26228	68111	Thallium	1	1.455	1.455
26229	68111	Thallium	1	1.515	1.515
26231	68111	Thallium	1	1.335	1.335
26249	68111	Thallium	1	5.15	5.15
26257	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
26263	68111	Thallium	1	5	5
26288	68111	Thallium	1	1.47	1.47
26289	68111	Thallium	1	1.465	1.465
26290	68111	Thallium	1	5	5
26295	68111	Thallium	1	5	5
26303	68111	Thallium	1	4.71	4.71
26327	68111	Thallium	1	1.49	1.49
26372	68111	Thallium	1	5	5
26428	68111	Thallium	1	12.7	12.7
26456	68111	Thallium	1	23.1	23.1
26459	68111	Thallium	1	5	5
26480	68111	Thallium	1	5	5
26485	68111	Thallium	1	5	5
26514	68111	Thallium	1	5	5
26518	68111	Thallium	1	5	5
26543	68111	Thallium	1	5	5
26570	68111	Thallium	1	5	5
26604	68111	Thallium	1	5	5
26653	68111	Thallium	1	5	5
26663	68111	Thallium	1	5	5
26665	68111	Thallium	1	1.485	1.485
26682	68111	Thallium	1	5	5
26695	68111	Thallium	1	5	5
26716	68111	Thallium	1	5	5
26742	68111	Thallium	1	1.66	1.66
26757	68111	Thallium	1	5	5
26759	68111	Thallium	1	5	5
26772	68111	Thallium	1	1.25	1.25
26779	68111	Thallium	1	1.395	1.395
26783	68111	Thallium	1	1.585	1.585
26834	68111	Thallium	1	1.41	1.41
26844	68111	Thallium	1	5	5
26858	68111	Thallium	1	1.335	1.335
26865	68111	Thallium	1	5	5
26868	68111	Thallium	1	5	5
26869	68111	Thallium	1	1.275	1.275
26877	68111	Thallium	1	5	5
26891	68111	Thallium	1	1.335	1.335
26948	68111	Thallium	1	5	5
26955	68111	Thallium	1	5	5
26967	68111	Thallium	1	5	5
26996	68111	Thallium	1	1.295	1.295
26997	68111	Thallium	1	5	5
26999	68111	Thallium	1	1.44	1.44
27005	68111	Thallium	1	5	5
27031	68111	Thallium	1	1.33	1.33
27038	68111	Thallium	1	5.4	5.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27052	68111	Thallium	1	5	5
27074	68111	Thallium	1	5	5
27096	68111	Thallium	1	1.455	1.455
27107	68111	Thallium	1	1.46	1.46
27117	68111	Thallium	1	5.15	5.15
27120	68111	Thallium	1	5	5
27137	68111	Thallium	1	5	5
27138	68111	Thallium	1	5	5
27139	68111	Thallium	1	1.335	1.335
27140	68111	Thallium	1	5	5
27142	68111	Thallium	1	5.35	5.35
27144	68111	Thallium	1	5	5
27145	68111	Thallium	1	5	5
27148	68111	Thallium	1	5	5
27177	68111	Thallium	1	5	5
27185	68111	Thallium	1	5	5
27191	68111	Thallium	1	5	5
27193	68111	Thallium	1	1.41	1.41
27202	68111	Thallium	1	5	5
27264	68111	Thallium	1	6.1	6.1
27266	68111	Thallium	1	5	5
27269	68111	Thallium	1	5.15	5.15
27278	68111	Thallium	1	5	5
27308	68111	Thallium	1	5	5
27315	68111	Thallium	1	5.3	5.3
27318	68111	Thallium	1	1.315	1.315
27342	68111	Thallium	1	1.415	1.415
27347	68111	Thallium	1	5	5
27366	68111	Thallium	1	1.29	1.29
27369	68111	Thallium	1	5	5
27399	68111	Thallium	1	5	5
27402	68111	Thallium	1	6.1	6.1
27446	68111	Thallium	1	5.2	5.2
27461	68111	Thallium	1	5	5
27467	68111	Thallium	1	1.325	1.325
27475	68111	Thallium	1	5	5
27481	68111	Thallium	1	5	5
27488	68111	Thallium	1	1.315	1.315
27524	68111	Thallium	1	5	5
27567	68111	Thallium	1	1.315	1.315
27581	68111	Thallium	1	1.615	1.615
27585	68111	Thallium	1	1.51	1.51
27604	68111	Thallium	1	1.605	1.605
27608	68111	Thallium	1	1.46	1.46
27630	68111	Thallium	1	5	5
27632	68111	Thallium	1	5	5
27658	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
27718	68111	Thallium	1	1.625	1.625
27734	68111	Thallium	1	5	5
27739	68111	Thallium	1	1.355	1.355
27742	68111	Thallium	1	5	5
27764	68111	Thallium	1	5	5
27768	68111	Thallium	1	1.485	1.485
27780	68111	Thallium	1	1.41	1.41
27854	68111	Thallium	1	5	5
27859	68111	Thallium	1	1.51	1.51
27885	68111	Thallium	1	5	5
27886	68111	Thallium	1	5	5
27913	68111	Thallium	1	1.315	1.315
27920	68111	Thallium	1	1.41	1.41
27924	68111	Thallium	1	5	5
27939	68111	Thallium	1	5	5
27962	68111	Thallium	1	3.73	3.73
28004	68111	Thallium	1	5	5
28011	68111	Thallium	1	5	5
28019	68111	Thallium	1	1.555	1.555
28020	68111	Thallium	1	5	5
28022	68111	Thallium	1	1.275	1.275
28045	68111	Thallium	1	1.595	1.595
28065	68111	Thallium	1	5	5
28072	68111	Thallium	1	4.95	4.95
28105	68111	Thallium	1	1.27	1.27
28108	68111	Thallium	1	1.305	1.305
28144	68111	Thallium	1	1.395	1.395
28148	68111	Thallium	1	5	5
28154	68111	Thallium	1	1.38	1.38
28157	68111	Thallium	1	5.25	5.25
28185	68111	Thallium	1	5.4	5.4
28186	68111	Thallium	1	1.315	1.315
28188	68111	Thallium	1	5	5
28218	68111	Thallium	1	1.46	1.46
28222	68111	Thallium	1	1.685	1.685
28273	68111	Thallium	1	5	5
28284	68111	Thallium	1	5	5
28329	68111	Thallium	1	1.405	1.405
28338	68111	Thallium	1	5	5
28375	68111	Thallium	1	5	5
28377	68111	Thallium	1	5	5
28417	68111	Thallium	1	5	5
28423	68111	Thallium	1	6.35	6.35
28434	68111	Thallium	1	5	5
28518	68111	Thallium	1	1.495	1.495
28544	68111	Thallium	1	5	5
28558	68111	Thallium	1	1.4	1.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
28561	68111	Thallium	1	5	5
28573	68111	Thallium	1	4.95	4.95
28611	68111	Thallium	1	5	5
28612	68111	Thallium	1	1.485	1.485
28618	68111	Thallium	1	5	5
28623	68111	Thallium	1	1.495	1.495
28625	68111	Thallium	1	1.385	1.385
28648	68111	Thallium	1	5	5
28661	68111	Thallium	1	1.39	1.39
28688	68111	Thallium	1	5	5
28709	68111	Thallium	1	5	5
28713	68111	Thallium	1	1.44	1.44
28725	68111	Thallium	1	1.38	1.38
28730	68111	Thallium	1	1.405	1.405
28749	68111	Thallium	1	5	5
28763	68111	Thallium	1	1.425	1.425
28764	68111	Thallium	1	1.41	1.41
28766	68111	Thallium	1	5	5
28781	68111	Thallium	1	1.495	1.495
28785	68111	Thallium	1	1.35	1.35
28798	68111	Thallium	1	5	5
28799	68111	Thallium	1	1.31	1.31
28809	68111	Thallium	1	1.28	1.28
28811	68111	Thallium	1	5	5
28819	68111	Thallium	1	5	5
28836	68111	Thallium	1	5	5
28837	68111	Thallium	1	1.345	1.345
28841	68111	Thallium	1	1.34	1.34
28846	68111	Thallium	1	5	5
28893	68111	Thallium	1	5	5
28909	68111	Thallium	1	1.605	1.605
28942	68111	Thallium	1	1.385	1.385
28959	68111	Thallium	1	5	5
28963	68111	Thallium	1	1.4	1.4
28967	68111	Thallium	1	15.5	15.5
28984	68111	Thallium	1	1.325	1.325
28991	68111	Thallium	1	1.495	1.495
29002	68111	Thallium	1	1.425	1.425
29023	68111	Thallium	1	5	5
29033	68111	Thallium	1	5	5
29037	68111	Thallium	1	5	5
29071	68111	Thallium	1	5	5
29090	68111	Thallium	1	5	5
29101	68111	Thallium	1	1.55	1.55
29102	68111	Thallium	1	5	5
29105	68111	Thallium	1	5	5
29155	68111	Thallium	1	4.8	4.8

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29165	68111	Thallium	1	5.15	5.15
29175	68111	Thallium	1	5	5
29177	68111	Thallium	1	5	5
29181	68111	Thallium	1	1.375	1.375
29204	68111	Thallium	1	5	5
29205	68111	Thallium	1	5	5
29214	68111	Thallium	1	5	5
29220	68111	Thallium	1	1.335	1.335
29240	68111	Thallium	1	1.445	1.445
29248	68111	Thallium	1	1.63	1.63
29274	68111	Thallium	1	5.1	5.1
29285	68111	Thallium	1	1.48	1.48
29328	68111	Thallium	1	1.34	1.34
29343	68111	Thallium	1	1.44	1.44
29354	68111	Thallium	1	1.335	1.335
29358	68111	Thallium	1	5	5
29386	68111	Thallium	1	1.365	1.365
29409	68111	Thallium	1	5	5
29431	68111	Thallium	1	1.395	1.395
29432	68111	Thallium	1	1.41	1.41
29445	68111	Thallium	1	5	5
29469	68111	Thallium	1	1.47	1.47
29499	68111	Thallium	1	1.385	1.385
29552	68111	Thallium	1	1.345	1.345
29558	68111	Thallium	1	5	5
29578	68111	Thallium	1	1.41	1.41
29608	68111	Thallium	1	1.455	1.455
29625	68111	Thallium	1	5	5
29633	68111	Thallium	1	5	5
29671	68111	Thallium	1	1.375	1.375
29678	68111	Thallium	1	1.37	1.37
29683	68111	Thallium	1	1.375	1.375
29684	68111	Thallium	1	1.3	1.3
29689	68111	Thallium	1	1.455	1.455
29717	68111	Thallium	1	5.1	5.1
29777	68111	Thallium	1	5	5
29792	68111	Thallium	1	5	5
29806	68111	Thallium	1	1.55	1.55
29818	68111	Thallium	1	5	5
29824	68111	Thallium	1	5	5
29826	68111	Thallium	1	5	5
29881	68111	Thallium	1	1.48	1.48
29889	68111	Thallium	1	5	5
29910	68111	Thallium	1	5	5
29912	68111	Thallium	1	5	5
29927	68111	Thallium	1	5.55	5.55
29953	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
29974	68111	Thallium	1	5	5
29978	68111	Thallium	1	1.495	1.495
29991	68111	Thallium	1	5	5
29993	68111	Thallium	1	5	5
30012	68111	Thallium	1	5	5
30045	68111	Thallium	1	1.39	1.39
30050	68111	Thallium	1	5	5
30068	68111	Thallium	1	1.36	1.36
30078	68111	Thallium	1	1.405	1.405
30081	68111	Thallium	1	1.465	1.465
30123	68111	Thallium	1	5	5
30130	68111	Thallium	1	1.36	1.36
30133	68111	Thallium	1	5	5
30161	68111	Thallium	1	5	5
30169	68111	Thallium	1	5	5
30171	68111	Thallium	1	5	5
30177	68111	Thallium	1	1.335	1.335
30182	68111	Thallium	1	1.3	1.3
30201	68111	Thallium	1	5	5
30220	68111	Thallium	1	1.33	1.33
30225	68111	Thallium	1	1.365	1.365
30244	68111	Thallium	1	5	5
30253	68111	Thallium	1	5	5
30345	68111	Thallium	1	1.34	1.34
30347	68111	Thallium	1	5	5
30387	68111	Thallium	1	5	5
30417	68111	Thallium	1	5.05	5.05
30420	68111	Thallium	1	5	5
30434	68111	Thallium	1	5	5
30455	68111	Thallium	1	1.41	1.41
30462	68111	Thallium	1	1.61	1.61
30494	68111	Thallium	1	1.255	1.255
30521	68111	Thallium	1	1.33	1.33
30526	68111	Thallium	1	5	5
30536	68111	Thallium	1	1.495	1.495
30563	68111	Thallium	1	5	5
30580	68111	Thallium	1	5	5
30625	68111	Thallium	1	1.42	1.42
30644	68111	Thallium	1	1.52	1.52
30645	68111	Thallium	1	1.38	1.38
30683	68111	Thallium	1	5.25	5.25
30699	68111	Thallium	1	5	5
30700	68111	Thallium	1	5	5
30714	68111	Thallium	1	1.43	1.43
30757	68111	Thallium	1	1.37	1.37
30802	68111	Thallium	1	5	5
30813	68111	Thallium	1	4.9	4.9

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
30817	68111	Thallium	1	5.2	5.2
30836	68111	Thallium	1	1.31	1.31
30841	68111	Thallium	1	2.85	2.85
30844	68111	Thallium	1	5	5
30881	68111	Thallium	1	1.52	1.52
30888	68111	Thallium	1	1.46	1.46
30918	68111	Thallium	1	1.35	1.35
30927	68111	Thallium	1	5	5
30932	68111	Thallium	1	5	5
30933	68111	Thallium	1	5	5
30939	68111	Thallium	1	5.45	5.45
30978	68111	Thallium	1	5.5	5.5
30991	68111	Thallium	1	1.455	1.455
30995	68111	Thallium	1	5.4	5.4
30997	68111	Thallium	1	1.375	1.375
31008	68111	Thallium	1	1.54	1.54
31042	68111	Thallium	1	5.15	5.15
31045	68111	Thallium	1	5	5
31046	68111	Thallium	1	5	5
31052	68111	Thallium	1	1.435	1.435
31056	68111	Thallium	1	5	5
31071	68111	Thallium	1	5	5
31074	68111	Thallium	1	5	5
31076	68111	Thallium	1	1.375	1.375
31081	68111	Thallium	1	1.385	1.385
31102	68111	Thallium	1	1.385	1.385
31104	68111	Thallium	1	5	5
31120	68111	Thallium	1	5	5
31129	68111	Thallium	1	5.1	5.1
31131	68111	Thallium	1	5	5
31141	68111	Thallium	1	5	5
31145	68111	Thallium	1	5	5
31163	68111	Thallium	1	5	5
31171	68111	Thallium	1	5	5
31176	68111	Thallium	1	5	5
31186	68111	Thallium	1	5	5
31189	68111	Thallium	1	5	5
31192	68111	Thallium	1	5	5
31206	68111	Thallium	1	5	5
31229	68111	Thallium	1	5	5
31237	68111	Thallium	1	1.25	1.25
31262	68111	Thallium	1	5	5
31300	68111	Thallium	1	1.5	1.5
31303	68111	Thallium	1	5	5
31316	68111	Thallium	1	1.53	1.53
31357	68111	Thallium	1	5	5
31360	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
31361	68111	Thallium	1	5	5
31362	68111	Thallium	1	1.37	1.37
31365	68111	Thallium	1	1.405	1.405
31366	68111	Thallium	1	5	5
31377	68111	Thallium	1	5	5
31398	68111	Thallium	1	1.53	1.53
31408	68111	Thallium	1	5	5
31433	68111	Thallium	1	1.5	1.5
31442	68111	Thallium	1	1.385	1.385
31444	68111	Thallium	1	5	5
31457	68111	Thallium	1	1.31	1.31
31478	68111	Thallium	1	5	5
31517	68111	Thallium	1	1.34	1.34
31583	68111	Thallium	1	5	5
31603	68111	Thallium	1	5.25	5.25
31607	68111	Thallium	1	5	5
31615	68111	Thallium	1	1.37	1.37
31695	68111	Thallium	1	5	5
31698	68111	Thallium	1	5	5
31733	68111	Thallium	1	5	5
31740	68111	Thallium	1	5	5
31799	68111	Thallium	1	5	5
31803	68111	Thallium	1	5	5
31823	68111	Thallium	1	6.1	6.1
31850	68111	Thallium	1	5	5
31853	68111	Thallium	1	5	5
31854	68111	Thallium	1	1.495	1.495
31858	68111	Thallium	1	5	5
31868	68111	Thallium	1	5	5
31871	68111	Thallium	1	5	5
31882	68111	Thallium	1	5.1	5.1
31887	68111	Thallium	1	1.375	1.375
31896	68111	Thallium	1	5	5
31899	68111	Thallium	1	5	5
31911	68111	Thallium	1	5	5
31925	68111	Thallium	1	5.1	5.1
31936	68111	Thallium	1	5	5
31964	68111	Thallium	1	5	5
31965	68111	Thallium	1	5	5
31977	68111	Thallium	1	1.315	1.315
31986	68111	Thallium	1	5	5
32001	68111	Thallium	1	6.05	6.05
32016	68111	Thallium	1	5	5
32021	68111	Thallium	1	1.36	1.36
32022	68111	Thallium	1	6.12	6.12
32040	68111	Thallium	1	5	5
32046	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32049	68111	Thallium	1	5.35	5.35
32070	68111	Thallium	1	5.2	5.2
32081	68111	Thallium	1	5	5
32089	68111	Thallium	1	5	5
32092	68111	Thallium	1	5.95	5.95
32153	68111	Thallium	1	1.3	1.3
32162	68111	Thallium	1	5	5
32168	68111	Thallium	1	1.445	1.445
32208	68111	Thallium	1	1.305	1.305
32228	68111	Thallium	1	5	5
32252	68111	Thallium	1	5	5
32256	68111	Thallium	1	1.4	1.4
32261	68111	Thallium	1	5	5
32267	68111	Thallium	1	5	5
32276	68111	Thallium	1	1.36	1.36
32277	68111	Thallium	1	1.69	1.69
32283	68111	Thallium	1	1.415	1.415
32284	68111	Thallium	1	5.7	5.7
32287	68111	Thallium	1	5	5
32293	68111	Thallium	1	5	5
32311	68111	Thallium	1	5	5
32316	68111	Thallium	1	5	5
32325	68111	Thallium	1	1.385	1.385
32339	68111	Thallium	1	1.47	1.47
32346	68111	Thallium	1	1.375	1.375
32414	68111	Thallium	1	5	5
32418	68111	Thallium	1	5	5
32428	68111	Thallium	1	5	5
32429	68111	Thallium	1	5	5
32441	68111	Thallium	1	5	5
32444	68111	Thallium	1	5	5
32455	68111	Thallium	1	5	5
32456	68111	Thallium	1	5	5
32458	68111	Thallium	1	5	5
32497	68111	Thallium	1	5	5
32502	68111	Thallium	1	1.475	1.475
32539	68111	Thallium	1	1.305	1.305
32547	68111	Thallium	1	5	5
32562	68111	Thallium	1	1.445	1.445
32581	68111	Thallium	1	5	5
32596	68111	Thallium	1	1.595	1.595
32633	68111	Thallium	1	1.33	1.33
32673	68111	Thallium	1	5.05	5.05
32678	68111	Thallium	1	5	5
32686	68111	Thallium	1	5	5
32696	68111	Thallium	1	5	5
32702	68111	Thallium	1	5.25	5.25

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
32708	68111	Thallium	1	1.31	1.31
32736	68111	Thallium	1	1.545	1.545
32775	68111	Thallium	1	5	5
32779	68111	Thallium	1	1.355	1.355
32780	68111	Thallium	1	5	5
32783	68111	Thallium	1	1.325	1.325
32818	68111	Thallium	1	1.41	1.41
32847	68111	Thallium	1	5	5
32851	68111	Thallium	1	1.495	1.495
32852	68111	Thallium	1	5	5
32874	68111	Thallium	1	5	5
32876	68111	Thallium	1	5	5
32891	68111	Thallium	1	4.9	4.9
32896	68111	Thallium	1	5	5
32912	68111	Thallium	1	1.31	1.31
32914	68111	Thallium	1	5.5	5.5
32931	68111	Thallium	1	5	5
32940	68111	Thallium	1	1.34	1.34
32949	68111	Thallium	1	5	5
32968	68111	Thallium	1	5	5
32972	68111	Thallium	1	5	5
32973	68111	Thallium	1	5	5
32974	68111	Thallium	1	5	5
32989	68111	Thallium	1	5	5
32992	68111	Thallium	1	1.445	1.445
33009	68111	Thallium	1	5	5
33012	68111	Thallium	1	5.05	5.05
33014	68111	Thallium	1	5	5
33036	68111	Thallium	1	5	5
33037	68111	Thallium	1	5	5
33042	68111	Thallium	1	1.335	1.335
33043	68111	Thallium	1	6.25	6.25
33060	68111	Thallium	1	5	5
33062	68111	Thallium	1	5	5
33120	68111	Thallium	1	4.9	4.9
33177	68111	Thallium	1	5	5
33207	68111	Thallium	1	1.405	1.405
33296	68111	Thallium	1	5	5
33314	68111	Thallium	1	1.42	1.42
33317	68111	Thallium	1	5	5
33350	68111	Thallium	1	5	5
33372	68111	Thallium	1	5.35	5.35
33392	68111	Thallium	1	5	5
33453	68111	Thallium	1	1.625	1.625
33456	68111	Thallium	1	1.305	1.305
33480	68111	Thallium	1	1.42	1.42
33492	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
33600	68111	Thallium	1	1.285	1.285
33607	68111	Thallium	1	5	5
33630	68111	Thallium	1	4.4	4.4
33631	68111	Thallium	1	5	5
33647	68111	Thallium	1	5	5
33696	68111	Thallium	1	1.47	1.47
33711	68111	Thallium	1	1.26	1.26
33741	68111	Thallium	1	1.345	1.345
33772	68111	Thallium	1	1.34	1.34
33803	68111	Thallium	1	1.315	1.315
33805	68111	Thallium	1	5	5
33806	68111	Thallium	1	5	5
33818	68111	Thallium	1	1.67	1.67
33831	68111	Thallium	1	1.44	1.44
33833	68111	Thallium	1	1.405	1.405
33856	68111	Thallium	1	5	5
33863	68111	Thallium	1	5	5
33875	68111	Thallium	1	5.1	5.1
33903	68111	Thallium	1	1.35	1.35
33915	68111	Thallium	1	1.275	1.275
33947	68111	Thallium	1	5	5
33997	68111	Thallium	1	5	5
34037	68111	Thallium	1	1.39	1.39
34040	68111	Thallium	1	5	5
34059	68111	Thallium	1	5	5
34060	68111	Thallium	1	5	5
34075	68111	Thallium	1	5	5
34088	68111	Thallium	1	1.33	1.33
34126	68111	Thallium	1	5	5
34128	68111	Thallium	1	1.445	1.445
34142	68111	Thallium	1	5	5
34173	68111	Thallium	1	1.4	1.4
34179	68111	Thallium	1	5	5
34200	68111	Thallium	1	5	5
34219	68111	Thallium	1	5.8	5.8
34222	68111	Thallium	1	5	5
34224	68111	Thallium	1	5.6	5.6
34225	68111	Thallium	1	5	5
34247	68111	Thallium	1	5	5
34251	68111	Thallium	1	5	5
34255	68111	Thallium	1	5	5
34257	68111	Thallium	1	5	5
34320	68111	Thallium	1	1.575	1.575
34371	68111	Thallium	1	1.425	1.425
34377	68111	Thallium	1	5.1	5.1
34387	68111	Thallium	1	1.405	1.405
34396	68111	Thallium	1	5.65	5.65

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
34430	68111	Thallium	1	1.355	1.355
34444	68111	Thallium	1	5	5
34478	68111	Thallium	1	1.555	1.555
34503	68111	Thallium	1	5	5
34560	68111	Thallium	1	5.65	5.65
34562	68111	Thallium	1	5	5
34595	68111	Thallium	1	6	6
34621	68111	Thallium	1	5	5
34626	68111	Thallium	1	5	5
34639	68111	Thallium	1	1.38	1.38
34663	68111	Thallium	1	1.54	1.54
34669	68111	Thallium	1	5	5
34691	68111	Thallium	1	1.285	1.285
34703	68111	Thallium	1	5	5
34766	68111	Thallium	1	5	5
34778	68111	Thallium	1	5	5
34888	68111	Thallium	1	26.4	26.4
34892	68111	Thallium	1	1.39	1.39
34904	68111	Thallium	1	1.24	1.24
34917	68111	Thallium	1	5.2	5.2
34923	68111	Thallium	1	5.05	5.05
34936	68111	Thallium	1	1.4	1.4
34948	68111	Thallium	1	5	5
34953	68111	Thallium	1	1.35	1.35
34985	68111	Thallium	1	5.75	5.75
34993	68111	Thallium	1	1.35	1.35
34999	68111	Thallium	1	1.44	1.44
35003	68111	Thallium	1	4.95	4.95
35014	68111	Thallium	1	1.39	1.39
35042	68111	Thallium	1	5.3	5.3
35043	68111	Thallium	1	1.42	1.42
35059	68111	Thallium	1	1.48	1.48
35072	68111	Thallium	1	1.465	1.465
35095	68111	Thallium	1	5	5
35137	68111	Thallium	1	1.23	1.23
35152	68111	Thallium	1	5	5
35223	68111	Thallium	1	5	5
35233	68111	Thallium	1	1.555	1.555
35242	68111	Thallium	1	5	5
35252	68111	Thallium	1	1.445	1.445
35273	68111	Thallium	1	5	5
35285	68111	Thallium	1	5	5
35287	68111	Thallium	1	5	5
35288	68111	Thallium	1	1.545	1.545
35290	68111	Thallium	1	1.36	1.36
35350	68111	Thallium	1	5	5
35404	68111	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
35417	68111	Thallium	1	5.1	5.1
35458	68111	Thallium	1	1.455	1.455
35495	68111	Thallium	1	5	5
35503	68111	Thallium	1	5	5
35513	68111	Thallium	1	5	5
35517	68111	Thallium	1	6.25	6.25
35536	68111	Thallium	1	5	5
35575	68111	Thallium	1	1.33	1.33
35614	68111	Thallium	1	1.545	1.545
35619	68111	Thallium	1	1.37	1.37
35786	68111	Thallium	1	1.265	1.265
35821	68111	Thallium	1	1.48	1.48
35822	68111	Thallium	1	1.45	1.45
35826	68111	Thallium	1	5	5
35830	68111	Thallium	1	5.2	5.2
35877	68111	Thallium	1	1.15	1.15
35921	68111	Thallium	1	5	5
35935	68111	Thallium	1	5	5
35943	68111	Thallium	1	5	5
35947	68111	Thallium	1	5	5
35964	68111	Thallium	1	5.55	5.55
35969	68111	Thallium	1	5	5
36000	68111	Thallium	1	5	5
36007	68111	Thallium	1	19.6	19.6
36015	68111	Thallium	1	4.8	4.8
36024	68111	Thallium	1	5	5
36040	68111	Thallium	1	1.36	1.36
36046	68111	Thallium	1	5	5
36072	68111	Thallium	1	5	5
36093	68111	Thallium	1	5	5
36116	68111	Thallium	1	5	5
36138	68111	Thallium	1	5.15	5.15
36167	68111	Thallium	1	5	5
36194	68111	Thallium	1	1.325	1.325
36212	68111	Thallium	1	1.35	1.35
36238	68111	Thallium	1	1.305	1.305
36246	68111	Thallium	1	2.73	2.73
36251	68111	Thallium	1	1.425	1.425
36257	68111	Thallium	1	5	5
36259	68111	Thallium	1	1.385	1.385
36269	68111	Thallium	1	1.425	1.425
36325	68111	Thallium	1	1.24	1.24
36356	68111	Thallium	1	1.49	1.49
36408	68111	Thallium	1	1.52	1.52
36410	68111	Thallium	1	5	5
36427	68111	Thallium	1	5.25	5.25
36464	68111	Thallium	1	1.455	1.455

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
36467	68111	Thallium	1	1.43	1.43
36507	68111	Thallium	1	1.39	1.39
36557	68111	Thallium	1	1.42	1.42
36574	68111	Thallium	1	5.25	5.25
36656	68111	Thallium	1	5.35	5.35
36679	68111	Thallium	1	5.95	5.95
36701	68111	Thallium	1	1.25	1.25
36706	68111	Thallium	1	1.305	1.305
36936	68111	Thallium	1	1.315	1.315
37023	68111	Thallium	1	5	5
37025	68111	Thallium	1	5	5
37031	68111	Thallium	1	5.2	5.2
37036	68111	Thallium	1	5.65	5.65
37049	68111	Thallium	1	1.46	1.46
37087	68111	Thallium	1	1.17	1.17
37097	68111	Thallium	1	5.6	5.6
37156	68111	Thallium	1	1.46	1.46
37189	68111	Thallium	1	1.23	1.23
37193	68111	Thallium	1	1.365	1.365
37210	68111	Thallium	1	1.435	1.435
37219	68111	Thallium	1	5	5
37223	68111	Thallium	1	1.51	1.51
37226	68111	Thallium	1	4.9	4.9
37276	68111	Thallium	1	5	5
37361	68111	Thallium	1	1.32	1.32
37402	68111	Thallium	1	1.3	1.3
37465	68111	Thallium	1	1.33	1.33
37470	68111	Thallium	1	1.355	1.355
37684	68111	Thallium	1	1.45	1.45
37738	68111	Thallium	1	1.33	1.33
37756	68111	Thallium	1	6	6
37907	68111	Thallium	2	1.405	1.445
37934	68111	Thallium	1	1.355	1.355
38007	68111	Thallium	1	5.2	5.2
38054	68111	Thallium	1	5	5
38066	68111	Thallium	1	1.405	1.405
38087	68111	Thallium	1	1.275	1.275
38202	68111	Thallium	1	1.47	1.47
38210	68111	Thallium	1	1.42	1.42
38253	68111	Thallium	1	1.31	1.31
38261	68111	Thallium	1	5	5
38269	68111	Thallium	1	5.65	5.65
38300	68111	Thallium	1	5	5
38363	68111	Thallium	1	1.39	1.39
38383	68111	Thallium	1	5	5
38407	68111	Thallium	1	1.295	1.295
38439	68111	Thallium	1	1.395	1.395

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
38446	68111	Thallium	1	5	5
38449	68111	Thallium	1	1.465	1.465
38527	68111	Thallium	1	1.44	1.44
38585	68111	Thallium	1	5.85	5.85
38587	68111	Thallium	1	5	5
38721	68111	Thallium	1	1.45	1.45
38724	68111	Thallium	1	1.335	1.335
38759	68111	Thallium	1	1.665	1.665
38780	68111	Thallium	1	5	5
38864	68111	Thallium	1	5	5
49203	68111	Thallium	1	5	5
49313	68111	Thallium	1	5	5
49314	68111	Thallium	1	1.41	1.41
49319	68111	Thallium	1	5.45	5.45
49341	68111	Thallium	1	1.28	1.28
49345	68111	Thallium	1	5.2	5.2
49354	68111	Thallium	1	5.6	5.6
50024	68111	Thallium	1	1.545	1.545
50049	68111	Thallium	1	1.335	1.335
50080	68111	Thallium	1	1.405	1.405
50105	68111	Thallium	1	1.41	1.41
50107	68111	Thallium	1	5	5
50120	68111	Thallium	1	5	5
50146	68111	Thallium	1	5	5
50356	68111	Thallium	1	5	5
50404	68111	Thallium	1	5	5
50410	68111	Thallium	1	5	5
50417	68111	Thallium	1	5	5
50424	68111	Thallium	1	1.49	1.49
50434	68111	Thallium	1	1.63	1.63
50447	68111	Thallium	1	1.29	1.29
63239	68111	Thallium	1	5.4	5.4
63751	68111	Thallium	1	4.65	4.65
68070	68111	Thallium	1	1.46	1.46
68686	68111	Thallium	1	5.2	5.2
73862	68111	Thallium	1	5.85	5.85
74664	68111	Thallium	1	5.2	5.2
75011	68111	Thallium	1	1.58	1.58
77146	68111	Thallium	1	5.05	5.05
79703	68111	Thallium	1	5.65	5.65
79704	68111	Thallium	1	5.65	5.65
87761	68111	Thallium	1	1.48	1.48
89893	68111	Thallium	1	4.35	4.35
90107	68111	Thallium	1	5.5	5.5
91234	68111	Thallium	1	5.45	5.45
91335	68111	Thallium	1	5.5	5.5
91926	68111	Thallium	1	5.4	5.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
2269	68112	Thallium	1	5	5
39755	68112	Thallium	1	5	5
39951	68112	Thallium	1	1.34	1.34
40194	68112	Thallium	1	5	5
40523	68112	Thallium	1	1.495	1.495
40879	68112	Thallium	1	1.37	1.37
2097	68131	Thallium	1	5	5
2156	68131	Thallium	1	5	5
2165	68131	Thallium	1	5.1	5.1
5037	68131	Thallium	1	5	5
5150	68131	Thallium	1	5	5
5153	68131	Thallium	1	5	5
5186	68131	Thallium	1	5	5
5188	68131	Thallium	1	5	5
5195	68131	Thallium	1	5	5
5197	68131	Thallium	1	5	5
5260	68131	Thallium	1	5	5
5272	68131	Thallium	1	5	5
5278	68131	Thallium	1	5	5
5298	68131	Thallium	1	5	5
5377	68131	Thallium	1	0.72	0.72
5379	68131	Thallium	1	0.775	0.775
5380	68131	Thallium	1	0.65	0.65
22856	68131	Thallium	1	5	5
23003	68131	Thallium	1	5	5
23016	68131	Thallium	1	5	5
23028	68131	Thallium	1	5	5
23072	68131	Thallium	1	4.59	4.59
23093	68131	Thallium	1	5.35	5.35
23144	68131	Thallium	1	1.525	1.525
23145	68131	Thallium	1	5.4	5.4
23150	68131	Thallium	1	5	5
23153	68131	Thallium	1	5	5
23211	68131	Thallium	1	1.36	1.36
23237	68131	Thallium	1	1.395	1.395
23274	68131	Thallium	1	5.35	5.35
23280	68131	Thallium	1	5	5
23301	68131	Thallium	1	5	5
23338	68131	Thallium	1	1.525	1.525
23344	68131	Thallium	1	1.415	1.415
23379	68131	Thallium	1	1.315	1.315
23399	68131	Thallium	1	1.36	1.36
23425	68131	Thallium	1	5	5
23433	68131	Thallium	1	5.25	5.25
23442	68131	Thallium	1	1.27	1.27
23460	68131	Thallium	1	5	5
23502	68131	Thallium	1	1.395	1.395

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
23512	68131	Thallium	1	1.4	1.4
23532	68131	Thallium	1	5	5
23537	68131	Thallium	1	5	5
23539	68131	Thallium	1	1.335	1.335
23577	68131	Thallium	1	1.29	1.29
23580	68131	Thallium	1	5	5
23584	68131	Thallium	1	5.05	5.05
23586	68131	Thallium	1	5	5
23611	68131	Thallium	1	1.285	1.285
23634	68131	Thallium	1	4.95	4.95
23673	68131	Thallium	1	5	5
23675	68131	Thallium	1	1.395	1.395
23700	68131	Thallium	1	5	5
23742	68131	Thallium	1	6.05	6.05
23786	68131	Thallium	1	5.55	5.55
23788	68131	Thallium	1	5	5
23790	68131	Thallium	1	1.29	1.29
23817	68131	Thallium	1	5	5
23822	68131	Thallium	1	5	5
23824	68131	Thallium	1	1.315	1.315
23845	68131	Thallium	1	5	5
23872	68131	Thallium	1	5	5
23895	68131	Thallium	1	5	5
23899	68131	Thallium	1	5	5
23922	68131	Thallium	1	1.28	1.28
23930	68131	Thallium	1	1.46	1.46
23961	68131	Thallium	1	5	5
23967	68131	Thallium	1	1.41	1.41
23968	68131	Thallium	1	1.485	1.485
23985	68131	Thallium	1	5	5
23986	68131	Thallium	1	5	5
24000	68131	Thallium	1	5	5
24010	68131	Thallium	1	5	5
24019	68131	Thallium	1	5	5
24027	68131	Thallium	1	5	5
24098	68131	Thallium	1	5	5
24109	68131	Thallium	1	5	5
24119	68131	Thallium	1	1.315	1.315
24126	68131	Thallium	1	5.1	5.1
24132	68131	Thallium	1	1.39	1.39
24141	68131	Thallium	1	5	5
24156	68131	Thallium	1	5	5
24162	68131	Thallium	1	5	5
24182	68131	Thallium	1	1.29	1.29
24190	68131	Thallium	1	1.365	1.365
24214	68131	Thallium	1	5	5
24240	68131	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
24272	68131	Thallium	1	5	5
24274	68131	Thallium	1	5	5
24277	68131	Thallium	1	5	5
24334	68131	Thallium	1	5	5
24348	68131	Thallium	1	5	5
24357	68131	Thallium	1	5	5
24358	68131	Thallium	1	5	5
24367	68131	Thallium	1	5	5
24370	68131	Thallium	1	5	5
24374	68131	Thallium	1	5	5
24376	68131	Thallium	1	1.425	1.425
24390	68131	Thallium	1	5	5
24396	68131	Thallium	1	5.65	5.65
24411	68131	Thallium	1	1.505	1.505
24451	68131	Thallium	1	1.455	1.455
24457	68131	Thallium	1	1.42	1.42
24577	68131	Thallium	1	5	5
24601	68131	Thallium	1	5.1	5.1
24605	68131	Thallium	1	1.4	1.4
24635	68131	Thallium	1	5	5
24640	68131	Thallium	1	1.375	1.375
24655	68131	Thallium	1	1.28	1.28
24674	68131	Thallium	1	5	5
24692	68131	Thallium	1	5	5
24693	68131	Thallium	1	1.37	1.37
24703	68131	Thallium	1	5	5
24740	68131	Thallium	1	1.55	1.55
24751	68131	Thallium	1	5	5
24757	68131	Thallium	1	5	5
24768	68131	Thallium	1	5.35	5.35
24776	68131	Thallium	1	1.385	1.385
24794	68131	Thallium	1	5	5
24800	68131	Thallium	1	5	5
24808	68131	Thallium	1	5	5
24887	68131	Thallium	1	5	5
24896	68131	Thallium	1	5	5
24931	68131	Thallium	1	5	5
24958	68131	Thallium	1	5	5
24962	68131	Thallium	1	1.325	1.325
24964	68131	Thallium	1	1.305	1.305
25005	68131	Thallium	1	5	5
25009	68131	Thallium	1	5	5
25061	68131	Thallium	1	1.375	1.375
25063	68131	Thallium	1	1.36	1.36
25078	68131	Thallium	1	1.56	1.56
25096	68131	Thallium	1	5.52	5.52
25130	68131	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
25133	68131	Thallium	1	5	5
25137	68131	Thallium	1	5	5
25167	68131	Thallium	1	1.37	1.37
25185	68131	Thallium	1	5	5
25189	68131	Thallium	1	5	5
25193	68131	Thallium	1	5	5
25202	68131	Thallium	1	1.33	1.33
25204	68131	Thallium	1	1.435	1.435
25231	68131	Thallium	1	5	5
25242	68131	Thallium	1	5.1	5.1
25281	68131	Thallium	1	1.465	1.465
25285	68131	Thallium	1	5	5
25296	68131	Thallium	1	4.85	4.85
25315	68131	Thallium	1	1.46	1.46
25324	68131	Thallium	1	1.41	1.41
25329	68131	Thallium	1	5	5
25331	68131	Thallium	1	5	5
25335	68131	Thallium	1	5.15	5.15
25337	68131	Thallium	1	5.25	5.25
25385	68131	Thallium	1	1.37	1.37
25391	68131	Thallium	1	12.5	12.5
25410	68131	Thallium	1	5	5
25425	68131	Thallium	1	5	5
25456	68131	Thallium	1	5.2	5.2
25547	68131	Thallium	1	1.405	1.405
25554	68131	Thallium	1	1.25	1.25
25558	68131	Thallium	1	5	5
25579	68131	Thallium	1	1.515	1.515
25604	68131	Thallium	1	1.45	1.45
25607	68131	Thallium	1	1.49	1.49
25634	68131	Thallium	1	4.9	4.9
25657	68131	Thallium	1	5	5
50446	68131	Thallium	1	5	5
89514	68131	Thallium	1	5.25	5.25
93114	68131	Thallium	1	5.45	5.45
93413	68131	Thallium	1	5.05	5.05
93419	68131	Thallium	1	5.1	5.1
5139	68132	Thallium	1	5	5
5140	68132	Thallium	1	5	5
5313	68132	Thallium	1	5	5
5317	68132	Thallium	1	5	5
49490	68132	Thallium	1	5	5
49500	68132	Thallium	1	5	5
49505	68132	Thallium	1	1.43	1.43
49521	68132	Thallium	1	5.15	5.15
49544	68132	Thallium	1	1.375	1.375
49558	68132	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49578	68132	Thallium	1	1.43	1.43
49618	68132	Thallium	1	5	5
49625	68132	Thallium	1	1.31	1.31
49627	68132	Thallium	1	1.31	1.31
49628	68132	Thallium	1	5.55	5.55
49642	68132	Thallium	1	1.46	1.46
49663	68132	Thallium	1	1.37	1.37
49671	68132	Thallium	1	1.4	1.4
49672	68132	Thallium	1	5	5
49676	68132	Thallium	1	1.4	1.4
49678	68132	Thallium	1	1.405	1.405
49682	68132	Thallium	1	5.2	5.2
49697	68132	Thallium	1	1.39	1.39
49701	68132	Thallium	1	5	5
49704	68132	Thallium	1	5.65	5.65
49716	68132	Thallium	1	5	5
49717	68132	Thallium	1	5.3	5.3
49724	68132	Thallium	1	1.335	1.335
49725	68132	Thallium	1	4.17	4.17
49726	68132	Thallium	1	5	5
49727	68132	Thallium	1	4.19	4.19
49736	68132	Thallium	1	4.85	4.85
49739	68132	Thallium	1	5.05	5.05
49759	68132	Thallium	1	5	5
49760	68132	Thallium	1	5	5
49774	68132	Thallium	1	1.325	1.325
49781	68132	Thallium	1	1.27	1.27
49783	68132	Thallium	1	1.4	1.4
49793	68132	Thallium	1	5	5
49800	68132	Thallium	1	1.22	1.22
49806	68132	Thallium	1	1.23	1.23
49812	68132	Thallium	1	1.4	1.4
49819	68132	Thallium	1	1.345	1.345
49833	68132	Thallium	1	1.44	1.44
49846	68132	Thallium	1	1.45	1.45
49852	68132	Thallium	1	1.265	1.265
49853	68132	Thallium	1	1.25	1.25
49855	68132	Thallium	1	1.465	1.465
49863	68132	Thallium	1	1.4	1.4
49884	68132	Thallium	1	1.38	1.38
49892	68132	Thallium	1	1.525	1.525
49902	68132	Thallium	1	1.555	1.555
49907	68132	Thallium	1	1.49	1.49
49911	68132	Thallium	1	1.37	1.37
49913	68132	Thallium	1	1.385	1.385
49918	68132	Thallium	1	5	5
49922	68132	Thallium	1	1.42	1.42

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
49929	68132	Thallium	1	1.365	1.365
49931	68132	Thallium	1	1.57	1.57
49936	68132	Thallium	1	5	5
49941	68132	Thallium	1	5.1	5.1
49943	68132	Thallium	1	5	5
49953	68132	Thallium	1	1.36	1.36
49956	68132	Thallium	1	1.465	1.465
49958	68132	Thallium	1	1.555	1.555
49961	68132	Thallium	1	1.45	1.45
49971	68132	Thallium	1	4.05	4.05
49974	68132	Thallium	1	5	5
49986	68132	Thallium	1	1.445	1.445
49994	68132	Thallium	1	5	5
49995	68132	Thallium	1	5.25	5.25
50479	68132	Thallium	1	5	5
50484	68132	Thallium	1	5	5
50485	68132	Thallium	1	5	5
50536	68132	Thallium	1	1.425	1.425
51190	68132	Thallium	1	5	5
51214	68132	Thallium	1	5	5
51217	68132	Thallium	1	5	5
51225	68132	Thallium	1	1.425	1.425
51228	68132	Thallium	1	5	5
51234	68132	Thallium	1	4.9	4.9
51256	68132	Thallium	1	5	5
51263	68132	Thallium	1	5	5
51270	68132	Thallium	1	5	5
51278	68132	Thallium	1	1.485	1.485
51280	68132	Thallium	1	1.365	1.365
51327	68132	Thallium	1	4.9	4.9
51349	68132	Thallium	1	1.205	1.205
51361	68132	Thallium	1	1.355	1.355
51369	68132	Thallium	1	1.31	1.31
51381	68132	Thallium	1	4.75	4.75
51391	68132	Thallium	1	5	5
51392	68132	Thallium	1	1.31	1.31
51394	68132	Thallium	1	1.43	1.43
51401	68132	Thallium	1	4.8	4.8
51412	68132	Thallium	1	4.7	4.7
51437	68132	Thallium	1	1.48	1.48
51440	68132	Thallium	1	5	5
51457	68132	Thallium	1	1.575	1.575
51483	68132	Thallium	1	1.325	1.325
51492	68132	Thallium	1	1.41	1.41
51504	68132	Thallium	1	5.1	5.1
51512	68132	Thallium	1	5	5
51519	68132	Thallium	1	1.35	1.35

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51525	68132	Thallium	1	5.25	5.25
51544	68132	Thallium	1	5.55	5.55
51546	68132	Thallium	1	5	5
51551	68132	Thallium	1	5	5
51569	68132	Thallium	1	5	5
51587	68132	Thallium	1	1.355	1.355
51588	68132	Thallium	1	5.25	5.25
51598	68132	Thallium	1	1.355	1.355
51600	68132	Thallium	1	1.455	1.455
51607	68132	Thallium	1	5	5
51630	68132	Thallium	1	4.85	4.85
51640	68132	Thallium	1	1.3	1.3
51645	68132	Thallium	1	1.46	1.46
51646	68132	Thallium	1	1.425	1.425
51659	68132	Thallium	1	1.49	1.49
51667	68132	Thallium	1	5	5
51671	68132	Thallium	1	1.505	1.505
51676	68132	Thallium	1	5	5
51705	68132	Thallium	1	5	5
51706	68132	Thallium	1	1.525	1.525
51708	68132	Thallium	1	5	5
51710	68132	Thallium	1	5.75	5.75
51712	68132	Thallium	1	1.485	1.485
51735	68132	Thallium	1	5.05	5.05
51750	68132	Thallium	1	5.1	5.1
51752	68132	Thallium	1	5	5
51767	68132	Thallium	1	5	5
51769	68132	Thallium	1	1.49	1.49
51779	68132	Thallium	1	5	5
51780	68132	Thallium	1	5	5
51785	68132	Thallium	1	5	5
51790	68132	Thallium	1	1.425	1.425
51800	68132	Thallium	1	5	5
51803	68132	Thallium	1	5	5
51805	68132	Thallium	1	5.15	5.15
51807	68132	Thallium	1	5.15	5.15
51808	68132	Thallium	1	5	5
51820	68132	Thallium	1	5	5
51829	68132	Thallium	1	5	5
51840	68132	Thallium	1	5	5
51844	68132	Thallium	1	5.9	5.9
51846	68132	Thallium	1	5.15	5.15
51847	68132	Thallium	1	4.9	4.9
51854	68132	Thallium	1	1.4	1.4
51855	68132	Thallium	1	5	5
51857	68132	Thallium	1	5	5
51861	68132	Thallium	1	5	5

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
51863	68132	Thallium	1	5	5
51866	68132	Thallium	1	1.51	1.51
51872	68132	Thallium	1	5	5
51897	68132	Thallium	1	5	5
51918	68132	Thallium	1	1.39	1.39
51921	68132	Thallium	1	1.33	1.33
51938	68132	Thallium	1	1.515	1.515
51946	68132	Thallium	1	5.4	5.4
51949	68132	Thallium	1	5.05	5.05
51959	68132	Thallium	1	1.19	1.19
51960	68132	Thallium	1	5.5	5.5
51972	68132	Thallium	1	5	5
51990	68132	Thallium	1	5.55	5.55
51997	68132	Thallium	1	5	5
52023	68132	Thallium	1	5	5
52035	68132	Thallium	1	5	5
52046	68132	Thallium	1	5.1	5.1
52054	68132	Thallium	1	5	5
52059	68132	Thallium	1	4.7	4.7
52075	68132	Thallium	1	1.39	1.39
52078	68132	Thallium	1	1.38	1.38
52080	68132	Thallium	1	1.47	1.47
52085	68132	Thallium	1	1.395	1.395
52090	68132	Thallium	1	1.38	1.38
52091	68132	Thallium	1	5	5
52097	68132	Thallium	1	1.385	1.385
52101	68132	Thallium	1	1.335	1.335
52106	68132	Thallium	1	5	5
52112	68132	Thallium	1	1.335	1.335
52119	68132	Thallium	1	5	5
52122	68132	Thallium	1	4.65	4.65
52128	68132	Thallium	1	6.15	6.15
52129	68132	Thallium	1	5	5
52137	68132	Thallium	1	1.48	1.48
52140	68132	Thallium	1	1.47	1.47
52141	68132	Thallium	1	5	5
52150	68132	Thallium	1	1.445	1.445
52155	68132	Thallium	2	5.4	5.45
52158	68132	Thallium	1	5	5
52166	68132	Thallium	1	5	5
52167	68132	Thallium	1	1.325	1.325
52177	68132	Thallium	1	5	5
52178	68132	Thallium	1	5	5
52181	68132	Thallium	1	5	5
52186	68132	Thallium	1	5	5
52187	68132	Thallium	1	5	5
52190	68132	Thallium	1	1.415	1.415

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
52192	68132	Thallium	1	5.45	5.45
52198	68132	Thallium	1	4.55	4.55
52202	68132	Thallium	1	1.365	1.365
52206	68132	Thallium	1	5	5
52214	68132	Thallium	1	1.535	1.535
52226	68132	Thallium	1	5	5
52228	68132	Thallium	1	1.45	1.45
52243	68132	Thallium	1	5	5
52244	68132	Thallium	1	5.2	5.2
52246	68132	Thallium	1	1.35	1.35
52327	68132	Thallium	1	5	5
52336	68132	Thallium	1	5	5
52356	68132	Thallium	1	5	5
52357	68132	Thallium	1	6.35	6.35
52367	68132	Thallium	1	1.49	1.49
52378	68132	Thallium	1	1.415	1.415
52386	68132	Thallium	1	5.75	5.75
52387	68132	Thallium	1	1.365	1.365
52411	68132	Thallium	1	1.4	1.4
63007	68132	Thallium	1	5.15	5.15
66781	68132	Thallium	1	5.4	5.4
66791	68132	Thallium	1	4.65	4.65
92431	68132	Thallium	1	5.85	5.85
2133	68104	Vanadium	1	22.3	22.3
5026	68104	Vanadium	1	24.3	24.3
5143	68104	Vanadium	1	25.8	25.8
5144	68104	Vanadium	1	21.2	21.2
5145	68104	Vanadium	1	21.8	21.8
5147	68104	Vanadium	1	16.7	16.7
2229	68105	Vanadium	1	26.2	26.2
2299	68105	Vanadium	1	22.9	22.9
2300	68105	Vanadium	1	21.3	21.3
2308	68105	Vanadium	1	20.9	20.9
3076	68105	Vanadium	1	22.2	22.2
3118	68105	Vanadium	1	23.9	23.9
5054	68105	Vanadium	1	18.7	18.7
5057	68105	Vanadium	1	26.4	26.4
5105	68105	Vanadium	1	24.1	24.1
5109	68105	Vanadium	1	16.6	16.6
5110	68105	Vanadium	1	28.2	28.2
5112	68105	Vanadium	1	24	24
5117	68105	Vanadium	1	27.6	27.6
5123	68105	Vanadium	1	25.9	25.9
5128	68105	Vanadium	1	28.8	28.8
5129	68105	Vanadium	1	24.8	24.8
5132	68105	Vanadium	1	27.4	27.4
5134	68105	Vanadium	1	36.6	36.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5338	68105	Vanadium	1	22.6	22.6
5347	68105	Vanadium	1	26.4	26.4
5351	68105	Vanadium	1	0.385	0.385
5352	68105	Vanadium	1	24.8	24.8
5355	68105	Vanadium	1	29.3	29.3
5356	68105	Vanadium	1	25.9	25.9
5357	68105	Vanadium	1	22.9	22.9
5359	68105	Vanadium	1	20.6	20.6
5361	68105	Vanadium	1	20.2	20.2
5363	68105	Vanadium	1	21.5	21.5
5364	68105	Vanadium	1	26.3	26.3
5365	68105	Vanadium	1	27.1	27.1
5367	68105	Vanadium	1	20	20
5486	68105	Vanadium	1	20.3	20.3
5488	68105	Vanadium	1	23.8	23.8
5489	68105	Vanadium	1	24.4	24.4
5495	68105	Vanadium	1	19.8	19.8
5509	68105	Vanadium	1	22.9	22.9
5610	68105	Vanadium	1	25	25
2030	68107	Vanadium	1	34.1	34.1
2038	68107	Vanadium	1	24.9	24.9
2104	68107	Vanadium	1	13.2	13.2
2124	68107	Vanadium	1	37.4	37.4
2167	68107	Vanadium	1	27.9	27.9
2206	68107	Vanadium	1	26.9	26.9
2252	68107	Vanadium	1	33.2	33.2
2273	68107	Vanadium	1	31	31
2292	68107	Vanadium	1	22.3	22.3
3003	68107	Vanadium	1	28.9	28.9
3021	68107	Vanadium	1	48.1	48.1
3074	68107	Vanadium	1	20.5	20.5
3121	68107	Vanadium	1	23.7	23.7
5066	68107	Vanadium	1	21.7	21.7
5076	68107	Vanadium	1	33.1	33.1
5130	68107	Vanadium	1	29.7	29.7
5157	68107	Vanadium	1	30.6	30.6
5159	68107	Vanadium	1	36.1	36.1
5161	68107	Vanadium	1	28.9	28.9
5163	68107	Vanadium	1	35.4	35.4
5165	68107	Vanadium	1	25.3	25.3
5166	68107	Vanadium	1	33.9	33.9
5172	68107	Vanadium	1	19.3	19.3
5176	68107	Vanadium	1	45.2	45.2
5178	68107	Vanadium	1	24.3	24.3
5180	68107	Vanadium	1	25.1	25.1
5182	68107	Vanadium	1	19.4	19.4
5183	68107	Vanadium	1	24.4	24.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5185	68107	Vanadium	1	31.7	31.7
5211	68107	Vanadium	1	22.8	22.8
5212	68107	Vanadium	1	27.1	27.1
2170	68108	Vanadium	1	27.3	27.3
5225	68108	Vanadium	1	29.6	29.6
5227	68108	Vanadium	1	23.5	23.5
5229	68108	Vanadium	1	24	24
5284	68108	Vanadium	1	24.8	24.8
5300	68108	Vanadium	1	30.7	30.7
5304	68108	Vanadium	1	28.2	28.2
5306	68108	Vanadium	1	17.5	17.5
5332	68108	Vanadium	1	17.1	17.1
5387	68108	Vanadium	1	23.2	23.2
5390	68108	Vanadium	1	21.5	21.5
5394	68108	Vanadium	1	23.9	23.9
5395	68108	Vanadium	1	23.7	23.7
5398	68108	Vanadium	1	26	26
5403	68108	Vanadium	1	21.2	21.2
5407	68108	Vanadium	1	22.6	22.6
5408	68108	Vanadium	1	26.9	26.9
5409	68108	Vanadium	1	10.4	10.4
5416	68108	Vanadium	1	24	24
5418	68108	Vanadium	1	23.3	23.3
5422	68108	Vanadium	1	23	23
5425	68108	Vanadium	1	22.5	22.5
5426	68108	Vanadium	1	21.9	21.9
5427	68108	Vanadium	1	26.7	26.7
5429	68108	Vanadium	1	22.9	22.9
5431	68108	Vanadium	1	24.5	24.5
5432	68108	Vanadium	1	22.3	22.3
5449	68108	Vanadium	1	26.5	26.5
5450	68108	Vanadium	1	23.6	23.6
5454	68108	Vanadium	1	20.7	20.7
5460	68108	Vanadium	1	21.4	21.4
5463	68108	Vanadium	1	23.4	23.4
5467	68108	Vanadium	1	24.7	24.7
5472	68108	Vanadium	1	22.3	22.3
5473	68108	Vanadium	1	22.4	22.4
5474	68108	Vanadium	1	28.6	28.6
5480	68108	Vanadium	1	21.6	21.6
5483	68108	Vanadium	1	24.9	24.9
5485	68108	Vanadium	1	20.3	20.3
5492	68108	Vanadium	1	24.4	24.4
5505	68108	Vanadium	1	23.2	23.2
5572	68108	Vanadium	1	23.4	23.4
5607	68108	Vanadium	1	23.7	23.7
5608	68108	Vanadium	1	26.4	26.4

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5623	68108	Vanadium	1	26	26
5628	68108	Vanadium	1	24.9	24.9
5630	68108	Vanadium	1	22.6	22.6
5636	68108	Vanadium	1	23.7	23.7
5637	68108	Vanadium	1	19.5	19.5
5652	68108	Vanadium	1	19.9	19.9
2069	68110	Vanadium	1	28.5	28.5
2280	68110	Vanadium	1	19.5	19.5
2354	68110	Vanadium	1	22.2	22.2
3136	68110	Vanadium	1	21.2	21.2
5258	68110	Vanadium	1	33.7	33.7
5388	68110	Vanadium	1	25.3	25.3
5520	68110	Vanadium	1	27.7	27.7
5525	68110	Vanadium	1	24	24
5527	68110	Vanadium	1	24.8	24.8
5530	68110	Vanadium	1	27.3	27.3
5532	68110	Vanadium	1	25.8	25.8
5536	68110	Vanadium	1	28.5	28.5
5541	68110	Vanadium	1	28	28
5544	68110	Vanadium	1	25	25
5546	68110	Vanadium	1	24.3	24.3
5551	68110	Vanadium	1	26.3	26.3
5559	68110	Vanadium	1	25.2	25.2
5560	68110	Vanadium	1	24.2	24.2
5561	68110	Vanadium	1	23.5	23.5
5563	68110	Vanadium	1	24.1	24.1
5565	68110	Vanadium	1	23.7	23.7
5566	68110	Vanadium	1	21.4	21.4
5612	68110	Vanadium	1	24.3	24.3
5614	68110	Vanadium	1	24.2	24.2
5641	68110	Vanadium	1	26.1	26.1
5651	68110	Vanadium	1	23.7	23.7
2035	68111	Vanadium	1	35	35
2075	68111	Vanadium	1	26.1	26.1
2103	68111	Vanadium	1	29.7	29.7
2109	68111	Vanadium	1	39.9	39.9
2121	68111	Vanadium	1	27.8	27.8
2126	68111	Vanadium	1	35.2	35.2
2154	68111	Vanadium	1	39.8	39.8
2179	68111	Vanadium	1	19.5	19.5
2216	68111	Vanadium	1	36.2	36.2
2225	68111	Vanadium	1	24.6	24.6
2231	68111	Vanadium	1	12.9	12.9
2262	68111	Vanadium	1	24.6	24.6
2365	68111	Vanadium	1	22.9	22.9
3046	68111	Vanadium	1	19.6	19.6
3051	68111	Vanadium	1	19.3	19.3

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
3058	68111	Vanadium	1	20.8	20.8
3091	68111	Vanadium	1	16.2	16.2
3133	68111	Vanadium	1	21.1	21.1
3151	68111	Vanadium	1	13	13
5013	68111	Vanadium	1	38	38
5085	68111	Vanadium	1	29.5	29.5
5170	68111	Vanadium	1	25.3	25.3
5171	68111	Vanadium	1	31.6	31.6
5204	68111	Vanadium	1	29.8	29.8
5206	68111	Vanadium	1	30.7	30.7
5208	68111	Vanadium	1	24.7	24.7
5215	68111	Vanadium	1	25.7	25.7
5221	68111	Vanadium	1	27.2	27.2
5230	68111	Vanadium	1	28.5	28.5
5232	68111	Vanadium	1	36.4	36.4
5234	68111	Vanadium	1	27.8	27.8
5236	68111	Vanadium	1	26.9	26.9
5238	68111	Vanadium	1	27.3	27.3
5240	68111	Vanadium	1	24.8	24.8
5242	68111	Vanadium	1	26.3	26.3
5246	68111	Vanadium	1	33.1	33.1
5288	68111	Vanadium	1	30.2	30.2
5296	68111	Vanadium	1	22.3	22.3
5330	68111	Vanadium	1	21.8	21.8
5333	68111	Vanadium	1	18.2	18.2
5513	68111	Vanadium	1	33.1	33.1
5514	68111	Vanadium	1	23.6	23.6
5618	68111	Vanadium	1	24.9	24.9
2269	68112	Vanadium	1	32.2	32.2
2097	68131	Vanadium	1	22.2	22.2
2156	68131	Vanadium	1	25.4	25.4
5037	68131	Vanadium	1	29.2	29.2
5150	68131	Vanadium	1	29.3	29.3
5153	68131	Vanadium	1	23.6	23.6
5186	68131	Vanadium	1	29.6	29.6
5188	68131	Vanadium	1	28.2	28.2
5195	68131	Vanadium	1	23.6	23.6
5197	68131	Vanadium	1	27.9	27.9
5260	68131	Vanadium	1	24.8	24.8
5272	68131	Vanadium	1	26.4	26.4
5278	68131	Vanadium	1	25.3	25.3
5298	68131	Vanadium	1	40.8	40.8
5377	68131	Vanadium	1	21	21
5379	68131	Vanadium	1	22.4	22.4
5380	68131	Vanadium	1	25.3	25.3
5139	68132	Vanadium	1	30.2	30.2
5140	68132	Vanadium	1	20.6	20.6

Table G-2. Exposure Point Concentrations for Non-Lead COPCs
(Except for Zinc)

Sample Area ID	Zip Code	Analyte	Count of Samples	Soil Concentration (mg/kg)	
				Average	Maximum
5313	68132	Vanadium	1	30.8	30.8
5317	68132	Vanadium	1	18	18

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1606	68102	ZINC	2	225.1	284.8
22418	68102	ZINC	1	178.0	178.0
22422	68102	ZINC	1	223.5	223.5
22428	68102	ZINC	1	192.7	192.7
22433	68102	ZINC	3	304.4	427.6
22481	68102	ZINC	2	353.6	407.3
22485	68102	ZINC	4	399.5	662.0
22486	68102	ZINC	2	70.5	93.6
22489	68102	ZINC	1	215.1	215.1
22493	68102	ZINC	5	608.8	963.6
22513	68102	ZINC	2	269.5	284.4
22520	68102	ZINC	4	219.0	376.8
22565	68102	ZINC	1	236.2	236.2
22572	68102	ZINC	4	314.9	466.7
22573	68102	ZINC	4	166.7	197.2
22583	68102	ZINC	2	124.1	160.5
22589	68102	ZINC	2	616.6	1028.3
22611	68102	ZINC	2	1834.3	3264.6
22614	68102	ZINC	2	420.0	479.0
22649	68102	ZINC	4	182.1	220.0
22714	68102	ZINC	4	200.6	341.1
22719	68102	ZINC	3	100.9	140.5
22743	68102	ZINC	4	286.5	508.2
22770	68102	ZINC	2	391.3	592.8
22782	68102	ZINC	4	325.2	495.7
22786	68102	ZINC	4	125.5	154.8
22840	68102	ZINC	4	243.4	286.4
22842	68102	ZINC	2	341.8	375.6
22886	68102	ZINC	4	507.8	1392.9
23026	68102	ZINC	2	141.2	176.8
23034	68102	ZINC	2	92.8	94.8
23694	68102	ZINC	4	188.5	338.8
23695	68102	ZINC	2	120.2	127.6
24637	68102	ZINC	4	675.5	1099.5
25172	68102	ZINC	4	369.2	563.7
25233	68102	ZINC	4	266.1	407.8
25264	68102	ZINC	4	453.8	550.2
25270	68102	ZINC	4	153.5	172.7
25283	68102	ZINC	4	537.2	775.0
25428	68102	ZINC	2	401.3	438.1
25439	68102	ZINC	4	405.0	1006.2
25451	68102	ZINC	4	234.4	315.4
25535	68102	ZINC	4	313.9	425.8
25553	68102	ZINC	4	104.9	119.3
25561	68102	ZINC	4	157.5	181.1
25567	68102	ZINC	4	182.3	218.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25597	68102	ZINC	4	273.0	351.3
25626	68102	ZINC	4	310.9	385.5
25632	68102	ZINC	4	189.6	222.9
25654	68102	ZINC	4	107.4	121.8
25656	68102	ZINC	4	417.0	711.2
25666	68102	ZINC	4	97.0	102.1
25676	68102	ZINC	4	149.3	183.9
25700	68102	ZINC	4	176.4	348.9
25717	68102	ZINC	4	94.5	107.7
25720	68102	ZINC	4	261.3	308.1
25725	68102	ZINC	4	112.6	123.4
25792	68102	ZINC	4	103.0	108.0
25795	68102	ZINC	4	95.8	112.7
25852	68102	ZINC	4	146.6	216.8
25857	68102	ZINC	4	126.0	133.5
25889	68102	ZINC	4	451.9	1114.6
25891	68102	ZINC	4	144.2	203.0
25905	68102	ZINC	4	81.4	135.5
25914	68102	ZINC	4	102.9	115.8
55757	68102	ZINC	2	103.5	123.6
90101	68102	ZINC	4	102.4	115.6
90103	68102	ZINC	4	111.1	129.8
90104	68102	ZINC	4	107.6	126.2
202	68104	ZINC	6	104.9	145.6
319	68104	ZINC	4	195.5	260.6
518	68104	ZINC	3	97.6	156.6
782	68104	ZINC	3	229.1	357.6
2133	68104	ZINC	2	161.4	180.0
2275	68104	ZINC	5	331.3	490.1
5019	68104	ZINC	3	73.4	91.0
5020	68104	ZINC	4	193.1	391.1
5021	68104	ZINC	3	145.2	186.2
5026	68104	ZINC	4	186.9	372.0
5141	68104	ZINC	4	218.8	530.3
5142	68104	ZINC	4	210.8	338.4
5143	68104	ZINC	4	134.8	176.3
5144	68104	ZINC	5	107.7	142.0
5145	68104	ZINC	4	126.9	176.7
5147	68104	ZINC	4	133.8	185.4
5149	68104	ZINC	4	176.9	301.2
50476	68104	ZINC	3	222.9	341.4
50480	68104	ZINC	5	138.7	187.2
50551	68104	ZINC	4	182.8	210.5
50584	68104	ZINC	3	305.7	372.4
50647	68104	ZINC	3	186.6	199.1
52417	68104	ZINC	4	187.7	228.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
57976	68104	ZINC	4	257.7	462.7
63438	68104	ZINC	3	308.4	393.2
63851	68104	ZINC	5	128.4	135.5
65573	68104	ZINC	5	141.3	200.2
2	68105	ZINC	5	140.5	209.2
4	68105	ZINC	4	145.6	266.7
8	68105	ZINC	4	137.9	230.0
10	68105	ZINC	3	83.2	111.7
12	68105	ZINC	4	129.9	157.7
16	68105	ZINC	2	115.5	138.5
18	68105	ZINC	4	189.4	377.9
20	68105	ZINC	4	97.4	166.5
22	68105	ZINC	4	80.7	156.1
25	68105	ZINC	4	115.6	211.7
26	68105	ZINC	4	115.1	148.0
27	68105	ZINC	4	104.9	151.8
28	68105	ZINC	4	112.6	150.0
32	68105	ZINC	3	220.0	244.1
67	68105	ZINC	3	218.4	238.6
69	68105	ZINC	1	234.5	234.5
70	68105	ZINC	4	208.2	242.3
90	68105	ZINC	4	292.1	375.3
123	68105	ZINC	4	323.1	745.3
127	68105	ZINC	4	443.2	1055.4
137	68105	ZINC	2	301.3	330.2
218	68105	ZINC	3	121.5	162.4
237	68105	ZINC	5	439.6	1170.7
266	68105	ZINC	4	248.5	332.7
440	68105	ZINC	4	170.0	215.8
441	68105	ZINC	5	303.1	576.9
733	68105	ZINC	3	246.1	396.1
762	68105	ZINC	3	172.6	256.5
773	68105	ZINC	3	205.4	443.4
777	68105	ZINC	4	326.7	488.3
827	68105	ZINC	4	82.2	126.6
835	68105	ZINC	4	117.5	175.6
838	68105	ZINC	4	203.5	450.9
875	68105	ZINC	5	170.7	254.5
888	68105	ZINC	2	490.7	644.9
891	68105	ZINC	3	265.4	340.9
898	68105	ZINC	4	214.9	348.9
899	68105	ZINC	3	94.1	110.6
920	68105	ZINC	3	180.7	239.6
963	68105	ZINC	5	92.2	141.5
964	68105	ZINC	4	109.1	140.7
999	68105	ZINC	5	230.6	359.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1000	68105	ZINC	4	262.2	373.1
1020	68105	ZINC	5	158.2	231.4
1026	68105	ZINC	4	284.0	301.7
1028	68105	ZINC	3	143.2	174.1
1035	68105	ZINC	4	149.4	152.7
1043	68105	ZINC	3	199.6	237.3
1049	68105	ZINC	3	129.6	147.3
1052	68105	ZINC	3	169.8	263.3
1054	68105	ZINC	4	165.9	229.5
1056	68105	ZINC	4	106.0	128.1
1076	68105	ZINC	4	110.9	173.2
1079	68105	ZINC	4	190.1	300.9
1102	68105	ZINC	4	236.4	308.7
1109	68105	ZINC	4	207.0	323.6
1174	68105	ZINC	5	129.0	211.9
1197	68105	ZINC	2	257.1	290.9
1237	68105	ZINC	3	185.1	234.5
1245	68105	ZINC	4	100.4	159.5
1248	68105	ZINC	2	109.7	157.7
1249	68105	ZINC	3	250.0	327.9
1252	68105	ZINC	3	171.7	214.9
1253	68105	ZINC	2	190.7	254.6
1257	68105	ZINC	3	120.0	131.8
1258	68105	ZINC	4	131.0	247.6
1259	68105	ZINC	4	148.9	238.0
1260	68105	ZINC	2	86.7	114.9
1267	68105	ZINC	4	190.0	241.6
1269	68105	ZINC	4	187.8	263.3
1271	68105	ZINC	5	170.6	243.9
1273	68105	ZINC	4	401.4	739.3
1280	68105	ZINC	4	235.1	427.8
1282	68105	ZINC	4	120.6	201.5
1286	68105	ZINC	3	186.2	332.0
1287	68105	ZINC	2	80.4	102.1
1293	68105	ZINC	4	100.3	182.5
1294	68105	ZINC	3	147.7	162.1
1297	68105	ZINC	4	131.6	172.6
1299	68105	ZINC	3	144.1	184.8
1300	68105	ZINC	4	142.0	181.7
1301	68105	ZINC	3	74.9	109.1
1303	68105	ZINC	4	143.3	229.8
1311	68105	ZINC	3	193.0	231.8
1312	68105	ZINC	4	210.6	265.4
1367	68105	ZINC	3	70.1	90.8
1393	68105	ZINC	5	132.1	173.8
1399	68105	ZINC	1	116.0	116.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1403	68105	ZINC	3	179.0	223.1
1410	68105	ZINC	4	220.0	300.7
1411	68105	ZINC	3	208.2	240.3
1416	68105	ZINC	4	77.8	129.3
1419	68105	ZINC	4	331.9	552.4
1420	68105	ZINC	3	357.5	441.3
1452	68105	ZINC	3	204.2	299.6
1459	68105	ZINC	3	114.6	156.2
1503	68105	ZINC	5	123.0	163.3
1515	68105	ZINC	3	119.3	151.2
1520	68105	ZINC	4	210.9	320.6
1524	68105	ZINC	4	246.3	415.3
1528	68105	ZINC	2	327.3	412.1
1533	68105	ZINC	4	124.7	205.2
1572	68105	ZINC	3	287.1	364.9
1592	68105	ZINC	4	275.5	342.7
1593	68105	ZINC	3	97.9	155.9
1596	68105	ZINC	4	99.5	157.2
1598	68105	ZINC	4	219.5	450.9
1600	68105	ZINC	4	263.0	323.3
1604	68105	ZINC	4	78.1	130.8
1617	68105	ZINC	3	162.3	200.7
1623	68105	ZINC	4	183.3	340.7
1626	68105	ZINC	4	171.2	261.0
1627	68105	ZINC	3	84.2	133.4
1630	68105	ZINC	4	124.7	162.6
1638	68105	ZINC	4	128.6	172.9
2106	68105	ZINC	5	172.7	251.9
2115	68105	ZINC	4	150.0	260.6
2171	68105	ZINC	2	89.5	96.9
2229	68105	ZINC	2	129.7	151.0
2237	68105	ZINC	4	246.3	320.3
2272	68105	ZINC	1	156.0	156.0
2299	68105	ZINC	4	219.5	296.2
2300	68105	ZINC	3	266.5	357.3
2308	68105	ZINC	4	172.8	268.0
2395	68105	ZINC	2	236.5	270.8
2397	68105	ZINC	4	79.0	107.8
2403	68105	ZINC	4	121.9	156.9
2438	68105	ZINC	5	181.8	244.3
2439	68105	ZINC	4	216.2	282.3
2441	68105	ZINC	4	126.1	159.8
2445	68105	ZINC	4	238.8	324.7
2448	68105	ZINC	4	281.4	425.5
2449	68105	ZINC	2	174.7	187.1
2451	68105	ZINC	4	351.6	412.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
2452	68105	ZINC	4	253.5	307.4
2453	68105	ZINC	2	76.0	92.3
2458	68105	ZINC	4	328.7	526.2
2459	68105	ZINC	4	314.7	476.9
2460	68105	ZINC	4	331.6	432.5
2462	68105	ZINC	4	352.5	436.8
2465	68105	ZINC	4	147.8	177.0
2466	68105	ZINC	3	243.5	253.0
2468	68105	ZINC	5	281.7	365.7
2470	68105	ZINC	4	263.5	417.3
2475	68105	ZINC	4	194.8	254.4
2501	68105	ZINC	4	245.3	333.3
3007	68105	ZINC	3	201.1	257.6
3027	68105	ZINC	4	175.1	233.9
3041	68105	ZINC	4	95.1	103.1
3076	68105	ZINC	4	162.1	204.7
3087	68105	ZINC	4	221.0	284.7
3118	68105	ZINC	3	96.5	114.1
3203	68105	ZINC	5	186.3	340.4
3207	68105	ZINC	4	104.6	132.1
3208	68105	ZINC	2	145.8	147.6
3209	68105	ZINC	4	217.4	255.9
5002	68105	ZINC	4	165.8	227.2
5033	68105	ZINC	4	162.0	174.9
5049	68105	ZINC	4	129.3	176.1
5050	68105	ZINC	4	282.4	575.5
5051	68105	ZINC	5	241.0	369.0
5052	68105	ZINC	3	139.0	155.3
5053	68105	ZINC	4	213.9	262.1
5054	68105	ZINC	5	151.0	193.3
5055	68105	ZINC	4	190.0	216.0
5056	68105	ZINC	4	201.4	289.8
5057	68105	ZINC	4	146.3	196.1
5058	68105	ZINC	5	148.2	206.5
5059	68105	ZINC	4	214.0	257.2
5061	68105	ZINC	4	184.0	213.1
5099	68105	ZINC	5	97.6	144.1
5102	68105	ZINC	4	208.5	236.4
5103	68105	ZINC	4	164.4	245.5
5104	68105	ZINC	4	188.3	312.3
5105	68105	ZINC	4	246.6	309.8
5106	68105	ZINC	4	544.2	1429.2
5108	68105	ZINC	4	275.0	414.6
5109	68105	ZINC	4	298.5	538.5
5110	68105	ZINC	4	222.0	318.0
5111	68105	ZINC	4	160.1	234.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5112	68105	ZINC	4	164.6	240.0
5113	68105	ZINC	3	111.9	124.3
5114	68105	ZINC	4	164.0	278.6
5116	68105	ZINC	4	141.0	214.5
5117	68105	ZINC	4	235.2	427.1
5123	68105	ZINC	4	284.6	512.5
5124	68105	ZINC	5	318.1	523.2
5126	68105	ZINC	4	180.5	260.3
5127	68105	ZINC	4	141.8	166.9
5128	68105	ZINC	5	122.8	209.4
5129	68105	ZINC	4	420.5	961.0
5132	68105	ZINC	5	121.1	171.0
5133	68105	ZINC	4	292.3	826.8
5134	68105	ZINC	4	82.6	105.0
5135	68105	ZINC	4	89.3	113.0
5136	68105	ZINC	4	142.0	183.5
5190	68105	ZINC	4	215.2	257.2
5281	68105	ZINC	4	389.1	536.7
5325	68105	ZINC	6	243.9	330.0
5326	68105	ZINC	4	106.4	141.4
5331	68105	ZINC	5	166.3	222.4
5336	68105	ZINC	4	136.8	166.6
5337	68105	ZINC	5	131.2	217.6
5338	68105	ZINC	4	214.3	307.0
5339	68105	ZINC	4	187.9	239.8
5340	68105	ZINC	4	161.2	225.6
5341	68105	ZINC	5	259.3	356.2
5342	68105	ZINC	4	213.8	292.5
5343	68105	ZINC	2	147.2	160.8
5344	68105	ZINC	3	250.0	422.1
5345	68105	ZINC	4	180.0	215.1
5346	68105	ZINC	4	324.8	407.1
5347	68105	ZINC	5	139.5	255.0
5349	68105	ZINC	4	220.7	303.0
5350	68105	ZINC	4	140.1	172.0
5351	68105	ZINC	4	163.6	254.0
5352	68105	ZINC	4	217.8	418.0
5353	68105	ZINC	4	169.4	173.5
5354	68105	ZINC	4	165.8	259.6
5355	68105	ZINC	4	380.5	508.9
5356	68105	ZINC	3	182.7	235.0
5357	68105	ZINC	4	191.5	338.0
5358	68105	ZINC	4	199.1	213.1
5359	68105	ZINC	5	164.8	234.8
5360	68105	ZINC	4	157.6	218.1
5361	68105	ZINC	5	140.6	179.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5362	68105	ZINC	2	166.4	218.6
5363	68105	ZINC	5	182.5	259.0
5364	68105	ZINC	4	212.4	294.8
5365	68105	ZINC	4	133.1	156.0
5366	68105	ZINC	6	228.4	491.9
5367	68105	ZINC	4	192.1	301.0
5368	68105	ZINC	4	133.8	162.6
5369	68105	ZINC	4	99.4	117.7
5370	68105	ZINC	5	204.6	394.3
5371	68105	ZINC	4	167.8	204.0
5372	68105	ZINC	5	208.9	257.6
5382	68105	ZINC	2	123.3	125.5
5383	68105	ZINC	2	135.7	172.9
5478	68105	ZINC	4	134.0	152.3
5486	68105	ZINC	4	119.4	136.0
5487	68105	ZINC	5	138.9	192.5
5488	68105	ZINC	3	138.3	179.0
5489	68105	ZINC	4	203.7	255.0
5490	68105	ZINC	3	140.7	166.1
5493	68105	ZINC	1	277.2	277.2
5494	68105	ZINC	2	274.5	325.6
5495	68105	ZINC	4	351.2	400.0
5508	68105	ZINC	4	144.7	179.1
5509	68105	ZINC	4	126.9	147.7
5575	68105	ZINC	4	287.7	345.7
5596	68105	ZINC	5	275.2	444.3
5597	68105	ZINC	4	248.4	403.1
5598	68105	ZINC	3	109.7	136.6
5602	68105	ZINC	4	116.5	123.6
5604	68105	ZINC	4	170.0	219.5
5610	68105	ZINC	4	347.3	684.4
12689	68105	ZINC	4	126.2	144.1
12720	68105	ZINC	4	121.3	143.1
12756	68105	ZINC	6	129.1	161.1
12779	68105	ZINC	4	119.8	128.0
12784	68105	ZINC	3	130.1	173.7
12797	68105	ZINC	4	176.1	267.2
12799	68105	ZINC	5	217.4	439.7
12802	68105	ZINC	5	387.2	1258.7
12805	68105	ZINC	4	187.9	229.9
12860	68105	ZINC	5	139.9	152.5
12862	68105	ZINC	5	200.6	491.4
12863	68105	ZINC	4	162.4	227.6
12864	68105	ZINC	5	114.6	146.4
12866	68105	ZINC	5	119.6	182.1
12867	68105	ZINC	4	134.5	171.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12868	68105	ZINC	5	142.9	176.5
12869	68105	ZINC	4	133.1	145.8
12872	68105	ZINC	5	151.7	181.1
12873	68105	ZINC	5	178.9	226.5
12875	68105	ZINC	5	169.3	217.0
12886	68105	ZINC	4	150.2	187.0
12955	68105	ZINC	4	103.7	169.8
12958	68105	ZINC	5	108.4	149.5
12961	68105	ZINC	5	119.3	195.1
12962	68105	ZINC	5	162.9	381.1
12964	68105	ZINC	5	121.7	135.6
12968	68105	ZINC	4	100.5	127.3
12969	68105	ZINC	4	115.3	200.8
12971	68105	ZINC	5	163.3	268.2
12973	68105	ZINC	4	125.0	195.6
12974	68105	ZINC	3	107.0	111.1
12995	68105	ZINC	5	176.1	239.0
13009	68105	ZINC	5	200.4	238.5
13015	68105	ZINC	4	173.5	223.9
13023	68105	ZINC	3	156.4	186.6
13025	68105	ZINC	4	360.0	711.8
13032	68105	ZINC	4	167.8	200.1
13050	68105	ZINC	5	135.2	225.4
13053	68105	ZINC	4	225.2	285.9
13057	68105	ZINC	4	189.1	213.4
13062	68105	ZINC	4	101.1	133.4
13063	68105	ZINC	4	210.3	251.8
13064	68105	ZINC	4	178.8	195.8
13065	68105	ZINC	4	95.5	123.5
13066	68105	ZINC	4	343.7	673.5
13068	68105	ZINC	4	361.4	627.0
13069	68105	ZINC	4	152.2	279.0
13070	68105	ZINC	4	182.5	222.4
13072	68105	ZINC	5	103.1	154.8
13073	68105	ZINC	4	137.5	173.2
13074	68105	ZINC	4	130.7	153.2
13076	68105	ZINC	4	482.4	888.1
13077	68105	ZINC	2	164.7	206.2
13078	68105	ZINC	5	236.8	320.2
13080	68105	ZINC	4	112.4	160.4
13081	68105	ZINC	4	259.8	369.3
13083	68105	ZINC	4	137.8	169.7
13084	68105	ZINC	4	171.0	224.5
13085	68105	ZINC	3	164.4	179.5
13086	68105	ZINC	4	130.4	145.2
13087	68105	ZINC	4	122.0	137.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13088	68105	ZINC	4	105.6	151.4
13089	68105	ZINC	4	102.4	145.3
13091	68105	ZINC	4	174.8	227.5
13092	68105	ZINC	3	108.9	112.3
13093	68105	ZINC	4	245.3	668.8
13098	68105	ZINC	4	127.3	186.3
13100	68105	ZINC	5	125.1	167.2
13104	68105	ZINC	5	273.1	610.3
13106	68105	ZINC	4	195.1	282.5
13107	68105	ZINC	4	152.3	168.1
13111	68105	ZINC	4	195.3	234.2
13114	68105	ZINC	4	196.3	247.0
13122	68105	ZINC	5	245.3	311.4
13124	68105	ZINC	4	173.0	231.1
13129	68105	ZINC	4	312.2	386.9
13147	68105	ZINC	4	216.9	290.9
13151	68105	ZINC	4	171.5	204.7
13158	68105	ZINC	4	199.1	242.8
13163	68105	ZINC	5	150.3	185.7
13165	68105	ZINC	5	274.2	336.7
13166	68105	ZINC	4	205.7	218.8
13167	68105	ZINC	4	132.5	157.5
13168	68105	ZINC	3	208.4	243.7
13170	68105	ZINC	4	268.2	327.9
13172	68105	ZINC	4	139.1	222.9
13173	68105	ZINC	4	180.1	294.7
13175	68105	ZINC	4	209.5	235.2
13178	68105	ZINC	4	225.8	368.0
13179	68105	ZINC	5	223.3	298.9
13181	68105	ZINC	5	117.8	224.0
13182	68105	ZINC	4	147.7	213.9
13185	68105	ZINC	4	430.5	571.4
13187	68105	ZINC	4	253.5	324.7
13191	68105	ZINC	5	272.4	434.3
13194	68105	ZINC	4	212.0	284.1
13197	68105	ZINC	4	197.5	354.5
13200	68105	ZINC	5	338.8	627.1
13201	68105	ZINC	5	208.5	255.3
13202	68105	ZINC	4	412.6	596.4
13204	68105	ZINC	4	166.8	181.0
13209	68105	ZINC	4	129.6	135.4
13211	68105	ZINC	4	151.0	193.0
13212	68105	ZINC	4	107.6	119.8
13215	68105	ZINC	5	187.3	251.1
13216	68105	ZINC	4	171.3	240.1
13219	68105	ZINC	5	130.4	215.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13223	68105	ZINC	4	79.0	121.8
13234	68105	ZINC	4	161.3	245.8
13236	68105	ZINC	4	404.7	962.3
13237	68105	ZINC	4	160.7	207.6
13238	68105	ZINC	4	269.3	722.5
13240	68105	ZINC	5	154.6	190.5
13243	68105	ZINC	4	88.1	101.0
13244	68105	ZINC	4	154.5	177.5
13245	68105	ZINC	4	222.9	446.6
13248	68105	ZINC	4	251.8	514.0
13249	68105	ZINC	4	157.2	194.8
13250	68105	ZINC	4	125.4	147.5
13252	68105	ZINC	4	119.6	134.9
13255	68105	ZINC	5	130.5	144.1
13257	68105	ZINC	5	126.7	206.5
13259	68105	ZINC	4	149.1	227.6
13262	68105	ZINC	4	126.1	181.3
13263	68105	ZINC	3	119.6	133.3
13265	68105	ZINC	4	163.0	186.1
13266	68105	ZINC	4	197.7	274.7
13268	68105	ZINC	4	140.4	166.8
13270	68105	ZINC	4	140.7	156.6
13272	68105	ZINC	4	220.2	284.7
13273	68105	ZINC	5	210.5	289.6
13274	68105	ZINC	5	254.3	464.4
13280	68105	ZINC	4	226.4	289.9
13281	68105	ZINC	4	187.7	229.9
13282	68105	ZINC	4	175.0	271.9
13283	68105	ZINC	4	227.5	326.3
13285	68105	ZINC	4	176.5	246.7
13287	68105	ZINC	4	184.5	311.1
13288	68105	ZINC	4	226.4	435.6
13290	68105	ZINC	4	145.4	208.4
13294	68105	ZINC	4	106.6	148.7
13298	68105	ZINC	5	145.2	204.3
13299	68105	ZINC	4	114.7	137.3
13302	68105	ZINC	4	148.6	165.9
13303	68105	ZINC	5	137.4	170.8
13313	68105	ZINC	4	145.3	235.4
13315	68105	ZINC	4	115.4	121.9
13317	68105	ZINC	4	170.0	197.1
13319	68105	ZINC	6	145.3	182.0
13321	68105	ZINC	4	149.4	187.5
13322	68105	ZINC	4	123.5	183.6
13324	68105	ZINC	4	119.1	126.2
13327	68105	ZINC	4	136.9	171.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13331	68105	ZINC	4	141.2	151.7
13334	68105	ZINC	4	143.9	154.1
13336	68105	ZINC	5	435.3	1607.1
13343	68105	ZINC	4	131.8	144.9
13344	68105	ZINC	4	133.5	193.5
13345	68105	ZINC	4	145.6	170.7
13348	68105	ZINC	4	247.2	417.4
13350	68105	ZINC	4	151.7	156.4
13352	68105	ZINC	4	124.5	132.5
13354	68105	ZINC	4	184.5	230.7
13356	68105	ZINC	4	142.3	165.8
13358	68105	ZINC	4	164.7	206.0
13359	68105	ZINC	3	254.9	349.0
13361	68105	ZINC	5	257.6	427.1
13363	68105	ZINC	3	292.6	395.2
13364	68105	ZINC	5	303.1	537.8
13365	68105	ZINC	5	136.9	163.4
13366	68105	ZINC	4	202.7	225.1
13367	68105	ZINC	4	140.8	172.2
13369	68105	ZINC	4	221.0	265.9
13370	68105	ZINC	5	132.0	169.2
13372	68105	ZINC	4	194.6	236.1
13373	68105	ZINC	4	94.5	118.6
13375	68105	ZINC	3	207.6	213.3
13376	68105	ZINC	4	76.8	114.3
13377	68105	ZINC	4	113.3	242.6
13379	68105	ZINC	4	155.3	178.0
13381	68105	ZINC	4	155.5	218.8
13382	68105	ZINC	5	212.0	427.4
13383	68105	ZINC	4	260.9	581.9
13384	68105	ZINC	4	147.6	219.4
13386	68105	ZINC	3	183.7	231.1
13387	68105	ZINC	4	262.8	518.5
13388	68105	ZINC	4	148.2	195.6
13389	68105	ZINC	4	182.7	302.7
13391	68105	ZINC	4	246.0	284.3
13392	68105	ZINC	4	62.7	94.5
13394	68105	ZINC	4	150.5	187.7
13395	68105	ZINC	4	156.5	186.5
13397	68105	ZINC	4	202.3	225.3
13398	68105	ZINC	5	132.8	179.7
13401	68105	ZINC	4	161.5	202.4
13402	68105	ZINC	4	231.4	380.3
13403	68105	ZINC	4	186.6	290.0
13404	68105	ZINC	4	109.4	122.1
13409	68105	ZINC	4	121.1	166.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13410	68105	ZINC	4	90.0	109.5
13417	68105	ZINC	3	160.7	180.3
13421	68105	ZINC	4	238.6	294.0
13425	68105	ZINC	4	83.4	110.2
13426	68105	ZINC	4	86.9	113.4
13430	68105	ZINC	4	110.1	118.7
13432	68105	ZINC	5	130.3	187.5
13437	68105	ZINC	4	110.7	122.7
13438	68105	ZINC	4	114.6	129.8
13439	68105	ZINC	4	143.2	215.3
13441	68105	ZINC	4	126.2	143.9
13442	68105	ZINC	4	168.4	190.0
13443	68105	ZINC	4	79.1	109.0
13444	68105	ZINC	4	243.9	456.1
13446	68105	ZINC	3	109.3	117.3
13455	68105	ZINC	4	235.5	310.6
13456	68105	ZINC	4	265.9	347.5
13458	68105	ZINC	4	179.9	221.8
13459	68105	ZINC	2	177.9	230.8
13460	68105	ZINC	4	199.6	264.3
13461	68105	ZINC	4	144.3	172.7
13462	68105	ZINC	4	151.2	235.7
13463	68105	ZINC	4	117.1	122.9
13464	68105	ZINC	4	195.6	238.1
13465	68105	ZINC	4	175.6	205.5
13467	68105	ZINC	5	234.1	592.0
13470	68105	ZINC	5	260.8	373.3
13471	68105	ZINC	4	185.3	375.4
13472	68105	ZINC	5	105.7	127.8
13475	68105	ZINC	4	194.3	288.4
13476	68105	ZINC	6	151.0	182.6
13479	68105	ZINC	4	156.1	225.9
13480	68105	ZINC	4	135.6	141.4
13482	68105	ZINC	4	208.1	325.9
13483	68105	ZINC	5	139.4	167.8
13484	68105	ZINC	4	170.9	238.5
13487	68105	ZINC	4	131.1	152.1
13489	68105	ZINC	4	181.7	269.9
13491	68105	ZINC	4	238.6	371.0
13492	68105	ZINC	4	111.8	303.8
13493	68105	ZINC	5	111.4	125.5
13494	68105	ZINC	4	201.2	217.9
13495	68105	ZINC	4	118.9	142.3
13497	68105	ZINC	4	143.7	216.9
13500	68105	ZINC	4	130.4	149.7
13504	68105	ZINC	4	335.5	440.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13505	68105	ZINC	4	172.5	224.1
13506	68105	ZINC	4	113.9	143.5
13507	68105	ZINC	5	138.0	156.6
13508	68105	ZINC	4	131.1	161.0
13509	68105	ZINC	4	165.6	374.3
13511	68105	ZINC	5	210.2	270.4
13512	68105	ZINC	5	150.5	184.9
13513	68105	ZINC	4	260.2	694.2
13514	68105	ZINC	4	184.4	229.1
13515	68105	ZINC	4	136.4	156.7
13522	68105	ZINC	5	163.6	268.6
13523	68105	ZINC	4	121.4	161.2
13525	68105	ZINC	5	186.1	216.5
13526	68105	ZINC	4	194.7	267.6
13531	68105	ZINC	4	156.2	211.3
13533	68105	ZINC	4	134.0	195.2
13534	68105	ZINC	3	138.2	156.5
13537	68105	ZINC	5	141.5	163.0
13540	68105	ZINC	4	197.3	259.3
13541	68105	ZINC	3	136.5	174.3
13542	68105	ZINC	4	108.4	132.8
13544	68105	ZINC	4	133.9	166.7
13547	68105	ZINC	4	93.9	104.8
13549	68105	ZINC	5	131.5	242.0
13551	68105	ZINC	4	128.0	191.5
13552	68105	ZINC	4	96.4	113.7
13555	68105	ZINC	4	200.2	339.2
13563	68105	ZINC	4	145.0	177.5
13564	68105	ZINC	4	150.4	162.7
13566	68105	ZINC	4	146.2	223.1
13567	68105	ZINC	4	189.0	218.6
13568	68105	ZINC	3	163.9	212.8
13571	68105	ZINC	4	154.2	172.8
13572	68105	ZINC	6	136.1	221.3
13573	68105	ZINC	4	145.7	198.3
13576	68105	ZINC	4	222.2	380.3
13577	68105	ZINC	4	189.4	260.1
13578	68105	ZINC	4	63.5	84.9
13579	68105	ZINC	4	136.8	148.9
13581	68105	ZINC	5	191.2	241.7
13583	68105	ZINC	4	118.9	215.5
13585	68105	ZINC	5	117.3	141.6
13586	68105	ZINC	4	155.4	214.9
13587	68105	ZINC	3	171.8	260.8
13588	68105	ZINC	4	148.3	228.8
13590	68105	ZINC	5	160.0	188.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13594	68105	ZINC	4	114.4	304.4
13597	68105	ZINC	4	120.5	133.4
13598	68105	ZINC	4	103.0	215.5
13601	68105	ZINC	3	127.6	177.2
13603	68105	ZINC	4	182.0	289.0
13604	68105	ZINC	4	78.8	123.0
13605	68105	ZINC	4	161.0	222.9
13606	68105	ZINC	4	227.7	353.4
13607	68105	ZINC	4	123.8	153.7
13609	68105	ZINC	4	99.7	113.2
13611	68105	ZINC	3	206.7	267.0
13612	68105	ZINC	4	156.8	184.6
13613	68105	ZINC	4	171.2	302.5
13614	68105	ZINC	4	91.5	137.2
13616	68105	ZINC	4	102.9	150.8
13617	68105	ZINC	4	136.7	165.9
13624	68105	ZINC	4	213.6	297.1
13625	68105	ZINC	4	112.3	130.3
13626	68105	ZINC	4	211.8	311.8
13627	68105	ZINC	4	128.8	153.6
13628	68105	ZINC	4	117.7	131.8
13629	68105	ZINC	4	198.6	223.6
13630	68105	ZINC	3	230.9	397.2
13632	68105	ZINC	4	258.9	353.1
13634	68105	ZINC	4	104.4	128.5
13636	68105	ZINC	4	288.6	695.3
13637	68105	ZINC	4	219.2	278.1
13638	68105	ZINC	4	131.3	166.3
13639	68105	ZINC	4	750.1	2266.0
13643	68105	ZINC	4	286.4	403.8
13646	68105	ZINC	4	192.8	249.2
13648	68105	ZINC	4	223.3	313.8
13654	68105	ZINC	2	136.9	156.0
13656	68105	ZINC	4	122.5	161.1
13659	68105	ZINC	5	75.4	118.7
13660	68105	ZINC	2	114.6	119.5
13663	68105	ZINC	5	59.3	114.2
13665	68105	ZINC	4	144.1	160.0
13670	68105	ZINC	4	88.2	127.4
13671	68105	ZINC	4	191.8	322.0
13673	68105	ZINC	4	172.5	309.1
13678	68105	ZINC	4	70.3	93.6
13683	68105	ZINC	4	135.0	158.6
13684	68105	ZINC	5	57.9	78.7
13686	68105	ZINC	4	160.5	284.3
13687	68105	ZINC	4	78.6	150.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13688	68105	ZINC	5	136.3	151.8
13689	68105	ZINC	4	136.9	203.3
13690	68105	ZINC	4	156.5	227.2
13697	68105	ZINC	6	182.2	235.2
13701	68105	ZINC	4	196.2	227.0
13703	68105	ZINC	4	130.7	217.6
13706	68105	ZINC	4	128.6	132.9
13707	68105	ZINC	4	88.7	117.2
13708	68105	ZINC	5	159.3	197.2
13711	68105	ZINC	4	117.1	136.1
13712	68105	ZINC	5	154.0	226.9
13713	68105	ZINC	4	131.9	156.3
13714	68105	ZINC	4	189.6	255.0
13715	68105	ZINC	3	193.4	333.1
13716	68105	ZINC	5	167.9	200.8
13717	68105	ZINC	3	124.5	132.5
13718	68105	ZINC	4	121.1	143.8
13719	68105	ZINC	4	134.5	152.1
13720	68105	ZINC	4	238.6	431.8
13721	68105	ZINC	3	161.1	165.4
13722	68105	ZINC	4	180.1	225.0
13723	68105	ZINC	4	121.3	145.6
13724	68105	ZINC	4	216.8	293.4
13725	68105	ZINC	4	136.8	164.2
13726	68105	ZINC	4	90.6	136.9
13728	68105	ZINC	3	190.9	284.3
13730	68105	ZINC	4	177.7	221.5
13731	68105	ZINC	4	186.8	223.3
13732	68105	ZINC	4	200.6	235.7
13733	68105	ZINC	4	296.0	495.1
13734	68105	ZINC	3	145.5	208.7
13735	68105	ZINC	5	155.1	218.3
13736	68105	ZINC	4	71.9	104.1
13737	68105	ZINC	4	141.0	177.8
13738	68105	ZINC	5	160.6	221.6
13740	68105	ZINC	4	164.1	242.8
13741	68105	ZINC	4	317.8	491.3
13742	68105	ZINC	4	161.7	193.5
13743	68105	ZINC	4	177.6	335.0
13744	68105	ZINC	4	153.6	201.0
13745	68105	ZINC	4	362.7	542.2
13747	68105	ZINC	4	236.5	319.0
13748	68105	ZINC	4	179.2	187.8
13749	68105	ZINC	4	182.8	201.0
13750	68105	ZINC	4	220.2	352.5
13752	68105	ZINC	4	142.0	171.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13753	68105	ZINC	3	232.1	260.7
13754	68105	ZINC	4	178.7	204.2
13756	68105	ZINC	4	290.4	409.9
13757	68105	ZINC	4	118.8	156.6
13758	68105	ZINC	4	240.4	279.5
13761	68105	ZINC	4	124.8	153.1
13762	68105	ZINC	4	201.5	285.1
13763	68105	ZINC	3	130.8	153.8
13765	68105	ZINC	4	144.7	164.5
13769	68105	ZINC	4	128.0	153.3
13772	68105	ZINC	3	192.7	266.6
13778	68105	ZINC	4	120.5	166.0
13779	68105	ZINC	5	147.3	206.8
13780	68105	ZINC	4	110.6	140.0
13781	68105	ZINC	2	202.6	233.0
13782	68105	ZINC	4	179.1	263.2
13783	68105	ZINC	3	191.4	232.5
13785	68105	ZINC	5	198.0	217.5
13789	68105	ZINC	4	411.1	680.9
13790	68105	ZINC	5	216.5	373.7
13791	68105	ZINC	4	328.4	537.0
13793	68105	ZINC	4	127.6	140.3
13797	68105	ZINC	4	681.2	2420.3
13799	68105	ZINC	4	102.7	143.3
13800	68105	ZINC	5	111.6	144.8
13804	68105	ZINC	4	77.2	117.9
13805	68105	ZINC	4	188.3	212.6
13811	68105	ZINC	4	118.1	172.2
13814	68105	ZINC	5	159.2	265.8
13815	68105	ZINC	4	99.5	117.8
13816	68105	ZINC	4	128.4	153.4
13819	68105	ZINC	4	191.6	229.2
13820	68105	ZINC	4	85.9	95.6
13821	68105	ZINC	4	285.1	379.4
13823	68105	ZINC	4	170.6	219.0
13828	68105	ZINC	3	205.4	394.3
13830	68105	ZINC	4	161.4	318.4
13831	68105	ZINC	4	251.7	305.5
13833	68105	ZINC	3	199.7	255.9
13834	68105	ZINC	4	203.5	239.3
13835	68105	ZINC	4	217.7	378.6
13839	68105	ZINC	4	239.4	271.4
13842	68105	ZINC	4	240.2	286.8
13843	68105	ZINC	3	216.8	319.9
13844	68105	ZINC	4	119.0	162.8
13849	68105	ZINC	4	183.9	207.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13850	68105	ZINC	4	69.0	102.5
13851	68105	ZINC	5	104.4	132.9
13853	68105	ZINC	4	100.4	115.4
13855	68105	ZINC	4	144.4	203.8
13856	68105	ZINC	4	246.8	301.2
13857	68105	ZINC	4	122.0	160.9
13859	68105	ZINC	4	253.9	308.0
13861	68105	ZINC	4	274.8	317.6
13863	68105	ZINC	3	326.8	610.0
13864	68105	ZINC	4	213.8	249.5
13865	68105	ZINC	4	144.0	187.8
13866	68105	ZINC	4	243.0	341.5
13869	68105	ZINC	4	122.7	163.6
13871	68105	ZINC	4	165.6	203.8
13872	68105	ZINC	4	190.8	269.7
13875	68105	ZINC	5	216.8	244.8
13879	68105	ZINC	4	189.1	257.3
13880	68105	ZINC	4	151.2	190.7
13882	68105	ZINC	4	178.2	215.4
13884	68105	ZINC	4	151.9	181.3
13886	68105	ZINC	4	195.7	287.3
13890	68105	ZINC	4	303.7	479.1
13891	68105	ZINC	5	134.5	184.8
13893	68105	ZINC	3	141.5	159.4
13898	68105	ZINC	4	199.3	212.4
13900	68105	ZINC	4	95.9	144.7
13904	68105	ZINC	4	98.5	141.5
13905	68105	ZINC	2	2749.6	5027.2
13906	68105	ZINC	5	157.5	231.8
13907	68105	ZINC	3	94.2	119.7
13908	68105	ZINC	4	207.9	270.0
13909	68105	ZINC	5	171.1	308.9
13910	68105	ZINC	5	123.1	144.2
13911	68105	ZINC	4	219.4	351.1
13912	68105	ZINC	3	208.0	259.1
13913	68105	ZINC	4	200.6	246.4
13915	68105	ZINC	5	115.3	164.3
13916	68105	ZINC	4	263.7	511.9
13917	68105	ZINC	4	300.9	456.3
13918	68105	ZINC	3	134.4	144.0
13919	68105	ZINC	4	185.7	368.0
13922	68105	ZINC	4	183.6	253.5
13927	68105	ZINC	4	126.3	147.2
13928	68105	ZINC	4	171.8	213.2
13932	68105	ZINC	4	110.2	161.9
13934	68105	ZINC	4	102.5	137.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13935	68105	ZINC	5	108.2	164.0
13940	68105	ZINC	5	135.0	176.9
13942	68105	ZINC	4	159.9	179.8
13943	68105	ZINC	4	183.5	224.5
13944	68105	ZINC	4	173.5	274.5
13945	68105	ZINC	5	146.2	165.1
13947	68105	ZINC	4	174.2	325.2
13948	68105	ZINC	5	148.6	174.2
13951	68105	ZINC	4	109.2	148.1
13956	68105	ZINC	4	160.5	171.3
13957	68105	ZINC	3	152.1	185.2
13959	68105	ZINC	4	64.3	96.3
13966	68105	ZINC	3	166.7	199.8
13971	68105	ZINC	4	109.3	116.9
13972	68105	ZINC	3	110.7	124.5
13973	68105	ZINC	4	125.4	151.9
13974	68105	ZINC	3	204.5	259.8
13975	68105	ZINC	4	109.1	182.9
13976	68105	ZINC	4	100.1	136.3
13977	68105	ZINC	4	173.0	212.6
13979	68105	ZINC	4	140.2	203.3
13980	68105	ZINC	4	283.6	389.0
13981	68105	ZINC	3	240.0	259.0
13982	68105	ZINC	6	43.9	46.7
13984	68105	ZINC	4	253.7	279.3
13985	68105	ZINC	5	121.4	133.5
13986	68105	ZINC	4	283.8	433.3
13987	68105	ZINC	4	217.5	273.0
13988	68105	ZINC	5	142.7	178.5
13993	68105	ZINC	5	130.3	288.9
13997	68105	ZINC	4	153.1	179.4
13999	68105	ZINC	6	134.7	201.0
14000	68105	ZINC	5	206.3	415.5
14002	68105	ZINC	5	276.2	624.1
14003	68105	ZINC	4	139.5	230.0
14005	68105	ZINC	4	594.1	1861.0
14006	68105	ZINC	4	233.6	403.7
14007	68105	ZINC	4	177.6	230.1
14010	68105	ZINC	4	81.9	126.7
14012	68105	ZINC	4	198.7	268.8
14013	68105	ZINC	4	297.6	709.4
14014	68105	ZINC	4	123.9	137.5
14015	68105	ZINC	4	178.8	206.3
14016	68105	ZINC	4	137.9	146.1
14017	68105	ZINC	5	151.2	218.3
14019	68105	ZINC	4	157.0	221.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14021	68105	ZINC	4	154.4	169.2
14023	68105	ZINC	3	124.1	139.0
14024	68105	ZINC	5	148.6	166.0
14025	68105	ZINC	4	173.1	249.9
14026	68105	ZINC	4	109.8	114.5
14027	68105	ZINC	4	107.6	120.8
14030	68105	ZINC	4	178.1	265.6
14031	68105	ZINC	3	341.0	465.7
14033	68105	ZINC	4	246.0	369.1
14034	68105	ZINC	4	200.5	399.1
14036	68105	ZINC	4	223.3	329.6
14039	68105	ZINC	4	202.2	339.2
14040	68105	ZINC	4	179.5	209.3
14042	68105	ZINC	4	281.1	608.7
14044	68105	ZINC	3	285.4	342.9
14045	68105	ZINC	3	182.7	225.3
14047	68105	ZINC	4	182.2	486.1
14049	68105	ZINC	4	170.8	200.4
14050	68105	ZINC	4	287.8	428.0
14052	68105	ZINC	4	259.7	645.8
14053	68105	ZINC	4	190.5	268.6
14054	68105	ZINC	4	113.4	139.3
14058	68105	ZINC	4	132.6	164.6
14061	68105	ZINC	4	321.1	665.2
14063	68105	ZINC	4	301.3	673.2
14064	68105	ZINC	3	174.4	209.2
14066	68105	ZINC	5	201.2	296.7
14068	68105	ZINC	3	101.1	121.9
14069	68105	ZINC	2	134.0	161.7
14070	68105	ZINC	4	138.0	154.6
14073	68105	ZINC	3	100.0	102.9
14075	68105	ZINC	3	135.6	197.3
14077	68105	ZINC	4	195.2	232.5
14078	68105	ZINC	4	170.1	198.4
14080	68105	ZINC	5	151.5	164.9
14082	68105	ZINC	3	144.2	179.7
14085	68105	ZINC	3	80.4	101.0
14088	68105	ZINC	4	100.9	153.0
14090	68105	ZINC	2	185.7	187.6
14091	68105	ZINC	5	288.8	548.1
14092	68105	ZINC	6	112.1	135.9
14093	68105	ZINC	2	130.9	133.1
14094	68105	ZINC	4	187.3	246.7
14097	68105	ZINC	4	122.0	184.1
14098	68105	ZINC	4	289.7	640.5
14099	68105	ZINC	4	216.0	337.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14100	68105	ZINC	5	267.9	441.2
14101	68105	ZINC	4	237.3	347.5
14102	68105	ZINC	4	195.4	229.6
14103	68105	ZINC	3	125.5	136.8
14104	68105	ZINC	5	331.2	620.6
14105	68105	ZINC	5	199.4	372.8
14108	68105	ZINC	4	127.6	172.5
14109	68105	ZINC	4	129.5	186.8
14114	68105	ZINC	3	164.6	202.3
14115	68105	ZINC	4	190.0	217.3
14116	68105	ZINC	4	141.5	216.6
14117	68105	ZINC	4	266.7	364.4
14118	68105	ZINC	4	345.8	480.5
14122	68105	ZINC	5	122.2	161.5
14124	68105	ZINC	5	71.3	148.6
14125	68105	ZINC	4	177.4	222.6
14126	68105	ZINC	4	169.6	241.9
14127	68105	ZINC	4	151.3	266.0
14129	68105	ZINC	4	306.2	479.0
14131	68105	ZINC	4	140.1	175.3
14132	68105	ZINC	4	221.6	258.0
14133	68105	ZINC	4	366.6	1016.2
14137	68105	ZINC	4	192.0	272.9
14138	68105	ZINC	4	176.6	249.5
14139	68105	ZINC	5	54.7	98.7
14142	68105	ZINC	3	136.8	139.8
14144	68105	ZINC	5	127.1	186.1
14145	68105	ZINC	5	210.9	266.4
14146	68105	ZINC	4	262.7	473.2
14148	68105	ZINC	4	166.5	292.5
14149	68105	ZINC	4	156.3	189.5
14150	68105	ZINC	4	86.2	105.5
14152	68105	ZINC	4	113.0	124.8
14154	68105	ZINC	5	92.5	118.6
14155	68105	ZINC	4	169.5	187.1
14156	68105	ZINC	4	1214.6	4390.1
14157	68105	ZINC	5	99.2	137.1
14159	68105	ZINC	4	165.8	230.7
14160	68105	ZINC	5	167.3	344.7
14161	68105	ZINC	4	101.0	115.4
14162	68105	ZINC	4	106.2	116.5
14164	68105	ZINC	4	169.4	266.4
14165	68105	ZINC	4	96.4	145.5
14166	68105	ZINC	4	50.3	75.0
14167	68105	ZINC	4	118.7	211.4
14168	68105	ZINC	4	153.0	205.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14169	68105	ZINC	4	136.1	165.2
14170	68105	ZINC	5	179.8	247.2
14172	68105	ZINC	4	234.7	369.6
14175	68105	ZINC	4	152.9	203.1
14176	68105	ZINC	4	136.5	168.6
14177	68105	ZINC	4	188.3	276.3
14178	68105	ZINC	6	162.6	307.4
14180	68105	ZINC	4	130.6	152.2
14181	68105	ZINC	4	155.2	181.2
14182	68105	ZINC	4	87.1	102.9
14183	68105	ZINC	5	180.2	234.1
14187	68105	ZINC	4	180.2	223.4
14188	68105	ZINC	4	255.5	344.3
14190	68105	ZINC	4	360.0	523.9
14191	68105	ZINC	4	149.4	163.6
14193	68105	ZINC	4	143.8	230.7
14194	68105	ZINC	4	213.7	312.7
14195	68105	ZINC	4	364.0	848.1
14196	68105	ZINC	5	192.6	235.8
14197	68105	ZINC	4	96.3	107.5
14198	68105	ZINC	4	128.5	153.7
14199	68105	ZINC	4	159.6	216.0
14200	68105	ZINC	4	138.0	190.5
14201	68105	ZINC	5	117.7	144.0
14206	68105	ZINC	5	116.1	135.9
14207	68105	ZINC	4	101.6	107.1
14211	68105	ZINC	3	216.1	233.1
14212	68105	ZINC	4	197.5	283.0
14214	68105	ZINC	6	178.0	306.2
14215	68105	ZINC	4	271.3	415.6
14216	68105	ZINC	4	166.8	224.8
14221	68105	ZINC	4	141.0	169.2
14222	68105	ZINC	5	295.8	356.5
14223	68105	ZINC	4	434.5	1138.8
14225	68105	ZINC	4	179.1	192.9
14226	68105	ZINC	4	90.6	94.2
14227	68105	ZINC	4	269.1	386.3
14228	68105	ZINC	4	96.4	111.4
14229	68105	ZINC	4	249.8	554.4
14233	68105	ZINC	4	147.9	247.4
14234	68105	ZINC	4	221.0	370.5
14236	68105	ZINC	4	114.2	140.1
14237	68105	ZINC	4	61.8	95.6
14238	68105	ZINC	4	224.0	276.4
14240	68105	ZINC	2	145.9	154.8
14243	68105	ZINC	5	158.6	212.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14245	68105	ZINC	4	112.6	158.9
14247	68105	ZINC	5	308.4	876.2
14248	68105	ZINC	3	116.2	132.1
14250	68105	ZINC	5	216.2	336.9
14253	68105	ZINC	4	213.5	431.5
14254	68105	ZINC	4	110.8	145.1
14255	68105	ZINC	3	140.3	154.2
14257	68105	ZINC	3	260.6	466.7
14260	68105	ZINC	4	139.8	179.9
14261	68105	ZINC	4	106.3	133.0
14262	68105	ZINC	4	78.6	97.0
14263	68105	ZINC	5	280.2	348.6
14265	68105	ZINC	3	144.7	157.4
14266	68105	ZINC	3	68.0	103.3
14267	68105	ZINC	4	166.0	222.6
14268	68105	ZINC	4	218.1	284.8
14271	68105	ZINC	3	175.1	220.5
14275	68105	ZINC	4	184.7	242.1
14276	68105	ZINC	6	165.8	296.8
14277	68105	ZINC	4	123.3	143.6
14280	68105	ZINC	4	197.4	219.5
14281	68105	ZINC	4	253.8	365.1
14283	68105	ZINC	4	393.9	512.0
14288	68105	ZINC	4	174.9	202.7
14289	68105	ZINC	4	218.1	275.1
14291	68105	ZINC	3	211.7	230.4
14293	68105	ZINC	4	137.7	165.5
14294	68105	ZINC	4	291.6	604.4
14295	68105	ZINC	4	102.3	113.9
14296	68105	ZINC	4	51.2	52.8
14298	68105	ZINC	4	116.8	159.3
14301	68105	ZINC	4	257.6	382.2
14302	68105	ZINC	4	60.5	85.2
14303	68105	ZINC	4	246.0	430.3
14304	68105	ZINC	4	154.3	188.0
14307	68105	ZINC	4	189.4	247.8
14310	68105	ZINC	4	301.1	455.1
14312	68105	ZINC	4	45.9	46.2
14317	68105	ZINC	5	200.2	303.6
14318	68105	ZINC	4	161.4	201.3
14319	68105	ZINC	4	270.7	454.0
14322	68105	ZINC	4	162.8	245.1
14323	68105	ZINC	4	129.1	202.9
14324	68105	ZINC	4	200.0	262.6
14326	68105	ZINC	4	159.0	202.6
14329	68105	ZINC	3	151.6	171.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14330	68105	ZINC	3	221.2	243.9
14336	68105	ZINC	2	112.0	125.3
14339	68105	ZINC	4	162.3	206.3
14341	68105	ZINC	5	190.7	271.6
14342	68105	ZINC	4	168.9	213.5
14344	68105	ZINC	4	58.4	82.3
14346	68105	ZINC	4	256.5	337.1
14347	68105	ZINC	4	193.3	253.4
14348	68105	ZINC	3	155.0	184.2
14352	68105	ZINC	4	82.9	102.8
14355	68105	ZINC	5	228.1	282.3
14356	68105	ZINC	3	147.7	196.1
14361	68105	ZINC	4	166.3	254.2
14363	68105	ZINC	4	83.1	104.2
14364	68105	ZINC	4	257.3	341.9
14368	68105	ZINC	4	310.0	460.7
14373	68105	ZINC	4	174.9	241.5
14377	68105	ZINC	4	224.8	450.9
14378	68105	ZINC	5	194.3	210.1
14380	68105	ZINC	4	192.0	254.6
14381	68105	ZINC	5	187.4	248.0
14382	68105	ZINC	4	113.9	162.2
14383	68105	ZINC	5	272.4	418.0
14385	68105	ZINC	5	128.4	169.5
14386	68105	ZINC	4	206.8	283.8
14390	68105	ZINC	3	105.2	113.8
14393	68105	ZINC	4	161.9	226.6
14394	68105	ZINC	4	297.0	445.2
14395	68105	ZINC	4	112.1	217.0
14396	68105	ZINC	4	151.7	171.9
14398	68105	ZINC	4	109.3	129.8
14399	68105	ZINC	4	102.1	191.1
14400	68105	ZINC	4	93.5	123.8
14402	68105	ZINC	4	141.6	159.8
14403	68105	ZINC	4	210.5	287.7
14404	68105	ZINC	5	177.1	297.2
14405	68105	ZINC	4	137.2	165.4
14406	68105	ZINC	2	139.1	141.4
14407	68105	ZINC	5	101.6	132.6
14408	68105	ZINC	4	145.2	255.1
14409	68105	ZINC	5	242.3	340.0
14410	68105	ZINC	4	134.2	138.8
14411	68105	ZINC	5	187.9	252.0
14413	68105	ZINC	3	188.3	219.7
14415	68105	ZINC	4	294.8	466.0
14420	68105	ZINC	4	437.9	1226.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14422	68105	ZINC	4	251.9	550.0
14423	68105	ZINC	4	199.2	247.4
14424	68105	ZINC	5	143.7	190.1
14426	68105	ZINC	4	250.0	632.4
14427	68105	ZINC	4	87.4	111.5
14428	68105	ZINC	4	273.1	622.9
14429	68105	ZINC	4	127.5	181.4
14431	68105	ZINC	4	119.8	160.3
14434	68105	ZINC	4	126.7	174.7
14435	68105	ZINC	4	219.5	242.8
14437	68105	ZINC	4	259.6	357.6
14439	68105	ZINC	5	105.1	139.2
14441	68105	ZINC	4	113.8	131.3
14443	68105	ZINC	4	217.7	257.1
14446	68105	ZINC	4	225.3	599.0
14447	68105	ZINC	5	244.3	335.5
14448	68105	ZINC	4	165.0	198.2
14450	68105	ZINC	4	116.2	135.3
14451	68105	ZINC	4	121.6	157.4
14452	68105	ZINC	5	288.8	432.1
14453	68105	ZINC	5	171.5	201.3
14456	68105	ZINC	4	95.7	141.4
14459	68105	ZINC	5	231.2	365.8
14460	68105	ZINC	5	210.6	341.0
14462	68105	ZINC	4	84.9	130.5
14464	68105	ZINC	4	98.8	108.0
14467	68105	ZINC	4	114.7	124.3
14469	68105	ZINC	4	179.4	201.0
14471	68105	ZINC	5	305.9	349.6
14472	68105	ZINC	2	256.2	277.9
14473	68105	ZINC	4	131.7	161.1
14478	68105	ZINC	4	153.8	189.1
14479	68105	ZINC	5	187.7	248.7
14482	68105	ZINC	4	282.0	428.8
14483	68105	ZINC	4	150.4	182.5
14484	68105	ZINC	4	137.6	166.5
14487	68105	ZINC	4	141.0	180.4
14492	68105	ZINC	5	135.7	175.2
14498	68105	ZINC	4	182.7	234.1
14499	68105	ZINC	4	146.1	169.0
14500	68105	ZINC	4	198.6	309.2
14502	68105	ZINC	4	151.3	198.0
14506	68105	ZINC	4	147.1	303.0
14507	68105	ZINC	4	175.9	355.5
14508	68105	ZINC	4	204.4	348.5
14509	68105	ZINC	4	479.7	1685.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14510	68105	ZINC	4	110.5	116.5
14511	68105	ZINC	5	168.8	246.3
14513	68105	ZINC	4	265.8	345.3
14515	68105	ZINC	4	132.6	155.0
14520	68105	ZINC	1	237.0	237.0
14522	68105	ZINC	4	168.2	249.9
14523	68105	ZINC	4	139.5	259.4
14524	68105	ZINC	4	105.5	114.0
14525	68105	ZINC	4	166.0	266.3
14526	68105	ZINC	4	239.1	303.0
14528	68105	ZINC	4	112.7	140.6
14531	68105	ZINC	4	249.3	308.9
14532	68105	ZINC	4	476.3	884.1
14533	68105	ZINC	4	385.7	727.7
14534	68105	ZINC	5	267.5	287.6
14535	68105	ZINC	4	66.8	135.8
14536	68105	ZINC	5	412.1	646.5
14538	68105	ZINC	4	370.5	625.9
14539	68105	ZINC	4	111.6	157.3
14542	68105	ZINC	4	205.6	268.2
14543	68105	ZINC	4	145.2	173.4
14544	68105	ZINC	4	268.6	363.0
14546	68105	ZINC	4	363.0	911.8
14548	68105	ZINC	4	236.6	362.6
14549	68105	ZINC	4	174.7	256.2
14550	68105	ZINC	4	118.3	134.7
14551	68105	ZINC	4	234.2	448.6
14556	68105	ZINC	3	128.2	166.2
14557	68105	ZINC	2	182.0	209.0
14561	68105	ZINC	4	131.8	169.5
14565	68105	ZINC	4	377.7	617.3
14567	68105	ZINC	4	360.2	573.0
14568	68105	ZINC	4	103.3	107.3
14572	68105	ZINC	4	163.7	360.7
14577	68105	ZINC	4	148.3	185.0
14583	68105	ZINC	4	147.4	161.9
14584	68105	ZINC	4	142.7	177.9
14587	68105	ZINC	5	215.9	282.7
14590	68105	ZINC	4	114.0	147.6
14592	68105	ZINC	5	167.7	224.1
14593	68105	ZINC	4	220.6	427.5
14597	68105	ZINC	4	134.7	162.7
14598	68105	ZINC	4	153.1	194.5
14601	68105	ZINC	4	154.4	167.7
14602	68105	ZINC	4	151.7	184.0
14603	68105	ZINC	6	241.0	329.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14604	68105	ZINC	4	70.8	82.7
14605	68105	ZINC	5	197.7	249.6
14606	68105	ZINC	4	147.9	271.9
14609	68105	ZINC	4	111.8	126.2
14611	68105	ZINC	5	286.0	452.2
14612	68105	ZINC	5	81.7	128.2
14614	68105	ZINC	4	192.9	202.3
14618	68105	ZINC	4	215.5	264.2
14620	68105	ZINC	4	70.0	94.5
14624	68105	ZINC	5	89.0	132.0
14625	68105	ZINC	4	89.0	117.8
14626	68105	ZINC	6	140.6	183.5
14627	68105	ZINC	4	111.1	133.1
14628	68105	ZINC	4	244.2	340.3
14631	68105	ZINC	4	161.4	167.2
14632	68105	ZINC	4	118.5	136.9
14633	68105	ZINC	4	138.9	178.8
14634	68105	ZINC	4	218.6	350.3
14636	68105	ZINC	4	126.5	149.4
14640	68105	ZINC	4	184.6	261.3
14641	68105	ZINC	4	153.6	175.7
14644	68105	ZINC	4	204.3	292.3
14646	68105	ZINC	4	130.5	152.1
14647	68105	ZINC	4	202.3	260.0
14648	68105	ZINC	4	174.4	232.4
14649	68105	ZINC	4	762.9	962.3
14650	68105	ZINC	5	213.7	281.3
14651	68105	ZINC	4	177.8	281.4
14652	68105	ZINC	4	106.3	116.8
14655	68105	ZINC	4	194.9	232.8
14656	68105	ZINC	5	123.6	155.6
14657	68105	ZINC	4	129.6	167.3
14659	68105	ZINC	5	282.4	437.4
14661	68105	ZINC	4	155.3	188.9
14662	68105	ZINC	4	205.4	316.2
14666	68105	ZINC	4	148.2	183.9
14667	68105	ZINC	4	59.1	103.5
14679	68105	ZINC	4	143.0	164.3
14680	68105	ZINC	5	113.3	182.0
14681	68105	ZINC	4	109.2	138.2
14688	68105	ZINC	5	177.1	269.8
14689	68105	ZINC	4	296.4	489.5
14693	68105	ZINC	4	159.2	170.1
14695	68105	ZINC	3	189.4	235.9
14696	68105	ZINC	4	557.8	1381.3
14698	68105	ZINC	3	151.0	159.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14699	68105	ZINC	4	118.9	137.8
14702	68105	ZINC	4	232.8	457.5
14703	68105	ZINC	4	224.0	292.9
14708	68105	ZINC	5	117.5	139.6
14709	68105	ZINC	5	222.3	249.1
14711	68105	ZINC	4	80.8	149.4
14712	68105	ZINC	4	238.3	288.2
14717	68105	ZINC	4	139.7	191.5
14718	68105	ZINC	4	209.0	287.6
14719	68105	ZINC	4	106.2	115.6
14721	68105	ZINC	6	125.0	214.2
14723	68105	ZINC	4	211.7	292.0
14725	68105	ZINC	4	112.9	142.2
14727	68105	ZINC	4	223.8	314.8
14730	68105	ZINC	4	147.2	179.6
14731	68105	ZINC	4	320.8	417.1
14733	68105	ZINC	4	166.1	206.3
14734	68105	ZINC	4	160.0	223.6
14735	68105	ZINC	4	160.9	202.0
14737	68105	ZINC	4	233.4	351.8
14739	68105	ZINC	4	173.6	209.0
14743	68105	ZINC	4	257.4	359.1
14744	68105	ZINC	4	126.9	142.2
14746	68105	ZINC	4	98.4	107.6
14749	68105	ZINC	5	321.7	427.2
14752	68105	ZINC	4	126.8	162.4
14753	68105	ZINC	5	137.2	168.0
14755	68105	ZINC	4	182.7	220.8
14756	68105	ZINC	4	152.0	217.9
14757	68105	ZINC	4	61.5	68.9
14761	68105	ZINC	4	157.7	175.0
14763	68105	ZINC	4	261.8	342.0
14764	68105	ZINC	4	109.4	130.9
14765	68105	ZINC	4	158.7	164.9
14766	68105	ZINC	4	246.7	404.6
14767	68105	ZINC	4	140.3	147.6
14768	68105	ZINC	4	257.8	324.4
14769	68105	ZINC	5	129.1	148.9
14774	68105	ZINC	4	156.3	179.3
14776	68105	ZINC	5	192.7	302.9
14777	68105	ZINC	4	70.5	100.5
14778	68105	ZINC	4	114.0	140.2
14780	68105	ZINC	4	184.5	355.9
14781	68105	ZINC	5	132.0	173.3
14783	68105	ZINC	4	150.5	164.5
14784	68105	ZINC	4	162.2	430.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14787	68105	ZINC	4	195.0	240.6
14788	68105	ZINC	6	340.7	699.4
14791	68105	ZINC	4	144.7	174.3
14794	68105	ZINC	4	194.8	221.1
14797	68105	ZINC	4	228.5	256.3
14798	68105	ZINC	4	182.4	208.7
14799	68105	ZINC	4	225.2	339.3
14806	68105	ZINC	5	82.8	166.4
14809	68105	ZINC	4	143.1	190.6
14810	68105	ZINC	4	246.4	311.4
14811	68105	ZINC	4	112.9	159.8
14812	68105	ZINC	4	65.8	93.3
14813	68105	ZINC	5	116.6	147.7
14814	68105	ZINC	5	348.1	663.8
14817	68105	ZINC	5	311.7	457.1
14819	68105	ZINC	5	168.7	176.6
14820	68105	ZINC	3	187.4	324.2
14823	68105	ZINC	4	254.0	528.8
14824	68105	ZINC	4	109.3	122.2
14826	68105	ZINC	5	159.0	231.1
14828	68105	ZINC	4	177.5	196.3
14829	68105	ZINC	5	225.3	289.9
14836	68105	ZINC	5	236.9	281.5
14837	68105	ZINC	5	122.2	150.4
14838	68105	ZINC	4	262.8	334.1
14840	68105	ZINC	6	209.4	348.3
14844	68105	ZINC	4	238.7	288.1
14846	68105	ZINC	5	282.0	457.0
14852	68105	ZINC	4	198.8	329.4
14857	68105	ZINC	3	118.5	125.4
14858	68105	ZINC	4	386.4	856.4
14860	68105	ZINC	4	301.8	567.9
14863	68105	ZINC	4	333.3	504.6
14864	68105	ZINC	4	171.3	275.0
14869	68105	ZINC	4	150.5	191.0
14872	68105	ZINC	4	145.6	268.2
14875	68105	ZINC	4	192.5	209.0
14876	68105	ZINC	5	163.7	251.5
14877	68105	ZINC	5	161.2	218.0
14880	68105	ZINC	4	128.2	232.7
14881	68105	ZINC	4	100.5	126.6
14882	68105	ZINC	5	165.9	213.1
14883	68105	ZINC	4	180.8	204.6
14884	68105	ZINC	5	185.1	248.8
14885	68105	ZINC	3	219.6	256.1
14887	68105	ZINC	4	194.7	259.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14889	68105	ZINC	4	277.9	519.1
14892	68105	ZINC	4	170.3	214.9
14893	68105	ZINC	4	171.2	200.0
14896	68105	ZINC	4	86.9	119.4
14897	68105	ZINC	4	182.1	252.7
14900	68105	ZINC	3	70.3	131.4
14905	68105	ZINC	4	194.5	428.3
14906	68105	ZINC	4	203.7	269.6
14908	68105	ZINC	5	115.0	155.5
14909	68105	ZINC	4	228.1	235.7
14910	68105	ZINC	3	103.4	104.9
14913	68105	ZINC	5	195.9	218.8
14915	68105	ZINC	5	288.6	346.0
14916	68105	ZINC	4	154.9	209.7
14917	68105	ZINC	4	515.5	1413.6
14918	68105	ZINC	4	167.4	283.3
14919	68105	ZINC	4	194.5	246.4
14920	68105	ZINC	4	159.2	179.2
14921	68105	ZINC	5	213.6	429.0
14922	68105	ZINC	4	86.1	113.9
14923	68105	ZINC	3	292.7	508.4
14924	68105	ZINC	4	113.4	128.0
14926	68105	ZINC	4	97.9	132.4
14927	68105	ZINC	4	111.2	185.1
14928	68105	ZINC	4	109.7	129.3
14929	68105	ZINC	4	79.4	107.9
14930	68105	ZINC	4	122.7	149.9
14934	68105	ZINC	4	95.5	172.6
14937	68105	ZINC	4	165.6	211.7
14938	68105	ZINC	4	126.8	154.4
14942	68105	ZINC	5	159.3	216.0
14949	68105	ZINC	5	304.1	443.4
14950	68105	ZINC	3	126.3	150.5
14951	68105	ZINC	5	97.9	178.2
14952	68105	ZINC	4	135.0	180.0
14955	68105	ZINC	4	151.6	178.8
14956	68105	ZINC	4	136.0	185.9
14957	68105	ZINC	4	96.9	120.6
14958	68105	ZINC	4	156.0	172.9
14959	68105	ZINC	4	204.2	320.0
14962	68105	ZINC	4	155.5	204.5
14964	68105	ZINC	5	241.5	455.6
14966	68105	ZINC	4	157.5	219.9
14967	68105	ZINC	4	191.2	220.7
14969	68105	ZINC	4	128.1	217.7
14970	68105	ZINC	5	106.1	122.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14971	68105	ZINC	6	240.4	501.3
14974	68105	ZINC	4	144.8	161.9
14975	68105	ZINC	4	128.7	154.7
14976	68105	ZINC	4	146.8	180.0
14978	68105	ZINC	4	200.5	271.6
14979	68105	ZINC	4	101.5	113.5
14980	68105	ZINC	5	263.8	360.6
14981	68105	ZINC	4	321.0	644.1
14982	68105	ZINC	4	81.9	84.9
14984	68105	ZINC	4	116.2	165.8
14985	68105	ZINC	4	125.4	137.7
14986	68105	ZINC	4	245.1	500.9
14988	68105	ZINC	2	152.5	211.8
14990	68105	ZINC	4	244.0	460.2
14992	68105	ZINC	4	269.8	469.5
14993	68105	ZINC	6	179.6	304.2
14994	68105	ZINC	2	169.1	212.3
14995	68105	ZINC	4	163.1	225.3
15000	68105	ZINC	4	223.0	309.6
15003	68105	ZINC	4	206.9	301.5
15006	68105	ZINC	4	170.2	180.4
15008	68105	ZINC	5	146.2	161.4
15009	68105	ZINC	4	179.7	234.2
15012	68105	ZINC	4	256.0	385.2
15013	68105	ZINC	4	119.6	137.8
15014	68105	ZINC	4	65.3	89.8
15015	68105	ZINC	4	187.6	232.5
15016	68105	ZINC	3	281.3	304.6
15017	68105	ZINC	4	117.1	128.9
15020	68105	ZINC	4	195.9	296.2
15022	68105	ZINC	3	344.6	536.9
15024	68105	ZINC	3	202.5	271.1
15025	68105	ZINC	4	376.6	1030.4
15029	68105	ZINC	4	240.8	351.4
15032	68105	ZINC	4	240.2	286.4
15035	68105	ZINC	4	102.0	127.1
15036	68105	ZINC	4	236.8	397.7
15037	68105	ZINC	4	118.5	130.8
15038	68105	ZINC	6	185.0	246.6
15041	68105	ZINC	2	131.5	135.9
15044	68105	ZINC	5	204.1	264.7
15045	68105	ZINC	4	306.3	687.0
15047	68105	ZINC	4	153.0	157.9
15052	68105	ZINC	3	165.5	191.8
15056	68105	ZINC	4	100.0	117.1
15057	68105	ZINC	4	179.4	194.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15058	68105	ZINC	4	219.4	425.2
15059	68105	ZINC	4	115.2	138.9
15060	68105	ZINC	4	244.7	280.1
15064	68105	ZINC	4	117.0	143.3
15065	68105	ZINC	5	138.8	165.5
15068	68105	ZINC	4	188.5	214.1
15071	68105	ZINC	4	109.3	138.3
15074	68105	ZINC	4	120.5	142.3
15076	68105	ZINC	4	216.1	269.3
15077	68105	ZINC	4	176.5	220.2
15078	68105	ZINC	4	107.6	117.3
15079	68105	ZINC	4	303.8	481.6
15080	68105	ZINC	4	330.2	477.4
15082	68105	ZINC	4	153.2	194.8
15083	68105	ZINC	4	272.1	477.2
15084	68105	ZINC	5	186.1	333.0
15088	68105	ZINC	5	201.8	261.4
15089	68105	ZINC	4	159.9	241.1
15090	68105	ZINC	4	221.5	281.9
15091	68105	ZINC	4	248.0	309.6
15094	68105	ZINC	4	161.4	225.9
15095	68105	ZINC	4	243.6	286.5
15097	68105	ZINC	4	168.2	206.9
15099	68105	ZINC	4	110.0	122.3
15102	68105	ZINC	4	214.2	280.7
15104	68105	ZINC	4	119.3	190.4
15105	68105	ZINC	4	155.0	201.2
15106	68105	ZINC	5	424.8	563.8
15110	68105	ZINC	4	204.9	252.1
15119	68105	ZINC	4	219.9	258.5
15121	68105	ZINC	5	238.2	329.8
15122	68105	ZINC	4	76.3	96.7
15123	68105	ZINC	4	198.1	307.8
15126	68105	ZINC	4	165.8	227.9
15128	68105	ZINC	4	330.1	356.1
15132	68105	ZINC	4	240.4	400.5
15133	68105	ZINC	4	268.4	310.5
15136	68105	ZINC	4	184.6	203.7
15139	68105	ZINC	4	247.1	618.5
15141	68105	ZINC	4	175.4	214.9
15144	68105	ZINC	4	83.2	135.2
15145	68105	ZINC	4	256.1	503.8
15149	68105	ZINC	4	163.1	174.3
15153	68105	ZINC	4	341.0	524.6
15154	68105	ZINC	5	140.0	167.0
15159	68105	ZINC	5	174.6	233.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15160	68105	ZINC	4	177.3	244.9
15161	68105	ZINC	4	289.1	443.1
15162	68105	ZINC	4	233.4	426.7
15163	68105	ZINC	4	109.8	123.8
15166	68105	ZINC	4	206.1	268.3
15167	68105	ZINC	4	203.7	248.5
15168	68105	ZINC	4	308.6	513.6
15169	68105	ZINC	4	181.9	206.5
15172	68105	ZINC	4	101.5	122.1
15175	68105	ZINC	4	339.4	660.6
15177	68105	ZINC	4	146.9	179.8
15178	68105	ZINC	4	266.2	282.0
15182	68105	ZINC	4	164.0	202.7
15184	68105	ZINC	5	199.5	413.2
15189	68105	ZINC	4	117.6	134.3
15191	68105	ZINC	4	154.4	195.0
15192	68105	ZINC	4	109.2	141.3
15193	68105	ZINC	4	148.1	154.9
15194	68105	ZINC	3	178.4	224.4
15197	68105	ZINC	4	137.2	177.0
15198	68105	ZINC	4	143.8	169.1
15199	68105	ZINC	6	183.8	289.8
15202	68105	ZINC	4	240.1	265.2
15206	68105	ZINC	4	175.7	215.0
15210	68105	ZINC	4	215.8	323.9
15211	68105	ZINC	4	165.8	249.2
15213	68105	ZINC	4	289.1	801.6
15215	68105	ZINC	5	71.3	131.8
15216	68105	ZINC	4	195.1	322.9
15218	68105	ZINC	3	186.8	225.9
15219	68105	ZINC	4	237.9	421.1
15221	68105	ZINC	4	332.9	585.1
15227	68105	ZINC	4	262.4	390.3
15229	68105	ZINC	4	205.2	275.4
15231	68105	ZINC	5	170.4	319.2
15234	68105	ZINC	5	195.9	312.8
15236	68105	ZINC	4	438.8	642.4
15238	68105	ZINC	5	170.4	237.9
15240	68105	ZINC	4	183.4	212.1
15244	68105	ZINC	4	153.0	181.3
15246	68105	ZINC	4	115.5	134.9
15249	68105	ZINC	5	158.1	333.9
15250	68105	ZINC	5	272.5	323.0
15255	68105	ZINC	4	153.7	187.7
15257	68105	ZINC	5	241.8	275.0
15258	68105	ZINC	5	126.5	138.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15261	68105	ZINC	3	128.4	166.5
15262	68105	ZINC	4	206.6	270.8
15265	68105	ZINC	5	290.1	346.8
15267	68105	ZINC	4	166.0	201.1
15274	68105	ZINC	4	320.3	632.6
15277	68105	ZINC	4	130.9	142.0
15278	68105	ZINC	4	168.3	212.3
15279	68105	ZINC	6	142.3	256.6
15280	68105	ZINC	4	92.0	125.8
15284	68105	ZINC	4	124.5	135.9
15287	68105	ZINC	4	141.8	163.5
15288	68105	ZINC	4	187.7	267.0
15291	68105	ZINC	4	188.4	218.6
15292	68105	ZINC	5	217.2	299.8
15293	68105	ZINC	4	105.5	119.1
15295	68105	ZINC	4	300.4	380.2
15298	68105	ZINC	4	274.2	495.6
15299	68105	ZINC	4	174.8	202.8
15300	68105	ZINC	4	159.1	344.1
15301	68105	ZINC	6	138.1	171.6
15302	68105	ZINC	4	182.2	213.1
15303	68105	ZINC	4	210.6	257.7
15305	68105	ZINC	4	131.0	222.9
15306	68105	ZINC	4	154.8	219.3
15308	68105	ZINC	4	168.6	241.4
15311	68105	ZINC	3	115.2	148.4
15315	68105	ZINC	4	106.1	111.0
15316	68105	ZINC	5	263.5	321.7
15317	68105	ZINC	4	160.0	276.3
15318	68105	ZINC	3	186.9	217.6
15319	68105	ZINC	4	138.4	224.1
15320	68105	ZINC	4	135.7	169.2
15321	68105	ZINC	5	347.1	518.1
15323	68105	ZINC	4	389.7	1037.9
15329	68105	ZINC	4	201.0	291.5
15332	68105	ZINC	5	257.4	322.0
15333	68105	ZINC	4	178.0	282.9
15334	68105	ZINC	4	218.2	277.9
15335	68105	ZINC	5	263.7	326.7
15336	68105	ZINC	4	118.8	153.1
15340	68105	ZINC	4	169.6	198.3
15341	68105	ZINC	3	49.4	73.8
15342	68105	ZINC	4	270.8	538.9
15343	68105	ZINC	4	170.3	433.7
15344	68105	ZINC	4	348.5	590.2
15345	68105	ZINC	5	139.9	209.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15348	68105	ZINC	4	296.8	356.5
15349	68105	ZINC	5	136.8	193.2
15350	68105	ZINC	5	233.7	319.5
15352	68105	ZINC	4	215.3	249.6
15354	68105	ZINC	4	241.8	408.0
15357	68105	ZINC	4	110.1	126.4
15360	68105	ZINC	4	118.0	170.7
15363	68105	ZINC	5	180.8	252.8
15366	68105	ZINC	4	111.9	164.8
15371	68105	ZINC	4	122.9	167.5
15372	68105	ZINC	3	198.3	250.0
15373	68105	ZINC	4	207.0	308.1
15377	68105	ZINC	4	283.1	351.4
15378	68105	ZINC	4	210.1	228.6
15379	68105	ZINC	3	207.6	244.2
15380	68105	ZINC	5	179.6	249.1
15382	68105	ZINC	4	245.7	305.5
15385	68105	ZINC	4	121.9	217.9
15386	68105	ZINC	4	143.5	174.1
15388	68105	ZINC	3	256.2	346.1
15389	68105	ZINC	4	196.6	241.0
15390	68105	ZINC	4	143.0	175.5
15392	68105	ZINC	4	141.4	178.2
15393	68105	ZINC	4	149.8	179.8
15394	68105	ZINC	4	150.5	191.5
15397	68105	ZINC	4	134.5	154.7
15398	68105	ZINC	5	238.1	349.8
15400	68105	ZINC	4	106.3	121.3
15402	68105	ZINC	4	84.7	103.9
15407	68105	ZINC	4	138.4	166.6
15410	68105	ZINC	4	284.8	517.8
15416	68105	ZINC	5	171.3	250.1
15417	68105	ZINC	4	177.4	248.4
15426	68105	ZINC	3	245.5	286.9
15427	68105	ZINC	4	327.7	860.3
15430	68105	ZINC	4	210.8	244.3
15434	68105	ZINC	4	193.4	250.0
15436	68105	ZINC	4	195.6	229.5
15442	68105	ZINC	4	235.8	333.9
15447	68105	ZINC	2	389.6	527.9
15449	68105	ZINC	5	296.2	467.2
15452	68105	ZINC	4	210.7	224.2
15453	68105	ZINC	4	767.5	1797.8
15454	68105	ZINC	5	120.3	155.2
15456	68105	ZINC	4	182.1	232.6
15461	68105	ZINC	4	254.8	377.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15464	68105	ZINC	4	111.3	123.9
15466	68105	ZINC	5	156.6	224.8
15473	68105	ZINC	5	265.9	794.8
15474	68105	ZINC	4	276.4	487.1
15476	68105	ZINC	4	248.6	316.8
15477	68105	ZINC	4	145.0	156.5
15480	68105	ZINC	5	128.2	191.7
15484	68105	ZINC	4	192.0	231.8
15485	68105	ZINC	4	187.0	299.1
15487	68105	ZINC	4	165.8	223.3
15489	68105	ZINC	4	209.4	351.7
15493	68105	ZINC	4	173.7	243.3
15494	68105	ZINC	4	280.5	340.6
15495	68105	ZINC	4	200.7	218.6
15496	68105	ZINC	4	195.2	227.2
15497	68105	ZINC	4	168.1	209.7
15499	68105	ZINC	4	206.3	355.1
15500	68105	ZINC	4	167.8	322.1
15503	68105	ZINC	4	261.8	338.8
15507	68105	ZINC	4	357.2	785.7
15508	68105	ZINC	4	107.8	138.4
15509	68105	ZINC	4	124.2	147.6
15510	68105	ZINC	4	60.9	102.1
15511	68105	ZINC	4	266.3	466.9
15513	68105	ZINC	4	332.5	674.1
15514	68105	ZINC	4	205.3	318.6
15515	68105	ZINC	5	264.9	315.5
15516	68105	ZINC	4	381.2	491.2
15518	68105	ZINC	6	162.0	259.0
15519	68105	ZINC	4	164.1	202.5
15520	68105	ZINC	5	424.9	761.3
15522	68105	ZINC	4	299.1	470.4
15523	68105	ZINC	4	171.1	296.5
15524	68105	ZINC	4	236.1	358.7
15525	68105	ZINC	4	306.2	468.0
15526	68105	ZINC	4	125.0	167.9
15527	68105	ZINC	4	278.5	503.2
15528	68105	ZINC	4	251.7	286.1
15534	68105	ZINC	5	218.1	329.3
15536	68105	ZINC	4	289.1	413.7
15537	68105	ZINC	5	202.1	254.4
15540	68105	ZINC	4	182.0	224.9
15541	68105	ZINC	4	251.2	349.8
15543	68105	ZINC	4	133.4	159.2
15544	68105	ZINC	4	184.0	263.6
15545	68105	ZINC	4	200.4	361.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15547	68105	ZINC	4	131.4	189.7
15548	68105	ZINC	4	386.0	913.4
15554	68105	ZINC	4	229.3	425.7
15564	68105	ZINC	4	136.5	188.1
15568	68105	ZINC	5	165.7	227.4
15569	68105	ZINC	3	238.9	361.6
15577	68105	ZINC	4	451.7	654.0
15578	68105	ZINC	3	143.7	159.2
15581	68105	ZINC	5	180.9	251.3
15587	68105	ZINC	4	140.0	159.0
15590	68105	ZINC	4	164.5	186.4
15591	68105	ZINC	5	151.6	213.7
15602	68105	ZINC	4	136.1	210.3
15604	68105	ZINC	5	249.6	539.7
15605	68105	ZINC	5	180.4	297.7
15607	68105	ZINC	4	96.0	112.6
15608	68105	ZINC	4	236.9	263.5
15609	68105	ZINC	6	155.4	226.3
15611	68105	ZINC	4	250.1	299.8
15612	68105	ZINC	2	117.8	143.2
15613	68105	ZINC	4	374.5	490.4
15620	68105	ZINC	3	124.8	150.5
15621	68105	ZINC	4	161.0	215.3
15622	68105	ZINC	5	484.9	708.3
15623	68105	ZINC	5	254.4	362.4
15627	68105	ZINC	4	201.1	275.9
15629	68105	ZINC	4	232.4	299.8
15633	68105	ZINC	5	236.2	342.8
15636	68105	ZINC	5	51.1	97.0
15638	68105	ZINC	4	279.0	363.0
15640	68105	ZINC	4	119.3	168.2
15644	68105	ZINC	4	228.2	403.7
15645	68105	ZINC	5	141.5	152.4
15651	68105	ZINC	4	200.2	261.0
15657	68105	ZINC	3	130.7	140.2
15659	68105	ZINC	4	448.4	1282.8
15660	68105	ZINC	4	137.3	156.3
15661	68105	ZINC	4	259.4	481.0
15663	68105	ZINC	4	100.5	122.5
15664	68105	ZINC	4	324.8	492.9
15665	68105	ZINC	4	172.6	276.9
15666	68105	ZINC	5	265.3	315.1
15667	68105	ZINC	5	291.0	409.8
15669	68105	ZINC	4	159.0	212.9
15670	68105	ZINC	4	148.4	220.9
15671	68105	ZINC	4	210.6	298.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15673	68105	ZINC	4	74.9	126.5
15678	68105	ZINC	4	291.1	402.1
15681	68105	ZINC	4	119.8	158.5
15682	68105	ZINC	4	169.3	209.1
15684	68105	ZINC	4	179.5	376.4
15686	68105	ZINC	4	240.2	359.0
15691	68105	ZINC	5	254.9	338.1
15693	68105	ZINC	4	279.9	327.3
15694	68105	ZINC	4	216.1	245.9
15695	68105	ZINC	4	173.2	223.0
15697	68105	ZINC	2	415.5	518.7
15698	68105	ZINC	4	108.5	122.9
15701	68105	ZINC	5	88.5	167.7
15705	68105	ZINC	4	189.3	241.8
15709	68105	ZINC	4	282.8	493.3
15712	68105	ZINC	4	278.3	391.7
15715	68105	ZINC	5	172.6	258.8
15717	68105	ZINC	6	192.2	224.3
15718	68105	ZINC	4	253.2	343.4
15723	68105	ZINC	5	208.8	317.0
15728	68105	ZINC	5	238.5	404.8
15729	68105	ZINC	3	248.5	280.1
15732	68105	ZINC	4	190.1	293.0
15733	68105	ZINC	5	279.3	383.4
15736	68105	ZINC	4	172.3	206.7
15741	68105	ZINC	5	137.3	188.9
15744	68105	ZINC	4	134.4	189.3
15745	68105	ZINC	4	117.3	127.4
15746	68105	ZINC	4	173.5	199.5
15749	68105	ZINC	4	199.2	222.4
15753	68105	ZINC	4	152.3	179.0
15754	68105	ZINC	5	180.3	276.7
15756	68105	ZINC	2	824.8	1351.1
15758	68105	ZINC	4	167.7	191.8
15765	68105	ZINC	4	177.2	199.6
15767	68105	ZINC	4	620.9	908.5
15771	68105	ZINC	4	235.5	359.4
15774	68105	ZINC	5	185.8	241.6
15780	68105	ZINC	5	176.1	269.3
15781	68105	ZINC	5	214.8	297.9
15782	68105	ZINC	4	271.0	491.6
15783	68105	ZINC	4	235.0	257.8
15786	68105	ZINC	4	432.6	785.5
15792	68105	ZINC	4	220.2	328.5
15797	68105	ZINC	4	156.1	184.9
15798	68105	ZINC	4	223.3	251.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15801	68105	ZINC	4	201.9	218.8
15802	68105	ZINC	4	247.3	373.8
15804	68105	ZINC	5	213.6	323.1
15805	68105	ZINC	3	241.5	268.8
15808	68105	ZINC	5	136.9	156.5
15810	68105	ZINC	4	190.9	277.2
15811	68105	ZINC	4	204.8	361.9
15815	68105	ZINC	4	499.2	1078.9
15818	68105	ZINC	4	192.9	363.6
15820	68105	ZINC	4	560.9	1208.6
15824	68105	ZINC	4	193.0	388.3
15829	68105	ZINC	4	148.8	166.6
15832	68105	ZINC	5	159.6	255.3
15834	68105	ZINC	4	154.9	170.1
15835	68105	ZINC	4	188.8	249.7
15836	68105	ZINC	4	737.8	2636.1
15838	68105	ZINC	4	185.8	245.5
15840	68105	ZINC	4	197.3	338.7
15842	68105	ZINC	4	129.3	153.1
15843	68105	ZINC	4	123.4	167.5
15846	68105	ZINC	4	218.4	286.1
15848	68105	ZINC	4	368.5	736.8
15849	68105	ZINC	5	121.7	144.0
15856	68105	ZINC	5	292.8	437.8
15860	68105	ZINC	5	168.7	189.6
15864	68105	ZINC	2	641.0	642.5
15867	68105	ZINC	3	116.5	139.6
15868	68105	ZINC	4	264.2	656.0
15871	68105	ZINC	5	203.6	275.0
15872	68105	ZINC	6	113.1	160.2
15879	68105	ZINC	4	224.7	301.7
15882	68105	ZINC	4	141.4	183.2
15884	68105	ZINC	4	110.3	130.0
15886	68105	ZINC	4	219.3	302.8
15891	68105	ZINC	4	199.6	256.0
15894	68105	ZINC	4	188.8	235.7
15896	68105	ZINC	5	168.5	299.2
15897	68105	ZINC	3	247.3	295.5
15898	68105	ZINC	4	204.4	237.1
15900	68105	ZINC	4	384.8	589.0
15901	68105	ZINC	4	120.5	144.5
15904	68105	ZINC	4	205.7	252.6
15905	68105	ZINC	4	278.0	543.7
15908	68105	ZINC	4	180.3	290.9
15911	68105	ZINC	5	232.7	284.7
15914	68105	ZINC	4	207.1	271.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15916	68105	ZINC	5	225.1	299.3
15918	68105	ZINC	5	120.9	158.4
15921	68105	ZINC	4	220.2	297.1
15922	68105	ZINC	4	134.9	156.7
15924	68105	ZINC	4	250.5	339.5
15926	68105	ZINC	4	422.1	772.9
15928	68105	ZINC	4	209.3	291.9
15932	68105	ZINC	4	205.4	319.4
15933	68105	ZINC	4	1252.3	1563.8
15935	68105	ZINC	4	276.3	412.5
15936	68105	ZINC	4	168.0	269.1
15938	68105	ZINC	4	192.7	234.6
15943	68105	ZINC	5	349.9	550.3
15945	68105	ZINC	5	248.4	404.1
15949	68105	ZINC	4	267.4	411.5
15950	68105	ZINC	4	220.4	289.7
15951	68105	ZINC	4	239.7	267.3
15952	68105	ZINC	5	126.8	137.3
15953	68105	ZINC	4	190.6	216.5
15957	68105	ZINC	5	231.9	322.2
15958	68105	ZINC	4	216.1	264.0
15959	68105	ZINC	3	334.7	685.0
15960	68105	ZINC	4	290.1	410.0
15962	68105	ZINC	4	256.9	337.7
15967	68105	ZINC	5	186.2	269.5
15968	68105	ZINC	5	68.4	89.8
15969	68105	ZINC	4	229.5	333.8
15978	68105	ZINC	4	132.3	152.2
15981	68105	ZINC	4	166.9	198.0
15985	68105	ZINC	4	264.2	354.0
15986	68105	ZINC	3	151.6	187.7
15988	68105	ZINC	5	187.5	263.0
15991	68105	ZINC	6	160.1	304.1
15992	68105	ZINC	1	797.1	797.1
15994	68105	ZINC	4	308.1	526.3
16007	68105	ZINC	4	352.1	509.7
16009	68105	ZINC	3	155.5	193.8
16015	68105	ZINC	5	360.3	1191.7
16017	68105	ZINC	3	255.1	351.3
16019	68105	ZINC	5	119.4	146.7
16020	68105	ZINC	4	267.6	382.8
16022	68105	ZINC	4	264.3	391.9
16026	68105	ZINC	4	423.7	752.3
16027	68105	ZINC	4	341.0	715.4
16031	68105	ZINC	4	231.5	417.1
16044	68105	ZINC	5	181.2	212.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16047	68105	ZINC	4	229.2	312.7
16048	68105	ZINC	5	164.2	270.1
16049	68105	ZINC	4	349.4	617.4
16052	68105	ZINC	3	190.0	235.7
16053	68105	ZINC	4	173.2	241.5
16054	68105	ZINC	4	134.0	174.3
16055	68105	ZINC	4	339.1	525.2
16056	68105	ZINC	4	353.2	455.5
16058	68105	ZINC	4	231.6	305.3
16059	68105	ZINC	4	257.0	374.3
16062	68105	ZINC	4	125.5	159.1
16063	68105	ZINC	4	196.0	252.9
16066	68105	ZINC	4	247.5	406.4
16067	68105	ZINC	4	254.9	338.5
16068	68105	ZINC	5	638.9	1037.0
16069	68105	ZINC	3	465.7	721.5
16070	68105	ZINC	4	150.0	201.0
16072	68105	ZINC	4	118.4	132.5
16076	68105	ZINC	4	139.4	153.9
16078	68105	ZINC	4	175.7	241.4
16082	68105	ZINC	3	204.8	323.9
16083	68105	ZINC	5	144.1	174.6
16084	68105	ZINC	4	169.9	248.7
16085	68105	ZINC	4	193.1	362.1
16087	68105	ZINC	4	218.4	278.0
16090	68105	ZINC	4	164.8	213.5
16092	68105	ZINC	3	185.0	267.2
16093	68105	ZINC	4	164.6	203.8
16094	68105	ZINC	2	1212.0	1810.0
16095	68105	ZINC	4	209.1	308.2
16098	68105	ZINC	2	499.8	557.6
16099	68105	ZINC	4	68.3	131.0
16102	68105	ZINC	4	221.3	315.6
16103	68105	ZINC	4	261.5	377.2
16109	68105	ZINC	3	190.0	209.4
16110	68105	ZINC	5	151.1	191.0
16111	68105	ZINC	4	244.9	318.0
16113	68105	ZINC	4	428.4	987.8
16114	68105	ZINC	4	180.8	231.0
16115	68105	ZINC	4	129.2	147.5
16116	68105	ZINC	5	171.3	215.0
16118	68105	ZINC	4	358.8	607.9
16119	68105	ZINC	4	184.7	243.6
16121	68105	ZINC	4	184.3	254.4
16122	68105	ZINC	4	187.2	205.2
16123	68105	ZINC	4	182.0	268.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16124	68105	ZINC	4	199.4	212.6
16127	68105	ZINC	4	143.8	156.8
16136	68105	ZINC	4	197.1	233.9
16142	68105	ZINC	4	351.6	420.2
16144	68105	ZINC	4	151.1	165.0
16146	68105	ZINC	4	281.8	359.8
16149	68105	ZINC	4	160.5	184.8
16151	68105	ZINC	4	50.5	79.6
16152	68105	ZINC	6	210.8	265.8
16154	68105	ZINC	4	113.4	156.4
16155	68105	ZINC	4	158.8	238.4
16158	68105	ZINC	4	134.2	150.2
16159	68105	ZINC	5	198.5	293.6
16161	68105	ZINC	4	322.2	450.9
16166	68105	ZINC	4	132.0	238.7
16168	68105	ZINC	4	284.1	317.7
16169	68105	ZINC	4	228.4	330.9
16171	68105	ZINC	5	196.7	297.6
16172	68105	ZINC	4	173.9	207.7
16173	68105	ZINC	4	113.3	140.6
16178	68105	ZINC	5	259.2	335.5
16179	68105	ZINC	5	170.3	349.5
16181	68105	ZINC	5	186.2	213.8
16182	68105	ZINC	5	226.0	363.2
16183	68105	ZINC	4	215.7	307.3
16185	68105	ZINC	3	209.7	253.8
16186	68105	ZINC	4	324.7	449.3
16188	68105	ZINC	5	441.5	603.6
16189	68105	ZINC	5	148.5	260.4
16193	68105	ZINC	4	260.8	321.7
16196	68105	ZINC	5	104.8	137.0
16206	68105	ZINC	4	150.5	188.3
16210	68105	ZINC	4	86.2	114.8
16211	68105	ZINC	4	285.9	408.5
16216	68105	ZINC	4	227.6	348.3
16221	68105	ZINC	4	139.7	172.2
16223	68105	ZINC	5	167.6	220.8
16228	68105	ZINC	4	189.9	240.0
16229	68105	ZINC	4	175.1	238.2
16230	68105	ZINC	5	268.6	295.5
16231	68105	ZINC	4	258.9	455.8
16232	68105	ZINC	4	201.0	234.3
16233	68105	ZINC	4	560.5	704.7
16234	68105	ZINC	4	305.9	527.4
16235	68105	ZINC	4	411.6	698.8
16236	68105	ZINC	4	237.1	342.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16241	68105	ZINC	5	262.4	365.2
16243	68105	ZINC	4	341.4	520.1
16248	68105	ZINC	4	326.8	618.8
16249	68105	ZINC	4	228.1	244.6
16250	68105	ZINC	4	137.6	167.5
16255	68105	ZINC	4	432.5	633.3
16263	68105	ZINC	4	423.2	713.5
16264	68105	ZINC	4	250.3	444.1
16269	68105	ZINC	4	519.7	706.5
16271	68105	ZINC	4	328.2	404.8
16272	68105	ZINC	4	237.4	413.3
16275	68105	ZINC	4	181.2	272.5
16276	68105	ZINC	5	458.3	705.0
16278	68105	ZINC	4	142.2	192.5
16281	68105	ZINC	4	321.6	506.0
16283	68105	ZINC	4	303.5	374.9
16286	68105	ZINC	4	228.5	256.8
16290	68105	ZINC	4	183.4	222.4
16292	68105	ZINC	4	147.7	241.7
16293	68105	ZINC	4	93.9	147.0
16295	68105	ZINC	4	228.5	247.8
16298	68105	ZINC	5	357.3	545.7
16301	68105	ZINC	4	290.7	334.0
16302	68105	ZINC	5	96.0	121.7
16303	68105	ZINC	3	189.3	210.4
16306	68105	ZINC	4	186.8	245.6
16308	68105	ZINC	4	236.2	282.9
16309	68105	ZINC	4	188.7	244.8
16312	68105	ZINC	5	158.8	216.8
16314	68105	ZINC	5	233.3	318.6
16315	68105	ZINC	4	200.7	272.8
16317	68105	ZINC	5	240.5	318.5
16318	68105	ZINC	4	116.2	224.2
16321	68105	ZINC	4	195.8	329.8
16324	68105	ZINC	5	136.5	292.1
16325	68105	ZINC	5	219.4	271.3
16327	68105	ZINC	4	202.1	288.5
16329	68105	ZINC	4	104.4	160.5
16332	68105	ZINC	5	337.5	459.1
16333	68105	ZINC	4	372.5	672.7
16336	68105	ZINC	4	152.9	181.7
16337	68105	ZINC	3	862.1	2081.7
16342	68105	ZINC	4	141.4	189.0
16343	68105	ZINC	3	237.4	321.9
16345	68105	ZINC	4	252.9	281.8
16346	68105	ZINC	4	172.1	228.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16350	68105	ZINC	4	372.8	777.7
16351	68105	ZINC	5	159.2	228.0
16352	68105	ZINC	4	201.2	373.1
16356	68105	ZINC	4	175.2	238.6
16357	68105	ZINC	4	352.1	755.6
16358	68105	ZINC	4	315.7	498.5
16359	68105	ZINC	3	161.4	176.5
16364	68105	ZINC	4	189.9	234.8
16365	68105	ZINC	4	224.5	344.0
16371	68105	ZINC	4	87.3	114.6
16372	68105	ZINC	4	178.1	209.5
16375	68105	ZINC	5	132.4	171.0
16378	68105	ZINC	4	101.9	115.1
16380	68105	ZINC	4	215.1	239.1
16382	68105	ZINC	4	152.2	173.7
16384	68105	ZINC	5	153.1	164.5
16385	68105	ZINC	5	256.1	324.9
16387	68105	ZINC	4	219.2	288.2
16389	68105	ZINC	4	167.0	247.8
16390	68105	ZINC	4	362.2	386.7
16391	68105	ZINC	4	191.3	268.5
16392	68105	ZINC	4	229.2	346.7
16393	68105	ZINC	5	195.1	268.6
16394	68105	ZINC	3	112.1	131.1
16395	68105	ZINC	4	225.8	262.1
16397	68105	ZINC	4	173.5	253.2
16398	68105	ZINC	4	155.2	206.2
16400	68105	ZINC	5	387.7	591.2
16406	68105	ZINC	5	223.4	306.8
16408	68105	ZINC	5	252.3	389.2
16411	68105	ZINC	4	123.0	151.2
16412	68105	ZINC	4	164.6	207.2
16413	68105	ZINC	4	191.7	258.7
16415	68105	ZINC	5	273.3	465.1
16420	68105	ZINC	5	204.2	327.0
16421	68105	ZINC	4	156.6	188.1
16422	68105	ZINC	4	333.9	460.6
16424	68105	ZINC	4	209.8	359.7
16426	68105	ZINC	4	79.8	137.7
16427	68105	ZINC	4	68.4	97.6
16428	68105	ZINC	4	235.5	288.0
16429	68105	ZINC	4	189.4	217.0
16430	68105	ZINC	4	257.6	445.6
16436	68105	ZINC	4	241.9	312.4
16437	68105	ZINC	4	179.6	217.8
16439	68105	ZINC	4	411.1	664.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16445	68105	ZINC	5	307.9	420.0
16447	68105	ZINC	4	243.4	357.2
16449	68105	ZINC	4	184.6	241.1
16450	68105	ZINC	4	380.2	591.1
16451	68105	ZINC	3	530.2	730.1
16453	68105	ZINC	4	184.8	381.2
16454	68105	ZINC	4	241.1	276.7
16456	68105	ZINC	4	120.0	232.0
16458	68105	ZINC	5	187.6	464.9
16459	68105	ZINC	5	226.9	285.0
16461	68105	ZINC	4	525.7	1507.8
16462	68105	ZINC	4	150.5	166.3
16464	68105	ZINC	5	168.2	222.4
16465	68105	ZINC	4	251.0	346.1
16466	68105	ZINC	6	274.2	741.4
16467	68105	ZINC	4	307.2	895.9
16469	68105	ZINC	4	173.5	285.0
16471	68105	ZINC	5	201.4	305.8
16472	68105	ZINC	3	278.8	369.0
16473	68105	ZINC	4	308.5	438.7
16475	68105	ZINC	5	213.2	317.7
16478	68105	ZINC	4	215.0	358.7
16480	68105	ZINC	4	73.0	147.5
16484	68105	ZINC	5	267.0	323.8
16485	68105	ZINC	4	258.6	329.9
16486	68105	ZINC	4	178.6	292.5
16488	68105	ZINC	4	152.2	181.4
16490	68105	ZINC	4	327.3	601.3
16493	68105	ZINC	4	109.0	120.2
16494	68105	ZINC	4	164.2	173.4
16495	68105	ZINC	4	181.6	401.6
16496	68105	ZINC	4	210.4	276.9
16499	68105	ZINC	5	236.0	363.4
16500	68105	ZINC	4	175.5	245.7
16501	68105	ZINC	4	208.4	268.9
16505	68105	ZINC	3	157.3	187.2
16506	68105	ZINC	4	314.5	391.5
16507	68105	ZINC	4	154.3	170.2
16511	68105	ZINC	4	188.1	225.6
16513	68105	ZINC	4	195.2	246.0
16519	68105	ZINC	5	143.1	176.3
16523	68105	ZINC	4	367.2	813.7
16528	68105	ZINC	4	147.1	219.3
16533	68105	ZINC	3	179.5	213.2
16535	68105	ZINC	3	253.5	320.8
16537	68105	ZINC	4	147.7	166.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16541	68105	ZINC	4	305.7	431.7
16543	68105	ZINC	4	138.0	158.9
16545	68105	ZINC	4	153.2	216.0
16550	68105	ZINC	4	320.1	767.6
16553	68105	ZINC	4	202.6	251.6
16555	68105	ZINC	4	132.8	232.4
16557	68105	ZINC	4	270.2	403.2
16559	68105	ZINC	4	152.4	235.2
16562	68105	ZINC	5	166.6	197.4
16564	68105	ZINC	4	359.1	923.5
16565	68105	ZINC	5	284.2	542.5
16566	68105	ZINC	4	281.5	424.7
16568	68105	ZINC	4	164.3	188.2
16569	68105	ZINC	4	281.2	420.4
16571	68105	ZINC	5	198.2	280.3
16572	68105	ZINC	3	127.9	131.4
16573	68105	ZINC	3	245.7	363.2
16575	68105	ZINC	5	250.6	373.1
16589	68105	ZINC	4	193.7	222.4
16591	68105	ZINC	5	228.4	413.4
16597	68105	ZINC	4	170.8	268.2
16598	68105	ZINC	4	214.4	314.0
16605	68105	ZINC	4	355.1	855.0
16607	68105	ZINC	6	136.5	217.3
16609	68105	ZINC	5	252.2	465.2
16611	68105	ZINC	4	197.0	209.5
16614	68105	ZINC	4	129.6	164.4
16615	68105	ZINC	5	238.2	621.8
16618	68105	ZINC	4	249.0	293.0
16619	68105	ZINC	4	194.8	233.2
16621	68105	ZINC	4	127.1	189.5
16622	68105	ZINC	4	259.9	374.1
16628	68105	ZINC	5	240.7	320.3
16631	68105	ZINC	5	68.0	100.5
16634	68105	ZINC	4	201.2	291.8
16639	68105	ZINC	5	114.5	135.1
16641	68105	ZINC	3	163.5	192.6
16646	68105	ZINC	4	301.8	426.0
16647	68105	ZINC	4	200.9	269.7
16650	68105	ZINC	6	117.1	197.0
16651	68105	ZINC	4	231.5	440.0
16654	68105	ZINC	4	168.4	185.0
16657	68105	ZINC	4	221.9	319.5
16658	68105	ZINC	4	287.4	372.7
16660	68105	ZINC	4	229.8	306.7
16668	68105	ZINC	5	242.9	363.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16669	68105	ZINC	4	338.7	649.2
16671	68105	ZINC	4	161.5	178.2
16675	68105	ZINC	4	534.5	843.2
16678	68105	ZINC	5	149.3	187.3
16679	68105	ZINC	4	246.9	351.8
16680	68105	ZINC	4	251.1	353.7
16681	68105	ZINC	4	207.5	248.7
16684	68105	ZINC	4	158.2	209.6
16688	68105	ZINC	5	107.0	182.0
16691	68105	ZINC	5	152.0	178.5
16692	68105	ZINC	4	148.1	170.0
16694	68105	ZINC	4	179.2	338.0
16696	68105	ZINC	4	143.7	183.8
16697	68105	ZINC	4	212.8	272.4
16698	68105	ZINC	4	220.9	337.0
16700	68105	ZINC	5	113.1	163.6
16703	68105	ZINC	4	150.5	229.6
16704	68105	ZINC	4	184.1	264.0
16706	68105	ZINC	4	133.7	195.3
16707	68105	ZINC	5	230.6	296.2
16708	68105	ZINC	4	237.5	323.7
16710	68105	ZINC	5	249.4	386.6
16715	68105	ZINC	4	172.4	255.5
16721	68105	ZINC	4	183.8	225.4
16722	68105	ZINC	4	278.8	404.1
16723	68105	ZINC	3	127.4	170.0
16725	68105	ZINC	4	149.5	238.0
16727	68105	ZINC	4	234.8	302.1
16728	68105	ZINC	5	253.2	366.9
16729	68105	ZINC	5	156.7	195.4
16731	68105	ZINC	4	305.8	388.3
16736	68105	ZINC	4	137.5	193.2
16737	68105	ZINC	4	124.2	141.7
16738	68105	ZINC	4	211.7	288.4
16739	68105	ZINC	5	172.2	218.5
16740	68105	ZINC	4	133.5	148.9
16742	68105	ZINC	4	441.1	1238.2
16743	68105	ZINC	5	142.6	155.2
16744	68105	ZINC	4	194.4	365.5
16747	68105	ZINC	4	216.6	337.0
16748	68105	ZINC	4	184.9	317.2
16749	68105	ZINC	4	221.3	299.0
16755	68105	ZINC	5	110.8	156.3
16760	68105	ZINC	5	173.0	219.2
16761	68105	ZINC	4	254.1	326.3
16762	68105	ZINC	5	271.5	540.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16763	68105	ZINC	4	283.0	440.3
16765	68105	ZINC	4	260.0	307.3
16772	68105	ZINC	5	188.5	229.7
16773	68105	ZINC	4	224.3	296.2
16775	68105	ZINC	4	225.2	301.4
16777	68105	ZINC	4	184.9	214.2
16779	68105	ZINC	5	221.5	296.4
16781	68105	ZINC	4	125.5	158.6
16791	68105	ZINC	4	279.9	382.4
16792	68105	ZINC	5	293.9	435.3
16793	68105	ZINC	5	216.5	269.5
16794	68105	ZINC	4	140.3	163.8
16802	68105	ZINC	4	275.1	394.5
16803	68105	ZINC	5	162.8	179.2
16806	68105	ZINC	3	249.4	330.9
16807	68105	ZINC	5	92.9	133.4
16808	68105	ZINC	4	127.3	214.4
16810	68105	ZINC	2	264.3	264.8
16812	68105	ZINC	4	220.4	266.1
16815	68105	ZINC	4	201.0	257.2
16816	68105	ZINC	4	167.0	179.0
16817	68105	ZINC	4	188.4	226.1
16818	68105	ZINC	4	239.6	400.8
16820	68105	ZINC	5	101.8	124.2
16827	68105	ZINC	4	226.5	407.7
16830	68105	ZINC	4	278.9	487.0
16831	68105	ZINC	5	253.0	353.0
16840	68105	ZINC	3	233.5	257.1
16842	68105	ZINC	4	152.6	283.8
16843	68105	ZINC	4	177.8	325.8
16844	68105	ZINC	4	188.6	239.3
16851	68105	ZINC	4	193.9	256.0
16858	68105	ZINC	4	301.4	509.9
16859	68105	ZINC	5	198.0	275.4
16861	68105	ZINC	4	249.1	352.4
16865	68105	ZINC	4	84.2	168.8
16866	68105	ZINC	5	190.8	284.7
16867	68105	ZINC	4	343.1	429.2
16869	68105	ZINC	4	163.8	272.9
16876	68105	ZINC	4	141.8	205.8
16877	68105	ZINC	4	277.4	706.9
16880	68105	ZINC	4	418.3	948.3
16881	68105	ZINC	4	148.4	196.6
16882	68105	ZINC	4	187.3	258.2
16884	68105	ZINC	3	245.5	342.0
16888	68105	ZINC	4	162.7	211.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16889	68105	ZINC	5	191.4	409.5
16891	68105	ZINC	2	213.4	234.3
16893	68105	ZINC	4	134.5	152.0
16895	68105	ZINC	3	246.1	300.8
16896	68105	ZINC	4	173.3	351.2
16900	68105	ZINC	4	164.5	200.3
16903	68105	ZINC	4	194.1	213.3
16904	68105	ZINC	3	344.6	360.3
16911	68105	ZINC	4	227.5	288.6
16913	68105	ZINC	4	128.4	184.8
16916	68105	ZINC	3	300.1	579.8
16917	68105	ZINC	4	177.8	238.3
16919	68105	ZINC	4	244.1	430.1
16920	68105	ZINC	4	297.5	382.0
16921	68105	ZINC	4	185.5	207.1
16922	68105	ZINC	4	260.3	340.7
16923	68105	ZINC	4	146.4	172.1
16924	68105	ZINC	4	99.4	117.4
16926	68105	ZINC	5	222.4	267.8
16928	68105	ZINC	4	261.6	395.0
16929	68105	ZINC	4	206.4	226.7
16930	68105	ZINC	4	207.0	239.7
16931	68105	ZINC	5	242.8	398.9
16932	68105	ZINC	4	202.6	257.7
16933	68105	ZINC	5	248.8	417.0
16936	68105	ZINC	4	170.3	275.0
16938	68105	ZINC	5	227.1	289.5
16939	68105	ZINC	5	383.0	626.1
16942	68105	ZINC	4	135.0	189.3
16943	68105	ZINC	2	230.9	300.3
16945	68105	ZINC	3	327.9	503.4
16946	68105	ZINC	5	455.6	831.0
16949	68105	ZINC	4	201.8	245.5
16950	68105	ZINC	4	136.2	179.7
16954	68105	ZINC	5	215.0	389.2
16957	68105	ZINC	4	525.2	799.5
16958	68105	ZINC	4	323.6	598.0
16959	68105	ZINC	4	212.7	277.0
16961	68105	ZINC	4	365.6	442.1
16962	68105	ZINC	4	449.9	506.1
16963	68105	ZINC	4	306.0	460.5
16965	68105	ZINC	4	173.3	281.6
16967	68105	ZINC	4	236.1	274.8
16970	68105	ZINC	4	114.5	180.3
16974	68105	ZINC	4	159.9	196.1
16975	68105	ZINC	5	322.0	467.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16976	68105	ZINC	5	171.0	216.5
16978	68105	ZINC	4	242.5	393.9
16980	68105	ZINC	5	265.0	377.4
16983	68105	ZINC	4	181.8	272.2
16985	68105	ZINC	4	202.5	337.7
16986	68105	ZINC	4	158.2	192.4
16990	68105	ZINC	4	141.0	210.3
16992	68105	ZINC	5	262.0	312.3
16994	68105	ZINC	3	151.0	172.5
16995	68105	ZINC	4	286.0	492.9
16996	68105	ZINC	4	173.2	196.6
16998	68105	ZINC	4	115.6	131.6
17001	68105	ZINC	4	158.3	206.3
17006	68105	ZINC	5	285.8	485.0
17011	68105	ZINC	5	248.3	336.3
17012	68105	ZINC	5	332.7	995.0
17015	68105	ZINC	5	313.1	465.0
17020	68105	ZINC	5	340.0	460.2
17021	68105	ZINC	4	258.4	377.0
17025	68105	ZINC	4	227.1	264.0
17030	68105	ZINC	5	224.5	393.2
17032	68105	ZINC	6	334.3	896.9
17040	68105	ZINC	4	444.8	523.9
17041	68105	ZINC	4	150.5	195.7
17042	68105	ZINC	5	274.4	805.6
17043	68105	ZINC	4	159.8	248.7
17051	68105	ZINC	5	562.6	1713.3
17052	68105	ZINC	4	272.4	466.2
17053	68105	ZINC	4	60.6	89.8
17055	68105	ZINC	4	388.9	484.9
17064	68105	ZINC	4	157.8	180.5
17065	68105	ZINC	4	395.0	566.3
17067	68105	ZINC	4	213.0	283.0
17071	68105	ZINC	5	245.7	282.4
17072	68105	ZINC	5	179.4	241.8
17074	68105	ZINC	4	209.7	330.7
17076	68105	ZINC	4	213.2	337.0
17077	68105	ZINC	5	260.5	303.9
17081	68105	ZINC	4	215.2	227.4
17082	68105	ZINC	4	184.7	194.4
17085	68105	ZINC	5	152.1	192.4
17086	68105	ZINC	5	104.2	127.6
17088	68105	ZINC	4	297.8	616.7
17089	68105	ZINC	4	301.8	648.5
17095	68105	ZINC	5	348.2	541.1
17097	68105	ZINC	5	343.2	679.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17099	68105	ZINC	5	266.8	488.8
17102	68105	ZINC	5	162.1	246.6
17105	68105	ZINC	4	237.2	263.4
17107	68105	ZINC	4	119.8	158.2
17108	68105	ZINC	3	458.1	566.8
17113	68105	ZINC	5	128.3	144.0
17116	68105	ZINC	3	194.7	245.9
17117	68105	ZINC	4	100.8	138.0
17119	68105	ZINC	4	240.3	405.5
17122	68105	ZINC	3	252.6	464.4
17123	68105	ZINC	4	98.3	210.5
17124	68105	ZINC	4	175.2	299.5
17129	68105	ZINC	6	194.2	263.9
17130	68105	ZINC	4	154.5	242.8
17132	68105	ZINC	4	315.4	667.6
17133	68105	ZINC	4	163.4	217.7
17134	68105	ZINC	5	209.8	224.3
17135	68105	ZINC	4	235.5	299.3
17138	68105	ZINC	5	120.7	162.6
17140	68105	ZINC	5	178.5	220.1
17142	68105	ZINC	4	157.1	179.0
17143	68105	ZINC	4	266.4	474.6
17145	68105	ZINC	4	139.4	229.7
17149	68105	ZINC	4	163.0	191.0
17150	68105	ZINC	3	154.8	176.9
17151	68105	ZINC	4	155.9	238.3
17153	68105	ZINC	5	202.4	224.0
17154	68105	ZINC	5	208.8	218.9
17155	68105	ZINC	4	183.8	248.5
17158	68105	ZINC	5	220.9	337.2
17161	68105	ZINC	4	251.7	309.6
17162	68105	ZINC	4	220.3	522.3
17163	68105	ZINC	4	145.6	158.1
17165	68105	ZINC	4	571.2	1354.1
17166	68105	ZINC	4	138.6	186.5
17169	68105	ZINC	3	185.6	313.9
17172	68105	ZINC	4	258.5	309.5
17175	68105	ZINC	4	287.8	342.6
17179	68105	ZINC	5	276.9	492.0
17181	68105	ZINC	3	415.1	620.3
17182	68105	ZINC	5	279.7	379.0
17184	68105	ZINC	4	285.3	379.9
17185	68105	ZINC	4	175.4	218.7
17187	68105	ZINC	4	148.7	192.6
17190	68105	ZINC	3	203.1	222.4
17192	68105	ZINC	4	264.6	329.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17193	68105	ZINC	4	435.0	655.4
17195	68105	ZINC	4	352.1	496.5
17198	68105	ZINC	4	207.7	251.0
17199	68105	ZINC	4	159.1	219.5
17202	68105	ZINC	2	331.2	447.2
17203	68105	ZINC	4	222.5	285.2
17207	68105	ZINC	6	173.7	251.9
17208	68105	ZINC	2	309.1	393.8
17209	68105	ZINC	3	150.6	166.4
17211	68105	ZINC	4	414.4	781.4
17213	68105	ZINC	4	128.4	171.6
17214	68105	ZINC	4	315.6	555.9
17215	68105	ZINC	4	148.5	273.9
17216	68105	ZINC	4	291.3	353.1
17219	68105	ZINC	4	111.6	144.3
17220	68105	ZINC	4	170.7	212.4
17222	68105	ZINC	5	176.4	260.2
17223	68105	ZINC	4	155.5	183.5
17227	68105	ZINC	4	186.8	237.8
17231	68105	ZINC	5	206.7	324.4
17236	68105	ZINC	4	618.5	1424.7
17237	68105	ZINC	4	216.2	276.1
17240	68105	ZINC	5	76.6	101.3
17243	68105	ZINC	4	376.1	518.3
17244	68105	ZINC	5	287.6	335.0
17254	68105	ZINC	4	120.9	128.0
17255	68105	ZINC	5	209.2	262.6
17256	68105	ZINC	4	173.5	199.3
17257	68105	ZINC	4	170.0	238.7
17258	68105	ZINC	4	214.7	324.5
17267	68105	ZINC	4	192.9	232.0
17270	68105	ZINC	4	133.6	188.6
17271	68105	ZINC	4	173.4	281.0
17275	68105	ZINC	3	269.3	322.7
17276	68105	ZINC	5	234.3	344.3
17278	68105	ZINC	4	192.1	237.2
17279	68105	ZINC	4	225.0	293.0
17281	68105	ZINC	4	141.8	160.1
17283	68105	ZINC	5	171.0	195.6
17285	68105	ZINC	5	212.1	283.3
17286	68105	ZINC	5	143.9	185.3
17287	68105	ZINC	5	139.2	244.8
17288	68105	ZINC	4	188.0	245.1
17290	68105	ZINC	4	205.0	285.1
17292	68105	ZINC	4	169.0	214.3
17293	68105	ZINC	5	262.3	445.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17294	68105	ZINC	5	257.7	370.9
17295	68105	ZINC	4	235.9	307.7
17298	68105	ZINC	3	306.2	462.6
17300	68105	ZINC	4	171.8	199.0
17302	68105	ZINC	4	176.2	211.5
17303	68105	ZINC	5	134.9	161.4
17305	68105	ZINC	4	181.9	197.6
17310	68105	ZINC	4	180.8	222.9
17313	68105	ZINC	4	170.0	217.2
17315	68105	ZINC	4	138.7	178.6
17317	68105	ZINC	3	174.6	215.0
17318	68105	ZINC	4	176.3	212.6
17319	68105	ZINC	4	240.3	306.8
17325	68105	ZINC	5	182.1	282.0
17327	68105	ZINC	4	131.2	201.7
17328	68105	ZINC	4	203.3	260.6
17331	68105	ZINC	5	232.1	291.8
17334	68105	ZINC	4	146.7	170.7
17336	68105	ZINC	4	215.4	303.9
17340	68105	ZINC	5	187.5	397.9
17342	68105	ZINC	4	269.3	375.1
17344	68105	ZINC	3	283.4	323.3
17345	68105	ZINC	5	189.6	286.5
17346	68105	ZINC	5	186.4	225.6
17348	68105	ZINC	4	753.5	1830.0
17352	68105	ZINC	4	242.6	365.7
17355	68105	ZINC	4	213.0	263.9
17357	68105	ZINC	5	205.4	388.3
17359	68105	ZINC	4	300.1	523.4
17363	68105	ZINC	4	237.2	329.1
17364	68105	ZINC	4	156.1	202.6
17367	68105	ZINC	4	181.6	197.5
17368	68105	ZINC	4	326.9	557.5
17370	68105	ZINC	4	136.8	288.0
17374	68105	ZINC	4	220.3	262.4
17375	68105	ZINC	4	175.6	211.7
17376	68105	ZINC	4	196.5	297.5
17379	68105	ZINC	5	281.8	431.4
17382	68105	ZINC	4	223.5	305.4
17384	68105	ZINC	5	165.2	197.3
17386	68105	ZINC	4	129.0	162.9
17387	68105	ZINC	4	222.1	262.7
17390	68105	ZINC	4	247.4	329.9
17391	68105	ZINC	5	261.8	369.9
17392	68105	ZINC	4	188.0	239.4
17394	68105	ZINC	6	404.9	871.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17396	68105	ZINC	4	367.4	888.1
17398	68105	ZINC	4	347.3	464.9
17406	68105	ZINC	4	165.0	272.2
17409	68105	ZINC	3	265.6	355.8
17413	68105	ZINC	4	150.4	296.7
17421	68105	ZINC	4	202.1	302.5
17429	68105	ZINC	4	259.7	456.3
17433	68105	ZINC	3	279.3	350.5
17434	68105	ZINC	4	202.4	279.2
17436	68105	ZINC	5	208.0	401.2
17445	68105	ZINC	5	164.9	286.6
17448	68105	ZINC	4	135.3	179.4
17453	68105	ZINC	4	160.5	176.6
17456	68105	ZINC	4	146.1	189.4
17457	68105	ZINC	4	166.3	197.6
17458	68105	ZINC	4	732.3	2000.0
17466	68105	ZINC	4	369.6	523.9
17471	68105	ZINC	4	152.4	184.0
17472	68105	ZINC	5	253.6	374.4
17473	68105	ZINC	4	232.2	338.6
17476	68105	ZINC	4	227.8	307.0
17477	68105	ZINC	4	201.4	478.7
17480	68105	ZINC	4	198.5	336.8
17482	68105	ZINC	4	155.5	209.2
17485	68105	ZINC	5	197.9	284.3
17486	68105	ZINC	4	237.5	371.6
17489	68105	ZINC	4	169.7	236.7
17497	68105	ZINC	5	183.0	207.2
17499	68105	ZINC	5	372.0	490.0
17501	68105	ZINC	4	217.7	244.6
17504	68105	ZINC	4	304.3	427.1
17506	68105	ZINC	4	152.9	201.2
17516	68105	ZINC	4	141.5	158.4
17518	68105	ZINC	4	194.4	241.9
17520	68105	ZINC	4	193.7	329.2
17521	68105	ZINC	4	321.4	404.8
17522	68105	ZINC	4	238.6	294.8
17523	68105	ZINC	4	254.4	377.0
17526	68105	ZINC	5	109.2	133.7
17530	68105	ZINC	4	138.9	183.2
17532	68105	ZINC	4	198.2	239.3
17535	68105	ZINC	4	110.5	143.7
17537	68105	ZINC	4	152.6	177.1
17542	68105	ZINC	4	157.0	201.0
17543	68105	ZINC	4	408.7	504.4
17544	68105	ZINC	4	203.9	232.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17546	68105	ZINC	5	178.3	244.1
17552	68105	ZINC	5	282.8	336.0
17557	68105	ZINC	4	170.2	313.0
17559	68105	ZINC	4	319.7	604.3
17560	68105	ZINC	4	261.1	380.7
17562	68105	ZINC	4	116.0	131.8
17566	68105	ZINC	4	260.2	434.7
17571	68105	ZINC	4	226.7	286.7
17572	68105	ZINC	5	120.1	186.4
17573	68105	ZINC	4	288.0	576.2
17574	68105	ZINC	4	152.9	178.1
17578	68105	ZINC	4	172.6	248.9
17583	68105	ZINC	4	323.6	655.4
17584	68105	ZINC	3	140.6	174.0
17588	68105	ZINC	3	271.6	321.9
17590	68105	ZINC	4	152.1	170.7
17591	68105	ZINC	4	273.3	320.0
17594	68105	ZINC	4	122.3	221.5
17598	68105	ZINC	4	165.2	253.3
17604	68105	ZINC	5	222.2	511.9
17605	68105	ZINC	4	188.0	240.7
17608	68105	ZINC	4	179.0	194.0
17609	68105	ZINC	2	111.2	140.5
17610	68105	ZINC	4	125.9	141.8
17612	68105	ZINC	2	101.5	108.6
17613	68105	ZINC	5	298.5	438.8
17615	68105	ZINC	3	752.8	1752.2
17616	68105	ZINC	5	345.4	578.0
17618	68105	ZINC	1	274.9	274.9
17619	68105	ZINC	5	342.7	444.1
17624	68105	ZINC	3	229.6	297.4
17625	68105	ZINC	4	449.1	1008.8
17627	68105	ZINC	4	130.7	160.5
17629	68105	ZINC	4	164.6	181.7
17632	68105	ZINC	4	279.5	436.9
17634	68105	ZINC	6	138.9	169.1
17636	68105	ZINC	4	166.7	231.0
17638	68105	ZINC	4	783.3	2413.0
17640	68105	ZINC	4	239.2	412.1
17644	68105	ZINC	4	345.4	536.5
17649	68105	ZINC	4	212.8	283.5
17651	68105	ZINC	4	232.7	317.9
17653	68105	ZINC	5	85.2	115.2
17667	68105	ZINC	4	261.3	440.5
17668	68105	ZINC	4	268.7	298.6
17669	68105	ZINC	4	389.6	948.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17673	68105	ZINC	2	250.4	270.4
17675	68105	ZINC	4	138.6	198.5
17678	68105	ZINC	4	119.0	198.3
17680	68105	ZINC	4	174.6	238.2
17681	68105	ZINC	5	148.1	173.5
17684	68105	ZINC	4	180.2	319.5
17685	68105	ZINC	4	138.2	180.7
17686	68105	ZINC	4	162.6	208.9
17687	68105	ZINC	4	185.2	262.1
17688	68105	ZINC	4	296.7	392.5
17690	68105	ZINC	4	123.9	225.1
17692	68105	ZINC	4	208.5	310.7
17694	68105	ZINC	4	100.9	109.3
17695	68105	ZINC	5	305.1	569.6
17697	68105	ZINC	4	198.7	422.7
17702	68105	ZINC	4	136.9	182.5
17704	68105	ZINC	5	226.4	319.4
17706	68105	ZINC	4	250.5	416.4
17709	68105	ZINC	4	130.7	171.9
17712	68105	ZINC	4	275.2	371.0
17713	68105	ZINC	4	149.3	177.7
17717	68105	ZINC	4	214.4	245.1
17719	68105	ZINC	4	295.3	479.4
17720	68105	ZINC	4	294.0	733.2
17722	68105	ZINC	4	467.8	586.5
17723	68105	ZINC	5	191.6	309.2
17724	68105	ZINC	6	201.2	365.5
17725	68105	ZINC	5	252.0	330.3
17727	68105	ZINC	3	369.2	588.3
17728	68105	ZINC	2	218.1	242.7
17731	68105	ZINC	4	151.7	236.5
17733	68105	ZINC	4	160.7	233.2
17735	68105	ZINC	3	197.9	222.0
17736	68105	ZINC	3	139.5	174.3
17737	68105	ZINC	5	227.3	268.8
17738	68105	ZINC	4	283.1	502.1
17739	68105	ZINC	4	161.2	271.1
17741	68105	ZINC	4	165.3	184.4
17745	68105	ZINC	4	281.2	324.7
17746	68105	ZINC	4	172.6	200.7
17748	68105	ZINC	4	167.6	187.4
17749	68105	ZINC	4	166.5	215.3
17752	68105	ZINC	4	146.2	221.9
17753	68105	ZINC	4	188.7	370.9
17756	68105	ZINC	4	246.9	420.2
17757	68105	ZINC	4	93.7	126.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17762	68105	ZINC	4	93.7	115.5
17763	68105	ZINC	5	187.8	276.1
17765	68105	ZINC	4	396.1	682.7
17767	68105	ZINC	5	194.5	266.7
17768	68105	ZINC	4	100.0	120.5
17769	68105	ZINC	4	274.2	304.8
17770	68105	ZINC	4	217.2	268.5
17777	68105	ZINC	4	157.9	194.6
17780	68105	ZINC	4	112.7	131.3
17781	68105	ZINC	5	151.0	206.6
17783	68105	ZINC	4	229.1	329.8
17786	68105	ZINC	4	173.2	316.9
17794	68105	ZINC	4	154.1	194.1
17795	68105	ZINC	4	194.7	232.0
17796	68105	ZINC	4	169.5	218.4
17798	68105	ZINC	3	212.5	284.8
17802	68105	ZINC	4	129.1	162.6
17803	68105	ZINC	3	168.7	213.9
17806	68105	ZINC	5	319.8	643.6
17812	68105	ZINC	4	229.7	288.5
17814	68105	ZINC	4	130.8	173.2
17820	68105	ZINC	4	170.9	200.8
17821	68105	ZINC	4	161.2	241.9
17822	68105	ZINC	5	366.0	654.5
17824	68105	ZINC	5	119.0	140.1
17825	68105	ZINC	5	103.6	140.0
17826	68105	ZINC	4	165.0	193.1
17827	68105	ZINC	4	131.8	150.5
17831	68105	ZINC	4	195.1	274.9
17839	68105	ZINC	4	188.2	226.3
17841	68105	ZINC	5	241.9	351.5
17842	68105	ZINC	4	202.7	227.4
17844	68105	ZINC	3	189.6	249.1
17847	68105	ZINC	4	97.0	118.3
17850	68105	ZINC	3	175.2	197.1
17853	68105	ZINC	4	118.5	205.2
17854	68105	ZINC	4	164.5	259.3
17855	68105	ZINC	4	334.0	444.8
17860	68105	ZINC	6	157.9	377.6
17866	68105	ZINC	4	120.1	142.1
17869	68105	ZINC	5	242.0	392.2
17871	68105	ZINC	4	216.6	300.0
17873	68105	ZINC	4	205.5	271.1
17875	68105	ZINC	4	132.8	183.8
17876	68105	ZINC	4	122.0	136.0
17877	68105	ZINC	4	190.6	230.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17880	68105	ZINC	4	147.1	191.9
17883	68105	ZINC	4	216.4	371.0
17885	68105	ZINC	4	468.2	1110.8
17887	68105	ZINC	4	190.2	259.5
17888	68105	ZINC	4	224.1	325.8
17890	68105	ZINC	4	136.0	149.0
17892	68105	ZINC	4	196.5	299.0
17894	68105	ZINC	4	228.5	370.5
17897	68105	ZINC	4	225.0	263.4
17898	68105	ZINC	5	287.3	498.1
17899	68105	ZINC	5	210.9	275.0
17900	68105	ZINC	4	189.9	228.4
17901	68105	ZINC	4	131.9	152.8
17903	68105	ZINC	4	277.8	469.8
17905	68105	ZINC	4	272.4	390.0
17906	68105	ZINC	4	263.7	429.6
17907	68105	ZINC	4	70.5	108.3
17917	68105	ZINC	4	314.5	486.2
17918	68105	ZINC	3	200.7	213.0
17921	68105	ZINC	4	176.8	218.2
17923	68105	ZINC	4	246.7	399.0
17926	68105	ZINC	4	235.2	277.4
17927	68105	ZINC	4	217.6	391.3
17928	68105	ZINC	4	205.2	302.5
17930	68105	ZINC	5	242.8	344.0
17932	68105	ZINC	4	152.6	184.3
17933	68105	ZINC	4	298.8	346.0
17934	68105	ZINC	4	224.4	287.0
17935	68105	ZINC	4	223.2	359.0
17937	68105	ZINC	4	139.3	160.6
17938	68105	ZINC	4	267.5	458.5
17942	68105	ZINC	4	145.8	246.0
17943	68105	ZINC	4	222.1	313.2
17944	68105	ZINC	4	170.9	185.5
17948	68105	ZINC	4	170.7	202.7
17950	68105	ZINC	4	172.4	201.6
17951	68105	ZINC	5	109.6	152.1
17954	68105	ZINC	4	453.2	1085.9
17955	68105	ZINC	4	204.2	318.1
17957	68105	ZINC	3	302.9	376.8
17959	68105	ZINC	4	221.5	307.2
17960	68105	ZINC	4	121.9	167.8
17961	68105	ZINC	4	168.1	178.8
17962	68105	ZINC	4	210.3	290.7
17964	68105	ZINC	4	157.6	185.9
17966	68105	ZINC	4	278.3	443.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17970	68105	ZINC	5	153.0	181.8
17973	68105	ZINC	5	174.3	265.3
17974	68105	ZINC	4	180.3	276.4
17976	68105	ZINC	4	199.0	270.5
17977	68105	ZINC	4	352.4	536.7
17978	68105	ZINC	5	122.1	168.0
17979	68105	ZINC	4	391.3	806.0
17982	68105	ZINC	4	211.8	237.1
17983	68105	ZINC	4	239.1	330.8
17984	68105	ZINC	4	167.4	233.1
17986	68105	ZINC	4	104.2	122.4
17988	68105	ZINC	4	414.9	1014.2
17991	68105	ZINC	4	190.5	230.0
17994	68105	ZINC	4	202.3	309.5
17995	68105	ZINC	4	148.3	173.4
17998	68105	ZINC	4	440.6	1137.5
17999	68105	ZINC	4	186.8	240.5
18000	68105	ZINC	4	227.8	512.0
18001	68105	ZINC	2	151.3	155.9
18002	68105	ZINC	5	65.2	106.6
18003	68105	ZINC	4	114.0	160.9
18005	68105	ZINC	4	189.4	240.8
18007	68105	ZINC	4	134.4	144.8
18012	68105	ZINC	4	202.6	249.4
18014	68105	ZINC	4	144.2	167.7
18017	68105	ZINC	4	157.7	182.3
18020	68105	ZINC	4	148.0	156.3
18021	68105	ZINC	4	185.2	268.5
18023	68105	ZINC	4	236.4	284.3
18029	68105	ZINC	6	167.5	240.0
18030	68105	ZINC	4	133.5	162.4
18031	68105	ZINC	4	323.8	610.0
18033	68105	ZINC	5	306.3	424.9
18034	68105	ZINC	4	88.9	110.0
18035	68105	ZINC	4	147.5	203.9
18036	68105	ZINC	5	121.9	147.0
18039	68105	ZINC	3	173.1	189.4
18044	68105	ZINC	5	285.0	391.5
18049	68105	ZINC	4	129.2	138.6
18051	68105	ZINC	4	250.8	330.9
18052	68105	ZINC	4	92.0	103.5
18055	68105	ZINC	4	171.5	241.0
18056	68105	ZINC	4	232.2	261.7
18058	68105	ZINC	4	205.2	318.4
18059	68105	ZINC	4	138.6	238.2
18060	68105	ZINC	5	290.9	651.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18062	68105	ZINC	5	127.4	166.6
18064	68105	ZINC	5	144.9	188.5
18068	68105	ZINC	3	205.5	306.3
18078	68105	ZINC	5	106.8	154.9
18083	68105	ZINC	4	164.6	180.0
18085	68105	ZINC	5	156.3	187.7
18086	68105	ZINC	4	131.3	191.5
18088	68105	ZINC	5	247.7	365.5
18092	68105	ZINC	4	159.9	226.1
18099	68105	ZINC	4	133.0	177.0
18101	68105	ZINC	4	178.9	224.9
18104	68105	ZINC	4	83.1	119.5
18105	68105	ZINC	6	105.9	167.2
18110	68105	ZINC	4	185.5	216.2
18114	68105	ZINC	4	209.8	459.2
18118	68105	ZINC	5	200.7	280.7
18120	68105	ZINC	5	172.6	234.0
18121	68105	ZINC	4	170.5	202.4
18122	68105	ZINC	4	118.2	153.9
18128	68105	ZINC	4	235.6	359.7
18133	68105	ZINC	5	129.8	137.9
18134	68105	ZINC	4	93.3	117.4
18138	68105	ZINC	4	203.5	281.9
18145	68105	ZINC	4	251.2	357.5
18147	68105	ZINC	4	256.5	344.1
18151	68105	ZINC	4	223.3	315.7
18153	68105	ZINC	3	184.2	209.5
18155	68105	ZINC	4	252.5	352.2
18157	68105	ZINC	4	163.6	195.9
18158	68105	ZINC	3	294.4	363.1
18161	68105	ZINC	5	418.2	592.0
18162	68105	ZINC	4	152.4	190.2
18164	68105	ZINC	4	176.9	197.9
18167	68105	ZINC	4	200.6	278.4
18169	68105	ZINC	4	134.8	140.8
18171	68105	ZINC	4	162.8	191.0
18173	68105	ZINC	4	222.7	368.6
18174	68105	ZINC	5	186.3	247.4
18177	68105	ZINC	3	151.9	201.1
18182	68105	ZINC	4	143.5	188.1
18183	68105	ZINC	5	198.8	249.8
18186	68105	ZINC	5	212.7	328.7
18187	68105	ZINC	4	164.9	239.5
18189	68105	ZINC	4	373.5	507.8
18192	68105	ZINC	4	290.9	398.6
18197	68105	ZINC	5	290.0	601.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18200	68105	ZINC	4	193.2	225.9
18207	68105	ZINC	4	216.1	334.3
18224	68105	ZINC	4	253.2	437.6
18227	68105	ZINC	4	120.8	138.7
18229	68105	ZINC	4	228.8	321.3
18247	68105	ZINC	4	155.9	167.3
18262	68105	ZINC	4	379.3	839.2
18267	68105	ZINC	4	476.2	549.0
18269	68105	ZINC	4	221.6	449.9
18270	68105	ZINC	4	170.4	177.3
18273	68105	ZINC	4	137.5	198.8
18279	68105	ZINC	4	171.8	245.1
18281	68105	ZINC	4	225.3	385.0
18284	68105	ZINC	4	113.4	145.3
18285	68105	ZINC	4	157.2	255.9
18287	68105	ZINC	5	308.8	384.8
18290	68105	ZINC	4	130.1	189.4
18291	68105	ZINC	4	148.1	203.6
18293	68105	ZINC	2	229.2	255.2
18295	68105	ZINC	3	190.1	228.8
18298	68105	ZINC	2	103.5	168.3
18302	68105	ZINC	4	226.6	322.9
18303	68105	ZINC	4	186.1	225.0
18304	68105	ZINC	4	190.3	362.6
18306	68105	ZINC	5	166.4	205.0
18311	68105	ZINC	5	257.5	413.8
18312	68105	ZINC	4	260.1	303.4
18320	68105	ZINC	4	300.7	430.6
18321	68105	ZINC	4	162.7	204.5
18323	68105	ZINC	3	298.3	411.0
18332	68105	ZINC	3	212.0	234.8
18333	68105	ZINC	3	193.9	228.1
18334	68105	ZINC	4	207.9	283.1
18336	68105	ZINC	5	244.0	346.0
18337	68105	ZINC	4	312.0	344.1
18338	68105	ZINC	4	153.8	175.6
18342	68105	ZINC	4	262.1	402.2
18346	68105	ZINC	4	418.0	648.6
18349	68105	ZINC	6	149.8	191.1
18351	68105	ZINC	4	172.4	192.1
18354	68105	ZINC	4	191.9	266.1
18355	68105	ZINC	4	247.7	555.2
18356	68105	ZINC	4	119.2	132.8
18358	68105	ZINC	5	226.5	332.4
18359	68105	ZINC	5	268.2	470.4
18368	68105	ZINC	4	296.2	439.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18369	68105	ZINC	4	229.5	320.2
18370	68105	ZINC	4	242.8	359.5
18376	68105	ZINC	4	139.5	150.0
18378	68105	ZINC	4	201.0	247.9
18383	68105	ZINC	3	254.7	412.3
18387	68105	ZINC	5	315.8	792.0
18389	68105	ZINC	3	195.3	251.2
18393	68105	ZINC	5	172.5	252.1
18395	68105	ZINC	4	247.4	280.1
18396	68105	ZINC	4	173.3	307.9
18398	68105	ZINC	5	184.6	201.6
18401	68105	ZINC	4	197.6	250.5
18406	68105	ZINC	4	178.0	202.2
18408	68105	ZINC	4	108.8	117.7
18411	68105	ZINC	4	181.5	200.0
18412	68105	ZINC	4	226.6	340.1
18413	68105	ZINC	4	193.5	236.6
18419	68105	ZINC	5	150.1	168.5
18421	68105	ZINC	4	143.0	184.2
18425	68105	ZINC	4	193.9	385.2
18427	68105	ZINC	4	239.5	381.2
18429	68105	ZINC	3	250.8	336.8
18434	68105	ZINC	4	197.0	249.1
18442	68105	ZINC	4	218.3	329.0
18444	68105	ZINC	3	268.1	454.3
18445	68105	ZINC	5	240.2	368.7
18452	68105	ZINC	4	248.9	312.4
18453	68105	ZINC	5	254.5	331.0
18459	68105	ZINC	4	224.8	287.3
18462	68105	ZINC	5	223.5	341.0
18464	68105	ZINC	4	196.4	240.8
18465	68105	ZINC	5	169.6	350.9
18466	68105	ZINC	4	164.2	253.9
18469	68105	ZINC	4	229.2	411.0
18470	68105	ZINC	5	335.7	517.5
18472	68105	ZINC	5	144.1	230.2
18481	68105	ZINC	4	252.6	395.0
18482	68105	ZINC	5	238.8	311.7
18485	68105	ZINC	3	239.9	325.4
18490	68105	ZINC	4	195.9	221.5
18493	68105	ZINC	4	237.1	363.0
18495	68105	ZINC	4	273.5	353.1
18499	68105	ZINC	4	155.2	175.5
18500	68105	ZINC	5	180.0	252.9
18505	68105	ZINC	3	146.0	164.6
18508	68105	ZINC	4	231.2	350.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18511	68105	ZINC	3	281.4	387.0
18514	68105	ZINC	4	158.7	177.9
18516	68105	ZINC	5	206.0	256.2
18517	68105	ZINC	4	203.4	410.8
18529	68105	ZINC	4	224.4	386.3
18531	68105	ZINC	4	96.0	137.5
18538	68105	ZINC	3	236.0	299.9
18544	68105	ZINC	5	180.3	252.3
18550	68105	ZINC	4	252.3	396.5
18558	68105	ZINC	4	166.8	239.1
18559	68105	ZINC	5	407.7	1051.2
18561	68105	ZINC	4	185.7	284.0
18564	68105	ZINC	4	226.8	291.1
18573	68105	ZINC	5	241.5	345.0
18580	68105	ZINC	4	591.2	1603.1
18581	68105	ZINC	4	242.2	343.3
18583	68105	ZINC	4	288.8	477.7
18586	68105	ZINC	3	222.4	257.1
18590	68105	ZINC	4	234.6	359.2
18591	68105	ZINC	5	234.1	318.3
18592	68105	ZINC	4	167.3	199.2
18593	68105	ZINC	4	268.0	369.0
18596	68105	ZINC	4	213.0	287.7
18598	68105	ZINC	4	334.7	558.0
18600	68105	ZINC	4	253.1	352.3
18602	68105	ZINC	4	224.7	420.2
18604	68105	ZINC	4	193.5	223.2
18606	68105	ZINC	4	293.7	338.1
18607	68105	ZINC	4	103.7	111.1
18610	68105	ZINC	4	169.1	209.1
18612	68105	ZINC	4	189.4	226.8
18613	68105	ZINC	4	214.6	366.4
18615	68105	ZINC	5	193.0	228.8
18616	68105	ZINC	5	101.6	123.2
18618	68105	ZINC	4	299.2	499.3
18620	68105	ZINC	4	180.3	214.9
18621	68105	ZINC	5	458.8	678.8
18623	68105	ZINC	4	143.5	181.9
18624	68105	ZINC	4	168.5	273.0
18628	68105	ZINC	3	160.8	180.6
18640	68105	ZINC	4	284.3	522.1
18641	68105	ZINC	4	181.0	218.6
18643	68105	ZINC	4	211.0	286.1
18645	68105	ZINC	4	307.6	452.2
18646	68105	ZINC	4	165.4	227.0
18654	68105	ZINC	4	339.2	791.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18655	68105	ZINC	4	204.7	227.6
18657	68105	ZINC	5	147.8	209.8
18659	68105	ZINC	5	269.6	727.4
18661	68105	ZINC	4	135.2	212.6
18663	68105	ZINC	4	317.1	453.7
18667	68105	ZINC	4	252.4	550.5
18669	68105	ZINC	4	113.7	171.4
18671	68105	ZINC	4	212.8	296.7
18673	68105	ZINC	4	196.2	264.1
18676	68105	ZINC	4	260.2	469.9
18684	68105	ZINC	5	247.0	861.0
18685	68105	ZINC	5	142.1	168.8
18686	68105	ZINC	5	156.0	347.2
18688	68105	ZINC	4	199.5	346.4
18689	68105	ZINC	4	240.7	400.7
18690	68105	ZINC	4	92.6	148.7
18693	68105	ZINC	4	172.6	294.0
18714	68105	ZINC	4	265.7	410.9
18728	68105	ZINC	4	328.3	484.7
18730	68105	ZINC	4	316.1	638.3
18735	68105	ZINC	5	386.3	661.7
18736	68105	ZINC	4	334.2	540.3
18737	68105	ZINC	4	149.2	190.9
18740	68105	ZINC	5	213.5	343.4
18741	68105	ZINC	4	489.3	539.4
18743	68105	ZINC	3	199.0	272.4
18745	68105	ZINC	4	296.5	343.7
18747	68105	ZINC	3	203.5	242.7
18750	68105	ZINC	5	233.4	279.7
18755	68105	ZINC	2	232.8	272.4
18757	68105	ZINC	4	176.5	209.9
18765	68105	ZINC	4	184.8	203.7
18770	68105	ZINC	4	341.0	782.3
18773	68105	ZINC	4	128.6	205.7
18777	68105	ZINC	4	153.5	177.1
18778	68105	ZINC	4	193.2	233.1
18782	68105	ZINC	5	159.2	272.8
18785	68105	ZINC	4	841.5	1703.0
18787	68105	ZINC	4	171.6	215.0
18789	68105	ZINC	4	276.0	545.1
18797	68105	ZINC	3	195.6	358.1
18801	68105	ZINC	4	229.3	275.8
18804	68105	ZINC	4	143.3	281.8
18806	68105	ZINC	5	193.7	377.4
18810	68105	ZINC	4	163.9	190.8
18812	68105	ZINC	4	179.8	203.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18813	68105	ZINC	4	334.4	445.2
18817	68105	ZINC	4	157.6	223.0
18820	68105	ZINC	4	144.9	174.3
18823	68105	ZINC	4	347.6	581.6
18824	68105	ZINC	4	167.6	246.5
18825	68105	ZINC	4	346.2	440.6
18827	68105	ZINC	3	294.9	325.9
18828	68105	ZINC	4	194.9	291.8
18831	68105	ZINC	4	426.1	787.7
18835	68105	ZINC	4	211.9	349.3
18839	68105	ZINC	4	317.7	444.0
18850	68105	ZINC	4	283.5	378.8
18853	68105	ZINC	4	202.0	347.3
18856	68105	ZINC	4	446.3	885.2
18857	68105	ZINC	2	167.0	168.7
18861	68105	ZINC	4	204.4	390.3
18863	68105	ZINC	4	131.8	148.2
18866	68105	ZINC	4	147.4	172.6
18868	68105	ZINC	4	163.0	227.7
18869	68105	ZINC	4	176.0	198.3
18871	68105	ZINC	3	334.9	414.1
18874	68105	ZINC	4	200.0	241.4
18877	68105	ZINC	5	204.7	228.6
18881	68105	ZINC	4	177.5	204.3
18882	68105	ZINC	5	306.8	535.0
18883	68105	ZINC	4	959.1	1402.2
18884	68105	ZINC	4	158.0	224.5
18888	68105	ZINC	4	160.3	177.9
18891	68105	ZINC	3	161.1	251.8
18894	68105	ZINC	3	224.9	259.5
18897	68105	ZINC	3	140.8	209.8
18898	68105	ZINC	5	165.1	229.2
18900	68105	ZINC	3	121.8	175.4
18901	68105	ZINC	5	187.2	245.5
18904	68105	ZINC	5	158.6	230.8
18906	68105	ZINC	4	165.3	214.4
18908	68105	ZINC	4	231.6	374.3
18909	68105	ZINC	4	226.1	454.7
18910	68105	ZINC	4	163.6	187.7
18912	68105	ZINC	4	712.0	2075.7
18913	68105	ZINC	5	230.4	532.2
18915	68105	ZINC	4	292.3	422.4
18916	68105	ZINC	4	141.4	202.1
18917	68105	ZINC	4	187.9	274.2
18918	68105	ZINC	4	108.6	132.8
18919	68105	ZINC	4	197.5	290.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18920	68105	ZINC	3	171.6	209.0
18921	68105	ZINC	4	179.4	199.8
18925	68105	ZINC	4	181.2	424.1
18927	68105	ZINC	4	203.7	312.0
18928	68105	ZINC	4	171.3	200.7
18929	68105	ZINC	5	176.7	262.7
18930	68105	ZINC	4	228.0	272.5
18931	68105	ZINC	3	137.4	189.9
18934	68105	ZINC	4	1005.4	3307.3
18935	68105	ZINC	4	184.5	228.7
18948	68105	ZINC	4	129.5	167.3
18949	68105	ZINC	4	227.6	351.0
18954	68105	ZINC	4	299.1	390.6
18963	68105	ZINC	4	384.3	887.2
18964	68105	ZINC	5	259.5	382.3
18966	68105	ZINC	4	158.5	265.9
18969	68105	ZINC	4	211.1	315.9
18980	68105	ZINC	4	464.4	681.5
18983	68105	ZINC	4	207.3	250.3
18993	68105	ZINC	5	248.4	484.0
18996	68105	ZINC	4	127.2	148.8
18997	68105	ZINC	4	245.1	412.3
18999	68105	ZINC	4	237.2	415.8
19000	68105	ZINC	5	186.2	299.3
19004	68105	ZINC	4	104.8	122.4
19009	68105	ZINC	5	133.0	155.6
19014	68105	ZINC	4	99.2	143.6
19015	68105	ZINC	4	347.4	463.0
19016	68105	ZINC	4	259.9	577.1
19024	68105	ZINC	4	302.5	409.0
19025	68105	ZINC	4	262.6	352.6
19028	68105	ZINC	5	219.8	299.8
19031	68105	ZINC	4	189.0	290.9
19034	68105	ZINC	3	77.8	110.5
19035	68105	ZINC	4	166.8	204.1
19037	68105	ZINC	3	370.8	616.4
19039	68105	ZINC	4	150.4	187.6
19042	68105	ZINC	5	154.9	168.2
19046	68105	ZINC	5	217.6	383.0
19047	68105	ZINC	4	157.9	182.2
19049	68105	ZINC	4	304.8	368.0
19052	68105	ZINC	4	164.9	231.0
19053	68105	ZINC	5	205.4	251.0
19055	68105	ZINC	4	163.1	228.3
19057	68105	ZINC	4	199.2	294.6
19060	68105	ZINC	4	137.1	191.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19062	68105	ZINC	4	282.6	477.0
19068	68105	ZINC	4	164.0	227.0
19075	68105	ZINC	3	212.3	326.7
19080	68105	ZINC	6	417.5	1246.9
19081	68105	ZINC	5	187.6	383.2
19083	68105	ZINC	4	146.7	208.1
19101	68105	ZINC	4	198.4	242.8
19102	68105	ZINC	4	326.2	498.0
19106	68105	ZINC	4	203.3	391.1
19107	68105	ZINC	6	284.0	459.7
19108	68105	ZINC	4	167.2	199.2
19109	68105	ZINC	4	159.3	186.1
19110	68105	ZINC	4	140.3	177.9
19112	68105	ZINC	2	140.7	157.5
19113	68105	ZINC	5	116.2	128.2
19114	68105	ZINC	4	420.6	482.0
19118	68105	ZINC	4	79.8	92.9
19124	68105	ZINC	3	163.5	241.5
19127	68105	ZINC	5	154.1	245.0
19128	68105	ZINC	4	149.6	189.4
19129	68105	ZINC	5	155.6	172.6
19131	68105	ZINC	4	154.8	186.4
19134	68105	ZINC	4	192.2	229.7
19137	68105	ZINC	3	133.8	157.4
19142	68105	ZINC	6	143.7	234.3
19143	68105	ZINC	5	115.4	177.7
19145	68105	ZINC	5	249.0	361.7
19146	68105	ZINC	2	136.8	151.5
19147	68105	ZINC	4	165.9	200.7
19148	68105	ZINC	4	261.7	332.3
19149	68105	ZINC	4	115.3	139.0
19152	68105	ZINC	5	211.0	285.1
19160	68105	ZINC	4	402.4	537.4
19163	68105	ZINC	4	287.1	430.2
19165	68105	ZINC	4	440.4	670.8
19168	68105	ZINC	4	155.3	170.7
19169	68105	ZINC	2	200.5	236.0
19172	68105	ZINC	3	186.9	247.4
19174	68105	ZINC	5	204.0	232.9
19176	68105	ZINC	3	190.2	208.3
19177	68105	ZINC	3	228.1	258.3
19178	68105	ZINC	5	216.5	277.2
19180	68105	ZINC	4	225.0	266.9
19181	68105	ZINC	5	237.3	315.3
19184	68105	ZINC	4	141.9	194.8
19186	68105	ZINC	5	397.0	736.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19189	68105	ZINC	4	197.1	222.9
19202	68105	ZINC	4	308.3	386.9
19204	68105	ZINC	3	278.5	355.5
19217	68105	ZINC	4	258.0	343.8
19219	68105	ZINC	3	186.7	226.2
19220	68105	ZINC	4	211.3	279.3
19222	68105	ZINC	4	212.2	291.2
19225	68105	ZINC	4	657.4	2024.7
19226	68105	ZINC	4	231.5	290.9
19227	68105	ZINC	4	208.3	311.2
19228	68105	ZINC	4	195.3	254.8
19229	68105	ZINC	4	248.9	352.5
19233	68105	ZINC	5	165.4	316.9
19234	68105	ZINC	4	136.9	231.8
19237	68105	ZINC	4	290.0	676.5
19240	68105	ZINC	4	170.5	197.4
19248	68105	ZINC	3	212.2	279.6
19259	68105	ZINC	4	101.8	150.1
19261	68105	ZINC	4	220.5	297.2
19266	68105	ZINC	4	141.0	173.3
19267	68105	ZINC	3	288.0	384.3
19271	68105	ZINC	4	122.8	150.2
19275	68105	ZINC	4	314.0	365.6
19284	68105	ZINC	4	218.1	293.3
19288	68105	ZINC	4	278.3	512.5
19291	68105	ZINC	4	263.4	326.4
19295	68105	ZINC	4	167.4	240.2
19296	68105	ZINC	5	134.8	169.7
19297	68105	ZINC	4	407.7	571.9
19298	68105	ZINC	4	181.4	237.5
19300	68105	ZINC	4	203.6	308.8
19305	68105	ZINC	4	195.1	258.3
19307	68105	ZINC	3	418.5	533.1
19309	68105	ZINC	5	243.4	305.5
19310	68105	ZINC	4	467.6	811.3
19311	68105	ZINC	4	188.2	251.4
19316	68105	ZINC	4	333.0	448.4
19317	68105	ZINC	5	198.2	461.2
19320	68105	ZINC	4	303.3	405.2
19321	68105	ZINC	4	265.3	327.5
19322	68105	ZINC	4	216.4	230.1
19323	68105	ZINC	4	154.5	202.3
19325	68105	ZINC	4	445.6	598.3
19326	68105	ZINC	4	185.0	209.0
19327	68105	ZINC	4	256.1	387.5
19328	68105	ZINC	4	138.2	183.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19332	68105	ZINC	3	139.3	145.8
19333	68105	ZINC	5	168.5	197.9
19334	68105	ZINC	4	280.5	445.0
19336	68105	ZINC	5	308.5	531.7
19337	68105	ZINC	4	302.2	433.6
19338	68105	ZINC	4	142.9	216.1
19339	68105	ZINC	4	176.2	230.2
19340	68105	ZINC	4	197.5	286.4
19342	68105	ZINC	4	215.9	331.4
19344	68105	ZINC	5	290.9	390.0
19345	68105	ZINC	4	244.9	370.0
19346	68105	ZINC	5	378.2	682.7
19352	68105	ZINC	4	408.4	801.7
19353	68105	ZINC	5	165.6	247.3
19356	68105	ZINC	5	186.2	262.2
19359	68105	ZINC	4	180.5	238.1
19364	68105	ZINC	4	269.0	434.4
19365	68105	ZINC	5	233.5	332.3
19366	68105	ZINC	4	202.1	310.6
19368	68105	ZINC	4	162.1	183.6
19370	68105	ZINC	3	145.0	151.7
19372	68105	ZINC	4	112.6	194.9
19377	68105	ZINC	4	125.7	177.4
19378	68105	ZINC	5	148.4	234.9
19380	68105	ZINC	4	226.8	266.0
19384	68105	ZINC	5	147.6	187.1
19393	68105	ZINC	4	245.5	327.1
19403	68105	ZINC	3	130.4	157.2
19405	68105	ZINC	4	205.0	268.4
19413	68105	ZINC	5	206.0	351.8
19418	68105	ZINC	5	137.8	160.6
19420	68105	ZINC	2	266.8	270.7
19421	68105	ZINC	5	354.7	563.1
19422	68105	ZINC	4	162.8	279.2
19423	68105	ZINC	3	284.7	394.8
19424	68105	ZINC	4	382.3	475.5
19425	68105	ZINC	4	245.6	403.3
19427	68105	ZINC	4	202.4	323.8
19428	68105	ZINC	5	181.6	274.9
19431	68105	ZINC	4	171.6	186.8
19433	68105	ZINC	4	161.5	183.4
19434	68105	ZINC	3	180.8	206.8
19435	68105	ZINC	2	158.2	172.2
19436	68105	ZINC	6	116.1	161.0
19438	68105	ZINC	4	210.9	288.0
19439	68105	ZINC	3	120.9	148.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19441	68105	ZINC	3	138.2	174.5
19442	68105	ZINC	3	143.8	170.3
19445	68105	ZINC	4	286.2	359.3
19446	68105	ZINC	4	275.5	433.5
19447	68105	ZINC	4	235.1	399.7
19448	68105	ZINC	4	197.2	237.9
19451	68105	ZINC	2	312.5	330.6
19452	68105	ZINC	4	374.4	678.3
19453	68105	ZINC	4	175.7	254.1
19454	68105	ZINC	4	236.3	369.0
19457	68105	ZINC	3	115.4	129.3
19458	68105	ZINC	4	134.2	188.3
19461	68105	ZINC	5	159.0	178.8
19463	68105	ZINC	4	268.5	399.1
19469	68105	ZINC	4	205.8	331.0
19471	68105	ZINC	4	237.8	290.8
19476	68105	ZINC	4	182.3	194.8
19481	68105	ZINC	4	260.3	356.4
19482	68105	ZINC	4	135.2	147.4
19483	68105	ZINC	4	276.6	354.0
19484	68105	ZINC	3	206.8	319.9
19485	68105	ZINC	3	338.4	575.3
19486	68105	ZINC	4	144.0	279.6
19488	68105	ZINC	4	151.7	174.8
19489	68105	ZINC	5	257.5	329.2
19491	68105	ZINC	5	97.6	137.7
19492	68105	ZINC	4	212.0	443.9
19495	68105	ZINC	4	208.9	271.8
19496	68105	ZINC	4	155.7	167.0
19497	68105	ZINC	5	369.2	481.9
19499	68105	ZINC	2	121.7	134.1
19500	68105	ZINC	4	124.7	217.0
19501	68105	ZINC	4	250.8	379.0
19502	68105	ZINC	4	162.1	256.3
19504	68105	ZINC	4	416.4	688.1
19505	68105	ZINC	3	272.2	329.2
19507	68105	ZINC	4	197.4	225.8
19508	68105	ZINC	4	201.6	332.7
19510	68105	ZINC	4	418.3	536.4
19511	68105	ZINC	4	288.9	398.4
19517	68105	ZINC	4	462.2	668.8
19518	68105	ZINC	4	313.2	469.3
19524	68105	ZINC	4	256.9	355.9
19527	68105	ZINC	4	228.7	342.6
19528	68105	ZINC	4	163.2	311.3
19529	68105	ZINC	4	244.7	336.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19530	68105	ZINC	4	199.7	394.0
19532	68105	ZINC	3	211.8	312.4
19534	68105	ZINC	4	429.3	822.9
19538	68105	ZINC	4	424.6	559.4
19540	68105	ZINC	4	162.2	195.1
19551	68105	ZINC	3	224.4	250.0
19552	68105	ZINC	3	167.3	198.2
19555	68105	ZINC	5	120.8	138.3
19556	68105	ZINC	4	159.2	205.4
19559	68105	ZINC	5	411.2	557.3
19561	68105	ZINC	4	186.5	212.0
19567	68105	ZINC	4	180.4	228.7
19569	68105	ZINC	4	293.8	417.7
19572	68105	ZINC	4	261.4	564.0
19577	68105	ZINC	5	202.1	285.4
19578	68105	ZINC	4	144.6	183.6
19580	68105	ZINC	5	213.0	360.1
19583	68105	ZINC	4	141.3	156.2
19585	68105	ZINC	2	277.5	339.8
19587	68105	ZINC	4	170.3	194.7
19588	68105	ZINC	4	139.7	186.7
19589	68105	ZINC	4	157.2	235.5
19591	68105	ZINC	4	241.1	381.9
19592	68105	ZINC	3	369.7	543.5
19593	68105	ZINC	4	154.4	192.1
19594	68105	ZINC	5	196.1	296.5
19599	68105	ZINC	4	105.9	146.7
19601	68105	ZINC	4	194.1	282.7
19602	68105	ZINC	4	211.6	369.0
19604	68105	ZINC	5	204.2	272.4
19605	68105	ZINC	4	179.4	209.0
19607	68105	ZINC	4	214.1	371.1
19608	68105	ZINC	4	405.8	738.5
19609	68105	ZINC	4	245.8	338.1
19611	68105	ZINC	5	302.9	686.2
19612	68105	ZINC	4	197.1	393.8
19613	68105	ZINC	4	223.0	427.2
19614	68105	ZINC	3	472.1	536.3
19615	68105	ZINC	6	242.2	484.4
19616	68105	ZINC	4	221.1	261.7
19619	68105	ZINC	4	212.2	417.6
19620	68105	ZINC	3	301.5	568.4
19625	68105	ZINC	4	150.8	257.7
19626	68105	ZINC	4	300.9	412.8
19629	68105	ZINC	4	164.3	230.9
19635	68105	ZINC	4	387.4	602.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19636	68105	ZINC	4	251.8	340.9
19641	68105	ZINC	4	249.2	295.3
19648	68105	ZINC	4	172.6	190.1
19655	68105	ZINC	4	331.6	402.0
19657	68105	ZINC	5	219.8	403.5
19658	68105	ZINC	3	269.1	302.0
19659	68105	ZINC	4	230.1	332.8
19664	68105	ZINC	5	248.3	377.2
19666	68105	ZINC	2	243.1	331.5
19669	68105	ZINC	3	174.6	208.2
19670	68105	ZINC	4	206.1	349.6
19671	68105	ZINC	4	288.3	379.2
19676	68105	ZINC	4	357.3	400.1
19677	68105	ZINC	4	220.9	326.9
19678	68105	ZINC	4	246.3	433.1
19682	68105	ZINC	4	243.2	323.9
19686	68105	ZINC	5	207.9	278.3
19688	68105	ZINC	5	195.1	216.1
19690	68105	ZINC	4	83.5	129.3
19691	68105	ZINC	4	187.8	249.7
19692	68105	ZINC	3	167.9	256.0
19693	68105	ZINC	4	154.9	198.5
19696	68105	ZINC	4	215.7	233.9
19697	68105	ZINC	4	141.6	187.5
19700	68105	ZINC	5	190.0	329.5
19702	68105	ZINC	4	198.9	252.1
19705	68105	ZINC	4	314.5	401.8
19708	68105	ZINC	3	167.4	230.1
19710	68105	ZINC	4	216.3	294.3
19711	68105	ZINC	4	234.8	344.5
19716	68105	ZINC	3	210.6	258.7
19717	68105	ZINC	4	202.7	492.9
19718	68105	ZINC	4	226.5	359.1
19720	68105	ZINC	4	374.3	467.7
19721	68105	ZINC	3	191.5	234.8
19722	68105	ZINC	4	189.1	270.7
19725	68105	ZINC	3	168.5	186.2
19726	68105	ZINC	4	151.8	162.2
19728	68105	ZINC	5	133.3	168.0
19729	68105	ZINC	4	193.9	218.0
19730	68105	ZINC	3	110.0	123.9
19733	68105	ZINC	4	267.1	315.6
19735	68105	ZINC	4	200.0	286.7
19737	68105	ZINC	4	218.0	294.3
19738	68105	ZINC	4	262.0	376.4
19739	68105	ZINC	5	211.1	276.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19740	68105	ZINC	3	249.1	419.1
19741	68105	ZINC	4	192.9	285.7
19742	68105	ZINC	4	227.9	324.0
19743	68105	ZINC	3	207.0	234.1
19745	68105	ZINC	4	294.2	326.7
19746	68105	ZINC	4	227.8	270.6
19747	68105	ZINC	4	243.2	421.0
19749	68105	ZINC	4	357.4	765.7
19751	68105	ZINC	4	218.1	327.9
19753	68105	ZINC	4	104.8	113.5
19755	68105	ZINC	4	199.7	254.2
19759	68105	ZINC	4	256.8	428.0
19762	68105	ZINC	3	292.3	317.1
19764	68105	ZINC	4	213.6	231.0
19768	68105	ZINC	4	339.6	532.1
19773	68105	ZINC	4	576.0	849.6
19775	68105	ZINC	5	210.9	310.1
19776	68105	ZINC	3	350.5	441.3
19779	68105	ZINC	4	379.2	455.9
19784	68105	ZINC	5	223.4	367.4
19786	68105	ZINC	4	398.8	522.4
19787	68105	ZINC	5	503.8	968.0
19790	68105	ZINC	4	220.5	295.5
19791	68105	ZINC	4	291.7	348.0
19795	68105	ZINC	5	378.2	711.1
19796	68105	ZINC	4	365.0	499.2
19797	68105	ZINC	5	131.8	160.0
19800	68105	ZINC	3	204.7	308.4
19801	68105	ZINC	4	278.0	402.9
19802	68105	ZINC	4	229.4	402.9
19804	68105	ZINC	4	327.5	854.6
19806	68105	ZINC	4	170.7	215.1
19807	68105	ZINC	5	131.4	186.2
19812	68105	ZINC	4	255.9	451.3
19814	68105	ZINC	5	159.2	228.0
19818	68105	ZINC	4	273.3	379.9
19819	68105	ZINC	5	218.9	308.7
19821	68105	ZINC	4	159.8	188.5
19822	68105	ZINC	4	165.8	182.5
19823	68105	ZINC	4	161.6	235.6
19827	68105	ZINC	5	169.9	270.2
19831	68105	ZINC	5	193.2	322.9
19832	68105	ZINC	5	279.3	372.2
19833	68105	ZINC	5	192.9	237.3
19837	68105	ZINC	4	58.8	115.5
19839	68105	ZINC	4	390.6	894.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19841	68105	ZINC	4	152.0	166.7
19842	68105	ZINC	3	105.4	110.2
19844	68105	ZINC	4	199.8	241.7
19846	68105	ZINC	4	188.3	357.6
19848	68105	ZINC	4	238.6	316.2
19849	68105	ZINC	4	230.1	269.2
19854	68105	ZINC	2	153.3	154.9
19855	68105	ZINC	4	215.9	243.6
19857	68105	ZINC	3	200.6	308.1
19858	68105	ZINC	4	301.6	454.0
19859	68105	ZINC	3	226.1	346.3
19860	68105	ZINC	4	283.5	386.1
19861	68105	ZINC	4	177.4	212.7
19863	68105	ZINC	4	160.2	323.6
19864	68105	ZINC	4	187.5	288.5
19866	68105	ZINC	5	341.4	841.7
19869	68105	ZINC	4	196.6	217.9
19871	68105	ZINC	5	202.0	333.6
19873	68105	ZINC	3	226.5	321.9
19878	68105	ZINC	4	151.1	187.6
19881	68105	ZINC	2	178.3	205.5
19887	68105	ZINC	5	320.7	589.0
19888	68105	ZINC	4	113.9	132.2
19889	68105	ZINC	4	390.7	699.3
19890	68105	ZINC	4	187.5	336.8
19893	68105	ZINC	3	351.5	406.2
19895	68105	ZINC	4	223.9	329.2
19899	68105	ZINC	4	224.4	301.6
19900	68105	ZINC	5	200.1	290.8
19901	68105	ZINC	3	190.3	238.4
19913	68105	ZINC	4	140.0	198.9
19914	68105	ZINC	4	266.6	298.7
19915	68105	ZINC	5	171.8	243.8
19918	68105	ZINC	5	117.7	202.3
19919	68105	ZINC	4	258.1	388.3
19923	68105	ZINC	4	270.3	366.0
19929	68105	ZINC	5	138.6	182.4
19932	68105	ZINC	4	348.0	644.2
19934	68105	ZINC	4	229.7	245.8
19935	68105	ZINC	3	204.5	275.7
19938	68105	ZINC	4	220.7	305.3
19945	68105	ZINC	4	245.4	325.3
19947	68105	ZINC	4	352.9	695.3
19954	68105	ZINC	4	112.2	141.7
19955	68105	ZINC	5	172.7	242.2
19957	68105	ZINC	4	116.0	152.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19960	68105	ZINC	3	109.3	128.8
19961	68105	ZINC	3	180.6	290.8
19965	68105	ZINC	5	236.1	344.4
19966	68105	ZINC	4	316.4	409.6
19967	68105	ZINC	4	138.0	182.8
19968	68105	ZINC	4	588.9	1199.8
19972	68105	ZINC	4	263.7	379.0
19974	68105	ZINC	4	103.1	123.5
19975	68105	ZINC	4	185.2	206.5
19976	68105	ZINC	4	179.9	238.9
19978	68105	ZINC	5	195.7	326.3
19981	68105	ZINC	4	525.2	959.2
19983	68105	ZINC	3	165.0	180.4
19984	68105	ZINC	3	154.3	191.2
19986	68105	ZINC	5	174.9	330.6
19987	68105	ZINC	2	157.1	161.1
19989	68105	ZINC	3	146.1	163.4
19992	68105	ZINC	4	193.2	234.5
19993	68105	ZINC	3	242.8	287.3
19995	68105	ZINC	5	127.5	184.0
19997	68105	ZINC	4	264.7	374.0
19999	68105	ZINC	5	210.4	320.7
20000	68105	ZINC	4	207.9	262.4
20002	68105	ZINC	2	133.2	147.9
20005	68105	ZINC	4	75.6	126.0
20007	68105	ZINC	4	244.0	303.7
20009	68105	ZINC	3	187.1	202.2
20012	68105	ZINC	3	252.5	345.1
20015	68105	ZINC	3	193.0	243.1
20016	68105	ZINC	4	251.5	285.4
20017	68105	ZINC	4	254.2	354.0
20018	68105	ZINC	5	405.2	586.7
20019	68105	ZINC	5	287.7	383.6
20020	68105	ZINC	4	168.8	268.8
20022	68105	ZINC	4	213.1	258.9
20023	68105	ZINC	2	216.2	330.6
20027	68105	ZINC	4	209.7	273.8
20030	68105	ZINC	4	92.7	136.5
20031	68105	ZINC	4	213.1	256.3
20032	68105	ZINC	5	98.6	140.3
20033	68105	ZINC	4	167.5	217.7
20034	68105	ZINC	4	321.4	394.5
20035	68105	ZINC	5	186.6	239.3
20038	68105	ZINC	4	232.0	537.4
20041	68105	ZINC	4	225.4	284.8
20049	68105	ZINC	5	268.8	443.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20050	68105	ZINC	4	152.1	203.8
20052	68105	ZINC	4	133.9	181.5
20054	68105	ZINC	4	271.4	301.5
20062	68105	ZINC	2	226.5	231.1
20065	68105	ZINC	4	236.1	315.8
20066	68105	ZINC	4	350.9	421.0
20067	68105	ZINC	4	223.1	287.3
20069	68105	ZINC	4	183.1	206.2
20070	68105	ZINC	4	312.0	387.8
20071	68105	ZINC	4	169.2	207.2
20072	68105	ZINC	4	258.7	298.1
20073	68105	ZINC	4	182.7	256.7
20075	68105	ZINC	2	136.4	138.0
20076	68105	ZINC	3	125.0	141.7
20077	68105	ZINC	4	192.3	254.2
20080	68105	ZINC	4	170.2	297.3
20085	68105	ZINC	5	206.4	386.6
20088	68105	ZINC	3	160.5	223.4
20089	68105	ZINC	4	206.6	315.5
20092	68105	ZINC	4	256.8	454.9
20094	68105	ZINC	4	253.5	368.4
20095	68105	ZINC	4	463.8	804.4
20097	68105	ZINC	4	129.1	139.9
20098	68105	ZINC	4	204.3	231.1
20099	68105	ZINC	4	201.2	284.7
20101	68105	ZINC	4	488.3	759.7
20102	68105	ZINC	3	137.3	183.1
20105	68105	ZINC	6	205.2	261.6
20108	68105	ZINC	3	226.7	308.2
20110	68105	ZINC	4	259.0	343.7
20112	68105	ZINC	4	352.6	391.1
20113	68105	ZINC	4	128.0	135.4
20116	68105	ZINC	3	804.7	993.0
20119	68105	ZINC	4	231.6	279.7
20120	68105	ZINC	5	570.0	797.4
20121	68105	ZINC	5	203.0	271.3
20125	68105	ZINC	4	298.7	593.7
20126	68105	ZINC	5	340.4	617.5
20128	68105	ZINC	4	302.6	685.0
20131	68105	ZINC	4	173.8	306.8
20134	68105	ZINC	4	182.6	235.9
20135	68105	ZINC	4	176.6	266.7
20138	68105	ZINC	4	287.2	414.8
20140	68105	ZINC	5	240.7	341.4
20141	68105	ZINC	5	137.1	182.6
20143	68105	ZINC	3	333.7	421.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20147	68105	ZINC	5	175.1	210.6
20150	68105	ZINC	4	165.8	186.8
20152	68105	ZINC	3	264.4	396.9
20153	68105	ZINC	3	189.1	212.3
20155	68105	ZINC	4	322.8	607.2
20156	68105	ZINC	4	170.5	199.4
20159	68105	ZINC	5	164.3	212.6
20166	68105	ZINC	4	252.4	293.3
20170	68105	ZINC	4	215.4	245.8
20173	68105	ZINC	4	145.6	178.7
20175	68105	ZINC	4	376.2	540.5
20177	68105	ZINC	4	405.2	542.3
20178	68105	ZINC	3	212.3	260.3
20179	68105	ZINC	3	240.7	284.1
20184	68105	ZINC	3	261.5	379.3
20185	68105	ZINC	4	342.0	414.0
20190	68105	ZINC	4	145.6	225.1
20197	68105	ZINC	2	418.2	507.2
20199	68105	ZINC	4	284.2	472.4
20207	68105	ZINC	4	355.4	460.1
20209	68105	ZINC	4	178.7	216.8
20213	68105	ZINC	5	177.1	240.5
20215	68105	ZINC	4	253.1	483.6
20218	68105	ZINC	5	318.0	432.2
20223	68105	ZINC	4	284.8	454.8
20224	68105	ZINC	4	188.5	282.7
20226	68105	ZINC	4	226.0	246.5
20227	68105	ZINC	4	128.0	137.9
20228	68105	ZINC	5	322.8	566.6
20232	68105	ZINC	3	124.7	148.0
20233	68105	ZINC	4	360.9	582.1
20236	68105	ZINC	4	264.1	348.4
20238	68105	ZINC	5	397.4	579.0
20245	68105	ZINC	4	187.7	262.3
20246	68105	ZINC	5	247.3	493.0
20247	68105	ZINC	4	214.4	224.9
20248	68105	ZINC	4	217.7	263.3
20249	68105	ZINC	4	327.8	420.2
20250	68105	ZINC	3	182.8	415.1
20251	68105	ZINC	5	185.6	233.2
20257	68105	ZINC	5	219.3	323.8
20259	68105	ZINC	4	213.3	261.7
20263	68105	ZINC	4	379.1	665.1
20265	68105	ZINC	4	188.3	250.7
20268	68105	ZINC	6	158.2	259.0
20270	68105	ZINC	3	106.8	122.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20271	68105	ZINC	4	206.6	328.7
20273	68105	ZINC	5	192.1	263.9
20278	68105	ZINC	4	286.1	471.5
20288	68105	ZINC	3	315.6	357.4
20290	68105	ZINC	5	127.3	151.5
20291	68105	ZINC	5	292.8	492.0
20293	68105	ZINC	4	153.6	242.7
20295	68105	ZINC	4	238.6	254.4
20296	68105	ZINC	4	192.2	298.4
20299	68105	ZINC	4	415.4	749.2
20300	68105	ZINC	4	201.3	265.6
20301	68105	ZINC	4	241.6	476.3
20305	68105	ZINC	4	582.0	1529.0
20306	68105	ZINC	4	239.5	348.0
20307	68105	ZINC	4	191.4	303.2
20310	68105	ZINC	4	240.3	311.7
20312	68105	ZINC	4	171.8	248.1
20313	68105	ZINC	4	131.0	157.5
20315	68105	ZINC	3	229.0	301.3
20321	68105	ZINC	6	213.9	317.3
20322	68105	ZINC	4	169.4	174.4
20323	68105	ZINC	4	215.5	294.1
20325	68105	ZINC	5	252.9	282.8
20326	68105	ZINC	4	137.3	160.2
20328	68105	ZINC	4	219.1	306.9
20329	68105	ZINC	4	218.2	302.6
20330	68105	ZINC	4	208.1	315.2
20331	68105	ZINC	4	116.9	131.6
20334	68105	ZINC	4	333.8	456.6
20338	68105	ZINC	4	187.4	237.5
20339	68105	ZINC	4	163.7	175.6
20340	68105	ZINC	4	128.0	144.2
20342	68105	ZINC	4	257.8	405.9
20343	68105	ZINC	3	217.3	293.7
20351	68105	ZINC	5	241.8	286.6
20362	68105	ZINC	4	271.9	321.5
20364	68105	ZINC	4	232.9	358.9
20379	68105	ZINC	4	118.7	145.6
20384	68105	ZINC	5	230.6	279.8
20385	68105	ZINC	4	200.5	282.0
20391	68105	ZINC	4	191.6	280.0
20392	68105	ZINC	4	240.8	272.2
20394	68105	ZINC	4	204.7	256.4
20397	68105	ZINC	4	150.8	184.3
20398	68105	ZINC	3	260.2	305.6
20403	68105	ZINC	3	246.2	337.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20409	68105	ZINC	5	269.3	373.3
20411	68105	ZINC	3	186.2	258.0
20414	68105	ZINC	4	243.2	358.3
20415	68105	ZINC	4	173.2	219.7
20420	68105	ZINC	3	213.5	315.8
20422	68105	ZINC	5	264.2	321.6
20423	68105	ZINC	3	181.9	224.2
20426	68105	ZINC	3	286.4	511.6
20428	68105	ZINC	4	154.2	196.0
20434	68105	ZINC	4	319.2	687.7
20440	68105	ZINC	4	223.7	342.4
20441	68105	ZINC	5	98.4	110.0
20442	68105	ZINC	4	250.9	328.0
20447	68105	ZINC	3	231.2	292.8
20448	68105	ZINC	4	318.4	515.8
20452	68105	ZINC	4	202.7	246.4
20453	68105	ZINC	4	336.6	403.0
20454	68105	ZINC	4	68.3	84.9
20455	68105	ZINC	5	236.1	469.1
20458	68105	ZINC	4	183.3	224.9
20460	68105	ZINC	2	523.2	541.7
20461	68105	ZINC	3	303.1	549.0
20462	68105	ZINC	4	195.4	229.5
20470	68105	ZINC	5	155.1	173.7
20471	68105	ZINC	5	147.4	207.5
20472	68105	ZINC	5	270.3	390.7
20473	68105	ZINC	5	358.8	431.0
20474	68105	ZINC	4	181.3	236.9
20477	68105	ZINC	5	533.8	1904.3
20479	68105	ZINC	4	185.2	204.1
20480	68105	ZINC	3	201.1	251.4
20481	68105	ZINC	4	315.6	459.0
20483	68105	ZINC	3	131.9	148.5
20488	68105	ZINC	5	225.4	501.0
20494	68105	ZINC	4	249.2	335.0
20495	68105	ZINC	4	564.0	731.2
20503	68105	ZINC	4	249.6	301.7
20506	68105	ZINC	4	173.5	210.9
20507	68105	ZINC	4	277.3	353.6
20508	68105	ZINC	5	200.7	248.5
20509	68105	ZINC	4	390.0	634.3
20510	68105	ZINC	3	290.7	425.7
20512	68105	ZINC	4	247.6	364.7
20513	68105	ZINC	4	206.9	261.9
20519	68105	ZINC	4	193.3	259.8
20520	68105	ZINC	5	246.1	409.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20526	68105	ZINC	4	384.0	561.2
20527	68105	ZINC	3	179.6	188.9
20531	68105	ZINC	2	148.0	150.6
20533	68105	ZINC	3	283.6	431.5
20535	68105	ZINC	2	180.4	199.8
20537	68105	ZINC	4	247.7	334.3
20539	68105	ZINC	2	300.0	363.0
20540	68105	ZINC	4	270.8	451.0
20544	68105	ZINC	4	177.9	184.6
20545	68105	ZINC	3	405.4	850.3
20547	68105	ZINC	4	193.6	421.1
20549	68105	ZINC	4	331.8	490.0
20550	68105	ZINC	4	297.3	375.0
20553	68105	ZINC	4	384.1	671.9
20557	68105	ZINC	4	322.9	394.0
20559	68105	ZINC	4	262.0	366.6
20560	68105	ZINC	5	143.2	243.1
20562	68105	ZINC	4	200.5	240.2
20563	68105	ZINC	3	247.0	303.9
20565	68105	ZINC	5	158.9	242.2
20566	68105	ZINC	4	311.0	487.1
20568	68105	ZINC	4	232.9	292.4
20572	68105	ZINC	5	152.3	206.3
20578	68105	ZINC	3	126.7	133.6
20584	68105	ZINC	4	239.2	413.0
20587	68105	ZINC	4	152.5	190.9
20590	68105	ZINC	4	207.1	248.4
20591	68105	ZINC	4	185.2	221.3
20593	68105	ZINC	3	202.3	329.0
20594	68105	ZINC	4	158.3	205.5
20595	68105	ZINC	4	169.6	196.9
20598	68105	ZINC	4	212.3	328.3
20602	68105	ZINC	4	178.6	245.8
20603	68105	ZINC	4	148.8	184.3
20605	68105	ZINC	5	280.4	511.4
20607	68105	ZINC	5	166.3	174.9
20609	68105	ZINC	5	175.1	248.2
20610	68105	ZINC	4	221.4	281.0
20611	68105	ZINC	5	118.1	248.4
20612	68105	ZINC	4	184.9	214.0
20614	68105	ZINC	4	191.1	218.3
20616	68105	ZINC	4	224.6	312.1
20618	68105	ZINC	4	150.0	183.4
20619	68105	ZINC	4	211.7	302.5
20622	68105	ZINC	4	145.3	165.7
20625	68105	ZINC	5	162.9	202.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20628	68105	ZINC	4	345.0	645.3
20630	68105	ZINC	4	189.9	234.2
20634	68105	ZINC	5	165.9	192.2
20636	68105	ZINC	4	218.7	564.8
20637	68105	ZINC	4	247.5	487.2
20641	68105	ZINC	4	302.9	403.4
20646	68105	ZINC	5	249.5	399.5
20647	68105	ZINC	5	190.1	306.6
20648	68105	ZINC	4	191.3	223.8
20649	68105	ZINC	4	162.8	358.6
20650	68105	ZINC	4	213.6	301.2
20651	68105	ZINC	5	236.9	354.1
20652	68105	ZINC	5	231.6	258.4
20653	68105	ZINC	4	223.8	272.0
20656	68105	ZINC	3	163.5	186.5
20657	68105	ZINC	4	208.6	261.5
20659	68105	ZINC	4	354.3	485.8
20662	68105	ZINC	3	157.7	251.3
20663	68105	ZINC	5	286.4	450.9
20665	68105	ZINC	5	447.3	1321.2
20666	68105	ZINC	4	321.2	393.0
20668	68105	ZINC	4	196.2	251.1
20672	68105	ZINC	4	157.0	275.8
20673	68105	ZINC	4	344.8	473.4
20674	68105	ZINC	4	369.0	845.0
20678	68105	ZINC	4	192.2	308.2
20680	68105	ZINC	4	217.5	286.0
20681	68105	ZINC	4	282.4	512.4
20683	68105	ZINC	6	321.1	517.9
20684	68105	ZINC	5	343.9	505.7
20685	68105	ZINC	4	225.7	336.5
20686	68105	ZINC	2	151.6	173.0
20687	68105	ZINC	5	124.7	161.7
20691	68105	ZINC	4	454.7	856.7
20696	68105	ZINC	4	230.6	334.9
20701	68105	ZINC	3	167.2	182.6
20702	68105	ZINC	5	146.4	169.4
20706	68105	ZINC	4	200.5	287.8
20707	68105	ZINC	4	209.7	266.4
20708	68105	ZINC	4	197.0	212.6
20709	68105	ZINC	2	120.1	132.5
20710	68105	ZINC	4	221.9	270.3
20711	68105	ZINC	5	122.3	155.0
20713	68105	ZINC	2	118.5	144.8
20716	68105	ZINC	2	276.8	354.2
20717	68105	ZINC	4	310.8	460.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20718	68105	ZINC	3	227.4	269.8
20720	68105	ZINC	5	272.5	451.8
20721	68105	ZINC	4	509.7	752.8
20723	68105	ZINC	4	481.9	619.7
20725	68105	ZINC	5	189.7	281.6
20730	68105	ZINC	4	184.2	303.1
20735	68105	ZINC	4	134.7	156.5
20739	68105	ZINC	4	176.3	310.2
20743	68105	ZINC	4	202.7	257.8
20748	68105	ZINC	4	283.1	353.2
20751	68105	ZINC	4	216.2	301.7
20753	68105	ZINC	3	197.2	250.9
20754	68105	ZINC	4	172.7	225.0
20756	68105	ZINC	4	376.6	438.3
20757	68105	ZINC	4	195.0	230.2
20759	68105	ZINC	4	209.7	229.5
20760	68105	ZINC	5	165.3	341.8
20763	68105	ZINC	4	179.9	352.9
20764	68105	ZINC	5	218.2	399.8
20765	68105	ZINC	5	167.8	239.5
20768	68105	ZINC	5	211.4	526.5
20769	68105	ZINC	4	165.2	189.4
20770	68105	ZINC	4	132.6	174.2
20772	68105	ZINC	4	215.6	253.4
20774	68105	ZINC	4	162.3	207.2
20776	68105	ZINC	4	299.2	437.4
20777	68105	ZINC	4	230.5	385.8
20787	68105	ZINC	5	173.0	204.4
20790	68105	ZINC	5	140.2	175.1
20796	68105	ZINC	4	286.3	527.8
20797	68105	ZINC	4	255.9	433.8
20798	68105	ZINC	4	186.5	243.7
20800	68105	ZINC	4	207.8	270.2
20801	68105	ZINC	4	202.7	347.4
20805	68105	ZINC	4	290.4	471.5
20807	68105	ZINC	4	181.2	385.6
20809	68105	ZINC	4	250.2	538.5
20810	68105	ZINC	5	184.2	208.8
20814	68105	ZINC	4	200.7	228.4
20815	68105	ZINC	5	224.9	463.0
20817	68105	ZINC	4	296.6	445.6
20823	68105	ZINC	4	154.0	190.1
20824	68105	ZINC	2	161.7	164.0
20826	68105	ZINC	5	282.1	432.2
20829	68105	ZINC	4	326.7	499.9
20833	68105	ZINC	2	214.4	227.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20836	68105	ZINC	4	180.2	214.1
20838	68105	ZINC	4	185.1	281.0
20843	68105	ZINC	3	308.7	406.6
20845	68105	ZINC	5	183.3	311.4
20848	68105	ZINC	2	400.2	413.7
20850	68105	ZINC	5	172.7	212.7
20851	68105	ZINC	4	289.6	467.7
20852	68105	ZINC	4	270.2	375.5
20853	68105	ZINC	4	186.5	234.6
20854	68105	ZINC	4	144.2	211.1
20855	68105	ZINC	4	200.0	365.0
20856	68105	ZINC	4	259.1	383.0
20858	68105	ZINC	4	210.0	255.7
20859	68105	ZINC	4	230.4	323.7
20860	68105	ZINC	3	189.1	218.8
20863	68105	ZINC	5	138.3	174.8
20867	68105	ZINC	2	169.1	171.8
20868	68105	ZINC	4	162.8	285.4
20869	68105	ZINC	3	269.3	272.4
20871	68105	ZINC	4	364.2	467.5
20872	68105	ZINC	2	222.9	303.2
20877	68105	ZINC	3	351.4	505.2
20879	68105	ZINC	4	234.8	289.0
20882	68105	ZINC	5	310.5	517.6
20883	68105	ZINC	4	243.3	310.2
20884	68105	ZINC	4	240.4	351.4
20886	68105	ZINC	3	227.7	332.7
20888	68105	ZINC	5	224.2	300.8
20889	68105	ZINC	5	292.1	355.9
20892	68105	ZINC	5	332.6	409.1
20893	68105	ZINC	1	188.6	188.6
20894	68105	ZINC	4	313.1	439.8
20895	68105	ZINC	2	196.1	240.5
20896	68105	ZINC	3	230.2	327.2
20897	68105	ZINC	6	313.5	541.5
20899	68105	ZINC	4	289.7	468.8
20900	68105	ZINC	2	352.2	377.3
20901	68105	ZINC	4	247.7	393.2
20902	68105	ZINC	4	222.7	298.3
20906	68105	ZINC	3	355.2	437.0
20907	68105	ZINC	4	307.7	332.5
20908	68105	ZINC	4	225.6	296.2
20909	68105	ZINC	4	162.7	260.6
20911	68105	ZINC	4	240.8	393.0
20914	68105	ZINC	4	119.1	157.2
20916	68105	ZINC	5	190.5	253.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20917	68105	ZINC	4	344.0	508.6
20921	68105	ZINC	4	189.4	329.1
20923	68105	ZINC	5	192.7	206.5
20925	68105	ZINC	2	548.5	604.0
20927	68105	ZINC	4	96.3	102.7
20928	68105	ZINC	4	174.6	202.5
20930	68105	ZINC	5	183.1	240.7
20933	68105	ZINC	5	235.1	321.2
20935	68105	ZINC	2	289.1	356.7
20936	68105	ZINC	4	176.5	241.2
20937	68105	ZINC	5	193.5	362.8
20942	68105	ZINC	4	137.4	171.6
20943	68105	ZINC	4	182.0	365.5
20944	68105	ZINC	4	189.8	226.4
20945	68105	ZINC	5	313.6	506.2
20946	68105	ZINC	5	238.5	378.0
20947	68105	ZINC	3	202.3	260.5
20948	68105	ZINC	3	232.2	265.1
20949	68105	ZINC	4	218.8	297.1
20955	68105	ZINC	3	274.3	358.8
20956	68105	ZINC	4	146.8	173.4
20958	68105	ZINC	4	91.3	161.7
20961	68105	ZINC	4	211.3	282.5
20962	68105	ZINC	3	356.8	452.1
20963	68105	ZINC	4	260.1	441.6
20964	68105	ZINC	4	235.1	349.2
20966	68105	ZINC	4	245.3	504.5
20967	68105	ZINC	3	241.9	349.1
20969	68105	ZINC	5	172.3	267.3
20977	68105	ZINC	4	182.9	230.2
20980	68105	ZINC	4	252.1	487.7
20983	68105	ZINC	4	503.2	989.2
20985	68105	ZINC	4	313.2	596.8
20987	68105	ZINC	5	140.8	167.2
20990	68105	ZINC	4	336.3	595.6
20994	68105	ZINC	4	250.5	473.8
20997	68105	ZINC	3	270.9	377.0
20999	68105	ZINC	4	285.3	360.1
21000	68105	ZINC	4	269.4	350.1
21005	68105	ZINC	3	120.3	147.4
21007	68105	ZINC	4	132.9	157.8
21008	68105	ZINC	4	354.7	725.3
21009	68105	ZINC	4	144.3	162.2
21012	68105	ZINC	3	182.5	214.0
21015	68105	ZINC	2	169.3	207.6
21018	68105	ZINC	2	228.9	237.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21019	68105	ZINC	4	205.1	298.0
21022	68105	ZINC	4	130.5	212.0
21025	68105	ZINC	4	142.4	230.0
21028	68105	ZINC	4	147.8	235.0
21031	68105	ZINC	4	185.6	203.6
21034	68105	ZINC	4	160.1	190.3
21036	68105	ZINC	3	193.0	270.8
21037	68105	ZINC	3	208.7	259.4
21038	68105	ZINC	3	212.4	238.2
21041	68105	ZINC	4	118.7	152.8
21042	68105	ZINC	4	161.7	230.6
21043	68105	ZINC	3	92.4	114.1
21047	68105	ZINC	4	432.3	572.8
21048	68105	ZINC	4	462.4	891.5
21049	68105	ZINC	5	287.4	414.8
21051	68105	ZINC	4	196.7	264.5
21052	68105	ZINC	4	191.9	259.7
21053	68105	ZINC	4	237.3	359.7
21054	68105	ZINC	4	92.0	127.0
21055	68105	ZINC	4	194.8	325.0
21056	68105	ZINC	4	178.4	251.2
21057	68105	ZINC	4	193.8	300.2
21058	68105	ZINC	3	241.8	350.9
21060	68105	ZINC	3	331.0	520.5
21061	68105	ZINC	6	155.4	193.9
21064	68105	ZINC	4	735.7	861.9
21068	68105	ZINC	3	290.7	358.0
21071	68105	ZINC	4	330.1	367.0
21073	68105	ZINC	4	214.5	257.3
21076	68105	ZINC	4	323.1	421.8
21077	68105	ZINC	4	313.4	469.4
21079	68105	ZINC	5	280.7	441.1
21080	68105	ZINC	4	588.0	1979.0
21082	68105	ZINC	4	299.2	481.9
21083	68105	ZINC	4	157.4	231.2
21086	68105	ZINC	2	372.3	409.9
21087	68105	ZINC	4	257.5	383.7
21088	68105	ZINC	4	148.6	188.1
21089	68105	ZINC	5	273.0	348.7
21092	68105	ZINC	4	447.0	748.3
21093	68105	ZINC	4	196.7	226.4
21095	68105	ZINC	4	321.4	615.3
21096	68105	ZINC	1	346.2	346.2
21097	68105	ZINC	4	256.9	340.0
21098	68105	ZINC	5	316.6	379.2
21099	68105	ZINC	4	462.2	1126.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21101	68105	ZINC	5	203.6	320.7
21102	68105	ZINC	5	153.9	164.5
21105	68105	ZINC	3	374.7	426.1
21106	68105	ZINC	4	168.1	299.5
21107	68105	ZINC	4	445.8	816.9
21108	68105	ZINC	3	369.8	465.8
21109	68105	ZINC	4	126.0	167.8
21110	68105	ZINC	5	260.3	534.0
21111	68105	ZINC	5	378.5	805.4
21112	68105	ZINC	4	261.9	339.8
21115	68105	ZINC	4	163.2	252.9
21116	68105	ZINC	4	246.5	380.2
21117	68105	ZINC	4	366.6	637.1
21120	68105	ZINC	3	253.7	273.2
21124	68105	ZINC	4	219.8	413.6
21129	68105	ZINC	4	372.7	593.1
21130	68105	ZINC	5	165.4	191.8
21132	68105	ZINC	4	119.1	131.6
21133	68105	ZINC	4	252.9	379.3
21136	68105	ZINC	4	298.2	393.0
21138	68105	ZINC	4	329.2	382.6
21140	68105	ZINC	6	165.4	234.6
21141	68105	ZINC	4	218.2	287.0
21143	68105	ZINC	4	459.6	639.7
21144	68105	ZINC	4	170.6	212.8
21147	68105	ZINC	4	277.8	400.0
21148	68105	ZINC	4	182.7	211.6
21149	68105	ZINC	4	288.7	527.2
21150	68105	ZINC	3	249.8	277.0
21151	68105	ZINC	4	160.4	221.9
21152	68105	ZINC	2	390.6	501.8
21153	68105	ZINC	4	356.4	557.6
21167	68105	ZINC	4	140.9	189.3
21169	68105	ZINC	4	245.0	305.4
21170	68105	ZINC	4	196.7	279.1
21171	68105	ZINC	4	328.6	555.2
21173	68105	ZINC	4	457.6	886.4
21178	68105	ZINC	5	393.6	647.3
21185	68105	ZINC	4	206.5	235.8
21186	68105	ZINC	3	310.3	338.7
21191	68105	ZINC	4	407.4	633.6
21192	68105	ZINC	5	144.4	277.9
21193	68105	ZINC	4	217.9	396.8
21195	68105	ZINC	5	226.2	269.3
21201	68105	ZINC	3	315.7	503.2
21202	68105	ZINC	5	288.3	576.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21203	68105	ZINC	4	387.3	474.0
21206	68105	ZINC	4	208.1	267.4
21209	68105	ZINC	4	656.4	1713.3
21212	68105	ZINC	4	191.2	225.6
21213	68105	ZINC	4	164.7	188.0
21214	68105	ZINC	4	165.3	211.3
21215	68105	ZINC	4	212.4	276.0
21216	68105	ZINC	2	273.7	293.4
21218	68105	ZINC	4	101.8	121.7
21219	68105	ZINC	3	270.0	411.9
21220	68105	ZINC	4	288.8	405.0
21221	68105	ZINC	3	150.0	227.7
21223	68105	ZINC	5	135.5	212.8
21225	68105	ZINC	4	270.9	342.1
21226	68105	ZINC	4	381.6	1075.0
21230	68105	ZINC	3	220.9	269.9
21231	68105	ZINC	4	224.2	265.1
21239	68105	ZINC	5	165.1	221.3
21247	68105	ZINC	4	209.5	277.0
21251	68105	ZINC	4	219.0	291.0
21257	68105	ZINC	3	196.3	241.9
21258	68105	ZINC	3	195.4	244.0
21260	68105	ZINC	4	231.6	271.8
21261	68105	ZINC	4	246.0	355.4
21264	68105	ZINC	4	204.1	263.3
21265	68105	ZINC	4	289.5	389.6
21266	68105	ZINC	5	181.5	252.7
21267	68105	ZINC	4	194.6	409.4
21268	68105	ZINC	5	220.4	394.2
21269	68105	ZINC	4	166.4	175.2
21272	68105	ZINC	3	161.5	189.1
21273	68105	ZINC	4	245.2	297.7
21274	68105	ZINC	4	482.5	1050.5
21276	68105	ZINC	4	256.0	328.9
21277	68105	ZINC	4	223.3	401.9
21279	68105	ZINC	4	301.9	515.1
21280	68105	ZINC	3	299.5	418.6
21281	68105	ZINC	4	152.9	179.7
21283	68105	ZINC	4	258.5	317.6
21285	68105	ZINC	4	242.5	442.0
21286	68105	ZINC	4	141.8	169.3
21287	68105	ZINC	3	396.4	444.6
21288	68105	ZINC	4	443.6	824.1
21289	68105	ZINC	4	191.1	206.1
21293	68105	ZINC	4	171.8	221.1
21294	68105	ZINC	4	227.7	327.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21296	68105	ZINC	4	139.2	160.6
21297	68105	ZINC	4	185.6	214.4
21298	68105	ZINC	3	260.8	286.2
21300	68105	ZINC	5	263.4	339.8
21301	68105	ZINC	4	344.6	750.7
21302	68105	ZINC	3	141.9	164.7
21303	68105	ZINC	4	255.3	324.7
21304	68105	ZINC	4	167.3	216.4
21305	68105	ZINC	4	176.7	207.1
21307	68105	ZINC	4	390.8	797.9
21309	68105	ZINC	4	115.4	134.5
21310	68105	ZINC	4	195.6	274.3
21311	68105	ZINC	5	201.3	265.6
21312	68105	ZINC	3	198.5	220.8
21313	68105	ZINC	5	351.1	544.3
21316	68105	ZINC	3	170.4	250.5
21317	68105	ZINC	4	226.1	308.2
21318	68105	ZINC	4	161.7	250.7
21319	68105	ZINC	4	89.3	134.1
21321	68105	ZINC	4	196.4	269.9
21322	68105	ZINC	4	165.3	294.1
21324	68105	ZINC	4	400.1	563.8
21325	68105	ZINC	4	338.6	469.2
21326	68105	ZINC	4	447.4	656.2
21328	68105	ZINC	3	169.3	209.3
21329	68105	ZINC	3	97.7	128.6
21330	68105	ZINC	4	115.5	178.0
21332	68105	ZINC	4	392.7	460.0
21333	68105	ZINC	5	243.0	413.7
21335	68105	ZINC	4	177.7	316.4
21336	68105	ZINC	2	418.3	591.0
21339	68105	ZINC	4	520.4	1311.6
21340	68105	ZINC	6	422.2	545.6
21342	68105	ZINC	5	102.6	128.4
21345	68105	ZINC	4	159.0	211.5
21348	68105	ZINC	3	176.4	193.9
21349	68105	ZINC	4	265.2	369.9
21352	68105	ZINC	4	176.6	267.7
21354	68105	ZINC	3	238.1	260.9
21355	68105	ZINC	4	211.7	267.7
21356	68105	ZINC	4	502.0	1473.3
21358	68105	ZINC	3	188.5	196.6
21361	68105	ZINC	4	178.2	202.2
21362	68105	ZINC	5	147.5	210.9
21364	68105	ZINC	4	390.1	566.9
21365	68105	ZINC	4	275.7	362.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21368	68105	ZINC	4	222.8	246.4
21369	68105	ZINC	4	147.1	212.0
21371	68105	ZINC	5	270.3	342.6
21374	68105	ZINC	4	256.2	295.8
21375	68105	ZINC	4	208.6	324.3
21376	68105	ZINC	2	175.4	186.7
21377	68105	ZINC	4	161.5	210.5
21378	68105	ZINC	4	288.9	337.6
21380	68105	ZINC	4	430.0	887.2
21382	68105	ZINC	4	130.4	191.8
21385	68105	ZINC	4	142.0	208.4
21386	68105	ZINC	4	260.8	338.8
21388	68105	ZINC	4	126.7	130.8
21390	68105	ZINC	4	229.6	287.3
21394	68105	ZINC	4	121.3	152.4
21403	68105	ZINC	4	189.9	215.7
21405	68105	ZINC	4	205.9	282.2
21410	68105	ZINC	4	266.5	372.1
21411	68105	ZINC	5	111.5	155.8
21415	68105	ZINC	4	133.1	176.2
21418	68105	ZINC	4	221.1	241.5
21419	68105	ZINC	3	337.6	464.9
21420	68105	ZINC	5	186.9	258.5
21424	68105	ZINC	4	239.0	288.3
21425	68105	ZINC	1	76.4	76.4
21430	68105	ZINC	4	242.2	409.8
21431	68105	ZINC	1	370.1	370.1
21436	68105	ZINC	6	253.9	385.5
21438	68105	ZINC	5	273.5	634.3
21446	68105	ZINC	5	135.7	197.7
21448	68105	ZINC	4	171.1	294.4
21449	68105	ZINC	3	235.5	276.6
21450	68105	ZINC	4	66.5	104.8
21451	68105	ZINC	4	467.4	535.8
21453	68105	ZINC	4	428.8	855.7
21454	68105	ZINC	3	133.8	183.7
21459	68105	ZINC	5	421.9	729.9
21460	68105	ZINC	4	100.8	124.5
21466	68105	ZINC	2	146.2	203.4
21471	68105	ZINC	3	296.6	456.5
21472	68105	ZINC	4	229.2	393.3
21474	68105	ZINC	4	213.6	287.4
21475	68105	ZINC	3	255.6	334.3
21476	68105	ZINC	5	104.7	149.5
21477	68105	ZINC	3	127.3	165.6
21478	68105	ZINC	4	281.0	316.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21480	68105	ZINC	3	135.0	156.9
21481	68105	ZINC	3	252.6	318.8
21483	68105	ZINC	5	277.1	439.2
21484	68105	ZINC	3	85.5	175.4
21485	68105	ZINC	4	330.6	347.6
21486	68105	ZINC	4	307.5	534.6
21489	68105	ZINC	5	185.3	238.1
21490	68105	ZINC	5	346.4	667.4
21491	68105	ZINC	4	94.2	128.1
21492	68105	ZINC	5	297.6	546.2
21493	68105	ZINC	4	223.6	253.5
21494	68105	ZINC	4	259.3	346.4
21495	68105	ZINC	4	159.3	205.2
21496	68105	ZINC	4	202.5	274.5
21497	68105	ZINC	4	195.2	247.6
21498	68105	ZINC	5	176.6	241.6
21499	68105	ZINC	3	351.4	403.1
21501	68105	ZINC	4	392.3	474.7
21503	68105	ZINC	3	243.7	295.2
21505	68105	ZINC	4	185.3	212.0
21507	68105	ZINC	3	354.9	397.1
21509	68105	ZINC	4	197.5	308.4
21513	68105	ZINC	4	470.1	952.9
21516	68105	ZINC	4	244.7	279.1
21517	68105	ZINC	5	312.7	466.1
21519	68105	ZINC	4	216.2	264.9
21524	68105	ZINC	5	209.4	250.7
21525	68105	ZINC	4	256.3	320.4
21527	68105	ZINC	4	248.6	374.8
21528	68105	ZINC	4	234.1	299.5
21529	68105	ZINC	4	190.3	373.3
21530	68105	ZINC	4	248.0	346.9
21531	68105	ZINC	3	177.4	197.3
21533	68105	ZINC	4	536.8	974.9
21535	68105	ZINC	4	158.7	188.0
21536	68105	ZINC	5	196.5	247.3
21538	68105	ZINC	4	257.4	389.0
21539	68105	ZINC	4	207.0	270.8
21540	68105	ZINC	4	262.4	340.4
21542	68105	ZINC	4	228.9	370.8
21543	68105	ZINC	4	232.2	368.4
21544	68105	ZINC	3	231.0	342.5
21545	68105	ZINC	4	488.1	784.1
21546	68105	ZINC	4	383.1	585.4
21548	68105	ZINC	4	258.9	292.2
21549	68105	ZINC	5	417.1	586.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21550	68105	ZINC	4	123.4	179.6
21551	68105	ZINC	4	189.6	219.7
21558	68105	ZINC	4	102.0	127.4
21559	68105	ZINC	4	258.8	410.3
21560	68105	ZINC	5	196.6	230.5
21561	68105	ZINC	4	175.9	201.9
21562	68105	ZINC	5	262.9	367.4
21563	68105	ZINC	4	300.5	376.2
21565	68105	ZINC	4	329.0	460.0
21566	68105	ZINC	4	239.1	293.7
21567	68105	ZINC	4	530.1	1021.6
21570	68105	ZINC	4	248.5	421.2
21571	68105	ZINC	5	283.3	442.6
21574	68105	ZINC	4	135.8	156.7
21577	68105	ZINC	4	284.8	556.8
21578	68105	ZINC	4	378.6	496.8
21580	68105	ZINC	5	192.6	262.4
21581	68105	ZINC	4	174.1	191.4
21583	68105	ZINC	4	264.3	436.6
21584	68105	ZINC	4	149.9	196.7
21585	68105	ZINC	4	223.3	397.6
21586	68105	ZINC	4	134.3	151.8
21589	68105	ZINC	2	260.1	343.8
21591	68105	ZINC	4	161.2	188.7
21594	68105	ZINC	4	535.7	810.5
21596	68105	ZINC	5	204.2	322.0
21597	68105	ZINC	4	316.2	499.0
21600	68105	ZINC	4	141.7	218.2
21601	68105	ZINC	4	224.7	395.8
21602	68105	ZINC	4	284.1	376.9
21604	68105	ZINC	5	194.1	356.0
21605	68105	ZINC	5	232.8	323.0
21606	68105	ZINC	4	169.0	244.7
21608	68105	ZINC	5	231.7	318.6
21609	68105	ZINC	5	336.9	491.5
21610	68105	ZINC	4	149.0	174.0
21612	68105	ZINC	3	259.7	303.3
21613	68105	ZINC	4	119.1	136.3
21614	68105	ZINC	4	331.5	471.0
21615	68105	ZINC	5	260.6	378.2
21616	68105	ZINC	5	542.6	1796.6
21617	68105	ZINC	4	173.6	245.1
21619	68105	ZINC	3	231.7	306.2
21621	68105	ZINC	3	316.4	337.4
21623	68105	ZINC	4	222.2	300.5
21625	68105	ZINC	5	267.7	392.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21630	68105	ZINC	3	218.6	281.0
21632	68105	ZINC	4	345.0	654.1
21633	68105	ZINC	5	254.9	333.0
21634	68105	ZINC	4	413.6	511.8
21636	68105	ZINC	2	201.7	217.3
21638	68105	ZINC	1	158.9	158.9
21639	68105	ZINC	4	265.5	314.4
21640	68105	ZINC	6	189.7	240.7
21641	68105	ZINC	4	271.2	370.8
21643	68105	ZINC	5	209.2	301.4
21645	68105	ZINC	4	272.0	451.1
21646	68105	ZINC	4	236.2	251.0
21649	68105	ZINC	3	180.5	195.7
21653	68105	ZINC	4	137.8	144.9
21654	68105	ZINC	5	432.2	587.8
21655	68105	ZINC	3	268.3	320.0
21657	68105	ZINC	5	185.8	240.6
21658	68105	ZINC	3	197.6	318.5
21660	68105	ZINC	5	365.5	424.7
21662	68105	ZINC	4	369.9	628.4
21663	68105	ZINC	4	341.3	611.1
21665	68105	ZINC	4	319.5	406.1
21667	68105	ZINC	5	258.1	289.9
21669	68105	ZINC	4	157.9	179.2
21672	68105	ZINC	4	185.4	279.7
21673	68105	ZINC	5	261.6	330.9
21674	68105	ZINC	4	263.8	408.7
21675	68105	ZINC	4	436.8	750.5
21676	68105	ZINC	4	276.7	533.9
21677	68105	ZINC	4	293.2	350.0
21678	68105	ZINC	5	156.4	253.3
21687	68105	ZINC	4	460.3	866.7
21688	68105	ZINC	3	238.3	343.0
21689	68105	ZINC	4	418.3	642.4
21690	68105	ZINC	4	207.5	329.9
21691	68105	ZINC	4	257.1	464.3
21692	68105	ZINC	4	175.9	225.9
21693	68105	ZINC	4	191.3	280.2
21698	68105	ZINC	5	315.7	485.6
21699	68105	ZINC	4	126.3	148.7
21700	68105	ZINC	4	325.4	472.4
21701	68105	ZINC	5	223.4	262.3
21704	68105	ZINC	4	235.3	269.2
21705	68105	ZINC	4	290.8	417.8
21706	68105	ZINC	4	242.8	256.7
21707	68105	ZINC	4	209.9	275.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21708	68105	ZINC	4	257.8	398.8
21709	68105	ZINC	4	243.7	420.8
21710	68105	ZINC	4	255.5	351.8
21711	68105	ZINC	4	232.1	250.6
21713	68105	ZINC	4	202.0	357.4
21714	68105	ZINC	3	224.7	298.0
21715	68105	ZINC	4	337.6	622.0
21718	68105	ZINC	4	220.2	292.1
21719	68105	ZINC	4	318.1	497.2
21720	68105	ZINC	3	284.8	353.5
21722	68105	ZINC	4	243.6	267.6
21723	68105	ZINC	4	516.7	1469.3
21724	68105	ZINC	4	239.8	429.0
21725	68105	ZINC	4	433.1	600.5
21727	68105	ZINC	3	187.4	251.1
21728	68105	ZINC	5	105.7	160.2
21730	68105	ZINC	5	203.1	304.2
21734	68105	ZINC	4	112.6	148.2
21735	68105	ZINC	5	322.2	397.6
21736	68105	ZINC	3	131.2	153.0
21739	68105	ZINC	4	334.6	443.4
21740	68105	ZINC	5	210.5	257.9
21742	68105	ZINC	3	416.2	544.3
21744	68105	ZINC	4	125.4	154.0
21745	68105	ZINC	4	254.4	284.4
21747	68105	ZINC	4	275.9	340.9
21749	68105	ZINC	6	285.1	431.0
21750	68105	ZINC	4	1565.5	5290.6
21751	68105	ZINC	5	443.1	643.3
21752	68105	ZINC	5	241.9	455.2
21753	68105	ZINC	4	267.1	465.5
21754	68105	ZINC	2	194.2	245.8
21755	68105	ZINC	4	251.2	450.8
21758	68105	ZINC	4	276.4	310.1
21759	68105	ZINC	3	284.7	385.2
21760	68105	ZINC	5	158.8	201.4
21761	68105	ZINC	3	179.7	230.3
21764	68105	ZINC	4	240.8	364.0
21766	68105	ZINC	3	292.9	500.1
21768	68105	ZINC	4	275.4	354.0
21770	68105	ZINC	4	223.5	401.4
21772	68105	ZINC	5	128.2	184.8
21773	68105	ZINC	4	282.5	370.0
21776	68105	ZINC	4	284.7	397.1
21777	68105	ZINC	5	321.6	951.3
21778	68105	ZINC	5	358.2	611.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21779	68105	ZINC	6	267.7	326.1
21782	68105	ZINC	5	267.6	658.0
21783	68105	ZINC	5	269.3	388.6
21786	68105	ZINC	4	213.3	355.9
21788	68105	ZINC	5	225.6	306.1
21789	68105	ZINC	4	170.2	198.0
21790	68105	ZINC	4	212.7	357.8
21793	68105	ZINC	3	301.3	436.0
21794	68105	ZINC	5	142.8	249.8
21795	68105	ZINC	3	132.1	153.1
21799	68105	ZINC	4	445.1	577.4
21800	68105	ZINC	4	123.6	139.4
21801	68105	ZINC	4	180.0	248.0
21804	68105	ZINC	4	242.4	285.4
21807	68105	ZINC	5	265.8	430.5
21811	68105	ZINC	2	391.5	586.0
21812	68105	ZINC	4	294.8	402.9
21814	68105	ZINC	4	260.2	353.3
21815	68105	ZINC	4	475.6	672.0
21816	68105	ZINC	4	301.9	578.6
21817	68105	ZINC	4	281.9	351.0
21818	68105	ZINC	3	646.9	901.2
21820	68105	ZINC	4	277.8	428.4
21822	68105	ZINC	4	370.0	441.3
21823	68105	ZINC	4	227.7	306.0
21824	68105	ZINC	4	178.9	256.6
21825	68105	ZINC	4	317.1	502.1
21827	68105	ZINC	4	215.8	251.6
21828	68105	ZINC	3	251.6	272.2
21831	68105	ZINC	3	340.9	667.9
21832	68105	ZINC	4	184.2	272.4
21836	68105	ZINC	5	245.8	350.0
21838	68105	ZINC	4	335.8	442.4
21840	68105	ZINC	4	229.9	299.8
21841	68105	ZINC	5	234.7	471.6
21844	68105	ZINC	5	436.1	802.1
21847	68105	ZINC	4	263.5	407.5
21849	68105	ZINC	4	347.2	515.9
21850	68105	ZINC	4	205.2	310.5
21853	68105	ZINC	2	433.7	521.2
21854	68105	ZINC	4	174.5	230.4
21855	68105	ZINC	5	249.8	531.0
21857	68105	ZINC	4	172.4	223.3
21858	68105	ZINC	4	195.7	248.2
21859	68105	ZINC	4	225.9	378.3
21860	68105	ZINC	4	211.4	233.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21864	68105	ZINC	4	263.9	331.0
21865	68105	ZINC	4	241.9	374.2
21866	68105	ZINC	4	152.4	198.1
21867	68105	ZINC	4	381.0	530.5
21868	68105	ZINC	4	237.7	331.5
21869	68105	ZINC	4	233.2	479.0
21873	68105	ZINC	4	251.6	418.9
21874	68105	ZINC	4	233.7	271.2
21875	68105	ZINC	3	189.7	242.8
21877	68105	ZINC	4	211.3	250.9
21878	68105	ZINC	4	284.9	397.9
21880	68105	ZINC	4	218.2	318.4
21881	68105	ZINC	4	171.5	340.4
21882	68105	ZINC	3	329.7	419.7
21883	68105	ZINC	4	222.6	393.2
21884	68105	ZINC	4	225.6	319.9
21885	68105	ZINC	5	263.5	346.9
21887	68105	ZINC	4	165.4	222.8
21888	68105	ZINC	4	187.8	319.7
21889	68105	ZINC	4	349.3	623.4
21893	68105	ZINC	4	230.7	364.1
21895	68105	ZINC	5	207.7	326.5
21896	68105	ZINC	4	199.4	327.0
21900	68105	ZINC	4	190.2	259.6
21901	68105	ZINC	4	349.6	493.2
21903	68105	ZINC	4	137.6	244.9
21904	68105	ZINC	5	221.8	319.2
21908	68105	ZINC	3	197.2	207.1
21911	68105	ZINC	3	179.8	221.9
21912	68105	ZINC	1	278.8	278.8
21913	68105	ZINC	4	169.7	195.5
21915	68105	ZINC	4	255.7	330.1
21916	68105	ZINC	4	170.9	216.9
21921	68105	ZINC	4	225.0	289.5
21923	68105	ZINC	4	157.9	182.6
21925	68105	ZINC	1	220.0	220.0
21926	68105	ZINC	4	284.1	352.3
21927	68105	ZINC	4	226.6	289.5
21928	68105	ZINC	4	241.9	298.9
21929	68105	ZINC	2	258.6	301.9
21930	68105	ZINC	4	339.7	368.8
21931	68105	ZINC	4	407.6	1116.7
21933	68105	ZINC	2	155.5	194.2
21934	68105	ZINC	4	158.3	202.7
21936	68105	ZINC	4	251.7	277.5
21937	68105	ZINC	5	265.8	343.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21938	68105	ZINC	4	380.9	549.8
21941	68105	ZINC	1	155.0	155.0
21944	68105	ZINC	5	184.8	227.4
21946	68105	ZINC	4	281.9	422.4
21948	68105	ZINC	4	199.0	297.2
21951	68105	ZINC	4	474.8	701.2
21952	68105	ZINC	5	209.1	436.2
21954	68105	ZINC	1	117.2	117.2
21956	68105	ZINC	4	204.3	264.0
21961	68105	ZINC	4	131.1	180.4
21962	68105	ZINC	2	112.0	129.8
21965	68105	ZINC	4	305.9	539.8
21966	68105	ZINC	5	196.5	285.7
21967	68105	ZINC	4	302.0	466.6
21969	68105	ZINC	4	256.0	299.8
21971	68105	ZINC	3	283.7	484.4
21979	68105	ZINC	4	266.3	461.6
21980	68105	ZINC	4	289.5	507.3
21981	68105	ZINC	4	315.0	621.1
21983	68105	ZINC	3	336.3	464.4
21985	68105	ZINC	3	235.3	295.9
21986	68105	ZINC	3	553.4	934.4
21989	68105	ZINC	5	525.2	884.0
21990	68105	ZINC	5	261.2	323.4
21991	68105	ZINC	3	249.1	367.0
21993	68105	ZINC	4	159.1	191.3
21995	68105	ZINC	4	370.5	475.3
21996	68105	ZINC	4	193.6	248.7
21997	68105	ZINC	3	328.1	479.3
21998	68105	ZINC	4	262.5	287.2
21999	68105	ZINC	3	201.9	210.3
22001	68105	ZINC	4	293.9	442.8
22004	68105	ZINC	4	263.9	459.5
22005	68105	ZINC	4	245.9	286.4
22006	68105	ZINC	4	258.6	368.1
22007	68105	ZINC	5	221.0	315.3
22008	68105	ZINC	4	255.5	299.8
22009	68105	ZINC	4	241.1	313.0
22010	68105	ZINC	4	260.4	404.0
22013	68105	ZINC	4	165.2	208.6
22014	68105	ZINC	4	252.3	470.9
22015	68105	ZINC	4	232.8	473.3
22017	68105	ZINC	5	191.6	261.2
22018	68105	ZINC	4	145.5	187.2
22019	68105	ZINC	4	140.7	231.4
22021	68105	ZINC	4	508.4	892.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22022	68105	ZINC	4	285.0	586.9
22024	68105	ZINC	4	336.0	396.2
22025	68105	ZINC	4	304.0	383.5
22026	68105	ZINC	4	153.9	228.2
22027	68105	ZINC	3	149.9	181.0
22028	68105	ZINC	4	182.1	279.3
22030	68105	ZINC	2	502.6	584.1
22031	68105	ZINC	3	119.4	155.0
22034	68105	ZINC	4	189.5	368.3
22036	68105	ZINC	5	169.8	280.0
22037	68105	ZINC	3	238.2	340.8
22039	68105	ZINC	4	281.9	382.0
22040	68105	ZINC	4	187.4	208.5
22041	68105	ZINC	4	291.9	398.5
22042	68105	ZINC	4	366.7	714.7
22043	68105	ZINC	4	463.6	707.1
22044	68105	ZINC	5	229.8	251.0
22046	68105	ZINC	4	202.8	233.0
22049	68105	ZINC	4	311.8	502.0
22052	68105	ZINC	4	169.1	216.8
22053	68105	ZINC	4	301.2	339.8
22054	68105	ZINC	4	142.1	166.0
22055	68105	ZINC	4	256.6	309.2
22056	68105	ZINC	4	219.5	348.0
22057	68105	ZINC	3	198.9	348.6
22058	68105	ZINC	4	350.3	513.4
22060	68105	ZINC	4	345.8	460.1
22061	68105	ZINC	3	207.1	246.5
22065	68105	ZINC	4	182.3	224.1
22069	68105	ZINC	4	173.7	219.5
22070	68105	ZINC	4	226.8	274.0
22072	68105	ZINC	5	218.8	284.8
22073	68105	ZINC	3	212.6	307.9
22074	68105	ZINC	4	398.2	511.7
22076	68105	ZINC	4	207.5	237.5
22077	68105	ZINC	4	213.4	262.6
22079	68105	ZINC	3	240.4	324.1
22080	68105	ZINC	4	381.3	644.1
22081	68105	ZINC	3	219.4	291.8
22084	68105	ZINC	5	245.1	304.6
22085	68105	ZINC	4	584.5	986.2
22089	68105	ZINC	4	248.8	437.7
22091	68105	ZINC	4	285.3	550.3
22092	68105	ZINC	4	272.9	383.6
22093	68105	ZINC	4	208.4	253.0
22097	68105	ZINC	5	166.0	197.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22098	68105	ZINC	4	308.9	444.0
22101	68105	ZINC	4	203.0	317.6
22102	68105	ZINC	4	265.7	433.0
22105	68105	ZINC	4	245.2	286.9
22106	68105	ZINC	3	319.5	385.8
22109	68105	ZINC	4	218.2	269.0
22114	68105	ZINC	4	188.1	245.9
22117	68105	ZINC	3	408.7	454.7
22119	68105	ZINC	4	167.0	220.9
22120	68105	ZINC	3	413.9	735.6
22121	68105	ZINC	4	320.0	428.8
22124	68105	ZINC	4	231.5	302.0
22128	68105	ZINC	4	136.7	158.8
22129	68105	ZINC	3	386.9	450.5
22131	68105	ZINC	3	203.3	244.3
22133	68105	ZINC	4	248.2	394.7
22135	68105	ZINC	4	308.8	442.5
22138	68105	ZINC	4	186.3	308.5
22139	68105	ZINC	3	344.0	364.4
22141	68105	ZINC	4	246.3	358.7
22142	68105	ZINC	4	213.0	336.2
22143	68105	ZINC	5	253.8	353.4
22145	68105	ZINC	4	190.9	217.6
22147	68105	ZINC	3	244.8	408.5
22148	68105	ZINC	4	300.4	459.7
22149	68105	ZINC	4	343.2	453.1
22152	68105	ZINC	4	141.2	198.2
22153	68105	ZINC	5	197.3	250.8
22154	68105	ZINC	4	327.6	411.0
22161	68105	ZINC	4	291.6	353.5
22162	68105	ZINC	4	264.7	509.7
22163	68105	ZINC	3	423.6	818.0
22164	68105	ZINC	3	378.1	485.5
22165	68105	ZINC	2	241.2	244.5
22167	68105	ZINC	4	142.6	163.5
22170	68105	ZINC	4	215.0	289.6
22171	68105	ZINC	4	406.6	620.2
22172	68105	ZINC	3	157.1	233.0
22173	68105	ZINC	5	366.6	539.5
22174	68105	ZINC	3	162.7	277.0
22175	68105	ZINC	4	289.2	329.3
22177	68105	ZINC	4	265.2	396.4
22179	68105	ZINC	3	363.8	673.1
22180	68105	ZINC	5	247.8	319.0
22181	68105	ZINC	3	447.1	610.6
22182	68105	ZINC	3	258.3	381.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22183	68105	ZINC	4	253.4	408.1
22184	68105	ZINC	3	232.8	257.0
22185	68105	ZINC	4	394.5	522.9
22186	68105	ZINC	4	299.9	632.1
22189	68105	ZINC	3	291.1	462.8
22191	68105	ZINC	4	470.4	673.4
22192	68105	ZINC	4	347.2	456.3
22193	68105	ZINC	4	126.5	157.3
22199	68105	ZINC	2	266.8	360.0
22204	68105	ZINC	2	265.3	275.8
22208	68105	ZINC	4	240.2	259.4
22209	68105	ZINC	5	301.1	481.7
22210	68105	ZINC	4	306.3	521.0
22211	68105	ZINC	4	988.0	1913.7
22212	68105	ZINC	4	325.8	446.6
22215	68105	ZINC	3	246.9	258.9
22216	68105	ZINC	4	179.6	257.9
22217	68105	ZINC	4	228.0	267.6
22223	68105	ZINC	4	327.5	387.7
22226	68105	ZINC	5	307.9	458.0
22227	68105	ZINC	2	209.0	248.2
22229	68105	ZINC	4	343.7	567.9
22230	68105	ZINC	4	299.8	341.9
22231	68105	ZINC	4	248.7	276.4
22232	68105	ZINC	2	235.1	291.6
22233	68105	ZINC	4	188.3	228.6
22234	68105	ZINC	2	308.3	367.0
22237	68105	ZINC	4	355.1	459.3
22238	68105	ZINC	5	251.0	374.8
22240	68105	ZINC	4	505.9	1080.9
22242	68105	ZINC	3	303.1	352.4
22243	68105	ZINC	3	188.8	243.5
22244	68105	ZINC	4	303.2	365.6
22246	68105	ZINC	4	208.5	466.9
22247	68105	ZINC	4	237.4	372.3
22249	68105	ZINC	4	256.4	328.3
22250	68105	ZINC	4	237.4	366.6
22252	68105	ZINC	3	452.9	568.3
22255	68105	ZINC	3	281.2	400.0
22258	68105	ZINC	4	330.7	650.3
22259	68105	ZINC	4	198.2	348.3
22262	68105	ZINC	3	272.3	508.2
22266	68105	ZINC	3	191.6	209.9
22267	68105	ZINC	5	746.9	1518.2
22273	68105	ZINC	4	212.7	269.6
22275	68105	ZINC	4	237.2	267.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22276	68105	ZINC	4	406.9	570.9
22277	68105	ZINC	2	186.7	260.0
22279	68105	ZINC	4	321.6	603.7
22280	68105	ZINC	3	341.2	524.3
22284	68105	ZINC	4	270.7	371.1
22286	68105	ZINC	1	248.8	248.8
22290	68105	ZINC	4	266.7	282.6
22293	68105	ZINC	4	423.9	634.3
22295	68105	ZINC	5	347.8	501.3
22298	68105	ZINC	4	186.8	217.9
22300	68105	ZINC	1	181.6	181.6
22303	68105	ZINC	4	248.8	291.7
22311	68105	ZINC	2	79.3	90.2
22317	68105	ZINC	2	102.3	102.9
22318	68105	ZINC	4	154.3	194.1
22320	68105	ZINC	4	550.3	1041.2
22325	68105	ZINC	2	271.7	372.1
22326	68105	ZINC	2	350.4	477.4
22329	68105	ZINC	4	263.4	341.3
22330	68105	ZINC	3	231.3	249.1
22331	68105	ZINC	4	344.9	477.5
22332	68105	ZINC	6	147.8	230.0
22334	68105	ZINC	4	116.1	126.2
22337	68105	ZINC	2	392.3	567.1
22339	68105	ZINC	4	141.2	161.1
22344	68105	ZINC	4	207.7	362.4
22345	68105	ZINC	4	234.6	303.7
22346	68105	ZINC	4	373.2	678.4
22348	68105	ZINC	3	206.9	262.1
22352	68105	ZINC	4	140.6	171.5
22353	68105	ZINC	2	188.0	191.6
22356	68105	ZINC	4	155.4	221.6
22357	68105	ZINC	4	473.2	678.0
22358	68105	ZINC	3	343.2	473.7
22359	68105	ZINC	4	254.2	426.3
22361	68105	ZINC	3	169.4	231.9
22362	68105	ZINC	4	207.5	243.4
22363	68105	ZINC	4	129.1	171.6
22365	68105	ZINC	5	173.7	215.3
22367	68105	ZINC	3	142.7	202.3
22370	68105	ZINC	2	246.9	279.3
22372	68105	ZINC	4	387.9	604.0
22373	68105	ZINC	3	131.1	148.7
22377	68105	ZINC	4	550.3	1005.6
22378	68105	ZINC	4	302.2	381.3
22382	68105	ZINC	4	85.1	103.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22383	68105	ZINC	4	130.0	154.7
22384	68105	ZINC	4	686.5	1057.5
22385	68105	ZINC	3	293.1	521.4
22386	68105	ZINC	3	325.6	429.4
22387	68105	ZINC	2	270.1	337.3
22389	68105	ZINC	3	238.6	247.6
22390	68105	ZINC	4	236.4	382.8
22391	68105	ZINC	4	359.2	582.4
22393	68105	ZINC	4	299.2	439.0
22398	68105	ZINC	5	194.6	233.0
22399	68105	ZINC	4	338.7	381.9
22400	68105	ZINC	4	212.6	247.6
22401	68105	ZINC	4	320.8	530.4
22402	68105	ZINC	4	163.1	177.6
22404	68105	ZINC	2	401.0	496.2
22405	68105	ZINC	4	317.4	395.0
22406	68105	ZINC	4	233.7	263.0
22407	68105	ZINC	3	303.5	496.9
22408	68105	ZINC	2	186.9	188.8
22410	68105	ZINC	4	174.1	244.6
22414	68105	ZINC	5	299.5	457.2
22416	68105	ZINC	4	302.5	353.4
22421	68105	ZINC	4	512.8	750.5
22425	68105	ZINC	4	360.1	705.3
22426	68105	ZINC	4	238.8	292.7
22429	68105	ZINC	4	172.3	195.4
22432	68105	ZINC	4	213.3	230.5
22434	68105	ZINC	4	228.0	288.3
22435	68105	ZINC	4	291.8	579.3
22436	68105	ZINC	2	296.7	300.9
22441	68105	ZINC	3	216.8	340.7
22442	68105	ZINC	4	320.3	410.3
22443	68105	ZINC	4	244.2	404.7
22444	68105	ZINC	4	265.0	439.1
22446	68105	ZINC	4	246.8	557.3
22448	68105	ZINC	4	286.6	427.4
22449	68105	ZINC	4	209.8	354.9
22450	68105	ZINC	4	239.5	476.3
22453	68105	ZINC	2	261.9	309.0
22458	68105	ZINC	5	196.8	214.9
22459	68105	ZINC	4	195.2	244.8
22460	68105	ZINC	4	282.2	364.6
22461	68105	ZINC	4	264.9	445.0
22462	68105	ZINC	4	158.3	189.5
22463	68105	ZINC	3	464.7	793.4
22465	68105	ZINC	4	146.5	177.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22466	68105	ZINC	4	178.3	211.3
22467	68105	ZINC	4	170.0	190.2
22473	68105	ZINC	4	447.0	546.5
22474	68105	ZINC	4	287.8	566.6
22475	68105	ZINC	3	145.9	181.4
22480	68105	ZINC	4	232.0	282.2
22482	68105	ZINC	4	275.3	355.9
22483	68105	ZINC	5	338.1	628.5
22484	68105	ZINC	4	220.3	305.1
22488	68105	ZINC	4	274.9	427.2
22490	68105	ZINC	5	182.0	331.0
22491	68105	ZINC	4	360.4	578.0
22496	68105	ZINC	4	234.0	405.7
22498	68105	ZINC	4	290.2	375.7
22501	68105	ZINC	3	251.8	383.9
22502	68105	ZINC	4	111.1	116.2
22503	68105	ZINC	4	179.3	267.0
22505	68105	ZINC	4	191.2	255.7
22506	68105	ZINC	4	229.1	431.2
22507	68105	ZINC	4	181.3	303.6
22510	68105	ZINC	3	315.2	638.5
22512	68105	ZINC	4	153.2	179.5
22515	68105	ZINC	4	206.0	250.7
22519	68105	ZINC	2	275.3	308.7
22521	68105	ZINC	4	223.6	289.8
22524	68105	ZINC	4	332.7	598.5
22525	68105	ZINC	4	179.0	213.5
22526	68105	ZINC	3	408.7	501.0
22528	68105	ZINC	5	108.2	155.4
22529	68105	ZINC	5	149.7	207.8
22530	68105	ZINC	4	310.2	370.3
22531	68105	ZINC	4	147.6	223.2
22532	68105	ZINC	4	350.6	648.7
22536	68105	ZINC	4	169.0	189.5
22537	68105	ZINC	4	240.8	390.8
22539	68105	ZINC	2	180.3	202.5
22542	68105	ZINC	3	223.9	237.6
22544	68105	ZINC	4	247.5	289.1
22545	68105	ZINC	4	402.5	635.8
22546	68105	ZINC	3	232.8	267.6
22547	68105	ZINC	4	313.7	400.1
22549	68105	ZINC	4	152.3	203.7
22550	68105	ZINC	4	128.2	263.6
22553	68105	ZINC	5	300.6	583.3
22559	68105	ZINC	4	247.7	300.5
22560	68105	ZINC	4	294.5	540.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22561	68105	ZINC	5	211.1	266.9
22562	68105	ZINC	2	485.3	485.3
22563	68105	ZINC	4	402.9	591.5
22564	68105	ZINC	4	191.9	254.5
22566	68105	ZINC	4	222.5	282.9
22567	68105	ZINC	3	248.8	276.2
22568	68105	ZINC	4	206.9	296.8
22571	68105	ZINC	4	469.3	773.4
22574	68105	ZINC	4	491.0	590.3
22577	68105	ZINC	2	501.2	567.8
22586	68105	ZINC	5	215.9	278.9
22587	68105	ZINC	4	223.6	277.9
22600	68105	ZINC	4	164.7	197.5
22601	68105	ZINC	4	231.6	279.3
22604	68105	ZINC	4	217.0	266.3
22606	68105	ZINC	3	152.9	189.8
22609	68105	ZINC	4	206.6	274.0
22610	68105	ZINC	3	208.6	270.5
22613	68105	ZINC	4	329.9	680.6
22618	68105	ZINC	4	212.3	412.6
22621	68105	ZINC	4	140.1	162.5
22622	68105	ZINC	4	369.9	604.1
22623	68105	ZINC	4	305.7	398.0
22624	68105	ZINC	2	225.6	276.4
22631	68105	ZINC	3	136.0	165.4
22633	68105	ZINC	4	319.2	440.3
22634	68105	ZINC	2	171.1	179.3
22636	68105	ZINC	3	108.1	136.0
22650	68105	ZINC	4	88.0	125.6
22654	68105	ZINC	4	157.4	185.0
22659	68105	ZINC	4	488.7	735.9
22660	68105	ZINC	4	163.8	200.0
22661	68105	ZINC	3	131.0	228.3
22662	68105	ZINC	4	125.0	137.2
22665	68105	ZINC	4	134.7	153.9
22667	68105	ZINC	3	127.5	155.3
22669	68105	ZINC	4	325.7	636.5
22670	68105	ZINC	5	150.5	201.3
22672	68105	ZINC	3	47.3	65.5
22673	68105	ZINC	4	219.7	390.6
22675	68105	ZINC	2	112.8	114.0
22678	68105	ZINC	2	328.4	426.8
22684	68105	ZINC	4	128.1	160.9
22685	68105	ZINC	4	139.7	180.4
22687	68105	ZINC	6	141.1	248.1
22691	68105	ZINC	2	93.7	98.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22692	68105	ZINC	2	174.7	205.0
22693	68105	ZINC	4	140.4	184.4
22695	68105	ZINC	1	391.7	391.7
22704	68105	ZINC	4	302.5	547.5
22710	68105	ZINC	3	291.2	316.4
22715	68105	ZINC	4	257.8	414.0
22716	68105	ZINC	4	294.0	354.0
22718	68105	ZINC	2	135.9	147.4
22720	68105	ZINC	2	193.7	214.2
22721	68105	ZINC	2	119.5	121.4
22723	68105	ZINC	4	118.0	182.5
22726	68105	ZINC	3	311.3	352.1
22733	68105	ZINC	1	160.1	160.1
22737	68105	ZINC	2	174.5	207.5
22739	68105	ZINC	2	184.0	225.1
22741	68105	ZINC	2	231.5	311.7
22742	68105	ZINC	4	323.2	542.8
22744	68105	ZINC	3	165.5	252.5
22748	68105	ZINC	4	240.6	261.5
22751	68105	ZINC	3	208.3	227.6
22752	68105	ZINC	4	232.1	347.9
22754	68105	ZINC	4	242.8	250.6
22755	68105	ZINC	4	279.5	462.1
22756	68105	ZINC	3	178.6	285.0
22757	68105	ZINC	4	345.8	416.1
22760	68105	ZINC	4	199.4	309.2
22761	68105	ZINC	4	97.5	148.9
22765	68105	ZINC	1	368.0	368.0
22767	68105	ZINC	4	444.8	539.6
22769	68105	ZINC	4	158.2	256.4
22772	68105	ZINC	3	304.6	356.0
22777	68105	ZINC	4	411.0	500.5
22778	68105	ZINC	4	263.8	420.4
22785	68105	ZINC	4	293.7	378.6
22787	68105	ZINC	4	437.6	473.7
22792	68105	ZINC	5	148.6	189.3
22796	68105	ZINC	4	140.6	163.1
22799	68105	ZINC	3	497.1	1010.0
22802	68105	ZINC	4	391.5	658.7
22804	68105	ZINC	4	671.1	811.1
22806	68105	ZINC	4	111.6	134.3
22816	68105	ZINC	2	232.2	262.4
22825	68105	ZINC	4	173.2	180.2
22827	68105	ZINC	4	196.3	286.7
22831	68105	ZINC	4	281.4	459.6
22832	68105	ZINC	4	178.2	251.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22861	68105	ZINC	2	374.2	506.6
22884	68105	ZINC	4	330.3	624.6
22893	68105	ZINC	1	325.1	325.1
49266	68105	ZINC	4	186.1	218.5
49271	68105	ZINC	5	329.5	525.0
49272	68105	ZINC	4	190.3	361.0
49288	68105	ZINC	4	368.2	583.4
49289	68105	ZINC	4	277.2	524.0
50443	68105	ZINC	2	300.1	331.2
50473	68105	ZINC	4	131.9	141.5
50474	68105	ZINC	4	120.2	140.4
50528	68105	ZINC	3	213.9	235.4
50541	68105	ZINC	3	426.0	609.1
50554	68105	ZINC	4	403.5	628.3
50574	68105	ZINC	4	136.8	175.0
50646	68105	ZINC	4	264.0	388.6
52326	68105	ZINC	2	96.5	103.0
66821	68105	ZINC	2	110.2	125.4
80194	68105	ZINC	4	120.4	125.3
87914	68105	ZINC	4	106.7	129.8
87915	68105	ZINC	4	99.3	103.1
87927	68105	ZINC	4	121.3	128.9
87941	68105	ZINC	2	86.6	95.1
88153	68105	ZINC	2	120.0	131.6
88154	68105	ZINC	4	108.4	125.4
89809	68105	ZINC	2	148.9	189.4
90028	68105	ZINC	4	198.6	269.5
90427	68105	ZINC	5	136.7	150.3
91239	68105	ZINC	4	189.0	329.2
93073	68105	ZINC	3	248.2	288.2
93118	68105	ZINC	4	100.9	112.0
93119	68105	ZINC	4	109.8	115.6
93120	68105	ZINC	4	104.5	110.2
93121	68105	ZINC	4	104.0	120.0
93122	68105	ZINC	4	108.0	124.5
93349	68105	ZINC	4	111.3	129.8
93350	68105	ZINC	4	109.8	137.8
93351	68105	ZINC	4	97.3	102.2
93352	68105	ZINC	4	110.0	124.5
93353	68105	ZINC	4	107.1	118.2
93354	68105	ZINC	4	112.1	118.2
93355	68105	ZINC	4	100.7	113.8
93356	68105	ZINC	4	108.4	125.4
93357	68105	ZINC	4	109.1	112.0
93358	68105	ZINC	4	107.7	121.8
93359	68105	ZINC	4	101.1	115.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
93360	68105	ZINC	4	121.3	169.0
93361	68105	ZINC	4	94.9	104.9
93362	68105	ZINC	4	116.2	136.0
93363	68105	ZINC	4	130.9	195.7
93364	68105	ZINC	4	99.1	107.6
93365	68105	ZINC	4	94.2	99.5
93366	68105	ZINC	4	113.3	146.7
93367	68105	ZINC	4	115.6	137.8
93368	68105	ZINC	4	96.4	104.0
93373	68105	ZINC	4	276.4	387.9
93378	68105	ZINC	5	127.5	216.1
93379	68105	ZINC	4	110.4	128.9
93380	68105	ZINC	4	105.1	109.3
93381	68105	ZINC	4	96.7	112.0
93382	68105	ZINC	4	100.0	109.3
93523	68105	ZINC	4	179.9	253.5
93524	68105	ZINC	4	337.4	892.5
93525	68105	ZINC	4	156.9	241.9
93559	68105	ZINC	4	327.8	712.8
49152	68106	ZINC	4	128.7	142.3
49531	68106	ZINC	4	385.9	935.0
49533	68106	ZINC	4	742.8	1358.9
49534	68106	ZINC	4	317.0	542.4
51004	68106	ZINC	4	259.3	380.8
51005	68106	ZINC	4	234.8	258.9
51006	68106	ZINC	5	181.8	196.1
51008	68106	ZINC	4	210.8	235.7
51011	68106	ZINC	5	485.8	1230.0
51012	68106	ZINC	4	168.3	203.0
51013	68106	ZINC	4	189.4	247.3
51014	68106	ZINC	4	168.8	254.0
51015	68106	ZINC	4	261.7	310.5
51016	68106	ZINC	4	282.9	440.7
51017	68106	ZINC	4	167.9	178.2
51018	68106	ZINC	4	190.1	313.1
51019	68106	ZINC	4	199.8	292.0
51020	68106	ZINC	4	188.8	217.9
51022	68106	ZINC	4	189.8	261.2
51024	68106	ZINC	4	195.0	297.2
51025	68106	ZINC	4	213.3	349.0
51026	68106	ZINC	4	247.8	383.8
51027	68106	ZINC	4	290.2	556.0
51028	68106	ZINC	4	219.9	308.7
51029	68106	ZINC	4	189.7	201.1
51030	68106	ZINC	4	196.3	224.5
51031	68106	ZINC	4	197.4	278.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51033	68106	ZINC	4	389.4	978.2
51034	68106	ZINC	4	185.1	349.8
51035	68106	ZINC	4	156.1	189.1
51036	68106	ZINC	4	282.6	621.4
51037	68106	ZINC	4	191.1	385.1
51038	68106	ZINC	4	158.8	208.2
51039	68106	ZINC	4	176.0	207.2
51040	68106	ZINC	5	249.0	576.5
51041	68106	ZINC	4	164.6	203.3
51043	68106	ZINC	4	119.1	137.0
51045	68106	ZINC	4	229.9	354.6
51046	68106	ZINC	4	102.1	116.7
51047	68106	ZINC	3	142.0	151.2
51048	68106	ZINC	4	187.2	300.4
51049	68106	ZINC	3	150.8	165.2
51050	68106	ZINC	3	136.5	157.2
51052	68106	ZINC	4	248.1	549.3
51053	68106	ZINC	4	167.2	181.1
51054	68106	ZINC	4	150.9	161.0
51056	68106	ZINC	4	133.2	145.0
51057	68106	ZINC	4	171.7	194.4
51058	68106	ZINC	4	147.0	170.0
51059	68106	ZINC	4	124.0	144.0
51061	68106	ZINC	4	186.3	303.7
51062	68106	ZINC	4	148.0	169.5
51064	68106	ZINC	5	139.7	209.0
51065	68106	ZINC	4	183.6	254.8
51066	68106	ZINC	4	175.7	264.5
51067	68106	ZINC	4	164.5	219.7
51068	68106	ZINC	3	164.2	213.5
51069	68106	ZINC	4	148.1	195.9
51070	68106	ZINC	4	163.4	209.2
51071	68106	ZINC	4	180.1	252.6
51072	68106	ZINC	5	160.5	185.3
51073	68106	ZINC	5	220.0	297.3
51074	68106	ZINC	4	186.9	223.7
51075	68106	ZINC	5	181.2	303.8
51076	68106	ZINC	4	391.9	870.1
51077	68106	ZINC	5	142.2	210.8
51078	68106	ZINC	4	147.1	181.2
51079	68106	ZINC	4	194.0	317.4
51080	68106	ZINC	4	191.7	333.6
51082	68106	ZINC	4	169.0	214.4
51083	68106	ZINC	4	200.4	312.5
51084	68106	ZINC	4	113.4	120.7
51085	68106	ZINC	4	160.3	180.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51086	68106	ZINC	4	252.7	435.9
51087	68106	ZINC	4	147.4	188.5
51088	68106	ZINC	4	253.5	475.1
51089	68106	ZINC	4	179.3	222.4
51090	68106	ZINC	5	160.3	204.5
51091	68106	ZINC	4	130.2	152.1
51092	68106	ZINC	4	191.9	285.6
51093	68106	ZINC	4	131.5	158.4
51094	68106	ZINC	4	175.8	232.5
51095	68106	ZINC	5	128.5	182.1
51097	68106	ZINC	4	262.5	529.4
51098	68106	ZINC	4	218.7	305.2
51099	68106	ZINC	4	173.9	239.7
51100	68106	ZINC	4	134.1	178.3
51101	68106	ZINC	4	128.7	155.4
51102	68106	ZINC	4	143.1	186.7
51103	68106	ZINC	5	167.8	218.1
51104	68106	ZINC	4	232.0	372.5
51105	68106	ZINC	4	203.0	278.0
51106	68106	ZINC	4	166.3	222.2
51107	68106	ZINC	4	156.9	175.0
51108	68106	ZINC	4	212.8	443.7
51109	68106	ZINC	4	168.4	215.5
51110	68106	ZINC	4	149.6	175.0
51111	68106	ZINC	4	299.8	653.1
51113	68106	ZINC	4	122.3	144.4
51114	68106	ZINC	4	197.8	292.4
51115	68106	ZINC	4	137.4	172.5
51116	68106	ZINC	3	126.7	165.6
51117	68106	ZINC	3	174.3	201.3
51118	68106	ZINC	4	161.5	209.9
51119	68106	ZINC	4	174.5	226.8
51120	68106	ZINC	4	142.8	184.0
51121	68106	ZINC	5	130.0	180.0
51122	68106	ZINC	3	191.5	220.6
51123	68106	ZINC	4	149.4	179.6
51124	68106	ZINC	3	179.8	211.2
51125	68106	ZINC	4	139.0	185.2
51126	68106	ZINC	4	197.9	400.4
51127	68106	ZINC	5	129.0	164.8
51129	68106	ZINC	4	137.9	182.0
51130	68106	ZINC	4	134.6	161.8
51131	68106	ZINC	5	95.6	135.1
51132	68106	ZINC	5	154.5	228.3
51133	68106	ZINC	4	140.3	169.0
51134	68106	ZINC	4	144.7	170.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51135	68106	ZINC	4	178.4	308.7
51136	68106	ZINC	5	218.4	406.2
51138	68106	ZINC	4	237.0	297.1
51139	68106	ZINC	4	201.9	215.1
51141	68106	ZINC	4	132.2	141.2
51142	68106	ZINC	4	136.6	151.2
51143	68106	ZINC	4	151.3	156.0
51144	68106	ZINC	4	130.9	150.2
51145	68106	ZINC	4	178.6	199.0
51146	68106	ZINC	3	141.4	147.6
51147	68106	ZINC	4	170.0	188.4
51148	68106	ZINC	4	157.7	200.7
51149	68106	ZINC	4	133.0	155.4
51150	68106	ZINC	5	167.9	201.0
51151	68106	ZINC	4	153.8	191.3
51153	68106	ZINC	4	187.7	241.7
51155	68106	ZINC	4	135.5	153.3
51156	68106	ZINC	4	119.4	121.7
51157	68106	ZINC	4	192.5	387.6
51158	68106	ZINC	4	148.7	176.8
51159	68106	ZINC	5	163.6	328.4
51160	68106	ZINC	4	179.3	220.0
51161	68106	ZINC	4	195.1	217.0
51162	68106	ZINC	4	145.1	192.7
51163	68106	ZINC	4	1222.1	2270.3
51164	68106	ZINC	3	130.4	137.8
51165	68106	ZINC	3	129.7	173.8
51166	68106	ZINC	5	177.1	220.6
51168	68106	ZINC	4	155.5	177.2
51169	68106	ZINC	5	136.8	150.4
51170	68106	ZINC	4	152.4	161.5
51172	68106	ZINC	4	152.5	184.2
51173	68106	ZINC	4	188.1	255.3
51174	68106	ZINC	5	135.5	152.1
51175	68106	ZINC	4	253.9	462.1
51176	68106	ZINC	4	166.5	194.3
51178	68106	ZINC	5	139.1	149.2
51179	68106	ZINC	4	136.1	172.1
51180	68106	ZINC	4	150.5	174.7
51181	68106	ZINC	4	136.8	162.5
51182	68106	ZINC	5	204.2	438.2
51183	68106	ZINC	4	142.0	163.5
51184	68106	ZINC	5	219.7	399.6
51185	68106	ZINC	4	166.6	195.3
51187	68106	ZINC	4	116.4	128.6
51188	68106	ZINC	4	154.7	168.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
7	68107	ZINC	4	223.7	268.1
21	68107	ZINC	2	123.4	179.7
23	68107	ZINC	4	102.1	166.9
24	68107	ZINC	4	166.4	218.4
30	68107	ZINC	6	148.8	186.3
31	68107	ZINC	3	271.1	373.5
34	68107	ZINC	4	204.9	248.9
35	68107	ZINC	6	239.5	804.8
36	68107	ZINC	4	253.3	403.6
37	68107	ZINC	4	123.1	197.0
38	68107	ZINC	4	142.0	182.5
40	68107	ZINC	5	240.2	320.1
47	68107	ZINC	5	137.8	212.0
49	68107	ZINC	4	194.6	211.3
56	68107	ZINC	4	236.1	442.7
57	68107	ZINC	6	211.7	495.8
79	68107	ZINC	4	168.5	180.1
81	68107	ZINC	4	234.8	268.8
83	68107	ZINC	4	205.8	276.3
85	68107	ZINC	4	278.6	396.8
87	68107	ZINC	3	142.3	154.9
88	68107	ZINC	4	195.5	234.8
93	68107	ZINC	5	168.0	240.0
99	68107	ZINC	3	176.7	241.2
106	68107	ZINC	5	320.0	580.9
125	68107	ZINC	4	73.5	96.1
174	68107	ZINC	4	114.9	157.3
409	68107	ZINC	4	269.5	372.9
503	68107	ZINC	4	206.2	534.9
506	68107	ZINC	3	122.6	209.7
629	68107	ZINC	4	164.6	271.0
904	68107	ZINC	4	204.5	362.3
924	68107	ZINC	4	467.3	966.4
930	68107	ZINC	4	177.3	194.3
994	68107	ZINC	4	136.8	167.3
1013	68107	ZINC	4	278.7	445.6
1057	68107	ZINC	3	169.0	223.8
1072	68107	ZINC	4	475.1	992.7
1083	68107	ZINC	4	84.0	142.7
1084	68107	ZINC	4	108.0	128.8
1093	68107	ZINC	4	318.5	477.6
1095	68107	ZINC	4	225.7	279.3
1099	68107	ZINC	4	206.5	307.1
1104	68107	ZINC	4	97.7	131.1
1106	68107	ZINC	5	197.3	251.0
1122	68107	ZINC	4	145.5	309.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1123	68107	ZINC	2	252.9	346.6
1133	68107	ZINC	4	112.1	151.0
1140	68107	ZINC	5	145.5	200.2
1164	68107	ZINC	4	233.9	498.6
1183	68107	ZINC	4	93.8	130.2
1196	68107	ZINC	3	191.5	223.6
1203	68107	ZINC	3	202.1	314.6
1210	68107	ZINC	5	236.8	484.0
1215	68107	ZINC	4	243.9	356.0
1222	68107	ZINC	4	272.3	339.1
1224	68107	ZINC	4	220.2	291.8
1226	68107	ZINC	3	223.8	313.9
1234	68107	ZINC	4	135.3	299.4
1235	68107	ZINC	4	184.0	393.2
1236	68107	ZINC	4	127.2	157.8
1239	68107	ZINC	4	185.6	258.9
1243	68107	ZINC	2	122.4	177.3
1256	68107	ZINC	4	159.3	218.6
1274	68107	ZINC	2	88.6	113.3
1279	68107	ZINC	3	125.3	156.2
1281	68107	ZINC	4	274.5	418.2
1290	68107	ZINC	5	295.0	467.3
1291	68107	ZINC	3	223.8	280.7
1316	68107	ZINC	4	391.3	630.0
1318	68107	ZINC	6	232.3	393.6
1321	68107	ZINC	4	172.5	217.7
1322	68107	ZINC	4	321.8	469.4
1326	68107	ZINC	4	186.7	311.9
1328	68107	ZINC	4	227.7	321.7
1332	68107	ZINC	4	260.5	315.3
1344	68107	ZINC	4	163.9	193.3
1347	68107	ZINC	4	347.5	520.3
1348	68107	ZINC	4	156.5	217.9
1349	68107	ZINC	5	210.1	267.8
1355	68107	ZINC	4	170.0	204.4
1356	68107	ZINC	4	144.6	255.6
1357	68107	ZINC	3	155.2	219.9
1359	68107	ZINC	4	402.8	657.4
1362	68107	ZINC	4	161.1	264.7
1363	68107	ZINC	4	136.4	215.4
1364	68107	ZINC	5	107.3	151.4
1370	68107	ZINC	3	226.0	266.0
1374	68107	ZINC	3	255.0	285.9
1384	68107	ZINC	2	195.2	265.4
1385	68107	ZINC	3	373.3	528.9
1401	68107	ZINC	4	174.8	288.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1414	68107	ZINC	3	211.1	260.6
1417	68107	ZINC	5	170.1	204.1
1455	68107	ZINC	4	66.7	103.5
1463	68107	ZINC	5	67.7	81.5
1465	68107	ZINC	5	70.8	79.0
1467	68107	ZINC	3	65.8	82.5
1470	68107	ZINC	4	272.0	415.7
1475	68107	ZINC	4	351.0	481.9
1477	68107	ZINC	4	622.0	1803.0
1478	68107	ZINC	5	322.9	677.3
1492	68107	ZINC	3	390.1	491.5
1496	68107	ZINC	5	235.0	370.3
1504	68107	ZINC	4	56.3	65.5
1506	68107	ZINC	4	100.8	140.9
1547	68107	ZINC	4	114.6	149.5
1548	68107	ZINC	4	122.5	190.4
1607	68107	ZINC	4	118.9	162.7
1611	68107	ZINC	4	213.3	253.5
1614	68107	ZINC	3	215.4	343.8
1615	68107	ZINC	3	113.8	162.0
1624	68107	ZINC	4	318.5	466.6
1625	68107	ZINC	3	93.7	127.9
1631	68107	ZINC	4	182.2	225.0
1632	68107	ZINC	3	202.6	227.9
2001	68107	ZINC	1	167.4	167.4
2030	68107	ZINC	5	243.4	279.0
2033	68107	ZINC	4	175.3	264.4
2038	68107	ZINC	4	64.7	89.8
2056	68107	ZINC	4	264.8	354.0
2059	68107	ZINC	3	351.8	430.1
2068	68107	ZINC	4	295.7	386.3
2096	68107	ZINC	4	161.5	322.6
2104	68107	ZINC	5	361.1	675.2
2124	68107	ZINC	5	66.0	107.9
2167	68107	ZINC	4	107.9	134.7
2172	68107	ZINC	4	205.6	250.8
2197	68107	ZINC	5	151.4	361.0
2206	68107	ZINC	4	233.0	417.1
2218	68107	ZINC	4	340.3	508.2
2220	68107	ZINC	5	235.2	322.0
2249	68107	ZINC	5	358.9	418.9
2252	68107	ZINC	4	150.2	224.9
2259	68107	ZINC	4	117.5	144.7
2273	68107	ZINC	5	203.6	253.3
2292	68107	ZINC	4	124.8	136.0
2293	68107	ZINC	4	191.0	217.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
2303	68107	ZINC	3	344.1	471.2
2330	68107	ZINC	4	237.0	298.2
2350	68107	ZINC	6	146.6	261.4
2376	68107	ZINC	5	213.0	335.0
2377	68107	ZINC	5	135.6	157.1
2384	68107	ZINC	4	326.5	667.0
2410	68107	ZINC	5	350.9	574.4
2444	68107	ZINC	5	469.1	885.2
2477	68107	ZINC	5	207.4	243.2
2478	68107	ZINC	6	231.4	331.5
2479	68107	ZINC	4	281.0	291.5
2483	68107	ZINC	4	316.9	550.4
2485	68107	ZINC	4	220.4	282.1
2490	68107	ZINC	4	233.4	267.8
2492	68107	ZINC	4	163.6	203.7
2494	68107	ZINC	4	271.1	361.5
2496	68107	ZINC	4	359.9	522.6
2497	68107	ZINC	5	305.0	393.1
2498	68107	ZINC	4	169.8	212.8
2499	68107	ZINC	4	421.5	583.3
2500	68107	ZINC	5	217.8	318.8
2504	68107	ZINC	4	140.5	185.3
2506	68107	ZINC	4	468.9	623.1
2509	68107	ZINC	4	364.7	426.1
2510	68107	ZINC	3	228.4	329.9
2512	68107	ZINC	5	230.1	310.2
2513	68107	ZINC	4	238.1	280.2
2514	68107	ZINC	4	146.6	200.1
3003	68107	ZINC	5	130.9	178.0
3004	68107	ZINC	6	233.4	396.1
3021	68107	ZINC	4	287.6	346.6
3047	68107	ZINC	4	221.9	383.8
3074	68107	ZINC	2	167.2	173.3
3083	68107	ZINC	2	348.6	501.8
3121	68107	ZINC	4	213.7	354.6
3157	68107	ZINC	6	207.6	481.3
3188	68107	ZINC	3	157.0	170.6
3194	68107	ZINC	5	131.8	149.6
3210	68107	ZINC	4	454.4	627.0
3223	68107	ZINC	5	181.0	239.0
5005	68107	ZINC	4	179.8	240.7
5010	68107	ZINC	4	177.2	296.6
5064	68107	ZINC	4	216.5	305.0
5065	68107	ZINC	4	182.7	267.6
5066	68107	ZINC	3	257.9	584.4
5067	68107	ZINC	4	166.2	210.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5068	68107	ZINC	3	224.5	259.2
5069	68107	ZINC	4	78.8	112.4
5070	68107	ZINC	4	189.4	310.6
5071	68107	ZINC	4	132.2	186.5
5072	68107	ZINC	4	148.4	186.0
5073	68107	ZINC	4	225.1	265.1
5076	68107	ZINC	4	321.4	456.6
5077	68107	ZINC	4	338.7	524.2
5130	68107	ZINC	4	139.4	283.6
5131	68107	ZINC	4	83.7	119.7
5157	68107	ZINC	4	374.2	664.2
5158	68107	ZINC	4	226.6	316.5
5159	68107	ZINC	4	273.4	416.0
5160	68107	ZINC	4	336.4	454.5
5161	68107	ZINC	4	112.4	146.2
5162	68107	ZINC	4	189.6	269.9
5163	68107	ZINC	4	114.9	131.0
5164	68107	ZINC	4	241.7	518.6
5165	68107	ZINC	4	233.5	310.0
5166	68107	ZINC	4	164.6	222.4
5172	68107	ZINC	4	306.1	395.0
5173	68107	ZINC	4	267.5	363.0
5174	68107	ZINC	4	170.9	213.5
5175	68107	ZINC	4	381.8	568.4
5176	68107	ZINC	4	231.5	376.5
5177	68107	ZINC	4	186.8	273.8
5178	68107	ZINC	4	187.2	276.0
5179	68107	ZINC	4	295.1	446.3
5180	68107	ZINC	4	267.4	406.0
5181	68107	ZINC	4	295.6	363.9
5182	68107	ZINC	4	211.6	229.3
5183	68107	ZINC	4	146.3	171.0
5184	68107	ZINC	4	231.7	307.6
5185	68107	ZINC	4	180.5	258.1
5209	68107	ZINC	4	140.1	217.4
5210	68107	ZINC	4	302.7	624.6
5211	68107	ZINC	4	112.6	192.5
5212	68107	ZINC	4	99.1	119.7
5213	68107	ZINC	4	84.3	123.8
5214	68107	ZINC	4	90.4	117.6
10001	68107	ZINC	6	177.7	352.0
10002	68107	ZINC	4	210.5	253.3
10005	68107	ZINC	4	109.2	136.1
10007	68107	ZINC	5	292.2	508.7
10008	68107	ZINC	5	199.7	374.2
10009	68107	ZINC	4	271.1	513.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10010	68107	ZINC	4	284.9	382.6
10011	68107	ZINC	4	299.1	428.3
10015	68107	ZINC	4	134.3	181.2
10016	68107	ZINC	4	594.3	726.4
10018	68107	ZINC	4	314.3	460.0
10019	68107	ZINC	3	207.8	281.6
10021	68107	ZINC	5	208.6	225.0
10024	68107	ZINC	4	278.4	310.5
10025	68107	ZINC	3	165.6	271.2
10026	68107	ZINC	4	309.6	350.5
10028	68107	ZINC	4	373.0	795.1
10029	68107	ZINC	2	344.9	445.1
10030	68107	ZINC	4	239.1	396.6
10032	68107	ZINC	4	254.2	459.5
10033	68107	ZINC	3	122.1	160.3
10034	68107	ZINC	4	241.5	288.7
10035	68107	ZINC	4	483.7	736.7
10036	68107	ZINC	5	305.8	375.9
10038	68107	ZINC	6	292.7	418.8
10039	68107	ZINC	4	212.8	333.4
10040	68107	ZINC	4	196.4	239.2
10041	68107	ZINC	4	345.7	657.1
10042	68107	ZINC	4	247.5	310.1
10043	68107	ZINC	3	189.9	209.4
10044	68107	ZINC	5	153.9	187.7
10045	68107	ZINC	5	540.7	1052.6
10046	68107	ZINC	4	284.9	371.0
10048	68107	ZINC	4	339.0	475.8
10052	68107	ZINC	6	261.4	367.8
10053	68107	ZINC	4	321.4	463.1
10054	68107	ZINC	4	290.8	339.9
10055	68107	ZINC	5	342.2	480.1
10057	68107	ZINC	4	242.0	373.4
10059	68107	ZINC	4	238.4	300.8
10062	68107	ZINC	5	217.5	438.1
10063	68107	ZINC	4	176.5	231.3
10066	68107	ZINC	3	264.6	355.6
10067	68107	ZINC	4	291.3	306.9
10068	68107	ZINC	2	308.7	363.9
10069	68107	ZINC	6	313.5	510.7
10070	68107	ZINC	4	217.8	317.2
10071	68107	ZINC	6	201.5	294.0
10072	68107	ZINC	6	184.2	212.7
10073	68107	ZINC	4	303.6	535.1
10074	68107	ZINC	4	264.9	556.8
10075	68107	ZINC	5	212.0	324.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10076	68107	ZINC	4	384.7	470.3
10077	68107	ZINC	2	243.7	244.2
10078	68107	ZINC	4	195.7	421.4
10079	68107	ZINC	5	194.0	240.2
10083	68107	ZINC	4	442.3	598.8
10087	68107	ZINC	4	216.6	247.0
10088	68107	ZINC	4	206.5	319.7
10089	68107	ZINC	4	265.0	367.4
10090	68107	ZINC	4	293.9	346.7
10091	68107	ZINC	4	283.9	438.3
10093	68107	ZINC	4	298.1	421.4
10094	68107	ZINC	4	231.7	291.8
10095	68107	ZINC	5	289.0	391.5
10096	68107	ZINC	4	179.6	248.6
10097	68107	ZINC	3	348.1	382.6
10098	68107	ZINC	5	191.5	240.9
10099	68107	ZINC	2	305.6	344.5
10100	68107	ZINC	3	312.4	415.4
10102	68107	ZINC	3	527.8	620.0
10103	68107	ZINC	4	802.3	1165.0
10104	68107	ZINC	4	346.7	437.9
10105	68107	ZINC	3	355.2	404.3
10108	68107	ZINC	4	265.2	343.1
10109	68107	ZINC	4	404.3	622.7
10110	68107	ZINC	5	276.6	389.7
10111	68107	ZINC	4	322.4	512.0
10112	68107	ZINC	5	109.0	128.2
10115	68107	ZINC	6	119.8	167.4
10116	68107	ZINC	5	261.6	373.9
10117	68107	ZINC	5	470.1	1309.1
10118	68107	ZINC	4	390.9	535.9
10119	68107	ZINC	4	322.5	630.7
10120	68107	ZINC	5	197.4	261.9
10122	68107	ZINC	4	110.2	123.2
10126	68107	ZINC	4	308.6	330.9
10127	68107	ZINC	5	294.8	558.0
10128	68107	ZINC	6	106.8	162.9
10130	68107	ZINC	4	346.6	475.2
10131	68107	ZINC	5	213.5	355.6
10133	68107	ZINC	1	837.7	837.7
10134	68107	ZINC	6	140.6	157.5
10135	68107	ZINC	4	193.9	237.2
10137	68107	ZINC	5	179.1	253.2
10138	68107	ZINC	5	96.1	130.0
10140	68107	ZINC	4	229.6	418.9
10141	68107	ZINC	4	234.6	412.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10143	68107	ZINC	4	126.1	167.6
10144	68107	ZINC	4	225.5	274.7
10146	68107	ZINC	4	247.2	362.2
10148	68107	ZINC	3	330.7	455.0
10149	68107	ZINC	4	288.9	364.4
10150	68107	ZINC	4	224.4	253.5
10151	68107	ZINC	4	171.3	198.3
10154	68107	ZINC	4	183.2	208.1
10158	68107	ZINC	5	294.1	333.6
10159	68107	ZINC	4	401.3	754.2
10160	68107	ZINC	3	312.7	575.3
10162	68107	ZINC	4	129.6	149.5
10163	68107	ZINC	3	361.8	404.8
10164	68107	ZINC	4	286.7	396.8
10165	68107	ZINC	5	171.5	267.2
10166	68107	ZINC	5	254.3	299.6
10167	68107	ZINC	5	282.6	451.0
10169	68107	ZINC	4	199.7	245.5
10171	68107	ZINC	4	170.8	298.9
10172	68107	ZINC	4	305.0	436.0
10173	68107	ZINC	4	344.8	428.9
10175	68107	ZINC	4	208.8	262.4
10177	68107	ZINC	5	184.7	421.0
10178	68107	ZINC	4	214.3	308.3
10179	68107	ZINC	4	467.7	822.4
10180	68107	ZINC	4	175.1	313.1
10181	68107	ZINC	5	153.7	222.6
10182	68107	ZINC	4	303.1	367.0
10183	68107	ZINC	4	574.8	798.3
10184	68107	ZINC	4	274.8	306.9
10192	68107	ZINC	4	252.6	336.6
10194	68107	ZINC	4	525.6	777.9
10195	68107	ZINC	4	297.7	317.0
10196	68107	ZINC	4	322.6	383.7
10197	68107	ZINC	4	312.9	372.8
10200	68107	ZINC	4	150.8	201.7
10201	68107	ZINC	5	193.6	260.6
10202	68107	ZINC	4	167.6	197.0
10203	68107	ZINC	5	315.3	594.3
10204	68107	ZINC	3	440.3	526.1
10205	68107	ZINC	4	532.1	625.1
10206	68107	ZINC	3	287.5	335.5
10208	68107	ZINC	5	148.1	166.8
10209	68107	ZINC	4	176.0	252.3
10211	68107	ZINC	5	710.5	1683.8
10212	68107	ZINC	4	214.7	254.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10213	68107	ZINC	4	215.2	255.6
10214	68107	ZINC	5	255.2	307.0
10215	68107	ZINC	6	220.6	313.1
10218	68107	ZINC	4	469.8	574.8
10222	68107	ZINC	4	418.1	575.3
10223	68107	ZINC	6	193.1	292.3
10224	68107	ZINC	5	236.5	395.7
10225	68107	ZINC	4	184.1	220.4
10226	68107	ZINC	4	172.8	222.5
10227	68107	ZINC	4	493.8	747.5
10229	68107	ZINC	5	214.2	327.5
10230	68107	ZINC	4	184.6	282.0
10231	68107	ZINC	4	297.3	369.2
10232	68107	ZINC	4	401.9	557.4
10233	68107	ZINC	4	177.8	250.9
10236	68107	ZINC	4	201.0	221.5
10237	68107	ZINC	4	235.5	413.6
10239	68107	ZINC	5	203.3	222.0
10240	68107	ZINC	5	323.1	432.8
10241	68107	ZINC	4	447.0	583.2
10242	68107	ZINC	4	255.9	364.9
10243	68107	ZINC	4	143.8	189.4
10244	68107	ZINC	4	231.3	297.1
10246	68107	ZINC	4	154.6	201.3
10247	68107	ZINC	4	215.4	342.5
10248	68107	ZINC	4	247.8	472.5
10249	68107	ZINC	4	271.5	314.0
10251	68107	ZINC	5	198.2	317.8
10252	68107	ZINC	4	370.1	686.9
10253	68107	ZINC	3	387.9	440.4
10254	68107	ZINC	4	431.4	1145.2
10256	68107	ZINC	4	290.5	503.3
10257	68107	ZINC	5	173.9	279.8
10258	68107	ZINC	6	180.9	236.6
10259	68107	ZINC	4	336.7	466.9
10260	68107	ZINC	4	304.9	619.5
10261	68107	ZINC	4	129.3	182.5
10262	68107	ZINC	3	278.7	334.7
10263	68107	ZINC	5	194.6	258.6
10264	68107	ZINC	4	180.1	242.7
10265	68107	ZINC	6	410.6	616.2
10266	68107	ZINC	5	234.6	353.4
10269	68107	ZINC	4	336.7	421.7
10272	68107	ZINC	4	264.0	324.9
10273	68107	ZINC	4	321.8	440.2
10274	68107	ZINC	4	183.5	274.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10275	68107	ZINC	5	154.5	265.9
10276	68107	ZINC	3	180.8	246.4
10277	68107	ZINC	2	540.1	732.3
10279	68107	ZINC	4	265.3	293.3
10280	68107	ZINC	5	160.8	204.6
10281	68107	ZINC	4	252.8	387.1
10283	68107	ZINC	4	564.1	1144.8
10286	68107	ZINC	5	251.9	351.5
10288	68107	ZINC	4	288.1	496.7
10289	68107	ZINC	4	231.7	298.0
10290	68107	ZINC	4	326.3	569.0
10291	68107	ZINC	5	348.7	493.3
10293	68107	ZINC	4	233.5	336.4
10294	68107	ZINC	4	171.3	315.5
10295	68107	ZINC	4	203.4	217.5
10296	68107	ZINC	5	157.8	183.9
10297	68107	ZINC	4	174.5	195.6
10298	68107	ZINC	4	238.8	305.9
10299	68107	ZINC	3	239.2	284.2
10300	68107	ZINC	4	177.8	280.0
10301	68107	ZINC	5	334.1	399.5
10302	68107	ZINC	5	201.8	257.0
10303	68107	ZINC	3	414.3	429.7
10304	68107	ZINC	3	182.8	194.0
10305	68107	ZINC	5	444.1	685.5
10306	68107	ZINC	4	112.1	160.1
10308	68107	ZINC	4	498.9	752.0
10309	68107	ZINC	4	225.3	337.2
10310	68107	ZINC	5	360.4	540.0
10311	68107	ZINC	5	305.0	518.6
10313	68107	ZINC	4	508.3	630.3
10314	68107	ZINC	4	267.2	340.1
10315	68107	ZINC	4	451.0	727.1
10316	68107	ZINC	5	232.7	270.6
10317	68107	ZINC	6	150.7	202.3
10318	68107	ZINC	6	170.8	215.6
10320	68107	ZINC	4	149.9	272.1
10322	68107	ZINC	5	244.6	409.7
10324	68107	ZINC	4	216.7	473.0
10326	68107	ZINC	4	312.7	378.1
10327	68107	ZINC	4	262.9	335.2
10328	68107	ZINC	4	328.2	652.2
10329	68107	ZINC	4	417.9	789.4
10330	68107	ZINC	4	224.8	275.4
10331	68107	ZINC	4	356.2	446.6
10332	68107	ZINC	4	434.2	691.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10333	68107	ZINC	5	517.0	1430.0
10334	68107	ZINC	4	253.4	349.3
10337	68107	ZINC	4	256.5	360.4
10338	68107	ZINC	4	295.5	339.8
10339	68107	ZINC	4	192.7	243.7
10340	68107	ZINC	3	256.6	352.0
10342	68107	ZINC	4	226.5	434.7
10343	68107	ZINC	3	120.5	128.2
10344	68107	ZINC	6	237.8	436.3
10345	68107	ZINC	4	197.0	231.7
10346	68107	ZINC	4	229.2	295.9
10347	68107	ZINC	4	430.9	836.6
10348	68107	ZINC	6	223.8	266.5
10349	68107	ZINC	4	198.5	230.7
10351	68107	ZINC	4	222.2	271.5
10352	68107	ZINC	4	286.4	373.0
10353	68107	ZINC	4	171.2	230.9
10354	68107	ZINC	4	163.7	192.4
10356	68107	ZINC	4	111.9	223.9
10358	68107	ZINC	3	306.6	435.8
10359	68107	ZINC	5	320.9	642.0
10360	68107	ZINC	5	194.8	213.5
10362	68107	ZINC	4	434.0	936.4
10364	68107	ZINC	5	406.0	627.6
10367	68107	ZINC	4	178.4	285.2
10369	68107	ZINC	4	199.7	373.5
10370	68107	ZINC	5	279.8	378.4
10371	68107	ZINC	4	101.2	215.8
10372	68107	ZINC	4	217.9	310.6
10374	68107	ZINC	4	189.1	283.3
10375	68107	ZINC	4	227.8	293.8
10376	68107	ZINC	4	370.8	538.4
10377	68107	ZINC	5	245.0	433.4
10378	68107	ZINC	6	150.7	227.5
10381	68107	ZINC	5	69.5	108.9
10382	68107	ZINC	6	311.2	363.6
10383	68107	ZINC	4	211.1	235.3
10385	68107	ZINC	4	170.7	210.9
10386	68107	ZINC	4	170.1	196.9
10387	68107	ZINC	6	139.2	204.3
10388	68107	ZINC	4	151.8	217.1
10389	68107	ZINC	5	342.3	720.2
10390	68107	ZINC	3	245.4	320.2
10392	68107	ZINC	4	451.6	493.3
10394	68107	ZINC	4	182.3	276.2
10395	68107	ZINC	4	179.5	218.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10396	68107	ZINC	4	252.0	329.2
10397	68107	ZINC	4	169.5	190.1
10398	68107	ZINC	4	330.0	459.1
10401	68107	ZINC	4	133.1	155.0
10402	68107	ZINC	5	228.4	302.6
10403	68107	ZINC	4	210.5	287.0
10404	68107	ZINC	5	152.6	193.1
10405	68107	ZINC	4	163.0	192.3
10407	68107	ZINC	4	261.5	357.6
10408	68107	ZINC	4	179.4	312.2
10409	68107	ZINC	4	310.9	385.2
10410	68107	ZINC	5	454.5	611.6
10412	68107	ZINC	4	242.9	355.2
10413	68107	ZINC	3	195.9	297.4
10414	68107	ZINC	4	243.7	343.4
10415	68107	ZINC	5	151.0	167.6
10416	68107	ZINC	4	262.6	409.6
10417	68107	ZINC	5	255.2	424.8
10418	68107	ZINC	3	170.0	187.4
10419	68107	ZINC	4	192.3	319.0
10421	68107	ZINC	4	264.5	416.8
10422	68107	ZINC	5	189.1	362.2
10425	68107	ZINC	3	125.7	176.3
10427	68107	ZINC	4	248.5	365.6
10428	68107	ZINC	3	218.4	252.3
10429	68107	ZINC	4	223.1	331.1
10430	68107	ZINC	5	251.1	319.0
10431	68107	ZINC	4	182.8	277.8
10432	68107	ZINC	4	205.9	302.0
10433	68107	ZINC	4	323.9	464.2
10434	68107	ZINC	5	286.9	410.0
10436	68107	ZINC	4	258.8	381.0
10437	68107	ZINC	5	122.0	200.4
10438	68107	ZINC	3	281.4	314.7
10439	68107	ZINC	4	111.2	137.4
10440	68107	ZINC	4	208.5	283.0
10441	68107	ZINC	4	239.8	390.2
10443	68107	ZINC	5	142.0	326.3
10445	68107	ZINC	5	219.6	313.5
10447	68107	ZINC	4	226.6	293.5
10449	68107	ZINC	4	221.2	297.1
10450	68107	ZINC	4	329.3	480.3
10451	68107	ZINC	4	216.6	322.4
10452	68107	ZINC	3	239.1	346.6
10453	68107	ZINC	4	155.0	191.0
10454	68107	ZINC	4	489.7	1073.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10455	68107	ZINC	4	539.8	1060.0
10456	68107	ZINC	4	278.2	456.4
10457	68107	ZINC	6	174.7	265.4
10458	68107	ZINC	4	205.1	327.5
10459	68107	ZINC	4	219.5	297.7
10461	68107	ZINC	5	364.4	640.7
10462	68107	ZINC	5	185.1	256.2
10463	68107	ZINC	4	416.8	560.6
10464	68107	ZINC	4	237.2	345.5
10466	68107	ZINC	4	216.7	280.6
10467	68107	ZINC	5	230.0	377.1
10468	68107	ZINC	4	288.8	352.6
10469	68107	ZINC	4	235.8	407.8
10470	68107	ZINC	5	227.0	382.8
10471	68107	ZINC	3	601.7	782.1
10472	68107	ZINC	3	180.3	217.5
10473	68107	ZINC	4	161.0	214.4
10474	68107	ZINC	4	473.5	546.7
10475	68107	ZINC	4	180.6	231.3
10478	68107	ZINC	3	262.2	351.1
10480	68107	ZINC	5	171.5	260.1
10481	68107	ZINC	4	88.4	97.0
10483	68107	ZINC	4	151.2	253.7
10484	68107	ZINC	5	246.4	376.0
10485	68107	ZINC	4	145.2	155.5
10486	68107	ZINC	4	148.2	183.0
10488	68107	ZINC	4	182.8	289.1
10489	68107	ZINC	4	240.1	309.2
10490	68107	ZINC	5	217.5	318.7
10491	68107	ZINC	5	222.2	304.8
10492	68107	ZINC	4	220.4	325.0
10494	68107	ZINC	4	342.3	420.8
10495	68107	ZINC	4	445.6	648.2
10496	68107	ZINC	4	233.9	373.4
10497	68107	ZINC	3	311.3	347.7
10499	68107	ZINC	5	558.6	1377.5
10500	68107	ZINC	4	522.3	589.0
10501	68107	ZINC	4	400.9	528.9
10503	68107	ZINC	1	419.1	419.1
10504	68107	ZINC	5	354.7	660.9
10505	68107	ZINC	4	354.8	511.0
10506	68107	ZINC	4	125.1	151.2
10508	68107	ZINC	4	399.6	640.7
10510	68107	ZINC	5	222.1	407.6
10511	68107	ZINC	5	393.4	475.5
10512	68107	ZINC	5	158.8	170.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10513	68107	ZINC	4	221.2	251.1
10515	68107	ZINC	4	187.7	298.0
10516	68107	ZINC	4	321.0	599.6
10518	68107	ZINC	5	184.1	235.4
10519	68107	ZINC	4	207.6	338.6
10520	68107	ZINC	5	268.7	656.3
10521	68107	ZINC	4	148.0	179.1
10522	68107	ZINC	5	205.5	457.6
10523	68107	ZINC	3	220.9	251.9
10524	68107	ZINC	4	187.0	281.1
10525	68107	ZINC	4	167.8	192.1
10526	68107	ZINC	5	195.6	258.4
10527	68107	ZINC	5	227.5	331.8
10528	68107	ZINC	4	346.8	372.3
10530	68107	ZINC	4	133.8	181.5
10531	68107	ZINC	4	332.7	374.7
10532	68107	ZINC	4	166.3	190.7
10533	68107	ZINC	4	206.7	449.1
10534	68107	ZINC	4	305.7	346.4
10535	68107	ZINC	4	221.5	324.9
10536	68107	ZINC	4	291.9	506.2
10537	68107	ZINC	4	145.8	166.3
10538	68107	ZINC	3	375.7	523.1
10539	68107	ZINC	5	212.5	225.4
10540	68107	ZINC	2	208.6	304.8
10542	68107	ZINC	5	183.9	257.4
10543	68107	ZINC	5	373.3	802.9
10544	68107	ZINC	3	157.5	192.3
10545	68107	ZINC	4	291.6	400.8
10546	68107	ZINC	5	126.4	167.8
10547	68107	ZINC	5	177.0	288.2
10548	68107	ZINC	4	215.3	346.0
10550	68107	ZINC	4	211.8	311.8
10552	68107	ZINC	3	277.1	408.3
10555	68107	ZINC	4	258.3	463.8
10556	68107	ZINC	4	293.4	493.2
10557	68107	ZINC	4	329.9	404.1
10558	68107	ZINC	5	222.5	292.8
10561	68107	ZINC	5	141.8	166.5
10562	68107	ZINC	4	343.6	582.8
10563	68107	ZINC	4	275.2	395.0
10564	68107	ZINC	4	327.2	448.9
10566	68107	ZINC	4	383.6	503.8
10567	68107	ZINC	4	216.6	306.9
10568	68107	ZINC	4	198.1	291.9
10569	68107	ZINC	4	208.5	288.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10570	68107	ZINC	4	357.9	597.9
10571	68107	ZINC	4	256.3	300.3
10572	68107	ZINC	4	353.1	485.0
10573	68107	ZINC	4	126.7	151.5
10575	68107	ZINC	5	182.1	253.1
10576	68107	ZINC	4	191.2	274.1
10577	68107	ZINC	4	322.6	507.0
10578	68107	ZINC	4	340.4	519.1
10579	68107	ZINC	5	211.2	244.6
10580	68107	ZINC	4	231.1	311.5
10581	68107	ZINC	3	256.4	317.6
10582	68107	ZINC	4	494.0	625.3
10583	68107	ZINC	6	251.0	342.0
10584	68107	ZINC	2	184.0	227.9
10585	68107	ZINC	4	141.7	162.9
10587	68107	ZINC	4	128.3	176.2
10588	68107	ZINC	4	203.5	356.0
10589	68107	ZINC	4	355.0	492.0
10591	68107	ZINC	4	274.9	361.2
10592	68107	ZINC	5	233.3	364.9
10597	68107	ZINC	4	304.7	436.9
10598	68107	ZINC	6	177.9	240.6
10599	68107	ZINC	4	242.9	439.3
10600	68107	ZINC	4	208.5	233.8
10601	68107	ZINC	4	202.5	277.6
10604	68107	ZINC	4	333.9	417.6
10607	68107	ZINC	4	468.9	738.1
10608	68107	ZINC	3	189.0	194.6
10609	68107	ZINC	5	467.7	1044.9
10610	68107	ZINC	5	339.7	398.0
10611	68107	ZINC	4	204.4	227.3
10612	68107	ZINC	4	155.5	235.4
10613	68107	ZINC	3	141.4	173.4
10614	68107	ZINC	4	276.3	447.1
10615	68107	ZINC	2	167.8	173.1
10616	68107	ZINC	3	559.2	1250.6
10617	68107	ZINC	4	125.1	167.8
10618	68107	ZINC	4	131.8	154.5
10619	68107	ZINC	4	191.0	274.0
10620	68107	ZINC	3	144.5	163.0
10622	68107	ZINC	5	206.0	341.5
10623	68107	ZINC	5	118.8	185.9
10624	68107	ZINC	4	305.1	478.9
10627	68107	ZINC	5	160.6	194.8
10628	68107	ZINC	5	176.3	302.7
10630	68107	ZINC	5	124.1	144.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10633	68107	ZINC	4	188.4	240.3
10634	68107	ZINC	4	175.1	260.8
10636	68107	ZINC	5	290.5	499.5
10637	68107	ZINC	5	276.1	389.0
10638	68107	ZINC	4	181.5	248.5
10639	68107	ZINC	4	210.8	293.4
10640	68107	ZINC	4	271.8	555.0
10642	68107	ZINC	4	173.0	192.6
10644	68107	ZINC	5	189.7	235.5
10645	68107	ZINC	3	304.2	521.8
10646	68107	ZINC	4	126.8	173.4
10647	68107	ZINC	4	165.2	225.9
10648	68107	ZINC	5	283.2	412.6
10649	68107	ZINC	3	298.9	369.6
10650	68107	ZINC	3	361.4	608.1
10651	68107	ZINC	4	260.5	595.9
10652	68107	ZINC	4	135.2	166.7
10653	68107	ZINC	4	247.6	303.8
10654	68107	ZINC	4	188.3	235.5
10655	68107	ZINC	4	138.0	207.0
10657	68107	ZINC	4	192.2	321.6
10658	68107	ZINC	5	182.0	253.2
10660	68107	ZINC	4	293.5	386.4
10661	68107	ZINC	4	138.4	201.7
10662	68107	ZINC	5	300.8	463.0
10663	68107	ZINC	4	563.6	1179.1
10664	68107	ZINC	4	254.9	273.1
10667	68107	ZINC	5	150.5	255.1
10668	68107	ZINC	3	272.4	316.7
10670	68107	ZINC	5	314.9	419.9
10671	68107	ZINC	4	213.2	309.4
10672	68107	ZINC	4	113.1	176.6
10673	68107	ZINC	4	299.4	480.7
10674	68107	ZINC	3	304.4	327.9
10676	68107	ZINC	3	196.1	201.9
10678	68107	ZINC	4	342.3	722.9
10679	68107	ZINC	4	400.1	587.0
10680	68107	ZINC	4	195.8	252.6
10681	68107	ZINC	4	188.4	209.7
10682	68107	ZINC	4	124.4	150.5
10683	68107	ZINC	4	265.9	456.6
10684	68107	ZINC	4	326.8	533.1
10685	68107	ZINC	4	163.6	174.3
10686	68107	ZINC	4	161.3	256.2
10687	68107	ZINC	4	209.7	353.8
10688	68107	ZINC	4	222.0	285.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10689	68107	ZINC	5	306.1	514.7
10690	68107	ZINC	4	283.7	320.8
10691	68107	ZINC	4	196.6	236.6
10693	68107	ZINC	4	317.4	386.0
10694	68107	ZINC	4	178.8	224.6
10696	68107	ZINC	4	277.0	492.8
10697	68107	ZINC	4	381.9	529.1
10698	68107	ZINC	2	391.3	393.3
10700	68107	ZINC	2	333.0	393.0
10702	68107	ZINC	4	277.4	371.9
10703	68107	ZINC	2	570.4	831.1
10704	68107	ZINC	1	302.7	302.7
10705	68107	ZINC	4	292.1	362.6
10706	68107	ZINC	4	173.0	196.4
10707	68107	ZINC	4	283.3	320.7
10709	68107	ZINC	6	148.8	176.1
10710	68107	ZINC	4	301.7	409.2
10712	68107	ZINC	4	280.7	342.2
10713	68107	ZINC	4	184.1	225.9
10714	68107	ZINC	4	357.5	479.0
10715	68107	ZINC	5	106.2	178.3
10717	68107	ZINC	4	238.2	280.0
10718	68107	ZINC	5	270.4	402.5
10719	68107	ZINC	4	271.7	282.6
10720	68107	ZINC	3	291.8	502.0
10721	68107	ZINC	4	306.6	559.5
10722	68107	ZINC	5	156.8	178.9
10723	68107	ZINC	5	198.0	239.8
10724	68107	ZINC	4	222.5	344.4
10725	68107	ZINC	4	652.2	1013.6
10726	68107	ZINC	2	206.5	234.9
10727	68107	ZINC	4	367.5	540.2
10728	68107	ZINC	4	230.6	269.7
10729	68107	ZINC	5	209.6	368.3
10730	68107	ZINC	4	270.4	346.2
10731	68107	ZINC	5	313.3	408.9
10732	68107	ZINC	4	253.5	348.4
10733	68107	ZINC	4	148.2	237.9
10734	68107	ZINC	4	412.6	495.3
10735	68107	ZINC	4	186.3	236.6
10736	68107	ZINC	4	119.0	201.9
10737	68107	ZINC	4	174.3	217.7
10738	68107	ZINC	4	300.9	349.8
10741	68107	ZINC	4	252.0	305.1
10742	68107	ZINC	4	555.7	808.7
10743	68107	ZINC	4	293.6	504.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10744	68107	ZINC	4	342.7	492.3
10745	68107	ZINC	4	210.3	334.8
10747	68107	ZINC	4	83.3	119.9
10748	68107	ZINC	5	154.9	230.9
10750	68107	ZINC	6	151.7	245.5
10752	68107	ZINC	4	151.3	187.5
10754	68107	ZINC	4	238.1	331.4
10755	68107	ZINC	4	493.7	558.4
10756	68107	ZINC	5	177.8	318.4
10758	68107	ZINC	4	102.2	122.6
10760	68107	ZINC	4	534.5	689.1
10761	68107	ZINC	4	244.3	269.6
10763	68107	ZINC	4	459.1	861.3
10764	68107	ZINC	6	130.6	172.1
10765	68107	ZINC	4	151.8	166.5
10766	68107	ZINC	4	151.6	203.7
10767	68107	ZINC	5	351.8	469.3
10768	68107	ZINC	4	109.7	181.1
10770	68107	ZINC	4	306.6	549.0
10772	68107	ZINC	4	189.9	242.9
10773	68107	ZINC	4	191.2	268.6
10774	68107	ZINC	6	277.4	385.2
10775	68107	ZINC	4	299.7	733.4
10776	68107	ZINC	4	94.1	100.3
10777	68107	ZINC	4	157.6	174.8
10779	68107	ZINC	4	292.9	501.7
10780	68107	ZINC	5	222.7	293.6
10781	68107	ZINC	4	260.2	375.9
10783	68107	ZINC	5	147.2	247.3
10784	68107	ZINC	4	371.0	487.2
10786	68107	ZINC	4	219.2	436.4
10787	68107	ZINC	4	162.5	207.5
10788	68107	ZINC	4	285.7	364.8
10789	68107	ZINC	5	314.8	349.2
10790	68107	ZINC	4	146.9	163.7
10791	68107	ZINC	6	228.3	287.5
10792	68107	ZINC	4	218.6	253.7
10793	68107	ZINC	4	164.6	228.7
10794	68107	ZINC	4	234.8	372.0
10795	68107	ZINC	5	145.4	200.6
10796	68107	ZINC	4	141.5	210.6
10797	68107	ZINC	4	202.9	268.5
10799	68107	ZINC	4	199.1	247.3
10800	68107	ZINC	4	340.0	533.2
10801	68107	ZINC	4	308.4	441.9
10802	68107	ZINC	4	230.3	313.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10803	68107	ZINC	4	388.7	479.2
10804	68107	ZINC	4	916.8	2305.5
10805	68107	ZINC	4	164.6	264.5
10807	68107	ZINC	4	221.4	268.1
10808	68107	ZINC	4	222.2	262.7
10809	68107	ZINC	4	196.2	272.4
10813	68107	ZINC	5	261.4	516.7
10814	68107	ZINC	5	339.3	581.8
10816	68107	ZINC	4	339.8	546.4
10817	68107	ZINC	4	172.8	195.7
10819	68107	ZINC	4	225.6	259.6
10820	68107	ZINC	3	194.2	215.3
10821	68107	ZINC	5	235.7	345.4
10822	68107	ZINC	4	237.6	297.0
10823	68107	ZINC	4	321.8	481.7
10824	68107	ZINC	4	362.5	523.2
10825	68107	ZINC	4	285.5	418.8
10826	68107	ZINC	5	306.0	371.8
10827	68107	ZINC	3	197.9	262.1
10828	68107	ZINC	4	342.0	423.6
10829	68107	ZINC	4	225.7	292.7
10831	68107	ZINC	4	316.7	470.0
10832	68107	ZINC	4	287.9	334.9
10833	68107	ZINC	5	233.1	293.7
10834	68107	ZINC	4	351.6	447.0
10835	68107	ZINC	4	232.3	332.0
10836	68107	ZINC	5	183.3	274.2
10837	68107	ZINC	5	328.2	745.7
10838	68107	ZINC	4	214.2	279.3
10839	68107	ZINC	4	250.8	333.6
10840	68107	ZINC	4	184.2	232.5
10841	68107	ZINC	4	258.4	339.9
10842	68107	ZINC	4	242.4	294.6
10843	68107	ZINC	4	269.5	351.2
10844	68107	ZINC	5	198.8	232.5
10847	68107	ZINC	4	235.6	277.4
10848	68107	ZINC	4	194.7	212.0
10850	68107	ZINC	5	144.3	177.0
10851	68107	ZINC	4	316.9	550.7
10854	68107	ZINC	4	244.0	406.8
10855	68107	ZINC	4	208.3	260.0
10856	68107	ZINC	4	237.3	296.7
10857	68107	ZINC	5	223.3	267.3
10858	68107	ZINC	5	245.0	500.5
10859	68107	ZINC	4	264.0	426.1
10860	68107	ZINC	4	193.6	242.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10861	68107	ZINC	4	264.0	306.7
10862	68107	ZINC	4	67.1	90.1
10863	68107	ZINC	5	241.9	306.7
10864	68107	ZINC	5	374.5	666.5
10866	68107	ZINC	4	139.6	157.2
10867	68107	ZINC	4	277.9	366.0
10868	68107	ZINC	4	290.9	489.4
10870	68107	ZINC	4	288.9	322.4
10871	68107	ZINC	3	300.0	399.0
10873	68107	ZINC	4	239.0	260.6
10874	68107	ZINC	3	376.1	538.9
10875	68107	ZINC	4	281.8	564.1
10876	68107	ZINC	4	252.2	347.0
10877	68107	ZINC	4	214.9	340.9
10880	68107	ZINC	4	140.2	255.3
10881	68107	ZINC	3	207.5	243.3
10882	68107	ZINC	4	279.1	368.8
10883	68107	ZINC	4	284.3	473.4
10884	68107	ZINC	5	99.3	117.1
10885	68107	ZINC	6	269.0	385.9
10886	68107	ZINC	4	156.1	181.4
10887	68107	ZINC	5	113.8	188.5
10889	68107	ZINC	4	147.2	195.9
10890	68107	ZINC	4	181.8	349.9
10891	68107	ZINC	4	169.5	271.1
10894	68107	ZINC	4	260.2	311.4
10895	68107	ZINC	3	162.2	292.2
10896	68107	ZINC	5	141.0	187.8
10897	68107	ZINC	4	219.0	303.4
10899	68107	ZINC	4	237.9	290.0
10902	68107	ZINC	4	332.9	483.1
10903	68107	ZINC	5	332.5	371.2
10905	68107	ZINC	4	207.1	336.7
10907	68107	ZINC	4	87.5	96.5
10908	68107	ZINC	5	194.4	345.1
10909	68107	ZINC	5	327.3	627.0
10910	68107	ZINC	5	101.2	114.3
10912	68107	ZINC	4	257.2	317.9
10913	68107	ZINC	4	197.3	266.8
10914	68107	ZINC	3	346.1	369.7
10915	68107	ZINC	4	175.6	221.5
10916	68107	ZINC	4	307.1	359.4
10918	68107	ZINC	3	176.7	218.1
10919	68107	ZINC	4	440.1	800.4
10920	68107	ZINC	5	304.5	508.8
10921	68107	ZINC	5	352.2	466.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10923	68107	ZINC	4	142.3	222.7
10924	68107	ZINC	5	189.8	241.5
10925	68107	ZINC	4	418.7	803.0
10926	68107	ZINC	4	262.8	452.5
10927	68107	ZINC	4	380.5	515.4
10928	68107	ZINC	4	161.2	178.7
10931	68107	ZINC	6	157.0	197.1
10932	68107	ZINC	2	215.6	321.8
10933	68107	ZINC	5	285.5	348.6
10934	68107	ZINC	5	290.4	432.4
10935	68107	ZINC	4	222.8	373.9
10937	68107	ZINC	4	93.8	154.8
10938	68107	ZINC	4	232.7	311.5
10941	68107	ZINC	5	254.6	447.3
10943	68107	ZINC	5	189.4	294.4
10944	68107	ZINC	4	297.7	358.0
10945	68107	ZINC	4	192.8	209.7
10947	68107	ZINC	4	274.3	362.0
10948	68107	ZINC	4	410.3	652.8
10949	68107	ZINC	5	105.5	202.5
10950	68107	ZINC	5	279.9	391.5
10951	68107	ZINC	4	154.5	165.4
10952	68107	ZINC	4	180.3	223.8
10953	68107	ZINC	4	94.4	103.8
10955	68107	ZINC	4	326.8	599.3
10956	68107	ZINC	5	165.0	204.2
10961	68107	ZINC	4	326.0	641.5
10962	68107	ZINC	4	274.2	347.5
10964	68107	ZINC	3	152.9	168.6
10965	68107	ZINC	2	452.1	709.0
10967	68107	ZINC	4	326.4	363.4
10968	68107	ZINC	6	211.1	283.2
10970	68107	ZINC	5	193.5	228.5
10972	68107	ZINC	4	316.3	577.9
10973	68107	ZINC	4	280.6	391.6
10974	68107	ZINC	4	266.0	514.8
10975	68107	ZINC	4	139.4	164.5
10977	68107	ZINC	5	255.8	350.7
10978	68107	ZINC	4	221.4	297.4
10979	68107	ZINC	4	385.3	455.1
10982	68107	ZINC	4	224.3	286.3
10985	68107	ZINC	5	245.7	329.1
10986	68107	ZINC	4	421.7	771.0
10988	68107	ZINC	4	359.3	509.5
10989	68107	ZINC	5	265.4	428.8
10990	68107	ZINC	4	189.3	212.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
10991	68107	ZINC	4	245.5	318.0
10992	68107	ZINC	4	323.9	442.2
10994	68107	ZINC	5	124.8	174.9
10995	68107	ZINC	4	499.6	591.8
10998	68107	ZINC	4	287.8	595.0
10999	68107	ZINC	4	281.7	359.6
11000	68107	ZINC	5	182.1	298.2
11002	68107	ZINC	5	130.6	250.9
11003	68107	ZINC	4	202.4	317.7
11004	68107	ZINC	4	218.2	249.3
11005	68107	ZINC	3	431.1	522.7
11006	68107	ZINC	4	358.3	574.9
11008	68107	ZINC	4	198.5	281.8
11009	68107	ZINC	4	202.8	424.5
11010	68107	ZINC	4	260.7	429.6
11011	68107	ZINC	4	393.9	1231.6
11012	68107	ZINC	4	181.9	261.9
11013	68107	ZINC	4	625.8	1495.9
11014	68107	ZINC	5	113.5	136.3
11016	68107	ZINC	5	381.7	486.9
11017	68107	ZINC	5	245.9	532.7
11020	68107	ZINC	3	178.5	195.7
11021	68107	ZINC	6	238.8	373.9
11023	68107	ZINC	5	92.6	199.9
11024	68107	ZINC	4	202.1	309.9
11025	68107	ZINC	5	261.8	350.9
11026	68107	ZINC	4	214.3	305.9
11029	68107	ZINC	5	268.4	392.6
11030	68107	ZINC	4	113.9	136.3
11031	68107	ZINC	4	493.5	755.0
11033	68107	ZINC	4	144.5	293.7
11034	68107	ZINC	4	262.4	339.2
11035	68107	ZINC	5	208.3	327.5
11036	68107	ZINC	4	305.9	410.2
11037	68107	ZINC	5	176.5	283.2
11038	68107	ZINC	4	360.4	633.9
11039	68107	ZINC	3	167.7	198.5
11040	68107	ZINC	4	213.2	278.5
11041	68107	ZINC	4	323.4	486.2
11042	68107	ZINC	5	254.1	320.3
11043	68107	ZINC	5	280.6	302.8
11044	68107	ZINC	2	172.0	195.8
11045	68107	ZINC	4	212.1	408.9
11046	68107	ZINC	5	179.1	212.4
11047	68107	ZINC	5	188.9	214.4
11048	68107	ZINC	4	339.1	429.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11050	68107	ZINC	4	515.3	1112.9
11051	68107	ZINC	5	272.3	430.0
11052	68107	ZINC	5	280.5	501.9
11053	68107	ZINC	4	329.6	433.8
11054	68107	ZINC	4	109.9	117.5
11055	68107	ZINC	4	354.3	564.1
11056	68107	ZINC	4	262.9	404.5
11057	68107	ZINC	4	168.7	227.3
11058	68107	ZINC	3	372.3	402.8
11059	68107	ZINC	2	307.6	383.7
11061	68107	ZINC	4	139.6	168.0
11062	68107	ZINC	5	262.5	369.6
11063	68107	ZINC	4	230.6	305.1
11064	68107	ZINC	4	232.4	266.7
11066	68107	ZINC	3	172.9	189.4
11067	68107	ZINC	4	107.7	113.4
11068	68107	ZINC	4	280.7	529.1
11069	68107	ZINC	4	261.1	322.4
11070	68107	ZINC	5	253.4	368.8
11071	68107	ZINC	6	212.9	324.6
11074	68107	ZINC	4	298.0	407.1
11078	68107	ZINC	4	263.6	437.8
11080	68107	ZINC	4	178.0	286.5
11082	68107	ZINC	4	238.8	288.0
11083	68107	ZINC	4	161.1	212.8
11084	68107	ZINC	5	165.0	199.9
11085	68107	ZINC	4	448.2	608.0
11086	68107	ZINC	4	265.7	342.8
11087	68107	ZINC	4	191.3	244.8
11088	68107	ZINC	5	273.8	428.1
11089	68107	ZINC	4	211.7	223.3
11090	68107	ZINC	5	307.5	384.6
11091	68107	ZINC	5	138.7	191.3
11092	68107	ZINC	4	352.7	529.6
11094	68107	ZINC	5	269.0	333.7
11095	68107	ZINC	4	88.0	93.3
11096	68107	ZINC	4	401.9	505.8
11097	68107	ZINC	4	249.3	316.7
11098	68107	ZINC	5	159.0	237.7
11100	68107	ZINC	4	239.0	287.2
11101	68107	ZINC	5	220.7	260.5
11103	68107	ZINC	4	118.2	133.7
11104	68107	ZINC	4	104.6	174.4
11105	68107	ZINC	4	361.1	482.7
11106	68107	ZINC	5	169.1	199.0
11107	68107	ZINC	4	278.4	344.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11110	68107	ZINC	5	348.0	622.0
11112	68107	ZINC	4	120.7	148.7
11113	68107	ZINC	5	262.3	358.4
11114	68107	ZINC	4	118.7	141.4
11115	68107	ZINC	4	288.7	359.3
11116	68107	ZINC	4	173.9	207.4
11118	68107	ZINC	5	324.4	621.0
11119	68107	ZINC	2	349.7	480.8
11122	68107	ZINC	4	174.4	368.9
11123	68107	ZINC	4	185.8	239.1
11125	68107	ZINC	4	140.7	217.9
11126	68107	ZINC	4	156.5	191.3
11128	68107	ZINC	4	111.3	258.2
11129	68107	ZINC	4	252.0	542.4
11130	68107	ZINC	3	358.7	528.3
11131	68107	ZINC	4	193.1	341.9
11133	68107	ZINC	3	178.2	191.3
11134	68107	ZINC	4	205.0	317.6
11135	68107	ZINC	4	292.6	549.2
11136	68107	ZINC	3	192.5	202.0
11137	68107	ZINC	5	148.3	201.0
11139	68107	ZINC	5	265.0	451.5
11140	68107	ZINC	5	182.3	249.0
11141	68107	ZINC	4	252.9	321.1
11142	68107	ZINC	5	313.1	468.0
11143	68107	ZINC	4	130.2	155.1
11144	68107	ZINC	3	247.7	278.9
11145	68107	ZINC	4	269.7	285.6
11146	68107	ZINC	5	67.7	100.4
11147	68107	ZINC	4	179.7	220.4
11148	68107	ZINC	2	177.0	177.4
11149	68107	ZINC	4	130.6	155.4
11150	68107	ZINC	4	370.4	529.3
11151	68107	ZINC	4	87.4	125.4
11152	68107	ZINC	5	278.7	353.3
11153	68107	ZINC	5	192.0	252.1
11154	68107	ZINC	4	172.8	296.2
11155	68107	ZINC	4	168.8	177.2
11156	68107	ZINC	5	168.3	207.2
11157	68107	ZINC	5	138.3	158.3
11158	68107	ZINC	5	127.9	141.4
11159	68107	ZINC	5	224.2	367.3
11160	68107	ZINC	4	140.8	220.2
11162	68107	ZINC	4	280.3	351.1
11163	68107	ZINC	5	132.4	161.8
11165	68107	ZINC	4	111.4	127.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11166	68107	ZINC	4	124.1	132.3
11167	68107	ZINC	4	274.0	355.7
11168	68107	ZINC	4	130.4	172.1
11169	68107	ZINC	5	318.3	403.9
11170	68107	ZINC	4	233.1	304.5
11171	68107	ZINC	6	243.5	293.7
11172	68107	ZINC	4	145.0	202.5
11173	68107	ZINC	6	514.5	992.8
11174	68107	ZINC	5	142.9	194.3
11177	68107	ZINC	3	220.7	289.7
11178	68107	ZINC	4	146.0	217.6
11179	68107	ZINC	4	136.6	176.0
11180	68107	ZINC	5	258.8	345.9
11185	68107	ZINC	5	284.8	739.6
11186	68107	ZINC	4	112.3	125.8
11187	68107	ZINC	4	147.7	197.3
11188	68107	ZINC	5	167.6	261.4
11189	68107	ZINC	4	349.2	804.3
11190	68107	ZINC	4	171.0	222.7
11191	68107	ZINC	4	216.2	328.4
11192	68107	ZINC	5	354.6	451.2
11193	68107	ZINC	4	208.1	282.5
11194	68107	ZINC	4	200.0	337.3
11195	68107	ZINC	4	197.4	231.8
11196	68107	ZINC	4	381.0	881.3
11197	68107	ZINC	3	348.5	439.9
11198	68107	ZINC	3	97.3	131.6
11200	68107	ZINC	4	358.8	699.1
11202	68107	ZINC	5	185.6	307.2
11203	68107	ZINC	4	274.4	347.0
11204	68107	ZINC	4	250.4	350.8
11205	68107	ZINC	4	171.2	201.7
11206	68107	ZINC	3	248.2	294.6
11208	68107	ZINC	4	144.8	171.5
11209	68107	ZINC	4	186.3	272.4
11210	68107	ZINC	4	171.7	284.3
11211	68107	ZINC	5	194.0	293.5
11212	68107	ZINC	4	201.6	273.2
11213	68107	ZINC	4	189.4	259.0
11214	68107	ZINC	4	208.4	435.3
11215	68107	ZINC	4	144.6	161.8
11216	68107	ZINC	4	296.9	431.8
11218	68107	ZINC	5	164.6	233.4
11219	68107	ZINC	4	219.2	343.9
11220	68107	ZINC	4	194.4	227.1
11221	68107	ZINC	4	205.9	226.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11222	68107	ZINC	3	386.7	461.8
11223	68107	ZINC	5	144.8	253.2
11224	68107	ZINC	6	287.1	404.6
11225	68107	ZINC	4	185.3	223.3
11226	68107	ZINC	5	196.0	259.3
11227	68107	ZINC	4	119.7	139.5
11228	68107	ZINC	3	343.6	368.9
11229	68107	ZINC	4	147.6	169.5
11230	68107	ZINC	4	121.3	148.0
11231	68107	ZINC	5	339.6	488.9
11232	68107	ZINC	3	105.9	111.6
11233	68107	ZINC	3	109.1	120.0
11234	68107	ZINC	5	123.9	189.7
11235	68107	ZINC	4	216.8	298.0
11236	68107	ZINC	4	184.8	238.0
11237	68107	ZINC	4	134.7	253.1
11238	68107	ZINC	4	329.9	637.9
11239	68107	ZINC	4	358.0	618.8
11240	68107	ZINC	3	216.3	329.2
11241	68107	ZINC	4	53.1	70.3
11242	68107	ZINC	4	153.6	196.4
11243	68107	ZINC	5	147.4	183.5
11245	68107	ZINC	4	227.9	603.0
11246	68107	ZINC	4	241.9	339.0
11248	68107	ZINC	5	496.9	648.0
11249	68107	ZINC	4	177.2	191.9
11250	68107	ZINC	4	227.9	303.4
11251	68107	ZINC	4	153.0	170.9
11252	68107	ZINC	5	134.8	173.9
11253	68107	ZINC	4	315.0	480.5
11254	68107	ZINC	3	225.5	296.3
11256	68107	ZINC	4	289.9	448.6
11257	68107	ZINC	4	132.8	157.1
11258	68107	ZINC	3	319.0	453.0
11260	68107	ZINC	4	232.2	258.9
11261	68107	ZINC	4	339.0	404.3
11262	68107	ZINC	6	105.7	123.7
11263	68107	ZINC	5	195.6	239.8
11264	68107	ZINC	4	223.1	240.1
11265	68107	ZINC	3	105.5	148.3
11267	68107	ZINC	4	204.4	284.5
11268	68107	ZINC	4	155.6	259.7
11269	68107	ZINC	4	323.6	580.1
11270	68107	ZINC	4	173.7	199.4
11272	68107	ZINC	4	290.7	368.2
11273	68107	ZINC	4	140.0	237.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11275	68107	ZINC	5	511.1	1725.8
11276	68107	ZINC	5	175.9	254.8
11277	68107	ZINC	4	254.4	385.3
11278	68107	ZINC	5	307.1	545.8
11279	68107	ZINC	4	138.8	219.5
11282	68107	ZINC	5	96.2	171.9
11283	68107	ZINC	3	125.0	169.9
11285	68107	ZINC	4	330.3	518.2
11286	68107	ZINC	4	200.8	244.1
11287	68107	ZINC	6	119.8	200.4
11288	68107	ZINC	4	238.3	292.3
11289	68107	ZINC	4	228.4	290.0
11291	68107	ZINC	4	392.8	423.8
11293	68107	ZINC	4	298.9	332.1
11294	68107	ZINC	4	167.8	216.4
11296	68107	ZINC	5	197.4	253.3
11297	68107	ZINC	3	208.4	279.8
11298	68107	ZINC	4	278.4	410.7
11299	68107	ZINC	4	182.9	249.8
11300	68107	ZINC	5	251.6	328.6
11301	68107	ZINC	4	313.2	402.6
11302	68107	ZINC	5	244.6	504.2
11303	68107	ZINC	5	182.8	314.3
11305	68107	ZINC	4	331.8	395.4
11306	68107	ZINC	3	318.6	502.1
11308	68107	ZINC	5	203.1	253.0
11309	68107	ZINC	4	317.1	580.0
11311	68107	ZINC	5	289.8	406.9
11312	68107	ZINC	4	151.8	195.7
11313	68107	ZINC	3	284.1	371.3
11314	68107	ZINC	5	270.6	382.8
11315	68107	ZINC	4	225.3	351.3
11316	68107	ZINC	5	434.7	899.5
11317	68107	ZINC	5	180.3	205.6
11318	68107	ZINC	4	136.9	160.8
11319	68107	ZINC	4	184.8	274.4
11321	68107	ZINC	3	188.8	192.0
11322	68107	ZINC	4	134.5	171.0
11323	68107	ZINC	4	268.8	678.5
11324	68107	ZINC	4	296.1	523.4
11326	68107	ZINC	4	356.9	426.2
11327	68107	ZINC	4	225.4	312.0
11329	68107	ZINC	4	272.4	389.9
11330	68107	ZINC	4	163.7	183.7
11331	68107	ZINC	4	325.0	455.2
11332	68107	ZINC	6	243.3	490.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11333	68107	ZINC	4	219.3	271.3
11334	68107	ZINC	4	250.3	315.3
11335	68107	ZINC	4	346.6	504.9
11336	68107	ZINC	4	351.6	625.6
11337	68107	ZINC	4	217.7	260.6
11338	68107	ZINC	4	200.3	230.3
11339	68107	ZINC	3	143.2	147.8
11340	68107	ZINC	4	334.4	535.4
11341	68107	ZINC	4	190.6	235.5
11342	68107	ZINC	2	200.2	245.3
11343	68107	ZINC	4	206.5	288.0
11345	68107	ZINC	5	371.9	548.5
11346	68107	ZINC	5	252.0	335.6
11347	68107	ZINC	3	170.9	209.1
11348	68107	ZINC	5	190.8	290.8
11349	68107	ZINC	4	257.1	336.3
11350	68107	ZINC	5	231.0	350.9
11352	68107	ZINC	5	148.9	210.3
11354	68107	ZINC	4	171.1	218.1
11355	68107	ZINC	4	175.0	199.8
11356	68107	ZINC	4	140.8	155.3
11357	68107	ZINC	6	233.4	370.0
11358	68107	ZINC	4	198.3	255.7
11359	68107	ZINC	4	191.3	221.6
11360	68107	ZINC	4	478.8	764.8
11361	68107	ZINC	4	137.5	151.9
11366	68107	ZINC	4	161.0	206.4
11367	68107	ZINC	4	183.5	204.0
11368	68107	ZINC	3	653.8	1581.2
11369	68107	ZINC	4	556.9	959.5
11370	68107	ZINC	4	192.1	336.8
11371	68107	ZINC	4	211.1	243.8
11372	68107	ZINC	3	845.1	1322.7
11373	68107	ZINC	4	459.3	569.6
11374	68107	ZINC	4	126.3	168.3
11376	68107	ZINC	4	111.6	115.1
11377	68107	ZINC	3	691.8	1274.7
11378	68107	ZINC	1	251.7	251.7
11380	68107	ZINC	3	121.6	130.7
11381	68107	ZINC	4	229.8	287.3
11382	68107	ZINC	4	123.8	233.7
11384	68107	ZINC	5	145.3	161.6
11385	68107	ZINC	4	219.4	254.4
11386	68107	ZINC	5	122.4	149.7
11387	68107	ZINC	4	104.4	122.8
11388	68107	ZINC	4	150.6	285.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11389	68107	ZINC	4	224.5	272.1
11390	68107	ZINC	4	134.8	189.3
11391	68107	ZINC	4	195.2	250.5
11392	68107	ZINC	4	223.4	293.0
11393	68107	ZINC	4	146.8	169.4
11395	68107	ZINC	4	138.5	161.3
11396	68107	ZINC	6	120.1	152.3
11397	68107	ZINC	4	551.8	600.0
11398	68107	ZINC	5	207.7	298.9
11399	68107	ZINC	4	298.1	386.6
11400	68107	ZINC	5	368.0	549.4
11401	68107	ZINC	5	85.4	100.6
11402	68107	ZINC	4	180.4	193.2
11403	68107	ZINC	4	165.5	229.6
11404	68107	ZINC	4	158.4	267.2
11405	68107	ZINC	4	175.5	269.4
11407	68107	ZINC	4	222.6	255.0
11408	68107	ZINC	4	134.0	183.2
11409	68107	ZINC	4	88.5	108.3
11410	68107	ZINC	5	193.0	213.1
11411	68107	ZINC	4	111.4	122.7
11413	68107	ZINC	5	119.7	184.3
11414	68107	ZINC	4	271.7	366.0
11415	68107	ZINC	4	229.5	249.4
11416	68107	ZINC	4	368.4	534.0
11417	68107	ZINC	5	144.9	179.9
11418	68107	ZINC	5	237.6	531.2
11419	68107	ZINC	4	256.8	358.5
11420	68107	ZINC	4	258.9	367.6
11421	68107	ZINC	5	191.1	300.7
11422	68107	ZINC	4	329.0	570.3
11423	68107	ZINC	4	156.5	238.6
11424	68107	ZINC	5	185.2	218.4
11425	68107	ZINC	4	350.6	797.6
11426	68107	ZINC	4	274.4	450.0
11427	68107	ZINC	5	272.8	495.7
11428	68107	ZINC	4	222.9	356.9
11429	68107	ZINC	4	202.0	315.6
11430	68107	ZINC	4	216.6	376.9
11431	68107	ZINC	4	178.1	238.8
11433	68107	ZINC	4	125.7	152.7
11434	68107	ZINC	4	79.9	113.0
11435	68107	ZINC	3	228.4	232.9
11436	68107	ZINC	4	287.9	328.8
11437	68107	ZINC	4	183.3	221.6
11439	68107	ZINC	4	351.2	575.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11440	68107	ZINC	4	311.9	371.6
11441	68107	ZINC	4	193.6	227.5
11442	68107	ZINC	5	230.9	297.6
11443	68107	ZINC	4	443.0	456.9
11444	68107	ZINC	4	493.6	563.0
11445	68107	ZINC	3	344.6	478.9
11446	68107	ZINC	4	298.2	387.9
11447	68107	ZINC	5	244.5	386.6
11448	68107	ZINC	4	144.9	173.4
11449	68107	ZINC	5	207.4	414.9
11450	68107	ZINC	4	168.1	210.1
11451	68107	ZINC	5	242.5	390.5
11452	68107	ZINC	4	134.1	240.4
11453	68107	ZINC	4	245.4	298.0
11455	68107	ZINC	1	296.9	296.9
11456	68107	ZINC	4	208.3	256.5
11457	68107	ZINC	4	216.0	306.3
11458	68107	ZINC	5	273.0	407.5
11460	68107	ZINC	4	287.2	542.4
11461	68107	ZINC	4	376.7	589.9
11462	68107	ZINC	4	154.7	174.7
11463	68107	ZINC	3	293.8	372.7
11464	68107	ZINC	5	146.8	180.6
11465	68107	ZINC	4	343.6	444.3
11468	68107	ZINC	4	200.7	272.9
11469	68107	ZINC	4	294.7	467.2
11471	68107	ZINC	4	221.4	273.3
11472	68107	ZINC	4	327.2	496.8
11473	68107	ZINC	3	128.0	128.4
11474	68107	ZINC	5	286.9	362.1
11475	68107	ZINC	4	229.3	288.1
11476	68107	ZINC	4	101.8	120.7
11477	68107	ZINC	4	370.0	600.5
11478	68107	ZINC	4	130.3	237.8
11479	68107	ZINC	4	413.0	587.9
11480	68107	ZINC	4	105.1	126.8
11482	68107	ZINC	5	200.7	229.3
11483	68107	ZINC	4	180.9	260.1
11484	68107	ZINC	4	61.3	79.6
11485	68107	ZINC	4	115.3	169.9
11486	68107	ZINC	4	160.4	230.3
11489	68107	ZINC	5	171.4	383.1
11490	68107	ZINC	3	326.9	449.4
11491	68107	ZINC	5	185.3	254.2
11492	68107	ZINC	4	220.6	255.5
11493	68107	ZINC	4	462.0	1210.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11494	68107	ZINC	4	271.0	381.7
11496	68107	ZINC	4	88.6	130.9
11498	68107	ZINC	3	253.4	355.8
11499	68107	ZINC	5	99.8	125.7
11500	68107	ZINC	4	140.4	172.0
11501	68107	ZINC	4	203.9	241.1
11502	68107	ZINC	3	170.5	193.5
11503	68107	ZINC	4	245.9	498.5
11504	68107	ZINC	4	270.4	396.1
11505	68107	ZINC	2	156.4	164.3
11506	68107	ZINC	4	220.0	389.1
11508	68107	ZINC	5	338.2	520.0
11510	68107	ZINC	4	111.1	127.1
11512	68107	ZINC	4	215.9	269.5
11514	68107	ZINC	5	156.0	209.7
11515	68107	ZINC	4	227.8	371.7
11516	68107	ZINC	5	231.1	464.0
11517	68107	ZINC	4	444.6	808.3
11518	68107	ZINC	4	245.6	340.6
11519	68107	ZINC	4	200.5	251.9
11520	68107	ZINC	5	101.5	143.0
11521	68107	ZINC	5	141.2	207.8
11522	68107	ZINC	2	263.7	280.9
11523	68107	ZINC	4	366.4	527.6
11525	68107	ZINC	4	123.7	156.9
11526	68107	ZINC	4	278.7	447.7
11527	68107	ZINC	4	179.6	202.9
11529	68107	ZINC	4	165.7	262.8
11530	68107	ZINC	4	153.8	168.0
11531	68107	ZINC	4	209.7	227.9
11533	68107	ZINC	4	208.4	301.3
11534	68107	ZINC	4	1045.9	3511.8
11535	68107	ZINC	4	332.9	436.0
11536	68107	ZINC	4	266.6	384.0
11538	68107	ZINC	4	294.1	324.6
11539	68107	ZINC	4	735.3	1165.1
11540	68107	ZINC	3	199.3	250.5
11541	68107	ZINC	4	191.7	237.3
11542	68107	ZINC	4	85.9	120.3
11544	68107	ZINC	2	390.1	400.7
11546	68107	ZINC	4	155.4	191.6
11547	68107	ZINC	5	281.1	416.4
11548	68107	ZINC	3	211.7	230.9
11550	68107	ZINC	5	333.2	440.9
11552	68107	ZINC	3	246.8	288.3
11554	68107	ZINC	4	347.6	381.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11556	68107	ZINC	4	146.7	182.7
11557	68107	ZINC	6	151.3	187.5
11558	68107	ZINC	4	198.3	238.4
11559	68107	ZINC	4	190.1	230.0
11560	68107	ZINC	4	147.0	218.3
11561	68107	ZINC	4	254.0	352.6
11563	68107	ZINC	4	220.0	412.3
11564	68107	ZINC	4	181.6	256.9
11565	68107	ZINC	4	216.4	261.5
11566	68107	ZINC	4	253.9	301.6
11568	68107	ZINC	4	324.3	819.6
11569	68107	ZINC	6	255.5	324.4
11570	68107	ZINC	6	291.9	872.7
11571	68107	ZINC	5	288.4	450.3
11572	68107	ZINC	4	287.4	594.5
11573	68107	ZINC	6	191.9	243.3
11574	68107	ZINC	4	142.7	155.6
11575	68107	ZINC	5	237.9	323.8
11576	68107	ZINC	5	154.5	201.1
11577	68107	ZINC	3	205.4	216.0
11578	68107	ZINC	4	188.5	386.8
11579	68107	ZINC	4	188.8	230.6
11581	68107	ZINC	4	222.3	333.5
11582	68107	ZINC	4	158.7	164.8
11583	68107	ZINC	4	253.2	296.9
11584	68107	ZINC	5	283.2	432.7
11585	68107	ZINC	4	134.0	172.3
11586	68107	ZINC	5	163.0	298.7
11587	68107	ZINC	5	121.0	172.9
11588	68107	ZINC	4	81.3	120.0
11589	68107	ZINC	5	224.8	321.5
11590	68107	ZINC	4	307.2	455.1
11591	68107	ZINC	5	208.6	315.9
11592	68107	ZINC	5	244.2	440.3
11593	68107	ZINC	2	163.8	183.1
11594	68107	ZINC	4	275.7	333.1
11597	68107	ZINC	3	164.4	224.6
11598	68107	ZINC	4	208.3	254.7
11599	68107	ZINC	4	176.3	231.1
11600	68107	ZINC	4	276.4	344.3
11601	68107	ZINC	4	293.8	324.0
11602	68107	ZINC	2	178.1	233.6
11603	68107	ZINC	4	249.9	394.1
11604	68107	ZINC	4	240.0	304.0
11605	68107	ZINC	4	258.3	392.6
11606	68107	ZINC	5	310.8	358.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11607	68107	ZINC	4	265.8	361.0
11608	68107	ZINC	4	379.8	402.3
11609	68107	ZINC	4	183.8	207.0
11610	68107	ZINC	5	197.8	205.3
11611	68107	ZINC	4	122.4	163.7
11613	68107	ZINC	5	230.6	347.1
11614	68107	ZINC	4	252.3	310.5
11615	68107	ZINC	4	206.1	280.4
11616	68107	ZINC	4	163.8	233.3
11619	68107	ZINC	5	169.8	216.2
11620	68107	ZINC	4	175.2	215.6
11621	68107	ZINC	4	159.8	192.3
11622	68107	ZINC	6	128.4	172.2
11623	68107	ZINC	4	292.9	464.5
11625	68107	ZINC	4	196.5	223.9
11626	68107	ZINC	4	149.5	186.8
11627	68107	ZINC	4	288.9	758.0
11629	68107	ZINC	5	104.6	225.1
11630	68107	ZINC	5	149.4	225.7
11632	68107	ZINC	5	166.0	274.5
11633	68107	ZINC	3	191.2	217.0
11634	68107	ZINC	4	132.5	142.9
11636	68107	ZINC	4	259.5	361.3
11637	68107	ZINC	4	268.5	390.5
11638	68107	ZINC	3	199.3	212.7
11639	68107	ZINC	4	538.0	1184.1
11640	68107	ZINC	4	272.3	446.7
11641	68107	ZINC	4	172.3	222.3
11642	68107	ZINC	5	229.9	394.3
11643	68107	ZINC	4	181.3	257.4
11644	68107	ZINC	5	218.8	296.3
11645	68107	ZINC	3	93.6	96.1
11646	68107	ZINC	4	233.7	444.0
11647	68107	ZINC	4	250.9	288.9
11648	68107	ZINC	4	150.5	183.0
11649	68107	ZINC	5	311.0	441.2
11652	68107	ZINC	5	113.9	142.5
11653	68107	ZINC	5	234.9	325.5
11655	68107	ZINC	3	122.4	133.4
11658	68107	ZINC	4	167.8	283.8
11659	68107	ZINC	4	123.7	202.5
11660	68107	ZINC	4	302.9	393.2
11661	68107	ZINC	5	202.4	249.0
11662	68107	ZINC	3	320.1	470.2
11663	68107	ZINC	6	109.7	177.2
11664	68107	ZINC	4	303.7	543.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11665	68107	ZINC	4	163.6	180.1
11666	68107	ZINC	3	184.5	280.9
11668	68107	ZINC	4	237.1	295.3
11671	68107	ZINC	4	179.0	239.5
11674	68107	ZINC	6	366.1	715.9
11675	68107	ZINC	4	159.6	197.9
11676	68107	ZINC	5	173.6	244.1
11677	68107	ZINC	5	135.9	160.1
11678	68107	ZINC	4	178.3	220.6
11680	68107	ZINC	4	384.4	598.5
11682	68107	ZINC	4	198.3	362.7
11684	68107	ZINC	4	166.5	209.7
11686	68107	ZINC	5	162.0	187.0
11687	68107	ZINC	4	210.6	295.3
11689	68107	ZINC	5	263.9	460.3
11690	68107	ZINC	4	145.4	163.8
11691	68107	ZINC	5	282.8	380.8
11692	68107	ZINC	4	199.9	235.3
11693	68107	ZINC	4	329.4	551.3
11695	68107	ZINC	4	253.7	396.2
11696	68107	ZINC	2	307.2	333.5
11697	68107	ZINC	4	182.2	258.1
11698	68107	ZINC	4	423.5	553.3
11699	68107	ZINC	5	263.1	357.6
11700	68107	ZINC	3	279.0	348.7
11701	68107	ZINC	4	196.1	266.4
11703	68107	ZINC	5	193.6	240.9
11705	68107	ZINC	4	196.1	261.5
11706	68107	ZINC	6	294.3	409.5
11707	68107	ZINC	4	273.9	401.5
11708	68107	ZINC	2	300.9	449.1
11710	68107	ZINC	5	157.5	168.3
11711	68107	ZINC	4	263.0	338.0
11712	68107	ZINC	4	199.6	226.6
11713	68107	ZINC	4	172.0	248.1
11714	68107	ZINC	4	303.5	397.1
11716	68107	ZINC	4	195.7	246.4
11717	68107	ZINC	5	352.2	526.7
11718	68107	ZINC	4	329.3	449.6
11719	68107	ZINC	4	229.9	274.6
11720	68107	ZINC	6	242.3	553.8
11721	68107	ZINC	3	312.3	388.8
11722	68107	ZINC	4	200.8	260.6
11723	68107	ZINC	5	227.9	442.3
11724	68107	ZINC	4	400.7	712.3
11725	68107	ZINC	4	306.3	378.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11726	68107	ZINC	4	126.0	166.1
11728	68107	ZINC	4	260.6	372.9
11729	68107	ZINC	4	275.4	343.1
11730	68107	ZINC	5	220.3	249.2
11731	68107	ZINC	4	210.4	345.0
11732	68107	ZINC	5	155.2	299.9
11734	68107	ZINC	5	254.3	472.4
11737	68107	ZINC	4	198.8	268.6
11738	68107	ZINC	4	304.9	437.5
11739	68107	ZINC	4	181.4	226.8
11740	68107	ZINC	4	344.4	489.3
11741	68107	ZINC	4	197.9	264.0
11744	68107	ZINC	5	247.8	511.3
11745	68107	ZINC	5	61.1	97.9
11746	68107	ZINC	4	448.2	609.5
11747	68107	ZINC	4	140.6	166.9
11748	68107	ZINC	5	223.0	367.4
11749	68107	ZINC	5	147.7	255.9
11750	68107	ZINC	4	109.5	125.7
11751	68107	ZINC	3	287.3	362.9
11753	68107	ZINC	5	141.4	167.2
11754	68107	ZINC	4	207.6	311.3
11755	68107	ZINC	4	428.6	679.1
11756	68107	ZINC	4	416.7	562.8
11757	68107	ZINC	4	328.3	482.5
11758	68107	ZINC	4	169.2	224.3
11760	68107	ZINC	4	116.0	145.4
11761	68107	ZINC	4	260.5	394.1
11763	68107	ZINC	3	138.7	192.3
11764	68107	ZINC	5	267.4	353.6
11765	68107	ZINC	4	116.1	127.5
11767	68107	ZINC	4	169.2	279.0
11768	68107	ZINC	5	168.2	221.4
11769	68107	ZINC	3	119.6	129.2
11770	68107	ZINC	4	87.4	104.8
11771	68107	ZINC	4	179.4	216.2
11773	68107	ZINC	5	227.0	285.8
11774	68107	ZINC	4	136.9	197.8
11775	68107	ZINC	3	378.9	441.3
11776	68107	ZINC	4	177.1	263.3
11777	68107	ZINC	4	541.9	898.4
11778	68107	ZINC	3	226.3	377.4
11779	68107	ZINC	6	217.6	316.4
11780	68107	ZINC	4	271.2	464.2
11781	68107	ZINC	5	155.3	184.4
11782	68107	ZINC	5	220.7	290.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11785	68107	ZINC	4	162.1	189.4
11786	68107	ZINC	4	257.5	424.3
11787	68107	ZINC	4	109.2	144.1
11788	68107	ZINC	4	199.5	287.6
11791	68107	ZINC	6	171.6	216.4
11792	68107	ZINC	4	263.5	364.8
11793	68107	ZINC	4	226.3	319.8
11795	68107	ZINC	4	418.0	645.5
11796	68107	ZINC	4	397.1	1057.4
11797	68107	ZINC	5	165.5	230.9
11798	68107	ZINC	4	188.5	250.8
11799	68107	ZINC	4	308.2	492.5
11800	68107	ZINC	5	283.5	334.8
11802	68107	ZINC	5	216.5	284.8
11803	68107	ZINC	4	201.7	231.1
11804	68107	ZINC	4	198.6	231.3
11805	68107	ZINC	4	223.0	501.1
11806	68107	ZINC	4	288.3	476.4
11807	68107	ZINC	5	230.0	430.5
11808	68107	ZINC	5	250.6	355.0
11809	68107	ZINC	4	258.9	294.2
11812	68107	ZINC	5	186.0	232.8
11813	68107	ZINC	4	204.2	307.3
11814	68107	ZINC	4	209.6	302.8
11815	68107	ZINC	5	378.3	727.3
11816	68107	ZINC	4	151.3	179.6
11818	68107	ZINC	5	352.4	665.9
11819	68107	ZINC	4	246.7	335.7
11820	68107	ZINC	5	283.0	368.3
11821	68107	ZINC	5	183.0	274.0
11822	68107	ZINC	4	257.8	346.5
11823	68107	ZINC	4	282.2	402.7
11824	68107	ZINC	4	253.5	430.1
11825	68107	ZINC	4	313.0	453.6
11826	68107	ZINC	3	223.3	303.0
11827	68107	ZINC	4	118.1	138.0
11828	68107	ZINC	4	195.4	228.6
11829	68107	ZINC	4	264.5	298.9
11830	68107	ZINC	4	255.1	483.8
11831	68107	ZINC	3	335.9	505.9
11833	68107	ZINC	4	152.3	159.2
11835	68107	ZINC	3	368.8	486.8
11836	68107	ZINC	2	116.5	125.4
11837	68107	ZINC	4	147.1	321.7
11839	68107	ZINC	4	177.2	205.5
11840	68107	ZINC	5	294.2	512.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11841	68107	ZINC	5	266.4	421.6
11842	68107	ZINC	4	209.5	238.1
11843	68107	ZINC	4	194.0	222.8
11844	68107	ZINC	5	119.2	244.3
11846	68107	ZINC	4	193.6	296.2
11848	68107	ZINC	4	91.1	146.6
11849	68107	ZINC	2	171.6	233.9
11851	68107	ZINC	4	235.7	330.9
11852	68107	ZINC	5	368.2	451.8
11853	68107	ZINC	4	335.3	432.2
11854	68107	ZINC	5	219.7	286.4
11855	68107	ZINC	5	300.2	472.4
11858	68107	ZINC	4	170.5	207.2
11859	68107	ZINC	4	301.4	364.9
11861	68107	ZINC	5	228.8	341.9
11862	68107	ZINC	4	193.7	204.1
11865	68107	ZINC	4	245.4	488.0
11867	68107	ZINC	4	173.4	227.1
11868	68107	ZINC	4	203.1	269.6
11869	68107	ZINC	4	231.8	296.9
11871	68107	ZINC	4	230.2	315.5
11872	68107	ZINC	3	122.4	170.3
11875	68107	ZINC	4	197.2	374.0
11876	68107	ZINC	4	318.3	385.1
11877	68107	ZINC	5	434.5	850.5
11880	68107	ZINC	4	176.3	205.2
11884	68107	ZINC	4	303.4	437.2
11886	68107	ZINC	4	383.1	615.0
11887	68107	ZINC	4	334.9	441.3
11888	68107	ZINC	4	142.3	167.2
11889	68107	ZINC	4	227.9	314.2
11890	68107	ZINC	4	179.1	190.1
11892	68107	ZINC	4	160.0	217.8
11893	68107	ZINC	4	177.6	231.3
11894	68107	ZINC	4	164.4	198.6
11895	68107	ZINC	4	204.8	314.0
11896	68107	ZINC	3	189.7	201.9
11897	68107	ZINC	4	230.2	302.6
11898	68107	ZINC	4	161.0	178.0
11900	68107	ZINC	3	112.9	121.8
11901	68107	ZINC	4	373.0	497.9
11902	68107	ZINC	3	169.3	187.0
11903	68107	ZINC	4	209.1	329.2
11904	68107	ZINC	4	189.1	257.6
11905	68107	ZINC	4	104.3	111.7
11906	68107	ZINC	4	205.7	309.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11907	68107	ZINC	4	205.0	255.0
11909	68107	ZINC	4	147.0	206.2
11910	68107	ZINC	4	150.2	185.3
11913	68107	ZINC	5	238.2	520.9
11914	68107	ZINC	5	204.8	283.8
11915	68107	ZINC	4	204.8	302.9
11916	68107	ZINC	4	235.6	335.4
11918	68107	ZINC	5	196.1	316.6
11919	68107	ZINC	5	400.2	514.3
11920	68107	ZINC	5	194.1	303.2
11921	68107	ZINC	4	235.6	314.7
11922	68107	ZINC	3	200.4	223.1
11923	68107	ZINC	5	173.9	298.0
11924	68107	ZINC	4	117.9	143.9
11925	68107	ZINC	4	220.6	276.0
11926	68107	ZINC	4	205.2	244.7
11927	68107	ZINC	4	313.0	460.9
11928	68107	ZINC	4	335.4	412.8
11929	68107	ZINC	3	210.8	227.4
11930	68107	ZINC	4	210.5	240.1
11931	68107	ZINC	4	172.6	189.8
11932	68107	ZINC	4	221.3	309.2
11935	68107	ZINC	4	130.1	162.3
11936	68107	ZINC	4	194.2	262.1
11937	68107	ZINC	5	212.5	358.2
11939	68107	ZINC	4	149.8	172.4
11941	68107	ZINC	5	295.7	381.7
11945	68107	ZINC	4	327.2	439.5
11946	68107	ZINC	4	153.6	174.3
11947	68107	ZINC	3	272.5	394.1
11948	68107	ZINC	4	951.3	2095.6
11949	68107	ZINC	4	364.2	541.2
11950	68107	ZINC	5	395.7	504.0
11951	68107	ZINC	4	450.1	883.9
11952	68107	ZINC	4	284.5	443.2
11953	68107	ZINC	4	144.8	180.1
11955	68107	ZINC	5	267.5	290.1
11956	68107	ZINC	4	190.9	207.6
11958	68107	ZINC	4	184.3	264.8
11959	68107	ZINC	4	153.5	211.5
11960	68107	ZINC	4	304.6	463.3
11961	68107	ZINC	4	210.7	350.7
11962	68107	ZINC	4	562.3	807.2
11964	68107	ZINC	4	125.6	284.3
11965	68107	ZINC	5	142.5	230.2
11966	68107	ZINC	4	266.6	446.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
11967	68107	ZINC	2	173.7	187.1
11968	68107	ZINC	4	259.9	347.1
11970	68107	ZINC	5	252.1	300.4
11971	68107	ZINC	5	383.0	621.0
11973	68107	ZINC	3	195.5	266.0
11975	68107	ZINC	4	257.7	319.4
11977	68107	ZINC	4	216.1	378.8
11979	68107	ZINC	5	212.9	327.4
11982	68107	ZINC	2	282.0	395.9
11985	68107	ZINC	4	493.8	865.6
11986	68107	ZINC	4	261.7	277.5
11987	68107	ZINC	4	364.9	733.2
11988	68107	ZINC	4	345.1	498.9
11989	68107	ZINC	4	241.3	382.1
11990	68107	ZINC	4	244.8	260.6
11991	68107	ZINC	4	185.1	222.4
11993	68107	ZINC	5	151.5	237.5
11994	68107	ZINC	4	203.4	298.0
11995	68107	ZINC	5	281.7	433.5
11996	68107	ZINC	4	779.6	1947.3
11997	68107	ZINC	2	288.2	305.1
11998	68107	ZINC	4	105.1	121.8
11999	68107	ZINC	4	192.1	276.3
12000	68107	ZINC	4	168.2	303.5
12002	68107	ZINC	4	216.6	310.0
12003	68107	ZINC	4	159.8	220.2
12004	68107	ZINC	4	89.0	131.4
12005	68107	ZINC	4	145.7	164.7
12006	68107	ZINC	4	125.8	141.1
12007	68107	ZINC	4	283.1	483.6
12008	68107	ZINC	4	375.4	757.3
12009	68107	ZINC	4	223.4	382.3
12012	68107	ZINC	4	197.5	268.8
12014	68107	ZINC	5	234.9	390.1
12015	68107	ZINC	4	294.6	353.2
12016	68107	ZINC	3	318.8	467.0
12017	68107	ZINC	4	313.2	540.1
12018	68107	ZINC	4	130.6	146.2
12019	68107	ZINC	4	162.4	237.9
12020	68107	ZINC	4	202.4	237.0
12021	68107	ZINC	4	145.4	200.1
12022	68107	ZINC	4	172.3	236.3
12024	68107	ZINC	4	308.3	730.4
12025	68107	ZINC	4	136.0	162.6
12026	68107	ZINC	5	235.5	296.3
12030	68107	ZINC	4	268.1	379.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12031	68107	ZINC	4	240.6	278.0
12032	68107	ZINC	5	237.9	338.7
12034	68107	ZINC	3	176.6	229.5
12035	68107	ZINC	4	110.8	136.0
12036	68107	ZINC	4	315.2	483.9
12037	68107	ZINC	4	331.5	672.3
12038	68107	ZINC	4	238.4	286.4
12039	68107	ZINC	2	178.3	178.5
12041	68107	ZINC	4	186.5	362.5
12042	68107	ZINC	6	269.8	440.4
12043	68107	ZINC	4	200.2	238.1
12044	68107	ZINC	4	187.3	195.2
12047	68107	ZINC	4	136.5	183.2
12048	68107	ZINC	4	385.7	654.2
12049	68107	ZINC	4	168.0	203.4
12050	68107	ZINC	5	134.3	152.1
12051	68107	ZINC	4	238.9	292.0
12052	68107	ZINC	4	170.0	235.7
12053	68107	ZINC	3	416.7	587.3
12054	68107	ZINC	4	195.1	239.8
12055	68107	ZINC	5	160.5	202.5
12056	68107	ZINC	4	275.1	429.7
12057	68107	ZINC	2	285.3	391.9
12058	68107	ZINC	5	177.4	250.2
12059	68107	ZINC	4	179.5	327.7
12060	68107	ZINC	4	184.1	308.3
12061	68107	ZINC	5	153.3	174.8
12062	68107	ZINC	6	136.0	183.0
12067	68107	ZINC	5	123.9	266.9
12068	68107	ZINC	4	258.3	278.1
12071	68107	ZINC	4	360.5	469.3
12074	68107	ZINC	5	145.0	185.4
12075	68107	ZINC	4	186.5	226.3
12076	68107	ZINC	4	151.4	201.0
12077	68107	ZINC	4	319.4	391.9
12078	68107	ZINC	5	134.8	170.6
12080	68107	ZINC	6	157.0	212.6
12081	68107	ZINC	4	255.8	452.7
12082	68107	ZINC	4	243.4	291.1
12084	68107	ZINC	4	174.6	210.7
12085	68107	ZINC	3	173.2	196.6
12086	68107	ZINC	4	236.3	272.2
12087	68107	ZINC	4	151.9	210.0
12088	68107	ZINC	5	119.5	133.9
12090	68107	ZINC	4	210.5	284.3
12091	68107	ZINC	2	303.9	360.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12092	68107	ZINC	2	218.4	221.0
12093	68107	ZINC	4	255.4	433.9
12094	68107	ZINC	4	287.8	440.6
12095	68107	ZINC	4	254.9	407.5
12096	68107	ZINC	4	72.7	90.4
12098	68107	ZINC	5	126.1	174.5
12099	68107	ZINC	5	178.7	237.9
12102	68107	ZINC	5	262.1	303.4
12103	68107	ZINC	4	135.0	203.0
12104	68107	ZINC	5	137.8	205.2
12105	68107	ZINC	5	187.9	266.5
12106	68107	ZINC	4	185.8	258.6
12107	68107	ZINC	5	294.0	544.4
12109	68107	ZINC	5	163.5	259.9
12110	68107	ZINC	4	196.6	258.9
12111	68107	ZINC	5	257.6	372.4
12112	68107	ZINC	2	167.4	191.5
12113	68107	ZINC	5	122.9	154.5
12114	68107	ZINC	6	313.6	410.5
12115	68107	ZINC	4	170.3	189.5
12116	68107	ZINC	4	271.6	347.8
12118	68107	ZINC	4	279.5	498.7
12119	68107	ZINC	3	119.3	155.4
12121	68107	ZINC	4	211.1	302.7
12122	68107	ZINC	4	126.1	167.1
12124	68107	ZINC	3	185.1	236.4
12125	68107	ZINC	4	153.5	250.8
12126	68107	ZINC	6	208.1	248.7
12127	68107	ZINC	4	193.5	338.4
12129	68107	ZINC	6	367.5	1543.0
12131	68107	ZINC	5	99.3	149.8
12132	68107	ZINC	5	152.4	206.6
12133	68107	ZINC	5	162.4	212.2
12134	68107	ZINC	4	223.4	265.7
12135	68107	ZINC	4	257.6	347.0
12136	68107	ZINC	4	130.1	165.0
12137	68107	ZINC	4	134.9	154.8
12138	68107	ZINC	4	112.5	130.8
12139	68107	ZINC	4	250.0	330.3
12141	68107	ZINC	3	462.6	904.0
12142	68107	ZINC	3	352.8	503.3
12143	68107	ZINC	4	128.6	148.0
12144	68107	ZINC	5	175.0	335.4
12146	68107	ZINC	5	239.4	282.9
12147	68107	ZINC	5	244.2	367.0
12148	68107	ZINC	4	190.0	258.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12149	68107	ZINC	3	226.5	260.6
12151	68107	ZINC	4	259.1	405.1
12152	68107	ZINC	5	149.1	253.3
12153	68107	ZINC	4	217.9	276.7
12155	68107	ZINC	4	147.9	201.0
12156	68107	ZINC	5	201.9	311.4
12158	68107	ZINC	4	250.4	361.0
12159	68107	ZINC	3	579.0	1196.3
12162	68107	ZINC	3	351.4	430.6
12164	68107	ZINC	4	226.8	280.2
12165	68107	ZINC	4	275.3	554.8
12166	68107	ZINC	4	288.2	387.3
12167	68107	ZINC	5	198.6	261.3
12168	68107	ZINC	5	92.6	119.7
12169	68107	ZINC	4	377.3	653.2
12170	68107	ZINC	4	160.5	188.9
12171	68107	ZINC	5	180.6	217.9
12172	68107	ZINC	5	256.4	352.2
12173	68107	ZINC	3	275.8	347.9
12175	68107	ZINC	4	244.7	293.7
12178	68107	ZINC	2	413.2	448.8
12179	68107	ZINC	4	259.9	325.6
12180	68107	ZINC	4	268.2	321.0
12181	68107	ZINC	5	217.6	259.5
12182	68107	ZINC	2	293.9	373.4
12184	68107	ZINC	4	201.5	282.7
12186	68107	ZINC	2	169.4	180.5
12187	68107	ZINC	4	281.6	694.0
12190	68107	ZINC	4	217.9	267.3
12191	68107	ZINC	5	209.9	305.7
12192	68107	ZINC	3	139.3	178.8
12194	68107	ZINC	5	284.8	388.3
12195	68107	ZINC	5	123.6	304.6
12197	68107	ZINC	5	180.7	231.8
12198	68107	ZINC	3	115.2	150.5
12199	68107	ZINC	4	141.3	174.7
12200	68107	ZINC	5	105.9	122.8
12202	68107	ZINC	5	280.8	385.8
12205	68107	ZINC	4	233.5	334.1
12206	68107	ZINC	3	230.4	348.4
12209	68107	ZINC	4	134.6	162.9
12211	68107	ZINC	2	229.8	261.6
12214	68107	ZINC	4	152.8	199.9
12215	68107	ZINC	4	249.4	348.7
12217	68107	ZINC	4	186.0	287.9
12218	68107	ZINC	5	238.1	300.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12220	68107	ZINC	6	237.5	262.0
12221	68107	ZINC	5	164.8	246.6
12222	68107	ZINC	4	209.7	240.2
12223	68107	ZINC	4	196.8	356.7
12224	68107	ZINC	4	150.7	183.1
12226	68107	ZINC	4	232.2	263.5
12227	68107	ZINC	5	200.7	240.0
12228	68107	ZINC	4	234.4	363.8
12231	68107	ZINC	4	301.7	345.7
12232	68107	ZINC	4	166.1	220.6
12233	68107	ZINC	4	318.0	376.9
12234	68107	ZINC	4	136.3	176.1
12238	68107	ZINC	4	174.6	206.8
12239	68107	ZINC	5	254.9	433.0
12240	68107	ZINC	5	156.0	193.4
12242	68107	ZINC	3	397.6	650.5
12243	68107	ZINC	4	219.2	285.0
12245	68107	ZINC	5	135.3	216.0
12246	68107	ZINC	5	190.5	285.8
12247	68107	ZINC	4	207.9	263.0
12249	68107	ZINC	4	120.2	194.4
12254	68107	ZINC	4	114.2	157.6
12255	68107	ZINC	4	98.5	137.8
12256	68107	ZINC	4	169.4	227.3
12257	68107	ZINC	4	264.0	477.1
12258	68107	ZINC	4	222.7	320.6
12260	68107	ZINC	5	428.0	549.5
12261	68107	ZINC	5	270.1	647.8
12262	68107	ZINC	4	296.4	499.3
12263	68107	ZINC	4	144.6	205.0
12264	68107	ZINC	4	135.4	148.7
12265	68107	ZINC	4	221.7	257.1
12266	68107	ZINC	4	167.4	197.3
12268	68107	ZINC	4	324.3	469.8
12269	68107	ZINC	4	256.2	357.7
12270	68107	ZINC	5	221.6	505.2
12271	68107	ZINC	4	202.0	267.1
12272	68107	ZINC	5	145.9	200.5
12273	68107	ZINC	4	342.1	467.9
12275	68107	ZINC	4	134.4	151.1
12277	68107	ZINC	5	263.6	294.9
12278	68107	ZINC	4	93.7	127.4
12279	68107	ZINC	5	192.8	269.1
12280	68107	ZINC	5	161.4	185.7
12281	68107	ZINC	5	268.0	349.0
12282	68107	ZINC	4	176.2	191.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12283	68107	ZINC	5	123.6	158.5
12285	68107	ZINC	4	203.2	228.7
12286	68107	ZINC	4	129.8	137.1
12288	68107	ZINC	5	157.5	194.5
12289	68107	ZINC	5	140.1	173.3
12290	68107	ZINC	4	213.3	322.1
12291	68107	ZINC	4	241.8	277.4
12292	68107	ZINC	4	163.6	197.6
12294	68107	ZINC	4	274.4	319.4
12295	68107	ZINC	4	182.4	282.9
12296	68107	ZINC	4	253.6	411.0
12297	68107	ZINC	5	218.4	363.6
12298	68107	ZINC	4	195.1	224.2
12300	68107	ZINC	3	139.2	156.1
12301	68107	ZINC	4	290.9	562.2
12303	68107	ZINC	4	244.6	313.3
12304	68107	ZINC	4	158.3	226.0
12305	68107	ZINC	5	136.4	222.7
12306	68107	ZINC	4	229.2	302.8
12307	68107	ZINC	4	223.3	388.5
12308	68107	ZINC	6	171.7	276.3
12310	68107	ZINC	5	161.7	221.3
12311	68107	ZINC	4	203.5	279.1
12312	68107	ZINC	3	140.8	174.4
12313	68107	ZINC	5	151.5	183.7
12315	68107	ZINC	4	181.7	207.4
12316	68107	ZINC	4	259.0	630.5
12318	68107	ZINC	3	148.8	174.6
12319	68107	ZINC	6	178.2	201.0
12320	68107	ZINC	4	247.7	334.1
12323	68107	ZINC	5	323.3	603.1
12324	68107	ZINC	4	205.7	217.9
12327	68107	ZINC	4	181.2	231.8
12330	68107	ZINC	3	207.5	221.5
12331	68107	ZINC	6	427.8	592.2
12333	68107	ZINC	5	156.1	326.9
12334	68107	ZINC	3	291.2	464.4
12335	68107	ZINC	5	166.2	236.5
12336	68107	ZINC	4	151.9	204.2
12338	68107	ZINC	4	129.9	145.8
12339	68107	ZINC	5	282.3	453.8
12341	68107	ZINC	4	142.9	159.2
12342	68107	ZINC	4	137.6	152.9
12343	68107	ZINC	4	88.8	109.7
12344	68107	ZINC	4	240.5	271.1
12345	68107	ZINC	4	234.6	279.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12346	68107	ZINC	5	129.9	154.9
12350	68107	ZINC	4	146.0	166.1
12351	68107	ZINC	5	221.5	302.1
12354	68107	ZINC	4	424.1	818.4
12355	68107	ZINC	5	365.8	504.9
12356	68107	ZINC	3	183.2	217.3
12358	68107	ZINC	4	126.0	140.5
12360	68107	ZINC	3	259.1	308.7
12362	68107	ZINC	4	158.7	221.2
12363	68107	ZINC	4	348.3	714.4
12364	68107	ZINC	4	305.5	805.5
12365	68107	ZINC	4	229.1	235.5
12366	68107	ZINC	4	86.0	144.3
12371	68107	ZINC	4	160.4	188.5
12372	68107	ZINC	4	267.2	407.9
12374	68107	ZINC	4	124.6	167.1
12376	68107	ZINC	5	214.8	301.7
12377	68107	ZINC	5	212.6	357.7
12378	68107	ZINC	5	108.7	133.1
12380	68107	ZINC	5	148.1	216.7
12383	68107	ZINC	4	243.6	332.6
12385	68107	ZINC	4	232.6	423.8
12386	68107	ZINC	5	147.9	240.7
12387	68107	ZINC	4	239.5	306.9
12388	68107	ZINC	4	288.8	483.5
12390	68107	ZINC	5	113.6	123.8
12391	68107	ZINC	4	248.7	375.6
12392	68107	ZINC	4	168.5	223.3
12394	68107	ZINC	4	177.3	284.7
12395	68107	ZINC	6	105.0	228.0
12396	68107	ZINC	4	299.3	525.9
12397	68107	ZINC	5	258.8	367.6
12399	68107	ZINC	4	260.3	474.7
12400	68107	ZINC	4	198.4	227.2
12401	68107	ZINC	5	180.9	264.1
12403	68107	ZINC	5	425.4	992.7
12404	68107	ZINC	5	317.2	500.9
12405	68107	ZINC	2	152.2	183.9
12407	68107	ZINC	4	188.1	225.2
12410	68107	ZINC	4	186.4	257.4
12411	68107	ZINC	4	249.2	536.6
12414	68107	ZINC	4	438.7	558.3
12418	68107	ZINC	4	185.9	274.0
12419	68107	ZINC	5	131.6	159.2
12420	68107	ZINC	4	254.1	273.0
12421	68107	ZINC	4	182.5	266.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12422	68107	ZINC	5	114.9	186.2
12424	68107	ZINC	4	210.8	241.9
12425	68107	ZINC	3	128.3	157.2
12426	68107	ZINC	4	266.2	319.7
12428	68107	ZINC	4	278.2	464.8
12429	68107	ZINC	4	656.9	2216.8
12430	68107	ZINC	4	344.8	434.8
12431	68107	ZINC	4	317.2	471.1
12432	68107	ZINC	4	200.6	326.6
12433	68107	ZINC	5	743.4	1440.1
12437	68107	ZINC	5	177.6	266.7
12439	68107	ZINC	5	250.1	311.0
12440	68107	ZINC	4	233.5	354.5
12442	68107	ZINC	4	302.9	466.5
12443	68107	ZINC	4	170.8	212.2
12444	68107	ZINC	4	286.4	395.0
12445	68107	ZINC	4	210.6	352.3
12446	68107	ZINC	4	200.7	278.8
12448	68107	ZINC	4	162.3	209.2
12449	68107	ZINC	4	241.4	332.0
12452	68107	ZINC	4	311.0	476.6
12453	68107	ZINC	4	153.4	259.6
12456	68107	ZINC	4	182.6	212.6
12457	68107	ZINC	5	191.3	228.6
12458	68107	ZINC	4	172.7	212.2
12459	68107	ZINC	4	210.9	300.4
12460	68107	ZINC	4	331.0	364.4
12461	68107	ZINC	4	295.2	376.7
12462	68107	ZINC	4	394.0	532.9
12464	68107	ZINC	4	304.5	389.5
12465	68107	ZINC	6	277.7	722.5
12466	68107	ZINC	5	272.4	381.1
12469	68107	ZINC	4	159.6	309.8
12470	68107	ZINC	4	165.7	199.4
12471	68107	ZINC	4	258.2	361.9
12472	68107	ZINC	5	252.4	353.3
12473	68107	ZINC	4	174.3	267.8
12474	68107	ZINC	4	175.6	237.5
12477	68107	ZINC	5	195.1	236.8
12478	68107	ZINC	5	125.8	170.4
12479	68107	ZINC	4	180.9	237.9
12480	68107	ZINC	4	401.5	540.1
12481	68107	ZINC	4	310.3	455.1
12482	68107	ZINC	5	350.0	457.8
12483	68107	ZINC	4	230.0	366.5
12484	68107	ZINC	3	254.7	311.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12485	68107	ZINC	4	174.9	300.5
12486	68107	ZINC	3	228.9	290.3
12487	68107	ZINC	5	116.8	155.6
12489	68107	ZINC	4	373.2	517.0
12490	68107	ZINC	4	188.0	293.4
12491	68107	ZINC	4	320.2	356.5
12493	68107	ZINC	4	275.5	381.7
12494	68107	ZINC	4	214.4	324.5
12496	68107	ZINC	3	222.7	248.2
12497	68107	ZINC	4	198.3	250.0
12498	68107	ZINC	3	152.1	176.4
12499	68107	ZINC	3	173.1	254.0
12500	68107	ZINC	4	237.9	362.0
12501	68107	ZINC	5	224.3	376.1
12502	68107	ZINC	4	254.0	328.3
12505	68107	ZINC	5	168.9	265.7
12506	68107	ZINC	5	286.4	386.1
12510	68107	ZINC	4	275.5	314.0
12514	68107	ZINC	3	128.3	183.4
12515	68107	ZINC	3	236.8	270.5
12516	68107	ZINC	4	411.0	681.9
12517	68107	ZINC	4	382.3	899.6
12518	68107	ZINC	4	253.7	352.7
12519	68107	ZINC	4	165.1	291.3
12520	68107	ZINC	4	176.3	211.6
12521	68107	ZINC	4	179.1	248.7
12522	68107	ZINC	4	205.6	268.4
12524	68107	ZINC	4	386.4	618.6
12526	68107	ZINC	5	184.5	377.6
12527	68107	ZINC	5	158.7	178.3
12528	68107	ZINC	4	182.5	259.5
12529	68107	ZINC	4	301.5	461.3
12530	68107	ZINC	5	236.7	410.4
12535	68107	ZINC	3	200.2	278.6
12537	68107	ZINC	3	317.8	538.0
12538	68107	ZINC	4	175.4	236.8
12539	68107	ZINC	6	207.2	260.0
12541	68107	ZINC	5	164.3	244.1
12544	68107	ZINC	5	234.1	287.3
12545	68107	ZINC	4	155.1	303.7
12546	68107	ZINC	5	162.2	213.5
12547	68107	ZINC	4	216.2	270.1
12548	68107	ZINC	5	221.8	389.8
12549	68107	ZINC	4	151.3	177.3
12550	68107	ZINC	4	309.6	450.1
12551	68107	ZINC	4	194.3	250.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12554	68107	ZINC	4	204.3	247.6
12555	68107	ZINC	3	218.9	247.2
12556	68107	ZINC	4	169.6	253.8
12558	68107	ZINC	4	207.0	365.7
12559	68107	ZINC	3	273.5	344.2
12560	68107	ZINC	4	435.4	577.6
12561	68107	ZINC	4	286.6	346.2
12564	68107	ZINC	4	278.9	373.4
12565	68107	ZINC	4	186.8	252.5
12566	68107	ZINC	4	151.4	214.1
12567	68107	ZINC	4	153.3	169.9
12569	68107	ZINC	5	188.8	259.5
12572	68107	ZINC	5	438.5	732.0
12573	68107	ZINC	5	284.7	476.9
12574	68107	ZINC	4	244.6	354.8
12575	68107	ZINC	4	225.7	318.7
12577	68107	ZINC	3	471.3	617.4
12579	68107	ZINC	4	251.7	377.2
12580	68107	ZINC	4	166.9	238.9
12581	68107	ZINC	4	180.2	203.8
12582	68107	ZINC	5	179.1	232.3
12583	68107	ZINC	6	217.8	336.8
12584	68107	ZINC	4	88.5	125.0
12585	68107	ZINC	3	174.6	201.9
12586	68107	ZINC	4	315.1	391.2
12588	68107	ZINC	5	265.6	383.0
12589	68107	ZINC	4	258.6	382.6
12590	68107	ZINC	4	232.5	446.8
12593	68107	ZINC	4	177.4	241.9
12594	68107	ZINC	5	304.1	577.1
12595	68107	ZINC	3	249.2	309.4
12599	68107	ZINC	2	145.2	163.7
12600	68107	ZINC	5	89.4	143.0
12602	68107	ZINC	4	107.5	131.9
12603	68107	ZINC	5	112.7	125.2
12604	68107	ZINC	4	148.3	161.0
12605	68107	ZINC	4	102.8	114.3
12606	68107	ZINC	4	246.4	329.2
12609	68107	ZINC	5	206.7	251.7
12610	68107	ZINC	4	288.2	496.6
12611	68107	ZINC	4	115.3	150.3
12612	68107	ZINC	2	207.5	265.9
12613	68107	ZINC	4	264.0	273.1
12614	68107	ZINC	4	201.7	235.0
12615	68107	ZINC	4	286.5	371.0
12617	68107	ZINC	5	209.5	250.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12618	68107	ZINC	4	381.1	505.3
12623	68107	ZINC	4	189.9	255.0
12624	68107	ZINC	4	219.9	269.5
12625	68107	ZINC	4	258.5	421.1
12626	68107	ZINC	4	216.3	235.9
12627	68107	ZINC	5	265.0	318.2
12628	68107	ZINC	5	175.6	271.3
12632	68107	ZINC	4	200.1	264.2
12636	68107	ZINC	4	208.8	334.1
12644	68107	ZINC	5	265.1	339.0
12645	68107	ZINC	4	367.9	505.4
12647	68107	ZINC	4	176.8	209.0
12648	68107	ZINC	6	194.9	485.5
12649	68107	ZINC	4	237.7	298.7
12652	68107	ZINC	1	272.0	272.0
12653	68107	ZINC	5	175.5	236.7
12654	68107	ZINC	5	340.7	488.4
12655	68107	ZINC	4	190.9	304.2
12656	68107	ZINC	4	422.2	627.5
12657	68107	ZINC	4	276.4	400.3
12659	68107	ZINC	4	333.1	537.6
12661	68107	ZINC	4	175.8	204.7
12663	68107	ZINC	4	338.7	445.2
12665	68107	ZINC	4	206.2	306.4
12666	68107	ZINC	5	314.0	392.1
12667	68107	ZINC	4	286.4	445.9
12668	68107	ZINC	4	335.4	500.6
12670	68107	ZINC	4	393.3	480.7
12671	68107	ZINC	4	199.8	310.7
12674	68107	ZINC	2	538.4	570.5
12676	68107	ZINC	4	329.9	542.0
12677	68107	ZINC	4	219.6	374.7
12678	68107	ZINC	4	185.4	313.5
12679	68107	ZINC	4	171.5	192.0
12682	68107	ZINC	5	90.2	167.0
12684	68107	ZINC	4	142.0	198.5
12685	68107	ZINC	4	239.3	305.1
12687	68107	ZINC	4	301.1	462.9
12688	68107	ZINC	4	191.3	243.9
12690	68107	ZINC	5	165.9	272.8
12691	68107	ZINC	4	250.6	342.0
12692	68107	ZINC	4	408.9	703.7
12694	68107	ZINC	4	273.5	307.7
12697	68107	ZINC	4	144.1	199.2
12699	68107	ZINC	4	117.5	180.4
12701	68107	ZINC	2	292.9	390.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12707	68107	ZINC	4	222.6	253.0
12709	68107	ZINC	5	199.2	267.2
12710	68107	ZINC	4	253.7	457.2
12711	68107	ZINC	4	176.5	257.0
12713	68107	ZINC	4	297.8	713.0
12714	68107	ZINC	4	133.0	186.0
12716	68107	ZINC	5	226.0	250.2
12718	68107	ZINC	3	157.1	171.8
12721	68107	ZINC	3	369.2	559.0
12723	68107	ZINC	4	360.4	492.1
12725	68107	ZINC	4	247.1	328.0
12726	68107	ZINC	4	160.9	182.9
12727	68107	ZINC	4	157.4	202.4
12729	68107	ZINC	4	239.7	259.0
12732	68107	ZINC	5	145.4	190.2
12733	68107	ZINC	5	298.7	457.6
12735	68107	ZINC	3	283.7	327.6
12736	68107	ZINC	5	210.2	409.1
12737	68107	ZINC	4	233.7	329.7
12738	68107	ZINC	4	242.2	320.1
12739	68107	ZINC	4	245.6	420.6
12740	68107	ZINC	3	538.6	902.3
12741	68107	ZINC	6	219.5	271.5
12742	68107	ZINC	4	246.5	305.6
12744	68107	ZINC	4	233.5	306.0
12747	68107	ZINC	2	136.8	138.1
12748	68107	ZINC	4	244.1	298.9
12749	68107	ZINC	5	148.8	169.9
12751	68107	ZINC	4	371.7	552.4
12753	68107	ZINC	4	362.2	501.4
12755	68107	ZINC	4	176.2	235.9
12759	68107	ZINC	4	196.5	346.8
12760	68107	ZINC	6	174.5	204.2
12761	68107	ZINC	5	236.8	353.0
12764	68107	ZINC	5	222.5	319.4
12766	68107	ZINC	4	336.9	414.0
12769	68107	ZINC	4	225.7	268.6
12772	68107	ZINC	4	204.6	277.9
12774	68107	ZINC	2	143.2	162.7
12783	68107	ZINC	4	314.0	648.1
12785	68107	ZINC	4	190.2	242.4
12787	68107	ZINC	4	145.0	211.2
12789	68107	ZINC	3	319.9	382.0
12791	68107	ZINC	4	252.4	364.4
12792	68107	ZINC	5	241.4	437.9
12794	68107	ZINC	4	268.2	328.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12796	68107	ZINC	4	276.5	434.4
12798	68107	ZINC	4	264.8	369.4
12800	68107	ZINC	5	222.8	401.4
12810	68107	ZINC	5	212.7	238.2
12811	68107	ZINC	4	130.9	141.4
12812	68107	ZINC	6	289.0	327.9
12815	68107	ZINC	4	141.1	169.2
12818	68107	ZINC	4	181.5	219.6
12820	68107	ZINC	4	469.7	808.7
12823	68107	ZINC	5	307.4	457.7
12826	68107	ZINC	4	201.9	291.5
12827	68107	ZINC	4	196.2	206.8
12830	68107	ZINC	4	260.5	308.6
12831	68107	ZINC	3	259.6	271.7
12833	68107	ZINC	4	359.2	484.6
12834	68107	ZINC	4	329.5	562.4
12835	68107	ZINC	4	287.5	368.7
12840	68107	ZINC	4	583.1	996.1
12844	68107	ZINC	5	208.6	334.6
12845	68107	ZINC	5	184.4	217.7
12847	68107	ZINC	4	359.7	794.0
12848	68107	ZINC	5	293.7	378.4
12850	68107	ZINC	3	286.8	336.9
12851	68107	ZINC	4	241.7	279.0
12856	68107	ZINC	4	229.7	286.3
12858	68107	ZINC	4	176.5	204.2
12865	68107	ZINC	4	228.8	265.3
12870	68107	ZINC	4	250.3	359.1
12871	68107	ZINC	4	377.5	488.0
12874	68107	ZINC	3	337.9	410.8
12876	68107	ZINC	3	193.4	213.8
12877	68107	ZINC	4	262.3	323.5
12879	68107	ZINC	4	248.4	298.0
12884	68107	ZINC	4	120.0	167.7
12885	68107	ZINC	4	236.4	313.4
12888	68107	ZINC	5	184.3	331.2
12891	68107	ZINC	4	200.3	299.5
12893	68107	ZINC	4	162.7	206.0
12894	68107	ZINC	4	173.9	180.6
12897	68107	ZINC	4	409.3	546.7
12898	68107	ZINC	5	152.6	226.5
12901	68107	ZINC	5	300.8	377.5
12902	68107	ZINC	5	193.7	286.3
12903	68107	ZINC	5	139.7	210.0
12907	68107	ZINC	4	312.7	410.7
12908	68107	ZINC	4	302.5	432.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12910	68107	ZINC	4	299.8	607.7
12911	68107	ZINC	4	164.1	235.4
12912	68107	ZINC	5	577.6	1762.9
12913	68107	ZINC	4	497.5	841.2
12914	68107	ZINC	4	259.6	396.4
12915	68107	ZINC	3	273.0	342.0
12916	68107	ZINC	4	146.1	175.9
12920	68107	ZINC	4	326.5	458.2
12921	68107	ZINC	4	333.4	387.0
12927	68107	ZINC	6	214.3	287.3
12929	68107	ZINC	4	185.3	230.7
12934	68107	ZINC	4	230.0	272.0
12944	68107	ZINC	4	133.2	156.2
12948	68107	ZINC	5	180.6	253.0
12951	68107	ZINC	4	294.2	437.6
12954	68107	ZINC	5	205.8	262.5
12959	68107	ZINC	4	141.6	171.9
12970	68107	ZINC	5	171.3	246.1
12979	68107	ZINC	4	236.6	305.1
12981	68107	ZINC	4	248.3	395.5
12985	68107	ZINC	4	183.1	255.5
12988	68107	ZINC	4	216.3	303.7
12989	68107	ZINC	4	153.3	246.2
12990	68107	ZINC	3	242.4	266.5
12992	68107	ZINC	4	335.4	440.4
12993	68107	ZINC	4	227.8	503.4
12994	68107	ZINC	5	120.1	228.3
12997	68107	ZINC	4	265.4	471.2
12998	68107	ZINC	3	225.0	310.3
13004	68107	ZINC	4	258.0	310.6
13006	68107	ZINC	4	265.1	419.2
13018	68107	ZINC	4	154.4	181.5
13021	68107	ZINC	4	191.6	240.6
13022	68107	ZINC	4	216.9	252.9
13024	68107	ZINC	4	504.9	1393.9
13026	68107	ZINC	4	229.9	330.5
13028	68107	ZINC	4	195.0	231.9
13037	68107	ZINC	4	282.3	368.6
13038	68107	ZINC	4	281.0	400.0
13039	68107	ZINC	4	254.8	412.8
13040	68107	ZINC	4	413.8	619.5
13042	68107	ZINC	6	336.5	443.2
13043	68107	ZINC	4	225.6	279.3
13044	68107	ZINC	4	327.1	474.7
13045	68107	ZINC	4	230.9	261.6
13051	68107	ZINC	4	248.6	324.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18847	68107	ZINC	5	189.3	221.2
43664	68107	ZINC	4	117.5	135.7
43665	68107	ZINC	4	124.5	165.8
43666	68107	ZINC	5	125.3	184.7
43667	68107	ZINC	4	122.6	236.1
43668	68107	ZINC	4	156.3	302.5
43669	68107	ZINC	5	147.2	162.2
43671	68107	ZINC	5	96.3	219.3
43673	68107	ZINC	4	178.6	245.8
43674	68107	ZINC	5	112.4	232.3
43675	68107	ZINC	4	105.9	138.8
43676	68107	ZINC	5	160.4	241.7
43677	68107	ZINC	5	124.6	166.6
43678	68107	ZINC	4	131.1	142.2
43679	68107	ZINC	3	159.4	253.3
43680	68107	ZINC	5	166.3	241.4
43681	68107	ZINC	4	130.5	188.0
43682	68107	ZINC	4	147.7	171.6
43683	68107	ZINC	4	112.1	148.9
43685	68107	ZINC	5	278.1	779.7
43686	68107	ZINC	5	115.0	141.4
43687	68107	ZINC	4	137.0	176.3
43689	68107	ZINC	5	351.8	1144.1
43690	68107	ZINC	4	181.6	229.7
43691	68107	ZINC	4	107.3	120.6
43692	68107	ZINC	4	165.4	328.8
43693	68107	ZINC	4	197.3	258.0
43694	68107	ZINC	3	116.7	123.6
43695	68107	ZINC	4	44.5	47.1
43696	68107	ZINC	4	169.4	193.9
43698	68107	ZINC	4	106.7	138.9
43699	68107	ZINC	4	128.3	133.8
43700	68107	ZINC	3	225.6	382.0
43701	68107	ZINC	3	179.9	226.8
43702	68107	ZINC	4	230.0	446.4
43703	68107	ZINC	5	149.6	191.4
43704	68107	ZINC	4	118.3	125.0
43705	68107	ZINC	4	182.0	243.6
43706	68107	ZINC	4	118.8	134.1
43707	68107	ZINC	5	258.7	788.5
43708	68107	ZINC	4	122.1	134.4
43709	68107	ZINC	4	166.2	214.7
43710	68107	ZINC	4	175.1	235.3
43711	68107	ZINC	5	141.8	195.0
43713	68107	ZINC	4	155.8	258.4
43714	68107	ZINC	5	214.9	622.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
43716	68107	ZINC	5	118.9	137.2
43717	68107	ZINC	6	162.6	203.0
43719	68107	ZINC	4	124.5	168.7
43720	68107	ZINC	4	124.8	168.0
43721	68107	ZINC	4	174.3	247.6
43722	68107	ZINC	5	169.4	214.2
43724	68107	ZINC	4	197.0	361.5
43725	68107	ZINC	5	195.6	214.7
43726	68107	ZINC	2	245.1	334.1
43727	68107	ZINC	4	315.4	523.3
43728	68107	ZINC	4	216.5	296.6
43729	68107	ZINC	4	164.3	207.2
43730	68107	ZINC	5	226.5	262.2
43731	68107	ZINC	5	204.1	336.9
43732	68107	ZINC	4	176.5	197.1
43733	68107	ZINC	6	61.1	136.7
43734	68107	ZINC	5	147.7	206.8
43735	68107	ZINC	4	128.2	152.9
43736	68107	ZINC	3	114.6	130.0
43737	68107	ZINC	6	121.7	194.6
43738	68107	ZINC	5	116.1	132.6
43739	68107	ZINC	4	161.4	214.1
43740	68107	ZINC	4	190.1	328.2
43743	68107	ZINC	4	154.8	270.2
43744	68107	ZINC	3	100.2	106.0
43745	68107	ZINC	4	137.5	166.9
43746	68107	ZINC	4	140.7	220.5
43747	68107	ZINC	4	144.3	165.2
43748	68107	ZINC	4	253.9	471.3
43749	68107	ZINC	4	318.1	681.5
43750	68107	ZINC	4	230.2	447.8
43752	68107	ZINC	5	151.1	174.6
43753	68107	ZINC	4	158.8	206.2
43755	68107	ZINC	4	143.0	195.6
43758	68107	ZINC	4	244.6	467.1
43759	68107	ZINC	4	96.3	132.7
43760	68107	ZINC	4	399.7	504.9
43761	68107	ZINC	5	199.9	487.2
43762	68107	ZINC	5	224.1	368.2
43764	68107	ZINC	4	175.2	231.4
43765	68107	ZINC	5	138.2	380.2
43766	68107	ZINC	4	161.5	471.3
43768	68107	ZINC	4	193.7	244.5
43769	68107	ZINC	5	101.0	177.6
43771	68107	ZINC	4	130.2	168.0
43772	68107	ZINC	5	143.3	166.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
43773	68107	ZINC	4	152.8	178.6
43774	68107	ZINC	5	138.1	191.8
43775	68107	ZINC	4	216.6	472.2
43777	68107	ZINC	5	130.9	200.8
43778	68107	ZINC	2	110.7	115.2
43779	68107	ZINC	5	146.5	193.9
43781	68107	ZINC	4	123.6	150.3
43782	68107	ZINC	4	76.0	98.3
43783	68107	ZINC	4	88.0	123.4
43784	68107	ZINC	4	179.4	219.7
43785	68107	ZINC	3	148.8	174.3
43786	68107	ZINC	5	122.8	199.8
43787	68107	ZINC	4	117.9	124.3
43789	68107	ZINC	4	213.1	349.9
43790	68107	ZINC	4	121.3	148.9
43793	68107	ZINC	4	177.6	257.1
43794	68107	ZINC	4	134.7	146.7
43795	68107	ZINC	5	76.8	116.4
43796	68107	ZINC	4	101.6	108.6
43797	68107	ZINC	4	84.7	127.3
43798	68107	ZINC	4	176.3	258.9
43799	68107	ZINC	5	134.2	162.8
43800	68107	ZINC	4	202.9	386.0
43802	68107	ZINC	4	110.2	130.9
43803	68107	ZINC	6	133.4	247.6
43805	68107	ZINC	5	84.1	115.3
43806	68107	ZINC	5	183.9	232.3
43807	68107	ZINC	4	158.1	180.5
43808	68107	ZINC	4	172.5	209.0
43809	68107	ZINC	5	189.6	313.2
43810	68107	ZINC	4	97.6	125.2
43811	68107	ZINC	4	88.6	96.0
43812	68107	ZINC	4	245.9	457.3
43813	68107	ZINC	5	127.4	153.3
43815	68107	ZINC	4	116.8	163.4
43816	68107	ZINC	5	191.6	267.2
43817	68107	ZINC	4	176.7	230.0
43818	68107	ZINC	4	278.3	530.3
43819	68107	ZINC	4	200.1	384.4
43820	68107	ZINC	4	178.5	222.7
43822	68107	ZINC	4	146.3	167.2
43823	68107	ZINC	4	160.4	244.4
43824	68107	ZINC	4	209.5	245.5
43825	68107	ZINC	4	135.9	192.8
43826	68107	ZINC	4	188.7	205.4
43827	68107	ZINC	4	143.0	185.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
43828	68107	ZINC	4	201.9	264.3
43829	68107	ZINC	4	237.1	423.6
43830	68107	ZINC	4	160.7	215.2
43831	68107	ZINC	4	111.7	129.9
43832	68107	ZINC	4	126.4	167.5
43833	68107	ZINC	4	144.0	173.4
43834	68107	ZINC	4	130.1	143.9
43836	68107	ZINC	6	244.6	711.5
43838	68107	ZINC	5	378.6	1334.9
43839	68107	ZINC	4	105.9	136.4
43843	68107	ZINC	4	189.3	269.5
43845	68107	ZINC	4	163.9	206.6
43846	68107	ZINC	5	122.2	172.2
43847	68107	ZINC	4	176.3	186.8
43849	68107	ZINC	5	172.9	222.6
43850	68107	ZINC	4	203.1	253.7
43851	68107	ZINC	4	96.6	131.6
43852	68107	ZINC	3	142.3	144.0
43853	68107	ZINC	4	240.2	395.7
43854	68107	ZINC	4	314.1	545.7
43855	68107	ZINC	4	192.0	278.6
43856	68107	ZINC	3	174.9	195.7
43858	68107	ZINC	4	121.3	167.0
43859	68107	ZINC	4	124.6	144.1
43860	68107	ZINC	4	211.8	365.7
43861	68107	ZINC	4	74.7	90.6
43862	68107	ZINC	4	132.1	164.1
43863	68107	ZINC	4	296.4	512.1
43865	68107	ZINC	5	129.3	148.3
43866	68107	ZINC	2	184.7	235.9
43869	68107	ZINC	4	86.9	89.8
43870	68107	ZINC	4	173.1	341.5
43871	68107	ZINC	6	59.4	105.2
43872	68107	ZINC	4	185.3	333.2
43874	68107	ZINC	4	274.6	309.0
43875	68107	ZINC	4	154.7	193.0
43876	68107	ZINC	4	303.7	368.3
43878	68107	ZINC	5	113.6	139.6
43880	68107	ZINC	4	253.6	294.8
43881	68107	ZINC	4	131.1	133.6
43882	68107	ZINC	4	171.0	270.3
43884	68107	ZINC	5	191.7	273.8
43886	68107	ZINC	6	173.7	206.7
43888	68107	ZINC	5	116.0	192.4
43889	68107	ZINC	5	100.5	108.4
43890	68107	ZINC	5	84.5	117.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
43891	68107	ZINC	5	175.8	283.5
43892	68107	ZINC	5	180.3	242.3
43893	68107	ZINC	5	135.2	220.0
43894	68107	ZINC	5	172.3	258.6
43895	68107	ZINC	4	97.9	111.7
43896	68107	ZINC	4	135.7	155.4
43897	68107	ZINC	4	143.6	183.2
43901	68107	ZINC	5	177.7	244.7
43903	68107	ZINC	4	111.8	131.0
43904	68107	ZINC	4	169.2	227.3
43905	68107	ZINC	4	112.8	148.7
43906	68107	ZINC	4	189.8	376.4
43907	68107	ZINC	4	150.7	200.5
43908	68107	ZINC	5	118.0	160.7
43909	68107	ZINC	4	128.1	157.0
43910	68107	ZINC	4	677.6	1046.1
43911	68107	ZINC	4	120.2	137.8
43912	68107	ZINC	5	164.2	242.8
43913	68107	ZINC	4	127.3	145.7
43914	68107	ZINC	5	197.6	242.2
43916	68107	ZINC	4	87.3	136.2
43917	68107	ZINC	5	196.9	240.0
43918	68107	ZINC	4	76.5	110.0
43919	68107	ZINC	5	147.7	261.9
43920	68107	ZINC	4	143.6	171.3
43921	68107	ZINC	4	136.5	144.2
43922	68107	ZINC	4	133.6	165.0
43924	68107	ZINC	4	170.1	250.8
43925	68107	ZINC	5	153.7	250.1
43926	68107	ZINC	5	111.9	122.9
43927	68107	ZINC	4	112.0	161.2
43928	68107	ZINC	5	183.6	254.8
43929	68107	ZINC	4	217.2	449.1
43930	68107	ZINC	4	176.6	204.5
43931	68107	ZINC	3	209.3	252.2
43933	68107	ZINC	4	144.8	152.0
43934	68107	ZINC	4	141.5	179.2
43935	68107	ZINC	4	205.0	260.6
43936	68107	ZINC	5	143.9	167.8
43937	68107	ZINC	4	176.5	241.1
43938	68107	ZINC	4	100.4	147.4
43939	68107	ZINC	5	175.7	222.3
43940	68107	ZINC	4	489.3	1164.8
43942	68107	ZINC	4	168.5	243.0
43945	68107	ZINC	4	158.2	198.1
43946	68107	ZINC	4	150.5	240.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
43949	68107	ZINC	5	250.6	334.7
43950	68107	ZINC	5	217.3	356.2
43951	68107	ZINC	4	109.4	164.3
43953	68107	ZINC	5	163.9	317.1
43954	68107	ZINC	5	173.4	232.4
43957	68107	ZINC	4	245.5	326.5
43958	68107	ZINC	4	132.2	176.8
43960	68107	ZINC	4	139.2	162.8
43961	68107	ZINC	4	101.5	117.4
43962	68107	ZINC	5	201.3	288.0
43963	68107	ZINC	4	170.2	280.7
43964	68107	ZINC	4	124.5	144.2
43965	68107	ZINC	4	323.4	612.2
43966	68107	ZINC	4	165.2	229.5
43967	68107	ZINC	4	124.1	145.9
43968	68107	ZINC	4	306.7	555.9
43969	68107	ZINC	4	207.1	572.0
43970	68107	ZINC	2	183.2	196.6
43971	68107	ZINC	5	131.5	178.7
43974	68107	ZINC	5	134.4	177.3
43975	68107	ZINC	4	132.7	159.4
43976	68107	ZINC	6	119.9	207.1
43977	68107	ZINC	4	121.1	131.6
43978	68107	ZINC	5	115.6	140.6
43979	68107	ZINC	4	91.2	122.9
43982	68107	ZINC	4	119.2	165.7
43983	68107	ZINC	5	169.6	207.1
43984	68107	ZINC	4	142.5	172.5
43985	68107	ZINC	5	164.9	187.7
43986	68107	ZINC	4	129.0	155.0
43987	68107	ZINC	5	142.9	221.3
43988	68107	ZINC	4	185.0	216.1
43989	68107	ZINC	5	246.4	657.8
43991	68107	ZINC	5	168.7	212.3
43992	68107	ZINC	4	104.4	111.1
43993	68107	ZINC	5	211.3	270.3
43994	68107	ZINC	6	171.8	252.4
43996	68107	ZINC	5	130.0	158.3
43998	68107	ZINC	4	180.8	242.7
43999	68107	ZINC	4	145.2	197.2
44000	68107	ZINC	4	166.4	268.4
44001	68107	ZINC	4	153.2	178.8
44002	68107	ZINC	4	108.0	139.6
44003	68107	ZINC	4	151.9	329.6
44004	68107	ZINC	4	133.4	196.2
44005	68107	ZINC	4	170.4	321.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44006	68107	ZINC	4	102.9	142.6
44008	68107	ZINC	5	120.6	184.1
44010	68107	ZINC	5	171.5	231.3
44011	68107	ZINC	4	222.4	284.2
44013	68107	ZINC	4	142.9	196.7
44014	68107	ZINC	4	140.1	220.8
44016	68107	ZINC	4	86.4	104.4
44017	68107	ZINC	4	181.0	348.7
44018	68107	ZINC	4	136.4	169.0
44019	68107	ZINC	5	209.7	447.1
44020	68107	ZINC	4	180.5	237.2
44022	68107	ZINC	5	166.3	193.0
44023	68107	ZINC	4	108.6	118.1
44024	68107	ZINC	4	126.0	163.3
44025	68107	ZINC	4	208.4	256.6
44026	68107	ZINC	5	160.8	258.1
44028	68107	ZINC	5	198.4	352.3
44029	68107	ZINC	4	127.7	148.0
44031	68107	ZINC	4	166.5	210.4
44032	68107	ZINC	4	101.1	143.0
44033	68107	ZINC	5	203.5	330.8
44034	68107	ZINC	3	117.4	149.2
44035	68107	ZINC	4	146.3	175.5
44037	68107	ZINC	5	228.3	280.3
44039	68107	ZINC	4	121.1	140.5
44040	68107	ZINC	4	218.1	311.0
44041	68107	ZINC	4	153.6	161.3
44042	68107	ZINC	4	231.5	322.3
44044	68107	ZINC	4	148.2	209.7
44046	68107	ZINC	4	224.3	302.8
44047	68107	ZINC	4	151.3	183.4
44048	68107	ZINC	5	93.0	121.8
44049	68107	ZINC	4	190.6	223.4
44050	68107	ZINC	4	115.1	143.0
44052	68107	ZINC	4	133.1	171.3
44053	68107	ZINC	4	124.5	143.0
44055	68107	ZINC	4	107.3	112.0
44056	68107	ZINC	5	121.4	164.6
44057	68107	ZINC	4	107.8	121.6
44059	68107	ZINC	4	213.7	430.6
44060	68107	ZINC	3	2284.3	6180.1
44061	68107	ZINC	4	97.0	161.4
44062	68107	ZINC	4	123.8	136.9
44063	68107	ZINC	3	127.3	161.3
44064	68107	ZINC	5	177.1	293.9
44065	68107	ZINC	4	144.4	186.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44066	68107	ZINC	4	117.6	185.4
44067	68107	ZINC	4	146.8	176.9
44068	68107	ZINC	4	130.3	161.8
44069	68107	ZINC	4	250.0	292.7
44070	68107	ZINC	5	193.4	235.2
44072	68107	ZINC	4	205.7	264.8
44073	68107	ZINC	4	221.6	262.7
44074	68107	ZINC	5	133.2	148.4
44075	68107	ZINC	4	132.4	151.2
44076	68107	ZINC	5	479.3	855.8
44077	68107	ZINC	4	103.8	120.8
44079	68107	ZINC	5	127.2	162.5
44080	68107	ZINC	4	117.8	138.7
44081	68107	ZINC	4	195.4	310.5
44082	68107	ZINC	5	145.4	170.2
44083	68107	ZINC	4	107.5	182.4
44084	68107	ZINC	4	169.9	289.1
44085	68107	ZINC	4	168.3	239.6
44088	68107	ZINC	4	227.6	381.0
44089	68107	ZINC	4	159.8	176.6
44090	68107	ZINC	4	173.4	201.9
44091	68107	ZINC	4	163.4	193.9
44092	68107	ZINC	4	144.2	158.9
44094	68107	ZINC	4	157.2	167.5
44099	68107	ZINC	5	139.2	163.5
44101	68107	ZINC	5	133.4	149.4
44102	68107	ZINC	4	129.8	144.0
44103	68107	ZINC	5	170.1	243.6
44104	68107	ZINC	4	171.4	217.4
44105	68107	ZINC	4	110.1	118.3
44106	68107	ZINC	4	204.4	301.1
44107	68107	ZINC	5	308.3	385.9
44108	68107	ZINC	3	150.0	162.8
44111	68107	ZINC	4	171.0	203.7
44112	68107	ZINC	5	296.0	464.6
44113	68107	ZINC	4	184.8	205.6
44114	68107	ZINC	5	158.7	307.4
44115	68107	ZINC	3	279.1	352.7
44116	68107	ZINC	4	309.6	542.6
44117	68107	ZINC	4	159.1	218.4
44118	68107	ZINC	4	135.8	164.5
44119	68107	ZINC	4	67.2	111.3
44120	68107	ZINC	4	296.8	339.2
44123	68107	ZINC	6	221.9	297.4
44124	68107	ZINC	4	244.6	304.8
44125	68107	ZINC	5	227.8	299.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44127	68107	ZINC	4	140.1	232.0
44128	68107	ZINC	4	144.5	165.0
44129	68107	ZINC	4	235.8	282.1
44130	68107	ZINC	5	154.8	202.8
44131	68107	ZINC	4	551.3	1594.4
44132	68107	ZINC	4	241.8	308.8
44133	68107	ZINC	4	104.4	130.7
44134	68107	ZINC	4	212.9	283.0
44135	68107	ZINC	3	158.7	217.1
44137	68107	ZINC	4	224.4	394.0
44139	68107	ZINC	4	113.3	121.8
44140	68107	ZINC	4	149.6	187.7
44143	68107	ZINC	4	241.2	273.4
44144	68107	ZINC	4	242.4	343.5
44145	68107	ZINC	4	293.6	415.1
44146	68107	ZINC	5	250.0	443.1
44147	68107	ZINC	4	141.4	181.0
44148	68107	ZINC	5	301.5	461.7
44150	68107	ZINC	5	199.9	331.2
44151	68107	ZINC	5	173.1	240.2
44152	68107	ZINC	5	55.6	91.0
44153	68107	ZINC	4	153.4	188.4
44155	68107	ZINC	5	121.3	135.6
44156	68107	ZINC	4	160.2	177.1
44157	68107	ZINC	5	158.6	205.3
44158	68107	ZINC	4	138.1	179.4
44160	68107	ZINC	4	164.0	196.3
44161	68107	ZINC	5	86.0	216.0
44162	68107	ZINC	4	206.5	248.0
44163	68107	ZINC	4	317.1	428.7
44164	68107	ZINC	4	185.5	199.1
44165	68107	ZINC	5	143.2	184.1
44166	68107	ZINC	4	132.5	152.9
44167	68107	ZINC	4	156.7	205.5
44169	68107	ZINC	4	146.9	161.0
44170	68107	ZINC	4	112.9	120.0
44171	68107	ZINC	5	142.3	194.0
44173	68107	ZINC	4	111.8	144.0
44174	68107	ZINC	5	124.5	137.7
44176	68107	ZINC	6	157.5	253.5
44177	68107	ZINC	4	173.5	194.8
44178	68107	ZINC	5	108.2	116.4
44179	68107	ZINC	4	119.5	151.7
44180	68107	ZINC	4	97.7	143.4
44181	68107	ZINC	4	152.9	182.6
44182	68107	ZINC	4	117.3	145.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44183	68107	ZINC	4	142.6	174.3
44184	68107	ZINC	5	170.7	241.9
44185	68107	ZINC	5	178.5	251.7
44186	68107	ZINC	4	257.0	324.7
44187	68107	ZINC	5	375.6	1183.6
44188	68107	ZINC	4	133.4	162.0
44194	68107	ZINC	4	210.8	362.4
44196	68107	ZINC	5	119.4	179.5
44197	68107	ZINC	2	181.3	198.9
44198	68107	ZINC	5	123.6	136.9
44199	68107	ZINC	5	234.8	367.4
44200	68107	ZINC	4	95.4	109.1
44201	68107	ZINC	5	119.3	171.1
44202	68107	ZINC	6	118.7	173.4
44203	68107	ZINC	5	81.3	101.8
44205	68107	ZINC	5	173.9	238.4
44208	68107	ZINC	2	169.9	174.8
44210	68107	ZINC	4	115.6	133.4
44211	68107	ZINC	4	244.8	457.5
44212	68107	ZINC	4	154.0	161.0
44213	68107	ZINC	4	153.6	193.9
44214	68107	ZINC	4	223.5	261.7
44217	68107	ZINC	4	89.9	112.2
44219	68107	ZINC	3	154.1	173.4
44220	68107	ZINC	3	135.7	148.9
44221	68107	ZINC	5	170.6	261.4
44222	68107	ZINC	5	130.3	156.5
44224	68107	ZINC	5	168.9	189.0
44225	68107	ZINC	4	163.7	201.0
44227	68107	ZINC	4	213.5	274.3
44228	68107	ZINC	4	122.9	140.6
44230	68107	ZINC	5	275.6	621.1
44231	68107	ZINC	4	121.3	167.2
44233	68107	ZINC	4	130.2	149.5
44234	68107	ZINC	4	206.4	306.0
44235	68107	ZINC	4	161.3	183.1
44236	68107	ZINC	4	122.2	129.7
44237	68107	ZINC	5	117.3	128.9
44239	68107	ZINC	4	63.9	116.5
44240	68107	ZINC	5	129.1	150.1
44241	68107	ZINC	3	119.4	134.3
44244	68107	ZINC	4	161.0	215.2
44245	68107	ZINC	5	166.0	192.8
44246	68107	ZINC	4	118.8	175.4
44248	68107	ZINC	5	154.8	242.8
44250	68107	ZINC	4	197.4	273.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44251	68107	ZINC	4	127.2	147.6
44252	68107	ZINC	4	232.8	377.2
44253	68107	ZINC	5	289.1	473.0
44254	68107	ZINC	6	100.8	158.9
44255	68107	ZINC	4	178.5	227.2
44256	68107	ZINC	4	153.3	178.5
44258	68107	ZINC	4	301.0	347.2
44260	68107	ZINC	4	74.9	114.6
44261	68107	ZINC	4	239.6	340.8
44262	68107	ZINC	5	265.7	444.9
44265	68107	ZINC	4	161.2	243.8
44268	68107	ZINC	4	146.2	179.6
44269	68107	ZINC	4	169.6	208.7
44270	68107	ZINC	4	112.9	128.9
44271	68107	ZINC	5	272.3	412.2
44272	68107	ZINC	4	158.5	185.3
44273	68107	ZINC	4	225.3	273.4
44274	68107	ZINC	4	116.6	124.4
44277	68107	ZINC	4	219.5	280.4
44278	68107	ZINC	4	271.5	378.0
44279	68107	ZINC	4	321.8	520.7
44280	68107	ZINC	3	195.5	245.5
44281	68107	ZINC	4	244.1	320.0
44282	68107	ZINC	4	203.6	227.9
44283	68107	ZINC	4	140.2	166.7
44284	68107	ZINC	4	116.0	149.0
44287	68107	ZINC	4	111.4	167.5
44288	68107	ZINC	4	139.5	163.4
44289	68107	ZINC	5	228.4	282.9
44290	68107	ZINC	3	156.6	163.6
44291	68107	ZINC	5	148.6	231.1
44292	68107	ZINC	4	203.0	256.2
44293	68107	ZINC	2	236.9	253.4
44294	68107	ZINC	4	157.6	202.8
44295	68107	ZINC	4	139.8	151.2
44296	68107	ZINC	3	174.3	212.6
44298	68107	ZINC	4	138.2	191.6
44299	68107	ZINC	5	311.0	426.9
44300	68107	ZINC	4	168.1	230.0
44301	68107	ZINC	4	86.6	116.8
44303	68107	ZINC	4	86.5	117.7
44304	68107	ZINC	4	243.9	312.1
44305	68107	ZINC	5	385.0	715.9
44306	68107	ZINC	5	130.5	152.9
44307	68107	ZINC	5	194.4	347.1
44308	68107	ZINC	4	270.0	429.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44310	68107	ZINC	4	80.4	113.4
44311	68107	ZINC	4	180.3	217.9
44313	68107	ZINC	4	314.7	557.5
44314	68107	ZINC	5	147.0	217.1
44315	68107	ZINC	5	254.8	316.3
44316	68107	ZINC	5	106.1	125.4
44317	68107	ZINC	4	110.2	120.0
44318	68107	ZINC	4	223.2	560.2
44319	68107	ZINC	4	134.9	152.0
44320	68107	ZINC	5	104.5	176.3
44321	68107	ZINC	4	160.5	206.5
44323	68107	ZINC	4	151.6	162.8
44324	68107	ZINC	4	247.4	433.7
44325	68107	ZINC	4	141.9	155.5
44327	68107	ZINC	4	225.7	405.1
44328	68107	ZINC	5	232.4	326.1
44329	68107	ZINC	4	146.2	157.1
44330	68107	ZINC	4	249.0	299.9
44331	68107	ZINC	4	118.0	158.4
44332	68107	ZINC	4	144.4	164.2
44334	68107	ZINC	5	302.1	556.2
44337	68107	ZINC	3	220.4	248.5
44339	68107	ZINC	4	157.5	191.5
44341	68107	ZINC	4	173.6	226.5
44344	68107	ZINC	4	85.5	91.7
44345	68107	ZINC	5	203.0	277.9
44346	68107	ZINC	4	132.3	161.4
44347	68107	ZINC	4	147.2	183.1
44348	68107	ZINC	3	190.4	214.0
44349	68107	ZINC	5	134.2	172.0
44350	68107	ZINC	3	164.2	199.3
44351	68107	ZINC	3	413.3	618.4
44352	68107	ZINC	5	156.6	172.3
44354	68107	ZINC	4	340.2	481.2
44357	68107	ZINC	4	199.2	261.5
44358	68107	ZINC	4	99.4	127.1
44359	68107	ZINC	4	127.4	150.3
44361	68107	ZINC	5	187.1	336.9
44362	68107	ZINC	5	137.9	184.2
44366	68107	ZINC	5	83.2	102.8
44367	68107	ZINC	4	131.4	244.6
44371	68107	ZINC	4	68.8	140.6
44373	68107	ZINC	5	120.7	164.5
44375	68107	ZINC	4	199.3	347.6
44376	68107	ZINC	4	181.4	212.6
44377	68107	ZINC	5	224.4	442.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44379	68107	ZINC	4	179.4	295.4
44380	68107	ZINC	4	360.3	774.4
44381	68107	ZINC	5	108.1	120.3
44382	68107	ZINC	5	157.1	193.8
44383	68107	ZINC	5	78.5	110.7
44384	68107	ZINC	4	338.5	470.4
44385	68107	ZINC	4	87.8	123.1
44386	68107	ZINC	5	117.0	142.7
44387	68107	ZINC	4	157.7	270.8
44389	68107	ZINC	4	88.0	135.7
44390	68107	ZINC	4	116.9	134.3
44391	68107	ZINC	4	240.3	355.5
44392	68107	ZINC	3	159.3	184.0
44393	68107	ZINC	5	115.3	201.4
44394	68107	ZINC	6	291.1	539.9
44395	68107	ZINC	4	141.8	233.9
44396	68107	ZINC	4	220.0	269.9
44397	68107	ZINC	5	133.2	157.8
44398	68107	ZINC	4	129.8	152.9
44400	68107	ZINC	3	176.1	268.9
44401	68107	ZINC	4	113.6	146.3
44403	68107	ZINC	4	283.1	351.4
44404	68107	ZINC	5	157.5	236.6
44405	68107	ZINC	5	136.2	198.6
44406	68107	ZINC	4	122.9	172.5
44407	68107	ZINC	4	164.8	250.4
44409	68107	ZINC	4	216.2	269.1
44410	68107	ZINC	4	105.8	132.1
44411	68107	ZINC	4	235.7	255.5
44413	68107	ZINC	4	154.0	203.7
44414	68107	ZINC	5	112.0	168.3
44415	68107	ZINC	4	386.4	825.6
44416	68107	ZINC	4	217.9	289.8
44417	68107	ZINC	4	188.4	218.1
44418	68107	ZINC	3	180.7	211.5
44419	68107	ZINC	4	151.2	194.8
44420	68107	ZINC	4	111.1	174.0
44421	68107	ZINC	4	72.5	101.1
44422	68107	ZINC	2	113.8	123.6
44423	68107	ZINC	4	330.4	390.0
44424	68107	ZINC	4	150.3	240.7
44426	68107	ZINC	4	136.4	175.9
44427	68107	ZINC	4	129.8	138.7
44428	68107	ZINC	4	64.4	91.2
44429	68107	ZINC	4	210.4	335.6
44431	68107	ZINC	6	145.1	159.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44432	68107	ZINC	4	146.2	196.4
44433	68107	ZINC	4	360.5	460.4
44436	68107	ZINC	4	135.7	195.5
44437	68107	ZINC	4	122.8	162.5
44439	68107	ZINC	5	140.6	154.6
44441	68107	ZINC	4	63.5	83.7
44442	68107	ZINC	4	159.9	201.6
44443	68107	ZINC	4	98.9	129.2
44444	68107	ZINC	5	126.5	154.8
44445	68107	ZINC	4	207.3	326.1
44446	68107	ZINC	4	205.4	271.0
44448	68107	ZINC	4	112.7	139.5
44449	68107	ZINC	4	156.0	234.4
44450	68107	ZINC	4	80.3	121.6
44451	68107	ZINC	4	194.1	206.4
44452	68107	ZINC	6	141.6	232.8
44453	68107	ZINC	4	173.9	218.8
44454	68107	ZINC	4	242.9	287.7
44455	68107	ZINC	6	141.7	161.0
44456	68107	ZINC	5	165.7	191.7
44457	68107	ZINC	5	267.7	411.9
44458	68107	ZINC	5	160.5	186.2
44459	68107	ZINC	5	202.2	280.4
44460	68107	ZINC	4	138.4	154.0
44463	68107	ZINC	4	194.9	221.5
44464	68107	ZINC	4	118.8	174.7
44465	68107	ZINC	5	119.7	137.7
44466	68107	ZINC	4	287.0	467.6
44467	68107	ZINC	5	226.6	388.6
44468	68107	ZINC	5	229.8	563.7
44469	68107	ZINC	5	216.6	231.9
44470	68107	ZINC	4	69.5	139.1
44471	68107	ZINC	4	86.5	104.7
44472	68107	ZINC	3	183.7	213.9
44474	68107	ZINC	4	83.4	115.7
44475	68107	ZINC	5	206.0	297.2
44476	68107	ZINC	5	214.7	254.5
44477	68107	ZINC	4	213.6	275.4
44478	68107	ZINC	4	71.8	101.6
44479	68107	ZINC	5	245.9	337.2
44482	68107	ZINC	5	232.3	385.1
44483	68107	ZINC	4	169.2	206.5
44484	68107	ZINC	4	151.8	198.3
44486	68107	ZINC	4	125.2	151.5
44487	68107	ZINC	4	127.8	143.5
44489	68107	ZINC	4	192.0	205.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44490	68107	ZINC	5	201.6	255.0
44491	68107	ZINC	5	104.7	125.9
44492	68107	ZINC	5	169.7	218.9
44493	68107	ZINC	4	140.8	160.8
44494	68107	ZINC	4	178.2	242.4
44496	68107	ZINC	4	150.6	169.7
44498	68107	ZINC	4	175.8	212.7
44500	68107	ZINC	5	207.2	276.2
44501	68107	ZINC	4	179.9	281.6
44502	68107	ZINC	5	216.4	290.2
44503	68107	ZINC	5	152.3	194.0
44504	68107	ZINC	5	128.0	161.8
44506	68107	ZINC	4	115.8	121.5
44507	68107	ZINC	4	194.2	264.8
44508	68107	ZINC	4	126.8	245.0
44509	68107	ZINC	4	213.5	255.4
44510	68107	ZINC	3	266.7	347.0
44511	68107	ZINC	4	107.7	125.8
44512	68107	ZINC	5	175.4	205.5
44514	68107	ZINC	4	227.4	279.1
44515	68107	ZINC	5	141.8	288.2
44516	68107	ZINC	6	218.5	365.7
44517	68107	ZINC	4	129.3	157.8
44518	68107	ZINC	6	131.1	176.0
44519	68107	ZINC	3	153.8	172.0
44520	68107	ZINC	4	108.5	137.2
44521	68107	ZINC	4	163.8	212.3
44522	68107	ZINC	4	118.1	141.9
44523	68107	ZINC	4	151.0	195.3
44525	68107	ZINC	4	154.0	170.2
44526	68107	ZINC	4	136.6	158.9
44527	68107	ZINC	4	141.8	151.9
44528	68107	ZINC	5	248.4	344.4
44529	68107	ZINC	4	120.0	164.0
44530	68107	ZINC	5	162.7	301.9
44531	68107	ZINC	4	273.7	344.0
44533	68107	ZINC	4	246.2	370.8
44534	68107	ZINC	4	241.1	423.6
44535	68107	ZINC	4	135.9	151.9
44536	68107	ZINC	4	180.2	313.8
44537	68107	ZINC	3	117.6	127.3
44538	68107	ZINC	4	215.1	314.5
44539	68107	ZINC	5	122.3	148.8
44540	68107	ZINC	4	167.9	204.9
44541	68107	ZINC	4	130.1	173.2
44542	68107	ZINC	5	120.4	147.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44543	68107	ZINC	4	171.6	213.4
44545	68107	ZINC	4	143.8	149.4
44546	68107	ZINC	4	248.1	324.7
44548	68107	ZINC	4	134.5	138.3
44549	68107	ZINC	6	152.5	184.0
44550	68107	ZINC	3	243.4	374.6
44552	68107	ZINC	4	176.0	228.3
44553	68107	ZINC	4	171.7	210.0
44554	68107	ZINC	5	137.3	156.5
44555	68107	ZINC	5	156.8	189.6
44556	68107	ZINC	4	132.5	151.2
44557	68107	ZINC	5	233.0	417.3
44558	68107	ZINC	4	139.8	200.1
44559	68107	ZINC	5	232.8	397.2
44560	68107	ZINC	5	106.7	131.7
44562	68107	ZINC	6	110.0	191.5
44564	68107	ZINC	4	144.0	180.5
44565	68107	ZINC	5	134.4	157.8
44566	68107	ZINC	4	209.2	248.0
44567	68107	ZINC	5	130.0	178.5
44568	68107	ZINC	4	208.8	347.0
44570	68107	ZINC	5	85.7	113.9
44571	68107	ZINC	4	244.9	349.2
44573	68107	ZINC	3	156.3	216.1
44574	68107	ZINC	4	147.8	170.2
44575	68107	ZINC	4	212.2	249.8
44576	68107	ZINC	4	169.6	212.6
44577	68107	ZINC	4	191.3	431.3
44578	68107	ZINC	4	177.9	218.1
44579	68107	ZINC	5	205.5	260.6
44580	68107	ZINC	5	253.5	372.3
44581	68107	ZINC	5	181.9	324.8
44582	68107	ZINC	4	131.8	176.1
44584	68107	ZINC	4	121.6	136.9
44585	68107	ZINC	4	236.8	270.2
44588	68107	ZINC	4	220.1	344.3
44589	68107	ZINC	5	188.3	212.0
44590	68107	ZINC	4	214.8	264.3
44591	68107	ZINC	4	236.1	250.9
44592	68107	ZINC	4	265.2	341.4
44595	68107	ZINC	4	208.3	291.4
44597	68107	ZINC	4	183.2	217.9
44600	68107	ZINC	4	204.7	261.5
44604	68107	ZINC	4	183.2	314.7
44605	68107	ZINC	5	203.3	253.6
44606	68107	ZINC	5	98.9	117.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44607	68107	ZINC	5	293.3	541.9
44608	68107	ZINC	4	213.2	258.8
44609	68107	ZINC	5	111.6	128.2
44610	68107	ZINC	4	490.9	683.7
44611	68107	ZINC	4	175.1	255.5
44612	68107	ZINC	4	246.9	317.0
44613	68107	ZINC	4	272.4	337.0
44614	68107	ZINC	6	243.6	379.8
44615	68107	ZINC	5	234.7	301.2
44616	68107	ZINC	4	171.3	262.0
44617	68107	ZINC	4	371.6	688.0
44618	68107	ZINC	4	191.5	249.3
44619	68107	ZINC	5	214.7	249.3
44620	68107	ZINC	4	137.6	165.0
44621	68107	ZINC	4	249.2	456.7
44623	68107	ZINC	4	153.6	171.6
44624	68107	ZINC	4	131.9	183.5
44625	68107	ZINC	3	193.9	225.0
44626	68107	ZINC	4	343.7	503.5
44627	68107	ZINC	4	233.2	286.9
44630	68107	ZINC	4	288.7	528.5
44631	68107	ZINC	5	215.6	253.8
44632	68107	ZINC	4	130.6	187.7
44633	68107	ZINC	5	172.3	244.9
44635	68107	ZINC	4	166.5	227.7
44636	68107	ZINC	5	153.6	212.6
44640	68107	ZINC	5	204.0	430.6
44641	68107	ZINC	4	115.8	129.3
44642	68107	ZINC	4	130.1	147.8
44644	68107	ZINC	4	134.7	170.5
44645	68107	ZINC	4	151.8	253.0
44646	68107	ZINC	4	119.5	138.5
44648	68107	ZINC	4	157.2	206.2
44649	68107	ZINC	4	94.3	124.5
44650	68107	ZINC	5	240.7	422.6
44654	68107	ZINC	4	110.0	123.9
44655	68107	ZINC	5	217.7	269.6
44656	68107	ZINC	5	206.4	270.5
44658	68107	ZINC	4	138.9	173.2
44659	68107	ZINC	4	168.0	187.3
44660	68107	ZINC	5	159.5	202.8
44662	68107	ZINC	4	179.5	225.7
44664	68107	ZINC	5	116.5	139.2
44666	68107	ZINC	5	127.1	150.1
44667	68107	ZINC	4	252.1	371.5
44668	68107	ZINC	4	198.5	259.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44669	68107	ZINC	4	236.6	315.2
44671	68107	ZINC	4	221.6	382.0
44672	68107	ZINC	5	207.0	268.4
44673	68107	ZINC	5	205.2	319.6
44674	68107	ZINC	5	171.1	439.3
44675	68107	ZINC	4	227.7	437.8
44677	68107	ZINC	5	64.7	94.1
44678	68107	ZINC	5	148.2	177.8
44680	68107	ZINC	2	804.9	1431.7
44681	68107	ZINC	4	184.2	240.6
44682	68107	ZINC	4	164.5	235.2
44683	68107	ZINC	2	620.8	1002.4
44684	68107	ZINC	4	74.8	110.8
44686	68107	ZINC	4	249.9	426.0
44687	68107	ZINC	5	134.7	253.7
44688	68107	ZINC	4	150.5	218.3
44689	68107	ZINC	4	176.3	203.0
44691	68107	ZINC	4	156.6	266.2
44693	68107	ZINC	4	301.1	378.4
44694	68107	ZINC	4	293.2	492.1
44695	68107	ZINC	3	254.4	413.7
44696	68107	ZINC	5	165.9	221.1
44697	68107	ZINC	4	114.0	119.3
44698	68107	ZINC	5	216.5	282.3
44700	68107	ZINC	4	157.7	239.4
44701	68107	ZINC	4	156.4	173.2
44702	68107	ZINC	3	152.4	168.2
44704	68107	ZINC	2	274.8	343.3
44705	68107	ZINC	4	247.7	299.2
44706	68107	ZINC	4	129.4	163.7
44709	68107	ZINC	4	178.1	225.9
44710	68107	ZINC	4	151.4	167.3
44711	68107	ZINC	4	232.4	438.0
44712	68107	ZINC	4	263.5	401.1
44713	68107	ZINC	4	154.4	207.6
44714	68107	ZINC	4	265.5	314.9
44715	68107	ZINC	5	316.3	572.5
44716	68107	ZINC	3	144.6	178.8
44719	68107	ZINC	5	190.3	269.5
44721	68107	ZINC	4	224.9	412.1
44722	68107	ZINC	5	108.0	161.6
44723	68107	ZINC	4	129.3	185.4
44724	68107	ZINC	4	241.2	521.3
44725	68107	ZINC	4	148.1	251.0
44726	68107	ZINC	4	182.5	234.0
44727	68107	ZINC	5	113.2	133.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44728	68107	ZINC	4	136.0	208.6
44729	68107	ZINC	5	201.9	340.1
44730	68107	ZINC	4	227.5	489.5
44731	68107	ZINC	4	290.8	561.7
44733	68107	ZINC	5	145.2	155.9
44734	68107	ZINC	4	73.9	110.5
44736	68107	ZINC	4	222.4	380.1
44737	68107	ZINC	4	147.2	178.7
44738	68107	ZINC	5	115.9	182.0
44740	68107	ZINC	5	195.3	249.7
44741	68107	ZINC	4	212.1	394.0
44742	68107	ZINC	5	118.8	136.4
44743	68107	ZINC	5	196.8	299.3
44744	68107	ZINC	6	273.8	498.9
44745	68107	ZINC	5	118.4	132.0
44747	68107	ZINC	4	170.2	325.5
44748	68107	ZINC	4	149.6	177.3
44749	68107	ZINC	4	232.7	389.9
44751	68107	ZINC	4	217.0	264.2
44752	68107	ZINC	2	167.9	191.2
44753	68107	ZINC	6	148.6	185.1
44755	68107	ZINC	4	180.7	259.5
44756	68107	ZINC	3	126.0	167.0
44757	68107	ZINC	4	670.2	2149.0
44759	68107	ZINC	4	181.4	251.7
44760	68107	ZINC	5	396.5	1225.2
44761	68107	ZINC	4	125.8	206.6
44762	68107	ZINC	4	139.1	153.8
44763	68107	ZINC	4	185.1	239.9
44765	68107	ZINC	4	161.4	188.3
44767	68107	ZINC	4	204.5	250.3
44768	68107	ZINC	4	240.6	268.5
44769	68107	ZINC	4	290.9	433.0
44771	68107	ZINC	4	150.5	218.1
44772	68107	ZINC	4	197.9	439.0
44773	68107	ZINC	4	231.6	320.6
44774	68107	ZINC	4	222.1	484.9
44776	68107	ZINC	4	254.2	326.6
44777	68107	ZINC	5	184.2	236.8
44778	68107	ZINC	4	177.7	199.8
44779	68107	ZINC	3	235.9	282.9
44780	68107	ZINC	4	66.8	112.8
44781	68107	ZINC	6	341.5	1185.3
44783	68107	ZINC	4	294.1	408.5
44784	68107	ZINC	4	213.7	273.7
44785	68107	ZINC	4	156.4	188.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44786	68107	ZINC	3	160.9	186.6
44788	68107	ZINC	4	288.7	399.4
44789	68107	ZINC	4	174.7	223.1
44790	68107	ZINC	4	173.1	198.7
44793	68107	ZINC	4	122.6	173.8
44794	68107	ZINC	4	238.4	317.8
44795	68107	ZINC	4	137.6	174.9
44796	68107	ZINC	4	169.2	201.2
44797	68107	ZINC	4	270.1	510.7
44798	68107	ZINC	5	560.1	2035.3
44799	68107	ZINC	4	311.4	734.8
44800	68107	ZINC	4	185.7	225.5
44801	68107	ZINC	4	130.1	141.3
44802	68107	ZINC	5	318.6	585.8
44803	68107	ZINC	4	146.8	196.6
44804	68107	ZINC	4	187.3	201.6
44805	68107	ZINC	3	188.6	278.8
44806	68107	ZINC	2	176.7	195.5
44807	68107	ZINC	3	241.5	337.0
44808	68107	ZINC	4	203.0	271.2
44809	68107	ZINC	4	831.6	1864.1
44810	68107	ZINC	4	181.9	241.1
44811	68107	ZINC	6	115.7	166.6
44812	68107	ZINC	6	234.5	312.3
44814	68107	ZINC	5	207.0	413.0
44816	68107	ZINC	2	332.3	364.8
44817	68107	ZINC	6	528.9	1695.4
44820	68107	ZINC	5	137.5	159.7
44821	68107	ZINC	4	158.4	182.6
44822	68107	ZINC	4	221.9	300.4
44823	68107	ZINC	3	170.2	233.3
44824	68107	ZINC	4	246.6	381.0
44825	68107	ZINC	4	295.3	486.5
44826	68107	ZINC	4	120.9	144.0
44827	68107	ZINC	4	202.2	265.0
44828	68107	ZINC	5	110.9	157.8
44829	68107	ZINC	5	269.9	338.5
44831	68107	ZINC	4	199.4	259.5
44832	68107	ZINC	3	270.9	434.0
44833	68107	ZINC	4	258.4	296.9
44834	68107	ZINC	4	155.3	192.3
44835	68107	ZINC	5	187.3	259.6
44836	68107	ZINC	4	157.1	168.7
44837	68107	ZINC	4	548.6	781.9
44838	68107	ZINC	3	442.2	546.9
44839	68107	ZINC	4	280.9	379.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44840	68107	ZINC	4	206.3	364.8
44841	68107	ZINC	4	189.7	250.1
44844	68107	ZINC	5	129.5	145.0
44845	68107	ZINC	4	146.6	228.5
44846	68107	ZINC	5	286.2	389.2
44848	68107	ZINC	4	141.8	244.7
44849	68107	ZINC	3	177.5	250.4
44851	68107	ZINC	4	154.9	184.5
44852	68107	ZINC	4	215.0	325.8
44853	68107	ZINC	4	175.1	193.4
44854	68107	ZINC	5	139.6	156.0
44855	68107	ZINC	4	267.2	328.5
44856	68107	ZINC	5	217.1	273.6
44857	68107	ZINC	4	259.6	290.9
44858	68107	ZINC	5	300.6	483.1
44859	68107	ZINC	5	99.9	138.7
44860	68107	ZINC	4	199.4	282.2
44861	68107	ZINC	2	165.2	173.5
44863	68107	ZINC	4	309.4	373.2
44864	68107	ZINC	4	111.2	138.9
44865	68107	ZINC	3	246.2	331.2
44866	68107	ZINC	4	192.4	307.2
44867	68107	ZINC	4	56.2	93.2
44869	68107	ZINC	5	215.2	243.3
44870	68107	ZINC	6	209.4	302.0
44872	68107	ZINC	5	101.9	124.7
44873	68107	ZINC	4	189.0	221.5
44874	68107	ZINC	5	254.6	400.2
44875	68107	ZINC	4	203.4	274.7
44876	68107	ZINC	4	146.7	173.0
44877	68107	ZINC	4	426.4	575.3
44879	68107	ZINC	6	110.2	119.2
44880	68107	ZINC	4	172.6	220.7
44881	68107	ZINC	4	136.0	172.5
44882	68107	ZINC	3	419.8	676.0
44883	68107	ZINC	4	182.0	233.0
44884	68107	ZINC	3	153.1	158.7
44885	68107	ZINC	4	169.4	213.9
44886	68107	ZINC	4	136.5	159.4
44887	68107	ZINC	4	173.1	231.9
44890	68107	ZINC	2	345.0	390.2
44891	68107	ZINC	3	201.6	258.7
44892	68107	ZINC	4	275.2	369.7
44893	68107	ZINC	4	174.9	203.5
44894	68107	ZINC	4	150.4	168.4
44895	68107	ZINC	3	330.1	524.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44896	68107	ZINC	4	229.9	271.8
44897	68107	ZINC	4	168.8	236.8
44898	68107	ZINC	4	87.7	124.1
44899	68107	ZINC	3	205.1	226.1
44900	68107	ZINC	4	109.5	206.9
44901	68107	ZINC	4	179.8	218.2
44902	68107	ZINC	4	142.7	253.1
44903	68107	ZINC	3	130.5	167.6
44904	68107	ZINC	4	200.9	268.5
44906	68107	ZINC	5	194.4	237.8
44907	68107	ZINC	3	150.7	187.9
44908	68107	ZINC	4	140.4	166.5
44910	68107	ZINC	2	174.7	210.4
44911	68107	ZINC	4	105.1	141.9
44912	68107	ZINC	5	124.6	133.2
44915	68107	ZINC	2	173.9	193.9
44916	68107	ZINC	4	143.4	153.2
44917	68107	ZINC	4	167.6	357.8
44918	68107	ZINC	4	178.3	250.8
44919	68107	ZINC	5	183.6	247.3
44921	68107	ZINC	2	126.5	142.9
44923	68107	ZINC	5	139.7	158.3
44924	68107	ZINC	3	338.7	496.9
44925	68107	ZINC	4	275.8	422.6
44926	68107	ZINC	3	178.9	206.7
44927	68107	ZINC	5	289.8	784.4
44928	68107	ZINC	6	201.9	248.3
44929	68107	ZINC	5	142.7	272.0
44930	68107	ZINC	4	153.6	181.9
44931	68107	ZINC	4	194.1	283.1
44932	68107	ZINC	2	165.0	210.8
44934	68107	ZINC	4	160.2	246.2
44935	68107	ZINC	5	170.9	222.0
44936	68107	ZINC	2	120.7	150.4
44937	68107	ZINC	4	129.4	316.9
44938	68107	ZINC	4	177.5	224.4
44939	68107	ZINC	4	186.1	213.9
44942	68107	ZINC	4	149.2	170.8
44943	68107	ZINC	4	182.0	220.2
44944	68107	ZINC	3	128.8	138.5
44945	68107	ZINC	5	183.4	231.6
44946	68107	ZINC	5	97.2	171.9
44947	68107	ZINC	5	422.9	646.6
44948	68107	ZINC	3	354.7	672.4
44949	68107	ZINC	4	171.8	216.9
44950	68107	ZINC	4	230.1	321.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
44952	68107	ZINC	4	143.8	169.0
44953	68107	ZINC	5	308.7	630.6
44954	68107	ZINC	4	144.5	157.4
44955	68107	ZINC	3	110.3	143.6
44957	68107	ZINC	3	174.6	236.0
44958	68107	ZINC	3	162.9	193.8
44959	68107	ZINC	4	124.6	140.4
44961	68107	ZINC	4	126.9	153.4
44962	68107	ZINC	4	63.6	116.1
44963	68107	ZINC	3	136.2	170.3
44965	68107	ZINC	4	92.8	108.6
44966	68107	ZINC	4	204.6	263.8
44967	68107	ZINC	4	256.3	586.3
44968	68107	ZINC	4	170.3	189.4
44969	68107	ZINC	5	140.1	184.6
44970	68107	ZINC	4	156.0	188.4
44971	68107	ZINC	4	182.6	264.7
44972	68107	ZINC	4	270.2	330.1
44974	68107	ZINC	5	167.4	192.3
44975	68107	ZINC	4	274.4	426.4
44976	68107	ZINC	4	260.6	298.0
44977	68107	ZINC	2	262.8	282.7
44978	68107	ZINC	4	189.1	287.5
44979	68107	ZINC	4	130.0	142.0
44980	68107	ZINC	4	313.3	448.2
44981	68107	ZINC	5	142.6	213.8
44983	68107	ZINC	5	213.0	297.5
44984	68107	ZINC	4	177.2	308.0
44985	68107	ZINC	6	327.4	475.8
44986	68107	ZINC	5	100.3	146.4
44987	68107	ZINC	4	151.8	233.0
44988	68107	ZINC	4	210.6	338.3
44989	68107	ZINC	5	118.4	227.9
44990	68107	ZINC	3	207.9	266.6
44991	68107	ZINC	5	167.4	370.1
44992	68107	ZINC	4	263.3	301.7
44993	68107	ZINC	5	242.7	323.4
44994	68107	ZINC	5	156.0	188.4
44996	68107	ZINC	3	195.4	230.9
44997	68107	ZINC	2	192.7	216.2
44999	68107	ZINC	5	186.0	257.5
45000	68107	ZINC	5	169.9	240.9
45001	68107	ZINC	5	262.9	537.6
45002	68107	ZINC	4	143.4	195.2
45004	68107	ZINC	4	144.2	151.7
45005	68107	ZINC	5	289.7	551.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45006	68107	ZINC	4	241.4	359.7
45007	68107	ZINC	4	354.7	525.7
45008	68107	ZINC	4	252.2	316.4
45009	68107	ZINC	2	236.0	295.4
45011	68107	ZINC	4	265.1	473.1
45012	68107	ZINC	4	263.8	328.6
45013	68107	ZINC	4	539.8	710.1
45014	68107	ZINC	4	139.6	173.4
45015	68107	ZINC	4	233.8	314.8
45017	68107	ZINC	4	311.3	427.9
45018	68107	ZINC	4	165.1	201.9
45020	68107	ZINC	2	297.6	348.0
45021	68107	ZINC	3	178.4	251.7
45022	68107	ZINC	4	198.3	244.8
45023	68107	ZINC	4	145.2	189.0
45024	68107	ZINC	4	142.0	199.8
45025	68107	ZINC	3	280.2	311.4
45026	68107	ZINC	5	234.3	601.1
45027	68107	ZINC	4	145.8	147.6
45028	68107	ZINC	4	346.4	566.1
45029	68107	ZINC	1	59.8	59.8
45030	68107	ZINC	4	188.7	284.7
45031	68107	ZINC	3	148.1	163.6
45032	68107	ZINC	5	132.1	158.3
45033	68107	ZINC	3	103.9	118.3
45034	68107	ZINC	4	148.1	268.1
45036	68107	ZINC	4	173.9	318.4
45038	68107	ZINC	6	134.5	158.7
45040	68107	ZINC	4	139.0	199.9
45041	68107	ZINC	4	326.2	514.6
45042	68107	ZINC	4	147.2	169.9
45043	68107	ZINC	3	195.7	247.4
45044	68107	ZINC	3	118.4	131.1
45046	68107	ZINC	6	117.8	142.8
45047	68107	ZINC	4	171.6	233.0
45048	68107	ZINC	5	744.9	2658.3
45050	68107	ZINC	3	180.3	238.8
45051	68107	ZINC	4	277.0	356.9
45052	68107	ZINC	4	235.2	340.2
45053	68107	ZINC	4	304.4	378.8
45054	68107	ZINC	4	276.7	450.3
45056	68107	ZINC	4	192.1	279.0
45057	68107	ZINC	5	112.9	149.9
45059	68107	ZINC	4	400.4	472.9
45060	68107	ZINC	5	182.2	234.9
45061	68107	ZINC	2	199.8	248.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45062	68107	ZINC	4	166.1	222.2
45063	68107	ZINC	2	183.9	223.4
45064	68107	ZINC	5	425.7	531.7
45065	68107	ZINC	4	307.5	411.2
45066	68107	ZINC	5	155.7	309.0
45067	68107	ZINC	4	123.0	161.7
45068	68107	ZINC	5	211.7	278.1
45069	68107	ZINC	4	271.8	379.3
45071	68107	ZINC	5	139.0	337.0
45072	68107	ZINC	5	204.3	265.9
45073	68107	ZINC	4	206.1	318.0
45074	68107	ZINC	4	152.9	175.2
45075	68107	ZINC	4	107.7	150.8
45076	68107	ZINC	4	146.5	151.8
45077	68107	ZINC	5	114.6	121.4
45078	68107	ZINC	4	124.0	146.8
45081	68107	ZINC	4	215.7	288.9
45082	68107	ZINC	4	176.1	224.8
45084	68107	ZINC	5	212.9	349.4
45085	68107	ZINC	4	87.1	145.6
45086	68107	ZINC	4	127.1	151.2
45087	68107	ZINC	4	176.5	295.3
45091	68107	ZINC	3	145.8	171.6
45092	68107	ZINC	4	197.6	320.8
45093	68107	ZINC	5	124.2	138.1
45094	68107	ZINC	2	175.4	207.5
45095	68107	ZINC	4	173.0	215.9
45097	68107	ZINC	4	191.4	251.1
45098	68107	ZINC	4	216.5	341.4
45099	68107	ZINC	5	113.9	151.2
45100	68107	ZINC	5	277.5	415.0
45101	68107	ZINC	3	199.0	257.0
45102	68107	ZINC	4	79.2	111.7
45103	68107	ZINC	4	151.9	210.5
45104	68107	ZINC	4	140.9	171.6
45105	68107	ZINC	4	132.6	156.6
45106	68107	ZINC	4	244.9	405.6
45108	68107	ZINC	5	192.3	296.2
45109	68107	ZINC	4	124.1	141.5
45110	68107	ZINC	5	149.9	182.1
45111	68107	ZINC	5	188.3	266.3
45113	68107	ZINC	5	251.4	312.7
45115	68107	ZINC	3	144.0	182.7
45116	68107	ZINC	4	205.8	224.4
45117	68107	ZINC	4	161.3	294.5
45118	68107	ZINC	4	115.7	136.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45120	68107	ZINC	3	133.0	168.1
45122	68107	ZINC	5	198.8	304.2
45123	68107	ZINC	4	183.9	268.1
45124	68107	ZINC	4	238.0	255.0
45125	68107	ZINC	4	148.9	169.9
45126	68107	ZINC	5	212.4	314.0
45127	68107	ZINC	4	176.2	189.5
45128	68107	ZINC	4	200.6	245.1
45129	68107	ZINC	4	106.1	116.6
45131	68107	ZINC	4	215.3	326.7
45132	68107	ZINC	4	145.3	216.6
45133	68107	ZINC	4	278.7	310.3
45134	68107	ZINC	4	141.2	163.1
45135	68107	ZINC	4	211.9	250.8
45136	68107	ZINC	3	212.5	238.6
45138	68107	ZINC	4	261.3	376.7
45139	68107	ZINC	4	139.0	177.1
45140	68107	ZINC	5	191.4	355.1
45141	68107	ZINC	4	206.4	277.0
45142	68107	ZINC	4	140.0	175.3
45143	68107	ZINC	5	120.0	182.9
45144	68107	ZINC	4	253.9	345.3
45145	68107	ZINC	4	155.8	183.5
45146	68107	ZINC	4	294.8	383.9
45147	68107	ZINC	5	392.9	646.0
45148	68107	ZINC	4	175.3	263.5
45149	68107	ZINC	4	158.5	197.5
45150	68107	ZINC	5	216.7	415.0
45151	68107	ZINC	4	215.0	263.4
45152	68107	ZINC	4	137.7	187.9
45153	68107	ZINC	5	398.9	701.0
45154	68107	ZINC	4	184.2	215.1
45155	68107	ZINC	4	170.9	192.4
45156	68107	ZINC	4	185.9	229.9
45157	68107	ZINC	5	193.8	337.9
45158	68107	ZINC	4	214.3	263.3
45159	68107	ZINC	5	122.3	163.8
45160	68107	ZINC	4	247.5	383.8
45161	68107	ZINC	5	163.2	222.5
45162	68107	ZINC	4	127.7	145.5
45163	68107	ZINC	5	136.7	202.6
45164	68107	ZINC	4	255.8	319.3
45165	68107	ZINC	4	140.6	209.9
45166	68107	ZINC	4	149.0	222.0
45167	68107	ZINC	4	273.1	358.1
45168	68107	ZINC	5	224.6	290.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45169	68107	ZINC	4	151.3	192.1
45171	68107	ZINC	4	105.5	149.6
45172	68107	ZINC	5	92.2	99.7
45173	68107	ZINC	5	99.5	120.7
45175	68107	ZINC	4	193.3	278.2
45176	68107	ZINC	4	112.2	189.3
45177	68107	ZINC	5	203.5	256.2
45178	68107	ZINC	5	110.0	126.0
45179	68107	ZINC	4	135.2	159.0
45180	68107	ZINC	5	156.3	231.8
45181	68107	ZINC	4	240.2	440.6
45182	68107	ZINC	4	225.2	283.9
45183	68107	ZINC	5	183.4	257.1
45184	68107	ZINC	4	123.6	170.3
45185	68107	ZINC	4	260.1	370.2
45186	68107	ZINC	5	627.3	1046.1
45187	68107	ZINC	5	342.4	555.7
45188	68107	ZINC	4	134.6	163.8
45189	68107	ZINC	5	133.2	162.4
45190	68107	ZINC	4	100.0	132.1
45191	68107	ZINC	4	203.5	318.3
45192	68107	ZINC	4	170.5	285.7
45193	68107	ZINC	5	127.1	138.5
45194	68107	ZINC	2	132.3	164.7
45195	68107	ZINC	5	247.6	312.0
45196	68107	ZINC	4	157.5	195.9
45197	68107	ZINC	4	235.9	381.6
45198	68107	ZINC	4	218.0	319.5
45199	68107	ZINC	4	185.7	252.9
45201	68107	ZINC	5	117.3	140.5
45202	68107	ZINC	3	108.7	118.2
45203	68107	ZINC	2	211.0	287.1
45204	68107	ZINC	4	136.5	174.9
45205	68107	ZINC	4	339.0	393.1
45206	68107	ZINC	5	160.7	206.2
45207	68107	ZINC	5	110.0	189.4
45209	68107	ZINC	3	212.1	319.2
45210	68107	ZINC	4	148.2	152.3
45211	68107	ZINC	4	153.7	228.0
45213	68107	ZINC	5	316.2	377.0
45214	68107	ZINC	4	304.0	361.9
45217	68107	ZINC	5	235.3	471.3
45218	68107	ZINC	4	264.1	362.2
45219	68107	ZINC	3	211.2	252.2
45220	68107	ZINC	4	138.7	146.4
45221	68107	ZINC	4	130.3	221.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45222	68107	ZINC	5	198.4	237.7
45223	68107	ZINC	4	126.4	140.7
45224	68107	ZINC	4	373.0	605.9
45225	68107	ZINC	5	104.7	166.3
45226	68107	ZINC	4	120.2	157.1
45227	68107	ZINC	3	127.9	156.7
45228	68107	ZINC	4	180.9	227.4
45229	68107	ZINC	4	235.1	288.7
45231	68107	ZINC	4	162.1	221.0
45232	68107	ZINC	4	433.3	660.4
45233	68107	ZINC	4	68.8	123.6
45234	68107	ZINC	4	183.8	242.0
45235	68107	ZINC	4	101.0	107.8
45236	68107	ZINC	4	199.6	231.3
45237	68107	ZINC	4	141.8	155.8
45238	68107	ZINC	4	174.8	243.8
45239	68107	ZINC	3	155.4	182.5
45241	68107	ZINC	2	191.2	216.8
45242	68107	ZINC	4	534.6	1233.7
45243	68107	ZINC	4	231.1	321.3
45244	68107	ZINC	3	234.9	371.0
45245	68107	ZINC	4	230.6	335.5
45246	68107	ZINC	5	184.3	204.6
45247	68107	ZINC	4	128.0	178.4
45248	68107	ZINC	4	250.0	443.3
45249	68107	ZINC	3	160.9	199.3
45250	68107	ZINC	4	171.9	196.0
45251	68107	ZINC	4	287.2	450.1
45252	68107	ZINC	4	155.5	175.0
45255	68107	ZINC	4	146.9	167.4
45256	68107	ZINC	4	153.8	172.9
45257	68107	ZINC	4	140.0	154.7
45259	68107	ZINC	4	122.6	140.5
45260	68107	ZINC	4	160.2	184.9
45262	68107	ZINC	4	195.7	250.8
45264	68107	ZINC	4	117.9	149.1
45265	68107	ZINC	4	104.5	145.2
45267	68107	ZINC	4	191.7	307.6
45268	68107	ZINC	5	192.7	304.0
45269	68107	ZINC	5	201.5	312.0
45270	68107	ZINC	4	216.7	248.8
45271	68107	ZINC	4	170.8	212.1
45272	68107	ZINC	5	277.3	481.9
45273	68107	ZINC	4	164.5	185.9
45274	68107	ZINC	5	84.8	115.9
45275	68107	ZINC	3	153.6	209.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45276	68107	ZINC	5	171.8	295.7
45277	68107	ZINC	4	230.8	299.8
45278	68107	ZINC	5	229.2	373.6
45281	68107	ZINC	4	212.1	299.6
45282	68107	ZINC	4	240.6	371.1
45283	68107	ZINC	4	141.5	168.8
45285	68107	ZINC	4	301.7	441.6
45286	68107	ZINC	4	123.2	231.6
45287	68107	ZINC	5	127.8	157.5
45289	68107	ZINC	4	373.9	751.0
45291	68107	ZINC	5	116.0	149.7
45292	68107	ZINC	4	262.3	775.8
45293	68107	ZINC	4	311.3	600.8
45294	68107	ZINC	4	132.0	223.9
45295	68107	ZINC	4	212.8	355.6
45296	68107	ZINC	4	110.6	146.7
45297	68107	ZINC	4	248.3	350.7
45298	68107	ZINC	4	114.7	179.6
45299	68107	ZINC	3	255.3	290.9
45300	68107	ZINC	4	369.7	476.0
45301	68107	ZINC	5	123.7	155.6
45303	68107	ZINC	4	190.9	386.9
45304	68107	ZINC	4	168.3	180.5
45305	68107	ZINC	5	118.9	162.4
45306	68107	ZINC	4	220.2	299.2
45307	68107	ZINC	3	685.8	1787.9
45308	68107	ZINC	4	131.5	140.7
45310	68107	ZINC	4	291.3	585.9
45311	68107	ZINC	5	173.6	192.8
45312	68107	ZINC	4	154.1	191.2
45313	68107	ZINC	4	170.1	291.7
45314	68107	ZINC	3	129.6	141.3
45315	68107	ZINC	4	133.0	189.8
45316	68107	ZINC	5	319.7	578.3
45317	68107	ZINC	4	137.5	149.2
45318	68107	ZINC	4	222.0	391.7
45320	68107	ZINC	4	159.2	177.0
45321	68107	ZINC	4	198.2	248.3
45322	68107	ZINC	4	191.5	238.3
45323	68107	ZINC	3	150.5	161.3
45324	68107	ZINC	5	175.6	201.7
45325	68107	ZINC	4	285.6	356.4
45326	68107	ZINC	4	143.4	225.6
45327	68107	ZINC	4	180.7	192.3
45328	68107	ZINC	4	256.4	358.5
45329	68107	ZINC	4	121.1	155.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45330	68107	ZINC	4	975.6	2171.9
45333	68107	ZINC	5	194.3	406.8
45334	68107	ZINC	4	142.2	200.4
45335	68107	ZINC	4	107.7	126.4
45338	68107	ZINC	4	153.7	190.1
45339	68107	ZINC	4	95.3	98.8
45340	68107	ZINC	4	88.4	121.5
45341	68107	ZINC	4	173.5	247.9
45342	68107	ZINC	5	146.9	212.6
45343	68107	ZINC	4	221.4	236.0
45345	68107	ZINC	4	256.6	472.5
45346	68107	ZINC	5	198.6	383.7
45348	68107	ZINC	5	324.4	394.2
45349	68107	ZINC	5	144.0	167.9
45350	68107	ZINC	4	181.9	340.5
45351	68107	ZINC	4	261.1	329.2
45353	68107	ZINC	4	173.3	182.6
45354	68107	ZINC	4	329.9	588.4
45355	68107	ZINC	5	207.2	281.0
45356	68107	ZINC	4	246.9	418.5
45358	68107	ZINC	4	133.9	153.6
45360	68107	ZINC	4	182.8	281.3
45361	68107	ZINC	4	153.1	212.5
45362	68107	ZINC	2	136.8	154.1
45364	68107	ZINC	4	133.5	148.5
45365	68107	ZINC	4	137.8	172.2
45366	68107	ZINC	4	133.0	142.8
45367	68107	ZINC	4	176.5	253.2
45368	68107	ZINC	5	193.2	284.5
45369	68107	ZINC	4	195.5	316.9
45370	68107	ZINC	4	116.9	137.4
45371	68107	ZINC	4	73.8	105.5
45372	68107	ZINC	4	208.8	353.9
45373	68107	ZINC	4	147.8	157.9
45374	68107	ZINC	6	280.6	381.1
45375	68107	ZINC	4	197.0	361.9
45376	68107	ZINC	4	187.9	219.9
45377	68107	ZINC	5	278.6	694.2
45378	68107	ZINC	4	135.8	162.2
45379	68107	ZINC	4	145.8	194.2
45380	68107	ZINC	5	244.3	311.9
45381	68107	ZINC	4	94.8	139.5
45382	68107	ZINC	5	268.4	459.4
45383	68107	ZINC	5	115.4	167.3
45384	68107	ZINC	6	120.5	136.0
45385	68107	ZINC	4	134.6	172.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45386	68107	ZINC	4	164.5	256.8
45387	68107	ZINC	4	129.5	158.5
45389	68107	ZINC	3	200.8	224.2
45390	68107	ZINC	4	213.0	273.6
45391	68107	ZINC	4	165.1	220.1
45392	68107	ZINC	4	94.0	128.5
45393	68107	ZINC	4	218.8	276.7
45394	68107	ZINC	6	131.5	166.6
45395	68107	ZINC	4	138.3	173.5
45397	68107	ZINC	4	99.3	134.5
45398	68107	ZINC	3	170.3	177.5
45399	68107	ZINC	4	365.4	900.2
45400	68107	ZINC	4	133.1	197.2
45401	68107	ZINC	5	201.0	250.1
45404	68107	ZINC	4	185.4	235.7
45405	68107	ZINC	4	183.7	283.5
45406	68107	ZINC	5	89.8	202.0
45407	68107	ZINC	4	101.6	108.4
45408	68107	ZINC	4	143.2	158.5
45409	68107	ZINC	4	108.1	177.3
45410	68107	ZINC	4	250.8	288.9
45411	68107	ZINC	4	198.5	273.7
45412	68107	ZINC	4	146.6	188.8
45413	68107	ZINC	5	133.9	147.7
45414	68107	ZINC	4	106.9	145.2
45415	68107	ZINC	5	197.8	272.7
45416	68107	ZINC	4	115.6	160.4
45417	68107	ZINC	6	236.3	270.8
45418	68107	ZINC	4	145.5	203.9
45419	68107	ZINC	4	84.1	173.0
45420	68107	ZINC	5	186.3	289.2
45421	68107	ZINC	5	130.2	205.5
45422	68107	ZINC	5	211.6	270.8
45423	68107	ZINC	5	122.1	241.4
45424	68107	ZINC	4	192.4	199.9
45425	68107	ZINC	3	148.8	205.3
45426	68107	ZINC	4	154.6	255.7
45427	68107	ZINC	4	130.2	185.5
45428	68107	ZINC	3	212.8	302.4
45429	68107	ZINC	4	124.5	137.7
45430	68107	ZINC	4	188.4	238.0
45431	68107	ZINC	4	171.8	209.1
45432	68107	ZINC	4	133.8	152.9
45433	68107	ZINC	4	149.4	264.8
45434	68107	ZINC	4	236.4	384.7
45435	68107	ZINC	5	212.2	421.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45437	68107	ZINC	4	140.6	158.2
45438	68107	ZINC	5	141.0	176.7
45439	68107	ZINC	4	135.2	157.6
45440	68107	ZINC	5	89.9	146.2
45442	68107	ZINC	5	133.1	343.4
45443	68107	ZINC	5	160.7	223.4
45444	68107	ZINC	4	130.1	134.2
45445	68107	ZINC	4	119.2	148.7
45446	68107	ZINC	4	150.1	203.9
45447	68107	ZINC	4	108.1	124.1
45448	68107	ZINC	4	158.2	247.2
45450	68107	ZINC	4	176.1	295.4
45451	68107	ZINC	4	112.8	161.2
45452	68107	ZINC	4	145.8	173.2
45453	68107	ZINC	4	258.9	534.2
45454	68107	ZINC	4	126.1	142.7
45455	68107	ZINC	5	176.2	222.2
45456	68107	ZINC	4	104.7	115.3
45457	68107	ZINC	5	200.6	365.1
45458	68107	ZINC	4	128.8	156.9
45459	68107	ZINC	4	292.3	338.8
45460	68107	ZINC	4	146.8	170.5
45461	68107	ZINC	4	223.7	362.7
45462	68107	ZINC	3	139.9	157.0
45463	68107	ZINC	5	113.7	172.6
45465	68107	ZINC	4	197.2	251.3
45466	68107	ZINC	4	137.0	168.2
45467	68107	ZINC	3	143.3	145.8
45469	68107	ZINC	4	154.9	192.6
45470	68107	ZINC	4	165.2	217.9
45471	68107	ZINC	4	216.2	300.3
45472	68107	ZINC	4	141.2	174.0
45473	68107	ZINC	4	295.8	549.2
45474	68107	ZINC	4	129.0	151.4
45475	68107	ZINC	4	185.4	266.0
45477	68107	ZINC	4	179.5	313.9
45478	68107	ZINC	4	91.2	93.8
45479	68107	ZINC	4	155.7	275.1
45480	68107	ZINC	5	223.9	462.9
45481	68107	ZINC	4	124.8	134.4
45484	68107	ZINC	3	300.3	406.3
45486	68107	ZINC	4	184.5	243.7
45487	68107	ZINC	4	457.6	607.6
45488	68107	ZINC	5	298.9	428.7
45489	68107	ZINC	4	225.2	324.8
45490	68107	ZINC	5	110.2	156.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45492	68107	ZINC	6	149.2	201.9
45494	68107	ZINC	4	128.7	209.6
45495	68107	ZINC	5	189.0	302.4
45496	68107	ZINC	4	133.7	161.6
45497	68107	ZINC	4	531.5	825.4
45499	68107	ZINC	4	419.4	549.2
45500	68107	ZINC	3	137.7	156.8
45501	68107	ZINC	4	272.9	332.6
45502	68107	ZINC	4	314.1	454.7
45503	68107	ZINC	4	244.8	380.5
45504	68107	ZINC	4	119.6	136.0
45506	68107	ZINC	3	101.6	104.9
45507	68107	ZINC	4	229.9	302.4
45508	68107	ZINC	3	197.4	229.9
45509	68107	ZINC	5	135.7	157.4
45510	68107	ZINC	4	129.8	144.0
45511	68107	ZINC	4	164.6	253.0
45512	68107	ZINC	4	114.7	164.8
45513	68107	ZINC	5	182.0	315.8
45514	68107	ZINC	5	136.0	159.2
45515	68107	ZINC	4	185.6	330.9
45517	68107	ZINC	4	164.9	226.3
45518	68107	ZINC	4	118.1	140.0
45519	68107	ZINC	4	329.7	597.7
45520	68107	ZINC	4	166.9	197.3
45522	68107	ZINC	4	140.1	215.1
45525	68107	ZINC	4	161.8	294.7
45526	68107	ZINC	4	291.6	552.7
45527	68107	ZINC	4	291.1	455.1
45528	68107	ZINC	4	216.0	257.6
45529	68107	ZINC	4	163.1	214.8
45530	68107	ZINC	5	113.2	130.4
45531	68107	ZINC	4	175.3	220.3
45533	68107	ZINC	4	157.6	185.0
45534	68107	ZINC	4	165.1	270.5
45535	68107	ZINC	5	115.7	131.0
45537	68107	ZINC	2	176.4	189.6
45538	68107	ZINC	4	70.2	95.2
45539	68107	ZINC	5	198.5	357.2
45540	68107	ZINC	5	167.6	197.0
45541	68107	ZINC	4	141.7	194.9
45542	68107	ZINC	3	184.2	205.5
45543	68107	ZINC	4	196.0	233.8
45544	68107	ZINC	4	165.5	206.7
45545	68107	ZINC	4	109.3	116.4
45546	68107	ZINC	4	216.0	339.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45548	68107	ZINC	4	165.9	274.3
45550	68107	ZINC	4	127.1	207.4
45551	68107	ZINC	4	132.0	162.7
45552	68107	ZINC	4	219.0	343.6
45554	68107	ZINC	4	200.8	389.6
45556	68107	ZINC	4	56.8	100.2
45557	68107	ZINC	6	154.3	200.8
45559	68107	ZINC	4	100.9	115.6
45561	68107	ZINC	4	141.9	176.7
45562	68107	ZINC	4	251.6	348.0
45563	68107	ZINC	4	185.8	342.8
45564	68107	ZINC	5	133.1	146.2
45565	68107	ZINC	5	211.3	406.9
45566	68107	ZINC	5	257.4	326.3
45567	68107	ZINC	4	324.7	610.4
45568	68107	ZINC	4	261.0	624.6
45569	68107	ZINC	4	158.0	185.3
45574	68107	ZINC	6	137.3	171.9
45575	68107	ZINC	4	139.4	162.6
45576	68107	ZINC	4	132.1	198.3
45577	68107	ZINC	4	190.8	238.8
45578	68107	ZINC	4	324.6	714.5
45579	68107	ZINC	4	130.1	160.5
45580	68107	ZINC	4	171.3	198.6
45583	68107	ZINC	4	132.9	163.7
45584	68107	ZINC	5	134.2	180.4
45585	68107	ZINC	4	215.8	336.5
45587	68107	ZINC	4	105.2	145.4
45590	68107	ZINC	4	166.3	235.7
45591	68107	ZINC	5	115.7	160.6
45592	68107	ZINC	4	170.6	265.2
45594	68107	ZINC	5	104.7	164.3
45595	68107	ZINC	5	206.0	395.1
45597	68107	ZINC	4	154.3	181.6
45598	68107	ZINC	4	149.2	190.2
45599	68107	ZINC	5	239.4	583.1
45601	68107	ZINC	4	117.6	127.2
45602	68107	ZINC	4	172.9	248.8
45604	68107	ZINC	3	288.0	568.5
45605	68107	ZINC	4	179.1	210.2
45606	68107	ZINC	4	83.3	102.3
45607	68107	ZINC	5	172.5	235.8
45608	68107	ZINC	3	246.1	279.3
45609	68107	ZINC	5	116.4	136.3
45610	68107	ZINC	4	120.6	154.6
45611	68107	ZINC	4	99.3	125.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45612	68107	ZINC	5	110.4	136.5
45613	68107	ZINC	4	151.0	212.4
45614	68107	ZINC	4	140.2	186.0
45618	68107	ZINC	5	207.2	493.1
45619	68107	ZINC	4	117.2	133.3
45620	68107	ZINC	4	135.0	149.7
45621	68107	ZINC	4	167.8	226.2
45622	68107	ZINC	4	139.3	171.1
45623	68107	ZINC	4	135.7	141.7
45624	68107	ZINC	5	151.3	206.3
45625	68107	ZINC	4	202.7	297.0
45626	68107	ZINC	4	125.5	148.2
45627	68107	ZINC	4	137.0	161.8
45629	68107	ZINC	3	126.6	141.6
45630	68107	ZINC	5	137.9	182.1
45631	68107	ZINC	5	111.4	119.9
45633	68107	ZINC	5	183.0	230.0
45634	68107	ZINC	6	114.5	161.2
45635	68107	ZINC	6	165.7	251.2
45636	68107	ZINC	4	175.3	215.2
45637	68107	ZINC	5	191.3	250.5
45638	68107	ZINC	4	150.4	233.8
45639	68107	ZINC	5	140.4	191.9
45641	68107	ZINC	4	130.3	148.2
45642	68107	ZINC	4	232.5	387.6
45643	68107	ZINC	4	109.8	121.6
45644	68107	ZINC	5	124.4	202.5
45645	68107	ZINC	5	412.8	689.0
45646	68107	ZINC	4	215.1	395.9
45647	68107	ZINC	4	181.4	240.8
45648	68107	ZINC	4	249.1	511.4
45649	68107	ZINC	4	265.9	479.1
45652	68107	ZINC	4	95.3	133.5
45653	68107	ZINC	4	248.1	355.4
45654	68107	ZINC	5	93.7	108.7
45655	68107	ZINC	6	161.0	183.7
45656	68107	ZINC	3	201.3	225.5
45658	68107	ZINC	5	49.9	79.9
45659	68107	ZINC	5	123.1	145.2
45660	68107	ZINC	4	69.0	106.1
45661	68107	ZINC	3	156.5	176.9
45662	68107	ZINC	4	110.6	137.9
45663	68107	ZINC	4	214.9	406.6
45665	68107	ZINC	6	200.6	418.6
45667	68107	ZINC	4	258.2	365.8
45668	68107	ZINC	4	207.1	421.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45669	68107	ZINC	5	125.0	189.5
45670	68107	ZINC	4	119.0	179.5
45671	68107	ZINC	4	161.0	278.6
45672	68107	ZINC	6	154.9	227.8
45673	68107	ZINC	4	94.5	114.2
45674	68107	ZINC	4	155.7	254.1
45675	68107	ZINC	4	124.5	192.3
45676	68107	ZINC	4	316.3	621.9
45677	68107	ZINC	3	669.6	1203.9
45678	68107	ZINC	4	198.4	289.7
45679	68107	ZINC	4	135.0	156.9
45680	68107	ZINC	5	144.4	179.1
45681	68107	ZINC	5	256.8	435.7
45682	68107	ZINC	5	108.8	165.9
45683	68107	ZINC	3	138.7	151.2
45684	68107	ZINC	4	114.7	132.5
45685	68107	ZINC	4	94.8	130.3
45688	68107	ZINC	4	216.6	320.2
45690	68107	ZINC	4	136.1	199.9
45691	68107	ZINC	4	98.0	116.1
45692	68107	ZINC	4	252.6	343.0
45693	68107	ZINC	5	154.8	165.8
45695	68107	ZINC	5	218.1	274.2
45696	68107	ZINC	4	181.9	279.9
45697	68107	ZINC	3	144.1	215.9
45698	68107	ZINC	4	135.8	186.9
45699	68107	ZINC	4	195.9	272.9
45700	68107	ZINC	5	162.2	235.7
45702	68107	ZINC	4	70.3	125.2
45704	68107	ZINC	3	169.5	231.4
45706	68107	ZINC	5	106.5	128.6
45707	68107	ZINC	4	146.1	163.7
45708	68107	ZINC	4	186.1	385.4
45711	68107	ZINC	4	190.8	220.6
45712	68107	ZINC	4	166.7	279.9
45713	68107	ZINC	5	241.2	319.5
45714	68107	ZINC	5	146.2	172.2
45715	68107	ZINC	4	137.0	169.0
45716	68107	ZINC	6	166.2	291.1
45718	68107	ZINC	5	113.0	139.9
45719	68107	ZINC	5	151.3	226.3
45720	68107	ZINC	4	163.7	336.5
45721	68107	ZINC	3	172.0	236.2
45722	68107	ZINC	4	185.5	236.5
45723	68107	ZINC	5	161.3	245.4
45724	68107	ZINC	4	221.5	288.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45725	68107	ZINC	5	155.3	205.7
45726	68107	ZINC	5	147.9	258.3
45727	68107	ZINC	4	142.4	171.4
45728	68107	ZINC	4	238.0	506.1
45729	68107	ZINC	6	134.9	153.8
45730	68107	ZINC	4	258.6	469.2
45731	68107	ZINC	4	167.8	342.3
45732	68107	ZINC	5	152.8	208.7
45734	68107	ZINC	5	155.2	255.2
45735	68107	ZINC	4	200.8	279.6
45736	68107	ZINC	5	195.8	395.9
45737	68107	ZINC	5	91.9	137.7
45738	68107	ZINC	4	159.9	218.6
45739	68107	ZINC	4	208.2	272.3
45740	68107	ZINC	4	135.3	163.4
45741	68107	ZINC	4	175.8	223.3
45742	68107	ZINC	4	124.1	141.2
45743	68107	ZINC	5	108.3	138.0
45744	68107	ZINC	3	165.0	189.6
45746	68107	ZINC	4	176.9	206.4
45747	68107	ZINC	4	129.2	190.1
45749	68107	ZINC	4	161.3	199.0
45750	68107	ZINC	6	177.5	232.9
45751	68107	ZINC	4	154.0	168.6
45752	68107	ZINC	5	170.1	194.5
45753	68107	ZINC	4	242.3	326.3
45754	68107	ZINC	4	227.3	260.6
45756	68107	ZINC	5	220.2	331.1
45757	68107	ZINC	4	244.3	575.2
45759	68107	ZINC	4	162.9	199.6
45760	68107	ZINC	5	117.8	136.8
45761	68107	ZINC	4	39.7	44.7
45762	68107	ZINC	5	166.6	215.1
45763	68107	ZINC	4	151.2	189.7
45764	68107	ZINC	4	499.7	1476.0
45765	68107	ZINC	5	112.8	151.8
45766	68107	ZINC	4	192.6	245.6
45767	68107	ZINC	4	198.9	253.0
45768	68107	ZINC	4	84.9	112.0
45769	68107	ZINC	4	207.6	244.6
45770	68107	ZINC	4	174.2	204.0
45771	68107	ZINC	4	173.2	276.5
45772	68107	ZINC	4	127.0	133.0
45773	68107	ZINC	3	148.0	152.0
45775	68107	ZINC	4	142.3	183.3
45776	68107	ZINC	4	112.6	117.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45779	68107	ZINC	4	239.2	377.3
45780	68107	ZINC	4	104.9	138.4
45781	68107	ZINC	4	224.9	398.0
45782	68107	ZINC	4	95.4	104.5
45783	68107	ZINC	4	215.0	330.5
45785	68107	ZINC	4	77.2	105.1
45786	68107	ZINC	4	152.5	186.4
45787	68107	ZINC	5	208.4	468.4
45788	68107	ZINC	4	178.6	231.6
45789	68107	ZINC	4	159.1	193.7
45790	68107	ZINC	3	184.3	204.2
45791	68107	ZINC	4	171.1	290.9
45792	68107	ZINC	4	179.1	213.0
45793	68107	ZINC	5	118.8	129.9
45794	68107	ZINC	5	179.9	200.9
45795	68107	ZINC	5	161.6	181.2
45797	68107	ZINC	4	226.9	350.4
45798	68107	ZINC	5	325.3	562.3
45799	68107	ZINC	4	173.4	223.7
45800	68107	ZINC	4	152.7	230.4
45801	68107	ZINC	6	88.8	123.7
45802	68107	ZINC	3	143.2	158.2
45803	68107	ZINC	4	182.9	245.1
45804	68107	ZINC	5	162.7	222.8
45805	68107	ZINC	4	225.6	343.2
45806	68107	ZINC	4	91.5	138.1
45807	68107	ZINC	4	163.1	205.9
45808	68107	ZINC	3	154.4	174.7
45809	68107	ZINC	4	155.7	216.6
45810	68107	ZINC	4	300.9	529.8
45811	68107	ZINC	3	158.2	173.6
45812	68107	ZINC	4	247.5	292.5
45813	68107	ZINC	4	143.5	182.7
45814	68107	ZINC	4	134.1	151.8
45815	68107	ZINC	2	147.6	161.5
45817	68107	ZINC	4	167.1	265.8
45818	68107	ZINC	3	150.4	162.6
45820	68107	ZINC	4	224.1	370.6
45821	68107	ZINC	5	250.0	361.2
45822	68107	ZINC	4	164.7	185.0
45823	68107	ZINC	4	190.0	232.7
45824	68107	ZINC	4	158.6	189.2
45825	68107	ZINC	4	93.6	175.7
45826	68107	ZINC	5	270.0	421.2
45827	68107	ZINC	4	324.8	424.0
45829	68107	ZINC	4	119.6	140.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45831	68107	ZINC	5	115.1	131.6
45832	68107	ZINC	5	145.3	291.4
45833	68107	ZINC	4	162.2	185.8
45834	68107	ZINC	3	165.0	221.9
45835	68107	ZINC	4	320.7	478.3
45836	68107	ZINC	4	195.5	210.0
45837	68107	ZINC	4	132.4	159.1
45838	68107	ZINC	4	178.8	265.8
45840	68107	ZINC	4	125.2	144.8
45841	68107	ZINC	4	139.5	147.1
45842	68107	ZINC	5	135.0	153.8
45843	68107	ZINC	4	120.9	131.4
45844	68107	ZINC	4	126.9	136.7
45845	68107	ZINC	4	162.2	224.4
45846	68107	ZINC	5	161.0	264.2
45847	68107	ZINC	4	141.9	161.4
45848	68107	ZINC	4	151.6	226.0
45849	68107	ZINC	4	174.5	207.5
45850	68107	ZINC	4	102.2	121.5
45851	68107	ZINC	4	114.9	133.5
45853	68107	ZINC	4	163.0	233.0
45854	68107	ZINC	5	109.9	126.3
45855	68107	ZINC	4	129.9	164.8
45856	68107	ZINC	5	78.4	144.9
45857	68107	ZINC	4	202.8	289.0
45858	68107	ZINC	4	165.1	312.4
45860	68107	ZINC	5	141.2	170.7
45861	68107	ZINC	4	102.9	151.4
45862	68107	ZINC	4	169.8	224.3
45864	68107	ZINC	4	147.9	199.5
45865	68107	ZINC	4	140.0	152.5
45867	68107	ZINC	4	105.2	110.5
45868	68107	ZINC	5	209.1	499.3
45869	68107	ZINC	4	91.3	132.2
45870	68107	ZINC	4	178.3	245.0
45871	68107	ZINC	4	74.0	110.9
45872	68107	ZINC	4	67.0	92.6
45873	68107	ZINC	4	194.2	346.7
45876	68107	ZINC	4	183.0	251.9
45877	68107	ZINC	5	139.1	146.2
45878	68107	ZINC	4	120.8	146.5
45879	68107	ZINC	2	123.5	129.6
45880	68107	ZINC	4	223.0	448.2
45882	68107	ZINC	4	85.6	117.4
45883	68107	ZINC	5	148.8	180.2
45884	68107	ZINC	4	145.2	238.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45886	68107	ZINC	5	174.3	252.4
45887	68107	ZINC	3	204.3	241.9
45888	68107	ZINC	4	132.6	167.3
45889	68107	ZINC	4	121.7	153.7
45890	68107	ZINC	6	55.8	81.2
45891	68107	ZINC	4	209.7	323.8
45892	68107	ZINC	5	108.0	120.7
45893	68107	ZINC	4	137.8	157.7
45894	68107	ZINC	4	81.7	156.0
45895	68107	ZINC	4	146.9	195.5
45897	68107	ZINC	5	212.7	405.1
45898	68107	ZINC	4	101.6	125.6
45899	68107	ZINC	4	112.0	162.4
45900	68107	ZINC	5	121.2	145.4
45901	68107	ZINC	4	129.2	230.7
45902	68107	ZINC	4	138.6	164.9
45903	68107	ZINC	4	230.2	414.5
45905	68107	ZINC	5	152.5	181.5
45906	68107	ZINC	5	137.3	179.6
45907	68107	ZINC	4	208.6	300.7
45909	68107	ZINC	5	126.7	159.4
45910	68107	ZINC	4	262.3	514.3
45912	68107	ZINC	4	176.9	205.2
45913	68107	ZINC	3	182.6	204.3
45914	68107	ZINC	4	84.5	135.0
45915	68107	ZINC	5	164.3	232.7
45916	68107	ZINC	4	145.4	178.3
45920	68107	ZINC	5	153.7	202.0
45921	68107	ZINC	5	158.1	235.6
45923	68107	ZINC	5	134.0	287.7
45924	68107	ZINC	4	163.1	204.8
45925	68107	ZINC	4	339.0	544.2
45926	68107	ZINC	4	108.7	131.2
45927	68107	ZINC	4	215.8	364.6
45928	68107	ZINC	4	145.1	179.6
45930	68107	ZINC	4	110.3	178.0
45932	68107	ZINC	5	239.9	341.2
45937	68107	ZINC	5	119.2	130.7
45940	68107	ZINC	5	147.8	181.1
45941	68107	ZINC	4	224.9	402.1
45942	68107	ZINC	4	390.9	664.9
45943	68107	ZINC	4	140.0	194.4
45945	68107	ZINC	4	172.0	203.9
45946	68107	ZINC	4	270.9	411.9
45947	68107	ZINC	4	145.3	207.0
45949	68107	ZINC	4	110.5	136.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
45950	68107	ZINC	4	206.0	280.7
45952	68107	ZINC	5	162.7	182.4
45953	68107	ZINC	4	299.0	639.9
45954	68107	ZINC	4	229.7	293.0
45955	68107	ZINC	4	166.2	248.2
45957	68107	ZINC	4	150.4	177.5
45958	68107	ZINC	5	152.4	231.3
45959	68107	ZINC	4	200.5	228.8
45960	68107	ZINC	4	160.7	177.5
45961	68107	ZINC	4	139.1	164.0
45962	68107	ZINC	4	149.9	171.0
45963	68107	ZINC	4	165.6	207.8
45966	68107	ZINC	4	294.7	378.5
45967	68107	ZINC	5	114.7	234.9
45968	68107	ZINC	4	135.8	160.0
45969	68107	ZINC	5	185.3	269.7
45970	68107	ZINC	4	193.6	281.8
45971	68107	ZINC	4	337.4	412.8
45972	68107	ZINC	5	110.9	128.9
45973	68107	ZINC	3	413.3	485.8
45974	68107	ZINC	2	216.2	232.5
45976	68107	ZINC	4	64.0	98.7
45977	68107	ZINC	3	166.6	262.1
45979	68107	ZINC	4	122.9	134.6
45983	68107	ZINC	3	492.1	849.2
45984	68107	ZINC	4	152.9	163.9
45986	68107	ZINC	4	169.7	311.9
45987	68107	ZINC	4	177.1	221.6
45988	68107	ZINC	5	124.6	151.7
45989	68107	ZINC	5	157.6	197.4
45990	68107	ZINC	5	147.7	170.2
45991	68107	ZINC	4	152.0	224.3
45992	68107	ZINC	4	162.3	177.0
45993	68107	ZINC	4	97.1	148.3
45994	68107	ZINC	4	152.2	252.3
45995	68107	ZINC	5	199.9	296.0
45996	68107	ZINC	5	135.8	183.4
45998	68107	ZINC	4	121.4	156.1
45999	68107	ZINC	5	144.2	182.0
46000	68107	ZINC	4	273.6	365.3
46001	68107	ZINC	4	191.9	265.6
46004	68107	ZINC	4	189.4	235.1
46005	68107	ZINC	4	244.8	269.2
46006	68107	ZINC	4	243.3	372.4
46007	68107	ZINC	3	237.8	246.6
46008	68107	ZINC	5	226.9	352.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46012	68107	ZINC	4	214.4	370.1
46016	68107	ZINC	4	166.8	225.1
46017	68107	ZINC	4	95.2	147.4
46020	68107	ZINC	5	153.3	309.6
46021	68107	ZINC	4	191.0	302.2
46022	68107	ZINC	4	288.2	383.5
46023	68107	ZINC	5	131.4	206.0
46025	68107	ZINC	4	450.5	571.7
46026	68107	ZINC	3	161.7	182.7
46028	68107	ZINC	4	282.6	471.4
46029	68107	ZINC	4	268.4	668.1
46030	68107	ZINC	4	288.4	564.0
46031	68107	ZINC	4	187.6	293.9
46032	68107	ZINC	4	147.9	186.2
46033	68107	ZINC	3	133.0	152.0
46035	68107	ZINC	5	246.7	467.0
46036	68107	ZINC	4	200.4	274.0
46037	68107	ZINC	4	397.5	575.4
46039	68107	ZINC	4	136.1	170.8
46041	68107	ZINC	4	185.7	204.0
46042	68107	ZINC	4	108.6	145.5
46045	68107	ZINC	4	197.4	227.7
46047	68107	ZINC	5	205.9	265.2
46048	68107	ZINC	6	165.9	220.6
46049	68107	ZINC	4	126.6	153.0
46050	68107	ZINC	5	202.9	612.6
46051	68107	ZINC	4	302.5	489.7
46052	68107	ZINC	4	167.1	204.6
46053	68107	ZINC	4	194.8	228.1
46058	68107	ZINC	4	138.1	244.8
46059	68107	ZINC	5	177.5	252.6
46060	68107	ZINC	4	109.0	126.5
46061	68107	ZINC	4	192.4	241.6
46063	68107	ZINC	4	303.2	377.5
46066	68107	ZINC	5	97.5	106.5
46067	68107	ZINC	4	127.6	144.0
46070	68107	ZINC	4	109.7	174.2
46071	68107	ZINC	5	150.3	215.2
46073	68107	ZINC	4	172.3	231.0
46074	68107	ZINC	4	266.4	577.1
46075	68107	ZINC	4	166.9	183.3
46077	68107	ZINC	5	127.5	135.3
46078	68107	ZINC	4	126.5	163.6
46080	68107	ZINC	5	151.7	359.5
46082	68107	ZINC	5	171.3	241.8
46083	68107	ZINC	2	138.7	151.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46085	68107	ZINC	4	184.7	223.0
46086	68107	ZINC	4	343.3	474.5
46087	68107	ZINC	4	244.8	292.7
46088	68107	ZINC	4	144.2	174.0
46089	68107	ZINC	4	201.4	266.9
46090	68107	ZINC	4	506.9	736.9
46091	68107	ZINC	4	160.4	226.5
46093	68107	ZINC	4	136.5	141.4
46094	68107	ZINC	4	201.4	248.8
46095	68107	ZINC	4	160.1	204.6
46097	68107	ZINC	4	164.1	273.1
46098	68107	ZINC	4	236.4	323.7
46099	68107	ZINC	4	128.1	149.5
46102	68107	ZINC	4	163.4	206.2
46103	68107	ZINC	4	239.1	300.0
46104	68107	ZINC	5	149.4	209.0
46107	68107	ZINC	4	257.4	432.0
46108	68107	ZINC	3	366.8	414.0
46109	68107	ZINC	4	500.6	854.2
46110	68107	ZINC	4	309.7	521.5
46111	68107	ZINC	4	201.8	256.7
46112	68107	ZINC	4	241.3	438.0
46113	68107	ZINC	5	192.6	331.8
46115	68107	ZINC	4	220.0	246.3
46116	68107	ZINC	3	227.0	272.3
46117	68107	ZINC	4	192.8	242.8
46118	68107	ZINC	4	283.0	446.4
46120	68107	ZINC	4	196.6	230.0
46121	68107	ZINC	4	392.0	551.0
46122	68107	ZINC	4	205.6	256.2
46124	68107	ZINC	4	156.1	212.9
46125	68107	ZINC	4	145.0	161.2
46127	68107	ZINC	4	173.0	209.0
46128	68107	ZINC	4	259.1	442.3
46130	68107	ZINC	5	99.0	141.7
46131	68107	ZINC	4	279.3	427.6
46132	68107	ZINC	4	94.0	128.8
46133	68107	ZINC	4	156.7	170.3
46134	68107	ZINC	4	245.7	341.4
46135	68107	ZINC	3	172.9	177.5
46136	68107	ZINC	4	129.9	139.2
46137	68107	ZINC	4	449.5	646.0
46139	68107	ZINC	3	209.1	282.8
46140	68107	ZINC	5	125.6	153.3
46142	68107	ZINC	1	166.2	166.2
46144	68107	ZINC	4	209.9	300.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46145	68107	ZINC	4	141.4	181.7
46147	68107	ZINC	4	217.2	336.3
46148	68107	ZINC	4	140.9	143.0
46149	68107	ZINC	4	176.4	256.0
46150	68107	ZINC	5	215.3	276.0
46152	68107	ZINC	4	137.6	165.4
46153	68107	ZINC	4	227.9	540.6
46154	68107	ZINC	4	171.6	203.2
46155	68107	ZINC	3	144.0	169.0
46157	68107	ZINC	6	165.3	379.7
46159	68107	ZINC	5	112.6	137.8
46160	68107	ZINC	3	164.0	176.3
46161	68107	ZINC	4	196.6	255.0
46163	68107	ZINC	5	242.3	434.3
46164	68107	ZINC	4	151.1	171.6
46165	68107	ZINC	4	237.2	292.4
46166	68107	ZINC	4	136.5	218.4
46167	68107	ZINC	4	236.6	317.9
46168	68107	ZINC	4	140.0	152.0
46169	68107	ZINC	4	325.0	391.2
46170	68107	ZINC	4	165.0	277.5
46171	68107	ZINC	4	176.7	285.1
46172	68107	ZINC	4	208.3	346.8
46174	68107	ZINC	4	303.6	367.1
46175	68107	ZINC	4	311.8	355.8
46177	68107	ZINC	4	156.1	174.3
46178	68107	ZINC	3	281.3	340.1
46179	68107	ZINC	4	172.6	244.4
46180	68107	ZINC	5	456.5	569.0
46181	68107	ZINC	4	175.2	184.1
46183	68107	ZINC	4	507.5	1162.2
46184	68107	ZINC	2	224.8	241.8
46185	68107	ZINC	4	221.6	269.7
46186	68107	ZINC	4	97.5	105.8
46187	68107	ZINC	4	298.8	402.3
46189	68107	ZINC	4	489.1	687.2
46190	68107	ZINC	4	226.9	403.9
46191	68107	ZINC	4	103.9	110.0
46192	68107	ZINC	5	324.9	645.1
46193	68107	ZINC	4	208.9	312.1
46195	68107	ZINC	5	385.2	853.6
46196	68107	ZINC	5	165.1	191.9
46197	68107	ZINC	4	192.8	213.7
46198	68107	ZINC	4	187.0	209.0
46201	68107	ZINC	4	261.0	413.9
46203	68107	ZINC	5	205.0	312.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46204	68107	ZINC	5	258.5	351.9
46207	68107	ZINC	4	258.4	480.0
46209	68107	ZINC	5	223.0	268.2
46210	68107	ZINC	4	314.4	383.9
46211	68107	ZINC	3	195.6	228.8
46212	68107	ZINC	4	213.9	277.5
46213	68107	ZINC	4	190.1	227.1
46214	68107	ZINC	5	159.2	187.7
46215	68107	ZINC	5	285.4	398.0
46217	68107	ZINC	4	181.3	197.2
46218	68107	ZINC	4	453.5	1028.7
46219	68107	ZINC	4	285.1	400.8
46221	68107	ZINC	4	216.7	285.4
46222	68107	ZINC	4	167.6	202.8
46224	68107	ZINC	4	210.4	273.1
46225	68107	ZINC	4	172.5	186.8
46226	68107	ZINC	5	152.8	191.7
46227	68107	ZINC	4	181.5	313.2
46228	68107	ZINC	4	242.2	326.5
46229	68107	ZINC	4	120.6	134.7
46231	68107	ZINC	4	865.9	2398.8
46232	68107	ZINC	4	100.1	113.4
46233	68107	ZINC	4	335.6	644.7
46234	68107	ZINC	5	172.8	215.7
46235	68107	ZINC	5	193.7	228.3
46237	68107	ZINC	4	281.0	342.8
46238	68107	ZINC	4	272.7	364.9
46240	68107	ZINC	4	132.0	139.6
46241	68107	ZINC	5	463.0	1531.4
46242	68107	ZINC	5	241.4	334.9
46244	68107	ZINC	4	172.9	196.5
46245	68107	ZINC	5	356.6	484.6
46246	68107	ZINC	4	167.3	207.3
46247	68107	ZINC	5	219.9	268.6
46248	68107	ZINC	4	235.9	314.0
46250	68107	ZINC	4	167.4	182.4
46252	68107	ZINC	4	884.8	1739.1
46253	68107	ZINC	5	171.9	229.4
46254	68107	ZINC	4	223.3	275.3
46255	68107	ZINC	4	221.8	317.4
46256	68107	ZINC	4	132.7	176.6
46258	68107	ZINC	4	151.7	200.7
46260	68107	ZINC	4	215.8	382.0
46266	68107	ZINC	4	165.6	178.8
46268	68107	ZINC	4	201.6	296.6
46269	68107	ZINC	3	157.2	174.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46270	68107	ZINC	4	210.5	252.4
46274	68107	ZINC	4	82.9	138.6
46275	68107	ZINC	4	377.8	632.1
46276	68107	ZINC	4	255.7	352.1
46278	68107	ZINC	4	197.5	260.8
46279	68107	ZINC	4	173.1	242.8
46280	68107	ZINC	4	245.6	423.7
46281	68107	ZINC	4	162.5	192.3
46282	68107	ZINC	4	190.6	301.9
46283	68107	ZINC	4	209.6	220.9
46284	68107	ZINC	4	322.5	560.2
46285	68107	ZINC	4	265.6	570.0
46286	68107	ZINC	4	160.9	218.2
46290	68107	ZINC	4	263.0	465.9
46292	68107	ZINC	4	390.2	611.3
46293	68107	ZINC	5	180.0	334.3
46294	68107	ZINC	5	286.5	488.4
46296	68107	ZINC	3	222.9	275.9
46297	68107	ZINC	4	172.7	213.7
46298	68107	ZINC	4	108.8	177.3
46301	68107	ZINC	4	169.1	260.8
46302	68107	ZINC	4	273.0	358.1
46303	68107	ZINC	5	219.0	290.0
46304	68107	ZINC	4	287.7	436.4
46305	68107	ZINC	3	111.0	121.4
46306	68107	ZINC	4	639.1	1658.8
46307	68107	ZINC	4	197.5	295.7
46310	68107	ZINC	2	196.9	213.8
46312	68107	ZINC	4	149.2	207.5
46314	68107	ZINC	4	162.9	180.3
46315	68107	ZINC	5	423.6	607.2
46316	68107	ZINC	4	124.2	232.8
46317	68107	ZINC	5	179.9	219.1
46318	68107	ZINC	5	191.6	261.0
46320	68107	ZINC	4	163.0	236.2
46321	68107	ZINC	4	341.2	654.2
46323	68107	ZINC	4	208.9	267.9
46325	68107	ZINC	5	179.2	252.6
46327	68107	ZINC	4	131.6	202.1
46330	68107	ZINC	4	239.9	336.6
46331	68107	ZINC	4	169.1	226.5
46332	68107	ZINC	4	153.3	197.4
46333	68107	ZINC	4	235.5	336.3
46335	68107	ZINC	5	163.0	268.1
46336	68107	ZINC	4	214.6	355.9
46339	68107	ZINC	4	155.0	207.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46340	68107	ZINC	5	148.2	197.7
46341	68107	ZINC	4	155.1	203.2
46342	68107	ZINC	3	192.1	230.4
46343	68107	ZINC	4	157.8	222.3
46344	68107	ZINC	4	123.7	148.2
46345	68107	ZINC	4	324.8	783.0
46346	68107	ZINC	4	126.6	182.2
46347	68107	ZINC	4	180.4	241.1
46348	68107	ZINC	5	89.9	153.8
46349	68107	ZINC	6	188.3	232.3
46350	68107	ZINC	4	153.6	182.3
46351	68107	ZINC	5	274.1	375.8
46352	68107	ZINC	4	158.0	204.0
46354	68107	ZINC	4	245.7	367.7
46355	68107	ZINC	5	214.4	253.7
46356	68107	ZINC	4	148.7	201.0
46357	68107	ZINC	4	351.9	417.3
46358	68107	ZINC	5	132.9	240.9
46359	68107	ZINC	4	175.3	249.4
46361	68107	ZINC	4	95.8	124.4
46363	68107	ZINC	4	124.0	159.2
46364	68107	ZINC	4	164.9	202.4
46365	68107	ZINC	5	125.5	170.3
46366	68107	ZINC	4	200.4	300.5
46367	68107	ZINC	5	258.6	316.5
46368	68107	ZINC	5	180.3	254.9
46369	68107	ZINC	4	173.2	250.1
46370	68107	ZINC	5	59.5	131.8
46371	68107	ZINC	4	147.7	169.4
46372	68107	ZINC	3	239.6	299.1
46373	68107	ZINC	4	119.0	165.9
46376	68107	ZINC	4	272.7	636.1
46378	68107	ZINC	5	122.6	172.5
46379	68107	ZINC	4	219.9	253.2
46380	68107	ZINC	4	110.2	124.1
46381	68107	ZINC	4	215.0	315.9
46383	68107	ZINC	4	268.4	312.3
46384	68107	ZINC	4	146.7	208.4
46385	68107	ZINC	4	127.7	150.3
46387	68107	ZINC	3	263.1	298.5
46388	68107	ZINC	5	191.9	254.4
46389	68107	ZINC	4	207.0	250.6
46390	68107	ZINC	4	242.2	410.2
46391	68107	ZINC	4	210.4	436.1
46393	68107	ZINC	5	222.8	310.3
46396	68107	ZINC	4	269.6	490.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46397	68107	ZINC	4	124.9	149.6
46398	68107	ZINC	4	249.5	342.5
46399	68107	ZINC	3	353.5	465.3
46400	68107	ZINC	4	200.3	330.3
46401	68107	ZINC	4	221.0	249.0
46402	68107	ZINC	5	171.6	236.1
46403	68107	ZINC	5	193.6	357.3
46404	68107	ZINC	5	288.8	428.8
46405	68107	ZINC	4	173.1	229.7
46406	68107	ZINC	5	193.6	281.4
46407	68107	ZINC	5	174.1	289.0
46408	68107	ZINC	4	212.6	446.2
46409	68107	ZINC	4	148.0	171.6
46410	68107	ZINC	5	297.5	368.4
46411	68107	ZINC	5	149.9	186.1
46412	68107	ZINC	4	129.8	135.1
46418	68107	ZINC	4	280.4	337.1
46419	68107	ZINC	4	305.1	465.5
46421	68107	ZINC	4	311.6	454.6
46422	68107	ZINC	5	132.6	190.6
46423	68107	ZINC	6	153.0	216.7
46424	68107	ZINC	4	187.2	226.5
46425	68107	ZINC	4	184.1	297.5
46426	68107	ZINC	4	182.8	261.9
46427	68107	ZINC	4	317.0	440.3
46428	68107	ZINC	5	241.0	306.2
46429	68107	ZINC	3	161.6	191.7
46430	68107	ZINC	4	311.6	497.2
46431	68107	ZINC	5	140.6	166.8
46432	68107	ZINC	4	347.2	896.3
46434	68107	ZINC	5	303.6	536.2
46435	68107	ZINC	4	134.2	141.4
46437	68107	ZINC	4	209.8	262.9
46438	68107	ZINC	5	191.9	290.9
46439	68107	ZINC	5	182.5	215.2
46441	68107	ZINC	4	184.2	243.9
46442	68107	ZINC	4	153.6	184.0
46443	68107	ZINC	5	201.4	256.2
46444	68107	ZINC	5	72.8	106.8
46445	68107	ZINC	4	249.1	295.7
46446	68107	ZINC	5	178.4	304.9
46448	68107	ZINC	5	176.9	238.4
46450	68107	ZINC	5	133.5	169.8
46451	68107	ZINC	4	84.2	149.7
46452	68107	ZINC	5	160.3	216.0
46454	68107	ZINC	4	166.0	186.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46455	68107	ZINC	4	153.6	188.7
46456	68107	ZINC	4	165.6	171.3
46457	68107	ZINC	4	147.5	164.8
46458	68107	ZINC	6	178.1	273.9
46460	68107	ZINC	5	437.3	679.4
46461	68107	ZINC	4	151.8	165.7
46462	68107	ZINC	4	143.0	149.9
46463	68107	ZINC	4	236.3	314.1
46464	68107	ZINC	4	163.4	252.5
46466	68107	ZINC	5	152.2	165.6
46469	68107	ZINC	4	170.3	283.0
46470	68107	ZINC	4	124.6	144.8
46471	68107	ZINC	4	319.4	479.0
46472	68107	ZINC	4	273.3	405.7
46473	68107	ZINC	4	159.3	271.2
46474	68107	ZINC	5	398.6	586.0
46475	68107	ZINC	4	213.8	333.2
46476	68107	ZINC	4	118.0	144.5
46478	68107	ZINC	4	298.7	358.3
46480	68107	ZINC	6	198.4	250.7
46482	68107	ZINC	5	413.9	632.8
46483	68107	ZINC	4	322.9	458.4
46484	68107	ZINC	5	237.1	478.5
46487	68107	ZINC	4	180.3	231.4
46489	68107	ZINC	5	141.4	201.9
46490	68107	ZINC	4	378.4	580.7
46491	68107	ZINC	4	180.1	225.9
46492	68107	ZINC	4	300.2	436.9
46493	68107	ZINC	5	150.3	191.2
46494	68107	ZINC	5	148.8	166.3
46495	68107	ZINC	5	241.7	277.6
46496	68107	ZINC	5	333.3	472.3
46497	68107	ZINC	6	254.5	419.9
46498	68107	ZINC	5	196.0	267.0
46499	68107	ZINC	4	337.7	429.5
46500	68107	ZINC	4	218.8	269.5
46501	68107	ZINC	6	374.1	469.7
46502	68107	ZINC	3	408.1	525.0
46503	68107	ZINC	4	444.2	584.1
46504	68107	ZINC	4	208.1	281.7
46505	68107	ZINC	4	401.2	528.5
46507	68107	ZINC	4	340.4	512.3
46508	68107	ZINC	4	398.6	855.0
46509	68107	ZINC	4	153.5	223.3
46510	68107	ZINC	4	303.1	424.4
46511	68107	ZINC	6	216.5	290.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46512	68107	ZINC	4	188.0	227.5
46513	68107	ZINC	5	174.7	196.2
46514	68107	ZINC	4	165.9	261.5
46515	68107	ZINC	5	149.1	170.4
46522	68107	ZINC	4	162.2	186.1
46523	68107	ZINC	4	119.7	176.3
46524	68107	ZINC	4	174.2	210.7
46526	68107	ZINC	4	196.7	265.5
46527	68107	ZINC	4	205.8	313.2
46528	68107	ZINC	4	492.5	820.0
46529	68107	ZINC	4	200.3	237.4
46530	68107	ZINC	6	292.0	576.1
46533	68107	ZINC	5	311.9	419.3
46534	68107	ZINC	4	168.7	195.1
46535	68107	ZINC	4	111.7	237.6
46536	68107	ZINC	4	126.1	153.3
46538	68107	ZINC	4	198.2	250.6
46539	68107	ZINC	4	220.3	271.1
46540	68107	ZINC	5	152.6	201.4
46541	68107	ZINC	5	213.8	473.2
46543	68107	ZINC	4	229.8	383.4
46546	68107	ZINC	4	193.2	235.4
46547	68107	ZINC	4	153.3	191.6
46548	68107	ZINC	5	278.3	647.3
46549	68107	ZINC	4	530.8	1100.5
46550	68107	ZINC	4	212.3	274.7
46551	68107	ZINC	4	159.8	217.0
46552	68107	ZINC	6	329.4	447.0
46554	68107	ZINC	5	142.1	182.1
46557	68107	ZINC	5	220.2	270.1
46558	68107	ZINC	5	199.8	394.0
46559	68107	ZINC	4	215.1	299.0
46562	68107	ZINC	5	172.1	221.8
46563	68107	ZINC	4	227.0	290.0
46564	68107	ZINC	4	237.2	313.0
46566	68107	ZINC	5	150.6	178.5
46567	68107	ZINC	5	176.3	209.6
46568	68107	ZINC	4	239.2	389.9
46569	68107	ZINC	5	208.1	272.2
46570	68107	ZINC	4	167.7	236.5
46573	68107	ZINC	5	216.7	283.8
46574	68107	ZINC	4	283.9	524.2
46575	68107	ZINC	4	133.0	186.9
46578	68107	ZINC	4	151.9	231.9
46579	68107	ZINC	4	170.8	186.8
46580	68107	ZINC	4	209.3	267.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46582	68107	ZINC	4	231.0	428.1
46583	68107	ZINC	5	257.3	302.7
46585	68107	ZINC	4	157.0	204.6
46586	68107	ZINC	4	267.3	321.2
46587	68107	ZINC	4	255.6	441.8
46588	68107	ZINC	4	163.1	205.0
46589	68107	ZINC	4	154.3	185.0
46591	68107	ZINC	4	169.0	226.6
46592	68107	ZINC	4	160.1	191.3
46593	68107	ZINC	4	267.6	423.7
46594	68107	ZINC	2	530.1	600.7
46595	68107	ZINC	4	142.5	188.6
46596	68107	ZINC	4	249.9	429.0
46597	68107	ZINC	5	242.2	358.7
46598	68107	ZINC	4	343.6	571.4
46601	68107	ZINC	4	277.6	335.9
46602	68107	ZINC	4	167.0	234.8
46603	68107	ZINC	5	354.1	785.8
46604	68107	ZINC	4	192.5	287.4
46605	68107	ZINC	4	499.2	1246.7
46607	68107	ZINC	4	204.6	230.4
46610	68107	ZINC	4	242.2	462.4
46611	68107	ZINC	4	251.2	298.7
46612	68107	ZINC	4	322.5	421.8
46613	68107	ZINC	4	316.7	511.1
46614	68107	ZINC	4	155.2	178.8
46615	68107	ZINC	4	238.6	297.5
46618	68107	ZINC	4	238.3	308.7
46619	68107	ZINC	4	243.2	335.5
46620	68107	ZINC	4	425.6	546.6
46621	68107	ZINC	4	464.2	658.1
46625	68107	ZINC	4	216.8	271.8
46626	68107	ZINC	4	208.9	238.4
46628	68107	ZINC	4	429.5	554.6
46629	68107	ZINC	5	315.4	415.8
46630	68107	ZINC	4	110.7	129.8
46631	68107	ZINC	5	291.3	388.3
46632	68107	ZINC	3	344.3	414.5
46633	68107	ZINC	4	270.0	351.5
46634	68107	ZINC	5	210.5	331.5
46635	68107	ZINC	4	225.2	369.7
46636	68107	ZINC	4	299.1	413.2
46637	68107	ZINC	5	197.1	258.0
46639	68107	ZINC	5	119.0	136.6
46640	68107	ZINC	5	319.7	407.9
46641	68107	ZINC	4	501.6	830.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46642	68107	ZINC	4	166.8	195.6
46643	68107	ZINC	5	364.2	495.6
46644	68107	ZINC	4	245.1	308.2
46646	68107	ZINC	4	282.3	325.3
46647	68107	ZINC	4	251.9	356.5
46648	68107	ZINC	4	132.1	157.7
46649	68107	ZINC	4	337.0	419.5
46650	68107	ZINC	4	128.6	183.3
46652	68107	ZINC	4	127.4	144.0
46655	68107	ZINC	4	187.0	239.4
46656	68107	ZINC	4	167.0	223.7
46658	68107	ZINC	4	247.1	340.3
46659	68107	ZINC	4	280.6	474.8
46661	68107	ZINC	5	85.0	127.5
46662	68107	ZINC	4	361.9	648.0
46663	68107	ZINC	4	198.1	331.4
46664	68107	ZINC	5	172.7	220.3
46665	68107	ZINC	5	249.6	444.6
46666	68107	ZINC	4	230.5	334.8
46667	68107	ZINC	4	187.0	218.4
46668	68107	ZINC	4	277.7	730.1
46669	68107	ZINC	4	265.5	392.2
46671	68107	ZINC	4	101.6	122.8
46672	68107	ZINC	5	281.7	370.0
46673	68107	ZINC	4	210.4	266.0
46674	68107	ZINC	6	214.6	264.2
46675	68107	ZINC	4	166.6	181.8
46676	68107	ZINC	4	94.4	125.4
46679	68107	ZINC	5	141.0	175.8
46682	68107	ZINC	4	451.5	532.6
46683	68107	ZINC	5	267.7	387.0
46685	68107	ZINC	4	251.1	269.4
46686	68107	ZINC	5	482.6	683.7
46687	68107	ZINC	4	138.2	167.6
46688	68107	ZINC	4	321.6	571.4
46689	68107	ZINC	4	362.4	459.0
46690	68107	ZINC	5	294.0	316.5
46691	68107	ZINC	4	282.7	402.7
46692	68107	ZINC	5	299.1	444.7
46693	68107	ZINC	4	310.8	527.7
46694	68107	ZINC	3	192.4	201.0
46696	68107	ZINC	4	187.8	227.5
46697	68107	ZINC	4	195.9	274.7
46698	68107	ZINC	4	272.5	407.6
46699	68107	ZINC	4	249.4	297.4
46700	68107	ZINC	4	278.0	394.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46701	68107	ZINC	4	147.6	197.4
46702	68107	ZINC	5	162.8	200.7
46703	68107	ZINC	4	549.5	807.5
46704	68107	ZINC	1	196.4	196.4
46707	68107	ZINC	4	262.2	318.5
46708	68107	ZINC	4	134.1	154.1
46710	68107	ZINC	4	228.6	268.1
46711	68107	ZINC	5	213.5	278.4
46712	68107	ZINC	3	614.3	768.1
46713	68107	ZINC	4	199.0	278.4
46716	68107	ZINC	4	256.8	421.7
46717	68107	ZINC	5	179.7	309.9
46718	68107	ZINC	5	228.0	314.7
46721	68107	ZINC	4	224.6	261.9
46722	68107	ZINC	5	363.3	887.6
46724	68107	ZINC	4	327.6	445.8
46725	68107	ZINC	4	320.9	398.8
46727	68107	ZINC	4	273.3	376.3
46728	68107	ZINC	4	234.8	373.3
46729	68107	ZINC	3	270.0	297.6
46730	68107	ZINC	5	189.3	302.2
46731	68107	ZINC	6	259.0	302.4
46734	68107	ZINC	4	296.3	386.9
46736	68107	ZINC	4	332.9	412.8
46740	68107	ZINC	2	185.0	202.5
46741	68107	ZINC	4	274.3	328.0
46743	68107	ZINC	4	184.3	213.3
46744	68107	ZINC	4	293.6	507.3
46745	68107	ZINC	4	158.3	221.1
46746	68107	ZINC	4	130.5	147.0
46747	68107	ZINC	4	270.9	377.2
46748	68107	ZINC	4	214.8	239.3
46749	68107	ZINC	5	195.6	232.0
46750	68107	ZINC	5	375.3	557.1
46752	68107	ZINC	4	349.9	396.6
46754	68107	ZINC	4	221.7	282.5
46755	68107	ZINC	3	304.8	344.5
46757	68107	ZINC	4	300.5	357.9
46758	68107	ZINC	4	168.1	187.7
46760	68107	ZINC	4	303.8	395.9
46761	68107	ZINC	4	360.5	414.9
46762	68107	ZINC	4	152.5	201.9
46763	68107	ZINC	4	777.1	905.7
46764	68107	ZINC	4	209.3	377.9
46766	68107	ZINC	4	254.5	263.6
46767	68107	ZINC	4	551.5	715.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46768	68107	ZINC	5	144.5	175.3
46769	68107	ZINC	3	148.2	175.7
46770	68107	ZINC	4	380.8	437.5
46771	68107	ZINC	4	338.8	470.6
46772	68107	ZINC	4	162.6	261.0
46775	68107	ZINC	4	187.0	233.0
46776	68107	ZINC	4	272.3	326.9
46777	68107	ZINC	4	189.7	235.5
46778	68107	ZINC	4	207.2	290.4
46780	68107	ZINC	5	137.5	221.5
46781	68107	ZINC	4	253.0	311.6
46784	68107	ZINC	3	375.8	423.5
46785	68107	ZINC	5	213.8	287.9
46786	68107	ZINC	3	166.0	176.7
46788	68107	ZINC	4	267.2	330.0
46790	68107	ZINC	4	176.2	183.3
46791	68107	ZINC	4	372.2	562.2
46792	68107	ZINC	5	308.6	374.7
46793	68107	ZINC	5	150.2	207.7
46794	68107	ZINC	4	332.3	435.4
46796	68107	ZINC	4	248.7	311.2
46797	68107	ZINC	4	402.0	629.3
46798	68107	ZINC	4	107.8	143.1
46799	68107	ZINC	5	140.7	194.1
46800	68107	ZINC	5	490.5	711.5
46801	68107	ZINC	4	218.4	306.0
46802	68107	ZINC	4	285.2	395.1
46803	68107	ZINC	4	87.2	116.8
46804	68107	ZINC	4	100.8	124.0
46805	68107	ZINC	6	299.3	360.8
46807	68107	ZINC	4	170.7	231.2
46808	68107	ZINC	5	376.3	528.9
46811	68107	ZINC	3	256.4	432.3
46812	68107	ZINC	4	172.3	211.4
46813	68107	ZINC	4	372.9	470.9
46814	68107	ZINC	4	248.8	317.1
46815	68107	ZINC	5	505.4	1179.5
46816	68107	ZINC	4	406.0	482.4
46817	68107	ZINC	4	91.7	107.9
46820	68107	ZINC	5	320.9	551.3
46822	68107	ZINC	4	303.8	435.1
46823	68107	ZINC	4	365.8	463.6
46825	68107	ZINC	5	143.0	172.5
46826	68107	ZINC	4	282.0	341.6
46827	68107	ZINC	4	296.3	533.3
46829	68107	ZINC	5	160.8	210.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46830	68107	ZINC	5	208.2	331.7
46832	68107	ZINC	3	410.8	476.4
46833	68107	ZINC	4	278.1	400.2
46834	68107	ZINC	2	362.6	472.8
46835	68107	ZINC	4	130.3	161.0
46836	68107	ZINC	4	265.7	373.7
46837	68107	ZINC	4	438.2	538.0
46839	68107	ZINC	4	169.8	187.9
46841	68107	ZINC	4	121.7	153.1
46842	68107	ZINC	5	300.4	352.8
46844	68107	ZINC	5	117.2	170.4
46846	68107	ZINC	5	227.5	297.1
46847	68107	ZINC	5	196.1	210.0
46849	68107	ZINC	5	240.9	320.8
46850	68107	ZINC	5	280.8	611.8
46851	68107	ZINC	4	141.8	153.0
46852	68107	ZINC	5	373.9	495.3
46854	68107	ZINC	4	193.1	255.2
46855	68107	ZINC	4	206.6	410.1
46857	68107	ZINC	4	202.5	358.0
46859	68107	ZINC	6	256.4	438.8
46860	68107	ZINC	5	172.7	210.8
46861	68107	ZINC	4	362.0	628.6
46862	68107	ZINC	4	265.1	298.7
46863	68107	ZINC	4	110.4	117.3
46864	68107	ZINC	5	243.0	334.5
46865	68107	ZINC	5	376.2	652.6
46867	68107	ZINC	4	313.9	445.5
46869	68107	ZINC	4	190.8	279.5
46870	68107	ZINC	5	217.8	282.0
46871	68107	ZINC	4	247.4	302.2
46872	68107	ZINC	4	97.5	109.1
46873	68107	ZINC	5	276.4	415.3
46877	68107	ZINC	4	201.0	243.4
46878	68107	ZINC	5	443.9	724.7
46879	68107	ZINC	4	346.5	591.1
46880	68107	ZINC	4	245.1	387.0
46881	68107	ZINC	4	372.1	476.0
46883	68107	ZINC	4	230.6	332.0
46885	68107	ZINC	5	217.4	306.9
46886	68107	ZINC	4	568.6	1123.8
46887	68107	ZINC	4	136.1	169.6
46889	68107	ZINC	4	493.1	692.7
46891	68107	ZINC	4	356.0	445.0
46892	68107	ZINC	4	316.2	368.3
46893	68107	ZINC	4	295.3	419.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46894	68107	ZINC	4	262.3	346.8
46897	68107	ZINC	4	254.1	325.2
46898	68107	ZINC	4	299.7	373.0
46899	68107	ZINC	4	319.4	431.2
46901	68107	ZINC	5	244.0	319.7
46904	68107	ZINC	4	262.8	515.8
46905	68107	ZINC	3	97.8	113.8
46906	68107	ZINC	4	429.8	723.8
46908	68107	ZINC	5	338.3	648.1
46909	68107	ZINC	4	137.0	178.2
46910	68107	ZINC	4	184.5	258.2
46911	68107	ZINC	3	243.4	256.3
46913	68107	ZINC	3	184.1	210.1
46916	68107	ZINC	5	104.5	121.0
46917	68107	ZINC	5	164.8	210.4
46918	68107	ZINC	4	234.9	352.4
46919	68107	ZINC	4	334.3	465.0
46920	68107	ZINC	4	313.0	553.8
46922	68107	ZINC	4	267.8	380.4
46923	68107	ZINC	4	207.3	236.8
46925	68107	ZINC	4	346.4	433.2
46926	68107	ZINC	4	285.4	312.3
46927	68107	ZINC	2	452.0	597.1
46928	68107	ZINC	4	212.1	351.6
46929	68107	ZINC	4	484.7	734.1
46930	68107	ZINC	4	244.7	340.9
46931	68107	ZINC	4	259.3	306.9
46932	68107	ZINC	4	365.3	574.9
46934	68107	ZINC	3	279.9	334.0
46935	68107	ZINC	4	230.6	424.4
46936	68107	ZINC	4	451.4	951.6
46940	68107	ZINC	4	320.5	687.8
46942	68107	ZINC	4	133.2	143.2
46944	68107	ZINC	5	233.8	307.0
46945	68107	ZINC	5	231.9	276.1
46946	68107	ZINC	2	794.2	1089.5
46948	68107	ZINC	5	187.6	228.1
46950	68107	ZINC	4	513.7	732.3
46952	68107	ZINC	4	182.8	233.9
46953	68107	ZINC	4	158.3	201.0
46954	68107	ZINC	3	157.4	161.0
46955	68107	ZINC	5	162.8	191.9
46957	68107	ZINC	4	219.1	374.4
46959	68107	ZINC	4	196.6	329.5
46960	68107	ZINC	4	143.2	227.3
46961	68107	ZINC	3	250.5	314.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46962	68107	ZINC	5	211.1	391.4
46963	68107	ZINC	4	135.8	171.4
46964	68107	ZINC	4	156.8	214.4
46965	68107	ZINC	5	159.9	234.8
46967	68107	ZINC	6	186.0	245.6
46968	68107	ZINC	4	194.1	205.2
46969	68107	ZINC	4	382.2	531.2
46970	68107	ZINC	4	213.0	292.2
46971	68107	ZINC	4	218.5	333.1
46972	68107	ZINC	3	304.2	352.3
46973	68107	ZINC	6	351.1	763.3
46976	68107	ZINC	4	295.8	381.2
46977	68107	ZINC	4	104.0	129.5
46979	68107	ZINC	4	244.5	408.8
46980	68107	ZINC	4	219.2	328.3
46982	68107	ZINC	4	192.8	221.3
46984	68107	ZINC	4	406.5	581.0
46985	68107	ZINC	4	181.8	216.8
46986	68107	ZINC	4	304.8	411.4
46987	68107	ZINC	4	179.2	262.9
46988	68107	ZINC	5	211.0	306.1
46989	68107	ZINC	4	432.2	680.1
46990	68107	ZINC	5	317.7	488.4
46991	68107	ZINC	2	371.4	385.1
46992	68107	ZINC	4	306.1	591.4
46993	68107	ZINC	4	274.7	413.3
46994	68107	ZINC	4	178.2	206.0
46996	68107	ZINC	4	150.5	159.5
46998	68107	ZINC	4	215.5	243.9
46999	68107	ZINC	4	163.8	200.7
47000	68107	ZINC	5	234.5	445.5
47001	68107	ZINC	2	282.2	328.7
47003	68107	ZINC	3	213.2	233.0
47004	68107	ZINC	4	165.3	202.7
47005	68107	ZINC	4	249.1	374.3
47007	68107	ZINC	4	224.5	249.8
47008	68107	ZINC	2	228.2	240.9
47009	68107	ZINC	4	307.4	414.7
47010	68107	ZINC	5	350.6	567.9
47011	68107	ZINC	3	341.2	496.7
47012	68107	ZINC	4	218.5	330.1
47013	68107	ZINC	4	220.9	351.8
47015	68107	ZINC	4	314.0	375.8
47016	68107	ZINC	6	804.9	2746.8
47017	68107	ZINC	4	258.9	342.5
47020	68107	ZINC	4	118.5	150.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47021	68107	ZINC	4	222.0	305.0
47022	68107	ZINC	3	293.8	309.0
47023	68107	ZINC	4	218.7	246.6
47024	68107	ZINC	4	259.3	343.4
47026	68107	ZINC	5	385.0	461.9
47027	68107	ZINC	4	328.4	401.5
47028	68107	ZINC	5	266.6	401.1
47029	68107	ZINC	5	237.3	268.2
47030	68107	ZINC	5	294.8	445.8
47032	68107	ZINC	5	353.7	659.2
47033	68107	ZINC	4	359.9	405.6
47034	68107	ZINC	4	274.6	330.9
47037	68107	ZINC	3	211.1	234.2
47038	68107	ZINC	4	323.5	398.4
47039	68107	ZINC	3	307.1	326.5
47040	68107	ZINC	3	238.8	281.7
47041	68107	ZINC	4	182.5	220.9
47042	68107	ZINC	4	462.9	596.2
47043	68107	ZINC	4	200.2	276.2
47044	68107	ZINC	2	250.2	255.1
47045	68107	ZINC	4	232.5	322.8
47046	68107	ZINC	2	357.1	382.2
47047	68107	ZINC	5	490.9	856.3
47048	68107	ZINC	4	168.1	282.5
47049	68107	ZINC	4	310.5	407.5
47050	68107	ZINC	4	404.5	901.9
47051	68107	ZINC	5	562.5	1081.7
47052	68107	ZINC	4	450.6	1270.0
47053	68107	ZINC	4	241.5	299.8
47054	68107	ZINC	4	162.9	213.6
47056	68107	ZINC	4	241.4	281.9
47058	68107	ZINC	4	183.5	208.0
47059	68107	ZINC	4	213.1	360.0
47060	68107	ZINC	4	332.5	443.1
47061	68107	ZINC	4	439.2	855.6
47062	68107	ZINC	4	157.0	211.8
47063	68107	ZINC	5	187.4	349.3
47064	68107	ZINC	4	130.2	163.6
47065	68107	ZINC	4	224.2	352.1
47066	68107	ZINC	4	145.7	218.3
47067	68107	ZINC	5	297.4	401.8
47069	68107	ZINC	4	203.9	237.4
47070	68107	ZINC	4	280.9	365.0
47071	68107	ZINC	5	104.1	165.2
47072	68107	ZINC	5	107.6	174.6
47073	68107	ZINC	4	184.8	258.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47074	68107	ZINC	4	169.3	256.0
47076	68107	ZINC	4	382.8	784.0
47077	68107	ZINC	4	228.9	264.9
47078	68107	ZINC	4	276.0	483.7
47080	68107	ZINC	5	208.2	318.3
47082	68107	ZINC	4	178.7	244.7
47084	68107	ZINC	5	257.5	281.2
47085	68107	ZINC	3	133.1	161.4
47086	68107	ZINC	4	245.6	360.9
47087	68107	ZINC	5	268.0	304.4
47088	68107	ZINC	5	565.9	1519.6
47089	68107	ZINC	4	345.4	442.7
47090	68107	ZINC	4	191.6	233.0
47091	68107	ZINC	5	241.6	271.6
47092	68107	ZINC	5	253.7	366.0
47094	68107	ZINC	4	174.6	219.6
47095	68107	ZINC	4	278.8	439.2
47096	68107	ZINC	5	201.9	233.0
47097	68107	ZINC	4	268.5	368.7
47098	68107	ZINC	5	299.7	454.8
47100	68107	ZINC	4	183.0	267.8
47102	68107	ZINC	4	225.7	306.9
47103	68107	ZINC	4	272.0	468.8
47104	68107	ZINC	4	290.8	417.2
47105	68107	ZINC	4	185.9	300.9
47106	68107	ZINC	4	156.4	192.5
47107	68107	ZINC	4	250.2	351.6
47108	68107	ZINC	4	192.6	296.3
47111	68107	ZINC	3	201.9	226.8
47112	68107	ZINC	4	407.9	523.9
47115	68107	ZINC	4	220.1	305.6
47116	68107	ZINC	5	241.1	387.4
47118	68107	ZINC	5	233.7	424.7
47119	68107	ZINC	4	281.7	346.9
47123	68107	ZINC	5	240.8	504.5
47125	68107	ZINC	4	484.6	942.4
47127	68107	ZINC	4	252.5	372.4
47128	68107	ZINC	4	263.5	279.1
47130	68107	ZINC	3	258.9	311.4
47131	68107	ZINC	4	214.1	293.1
47132	68107	ZINC	4	319.8	458.9
47133	68107	ZINC	5	428.9	935.1
47135	68107	ZINC	4	238.0	290.6
47136	68107	ZINC	5	230.8	338.2
47137	68107	ZINC	4	183.8	267.4
47138	68107	ZINC	4	215.5	316.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47139	68107	ZINC	5	315.0	397.5
47140	68107	ZINC	4	237.3	424.0
47142	68107	ZINC	4	205.0	242.8
47143	68107	ZINC	4	200.0	275.7
47144	68107	ZINC	5	186.2	309.9
47145	68107	ZINC	4	235.7	298.9
47147	68107	ZINC	3	357.7	508.0
47148	68107	ZINC	5	214.6	359.1
47149	68107	ZINC	4	347.3	595.3
47150	68107	ZINC	5	191.8	235.2
47151	68107	ZINC	4	358.5	467.2
47152	68107	ZINC	4	431.0	653.9
47153	68107	ZINC	4	381.7	512.6
47154	68107	ZINC	4	196.5	251.9
47156	68107	ZINC	4	234.8	300.2
47157	68107	ZINC	6	306.7	519.2
47158	68107	ZINC	4	256.2	280.2
47159	68107	ZINC	3	155.3	156.8
47162	68107	ZINC	4	264.1	414.6
47163	68107	ZINC	4	287.0	317.6
47164	68107	ZINC	5	190.0	280.4
47165	68107	ZINC	4	203.5	254.2
47166	68107	ZINC	4	326.3	443.3
47168	68107	ZINC	4	320.3	481.9
47169	68107	ZINC	6	503.6	685.4
47170	68107	ZINC	4	509.2	1362.5
47171	68107	ZINC	4	232.2	282.9
47172	68107	ZINC	5	315.8	509.8
47173	68107	ZINC	3	257.7	401.5
47175	68107	ZINC	4	139.9	191.1
47176	68107	ZINC	4	156.6	219.4
47177	68107	ZINC	5	226.5	347.9
47178	68107	ZINC	5	222.5	264.1
47179	68107	ZINC	5	171.6	210.0
47180	68107	ZINC	4	177.1	211.4
47181	68107	ZINC	4	285.8	444.0
47182	68107	ZINC	4	225.7	368.8
47184	68107	ZINC	4	219.6	293.4
47185	68107	ZINC	4	397.8	618.9
47186	68107	ZINC	4	165.0	211.9
47187	68107	ZINC	4	137.8	177.7
47188	68107	ZINC	5	282.6	405.3
47190	68107	ZINC	4	191.0	245.5
47191	68107	ZINC	4	279.9	451.6
47193	68107	ZINC	4	203.2	315.6
47194	68107	ZINC	4	195.0	319.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47195	68107	ZINC	3	174.3	302.9
47196	68107	ZINC	4	306.9	382.6
47197	68107	ZINC	6	328.4	587.3
47202	68107	ZINC	4	282.0	339.0
47203	68107	ZINC	4	342.5	372.0
47204	68107	ZINC	4	172.0	263.0
47206	68107	ZINC	5	276.7	359.1
47207	68107	ZINC	4	325.9	700.0
47210	68107	ZINC	4	225.7	278.3
47211	68107	ZINC	5	215.0	315.7
47212	68107	ZINC	4	317.2	484.8
47213	68107	ZINC	4	250.2	355.4
47214	68107	ZINC	4	244.7	316.3
47215	68107	ZINC	5	246.9	334.6
47216	68107	ZINC	4	176.8	257.1
47217	68107	ZINC	5	313.2	340.0
47218	68107	ZINC	5	344.9	672.4
47219	68107	ZINC	4	289.5	320.8
47220	68107	ZINC	4	115.5	138.3
47222	68107	ZINC	4	228.1	305.5
47223	68107	ZINC	4	314.4	568.7
47224	68107	ZINC	4	215.0	327.6
47225	68107	ZINC	5	218.1	322.2
47226	68107	ZINC	4	206.0	323.0
47228	68107	ZINC	4	268.8	406.7
47230	68107	ZINC	4	265.9	323.5
47231	68107	ZINC	4	305.2	343.7
47232	68107	ZINC	4	157.4	177.0
47233	68107	ZINC	4	209.1	334.3
47235	68107	ZINC	4	211.5	278.4
47236	68107	ZINC	5	160.1	232.2
47238	68107	ZINC	4	158.7	224.1
47239	68107	ZINC	4	225.0	282.5
47244	68107	ZINC	4	224.1	351.4
47248	68107	ZINC	3	313.1	371.0
47249	68107	ZINC	6	235.3	371.8
47250	68107	ZINC	4	209.1	303.5
47251	68107	ZINC	4	311.8	444.2
47252	68107	ZINC	4	189.3	288.0
47253	68107	ZINC	5	238.6	375.2
47255	68107	ZINC	5	236.1	305.1
47256	68107	ZINC	4	250.5	278.3
47257	68107	ZINC	4	547.9	722.0
47259	68107	ZINC	5	226.7	392.0
47260	68107	ZINC	4	198.6	285.4
47261	68107	ZINC	5	349.1	482.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47262	68107	ZINC	3	390.1	532.8
47263	68107	ZINC	4	161.0	178.8
47265	68107	ZINC	4	350.2	540.0
47267	68107	ZINC	4	296.2	490.0
47268	68107	ZINC	5	343.9	602.3
47269	68107	ZINC	4	258.2	282.5
47270	68107	ZINC	3	513.1	901.0
47271	68107	ZINC	6	221.6	317.1
47273	68107	ZINC	4	309.8	495.8
47274	68107	ZINC	3	211.6	246.2
47275	68107	ZINC	4	184.6	241.9
47276	68107	ZINC	4	374.8	712.7
47277	68107	ZINC	4	215.9	362.6
47279	68107	ZINC	4	373.6	631.8
47280	68107	ZINC	5	180.0	287.5
47281	68107	ZINC	5	292.4	486.9
47283	68107	ZINC	5	527.8	799.2
47285	68107	ZINC	5	481.9	1180.0
47286	68107	ZINC	2	463.6	716.3
47287	68107	ZINC	4	404.3	630.6
47288	68107	ZINC	4	421.7	629.9
47289	68107	ZINC	4	357.4	384.6
47291	68107	ZINC	5	244.6	305.5
47293	68107	ZINC	4	109.4	146.7
47294	68107	ZINC	4	201.8	256.6
47296	68107	ZINC	3	293.9	388.0
47297	68107	ZINC	4	115.4	125.4
47298	68107	ZINC	5	279.4	508.5
47299	68107	ZINC	4	152.3	222.9
47300	68107	ZINC	4	231.6	453.6
47301	68107	ZINC	4	183.2	209.9
47302	68107	ZINC	4	350.3	540.1
47303	68107	ZINC	4	119.8	166.7
47304	68107	ZINC	3	250.3	279.7
47305	68107	ZINC	4	252.4	358.4
47306	68107	ZINC	4	207.9	377.4
47308	68107	ZINC	3	244.1	290.2
47309	68107	ZINC	6	196.2	293.3
47311	68107	ZINC	4	226.3	441.5
47312	68107	ZINC	5	282.3	419.4
47313	68107	ZINC	5	546.2	1149.3
47314	68107	ZINC	5	241.2	382.2
47315	68107	ZINC	5	258.3	457.2
47316	68107	ZINC	5	259.0	342.5
47317	68107	ZINC	4	162.3	209.4
47319	68107	ZINC	4	215.6	274.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47320	68107	ZINC	3	151.1	197.8
47321	68107	ZINC	6	232.7	412.1
47322	68107	ZINC	4	228.5	295.0
47324	68107	ZINC	4	160.5	203.6
47326	68107	ZINC	4	192.6	229.4
47327	68107	ZINC	4	154.0	181.1
47328	68107	ZINC	4	457.8	1176.4
47329	68107	ZINC	4	172.5	255.6
47330	68107	ZINC	5	300.2	540.0
47331	68107	ZINC	4	223.3	296.3
47332	68107	ZINC	5	165.0	249.8
47333	68107	ZINC	5	296.0	403.1
47334	68107	ZINC	4	146.0	192.1
47335	68107	ZINC	4	139.5	264.0
47336	68107	ZINC	4	192.5	264.8
47338	68107	ZINC	4	265.9	406.0
47339	68107	ZINC	6	132.8	213.8
47340	68107	ZINC	2	448.4	494.7
47341	68107	ZINC	4	239.4	406.7
47342	68107	ZINC	4	214.2	332.1
47343	68107	ZINC	5	255.4	439.6
47346	68107	ZINC	4	292.9	359.1
47348	68107	ZINC	5	159.3	196.6
47349	68107	ZINC	4	247.0	368.2
47350	68107	ZINC	4	303.0	360.3
47351	68107	ZINC	4	112.0	142.6
47352	68107	ZINC	4	150.3	159.3
47353	68107	ZINC	3	344.8	368.1
47354	68107	ZINC	4	249.0	412.0
47355	68107	ZINC	4	133.1	165.4
47356	68107	ZINC	5	226.2	263.4
47358	68107	ZINC	4	391.0	446.4
47359	68107	ZINC	2	286.4	397.9
47360	68107	ZINC	4	314.5	468.0
47362	68107	ZINC	4	659.8	1112.4
47363	68107	ZINC	4	233.7	325.6
47364	68107	ZINC	4	350.4	386.3
47365	68107	ZINC	4	361.4	390.6
47366	68107	ZINC	5	204.5	262.3
47368	68107	ZINC	4	418.5	681.3
47369	68107	ZINC	3	246.4	269.5
47371	68107	ZINC	6	244.3	448.5
47373	68107	ZINC	4	255.1	287.6
47375	68107	ZINC	4	244.4	397.7
47377	68107	ZINC	5	276.0	496.8
47378	68107	ZINC	4	203.6	294.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47379	68107	ZINC	4	321.1	421.2
47380	68107	ZINC	4	106.4	124.0
47382	68107	ZINC	4	196.7	228.6
47383	68107	ZINC	5	256.8	299.8
47384	68107	ZINC	4	137.0	185.8
47385	68107	ZINC	4	162.4	191.4
47386	68107	ZINC	4	228.4	262.7
47388	68107	ZINC	5	198.2	255.4
47389	68107	ZINC	4	644.0	1002.2
47390	68107	ZINC	5	169.7	252.9
47391	68107	ZINC	5	305.8	456.3
47392	68107	ZINC	4	344.1	527.7
47393	68107	ZINC	6	191.2	214.7
47394	68107	ZINC	4	326.5	421.0
47395	68107	ZINC	5	220.7	288.9
47397	68107	ZINC	4	224.9	268.3
47398	68107	ZINC	5	215.8	362.3
47399	68107	ZINC	5	216.2	380.0
47400	68107	ZINC	4	306.2	376.9
47402	68107	ZINC	4	551.0	1293.0
47404	68107	ZINC	4	401.9	618.9
47405	68107	ZINC	4	173.9	197.9
47406	68107	ZINC	4	281.9	363.6
47407	68107	ZINC	3	458.9	642.0
47408	68107	ZINC	5	285.7	501.8
47410	68107	ZINC	5	215.7	307.3
47412	68107	ZINC	5	213.4	265.3
47413	68107	ZINC	4	220.8	282.0
47414	68107	ZINC	4	114.0	142.6
47415	68107	ZINC	3	163.3	178.1
47416	68107	ZINC	5	269.3	306.2
47417	68107	ZINC	5	168.8	232.4
47418	68107	ZINC	4	151.4	268.3
47419	68107	ZINC	2	392.1	549.6
47420	68107	ZINC	4	235.4	374.6
47421	68107	ZINC	4	265.9	344.3
47422	68107	ZINC	4	272.3	379.9
47423	68107	ZINC	3	518.1	853.4
47424	68107	ZINC	4	330.8	651.0
47425	68107	ZINC	5	190.5	305.0
47426	68107	ZINC	4	214.1	298.5
47427	68107	ZINC	4	245.0	262.6
47436	68107	ZINC	4	236.8	264.2
47437	68107	ZINC	4	145.5	174.1
47438	68107	ZINC	5	285.2	374.6
47439	68107	ZINC	5	276.3	442.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47440	68107	ZINC	4	362.9	403.0
47441	68107	ZINC	4	271.3	500.2
47444	68107	ZINC	4	228.2	253.7
47445	68107	ZINC	5	299.4	370.3
47447	68107	ZINC	5	479.9	785.2
47448	68107	ZINC	4	163.3	206.7
47449	68107	ZINC	4	437.3	606.8
47450	68107	ZINC	4	200.1	232.1
47451	68107	ZINC	4	224.8	368.4
47452	68107	ZINC	4	149.4	174.0
47453	68107	ZINC	4	140.1	149.9
47454	68107	ZINC	4	144.6	193.9
47456	68107	ZINC	4	140.6	151.9
47458	68107	ZINC	4	374.1	527.1
47460	68107	ZINC	4	81.0	157.4
47461	68107	ZINC	3	177.1	228.0
47462	68107	ZINC	4	118.6	189.7
47463	68107	ZINC	4	146.1	150.4
47464	68107	ZINC	3	173.4	196.6
47465	68107	ZINC	4	210.8	263.6
47466	68107	ZINC	5	121.1	142.3
47467	68107	ZINC	4	443.7	722.2
47468	68107	ZINC	4	160.9	179.5
47469	68107	ZINC	4	199.3	224.9
47470	68107	ZINC	5	242.7	305.0
47471	68107	ZINC	4	251.7	402.1
47473	68107	ZINC	5	123.8	138.6
47474	68107	ZINC	3	377.3	561.6
47475	68107	ZINC	4	198.7	216.9
47476	68107	ZINC	5	510.3	641.5
47477	68107	ZINC	2	599.2	690.5
47479	68107	ZINC	4	223.9	343.0
47480	68107	ZINC	4	363.7	704.0
47481	68107	ZINC	3	303.0	354.7
47482	68107	ZINC	4	200.0	256.8
47483	68107	ZINC	4	627.4	968.4
47484	68107	ZINC	4	293.5	488.3
47485	68107	ZINC	4	253.6	335.1
47487	68107	ZINC	4	265.5	311.7
47488	68107	ZINC	4	156.9	190.3
47489	68107	ZINC	4	219.7	236.8
47491	68107	ZINC	4	227.5	281.3
47492	68107	ZINC	4	102.6	113.3
47493	68107	ZINC	4	455.1	576.4
47494	68107	ZINC	4	138.7	160.3
47496	68107	ZINC	4	136.5	181.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47497	68107	ZINC	4	134.2	145.9
47498	68107	ZINC	2	423.9	555.6
47499	68107	ZINC	4	158.3	200.1
47502	68107	ZINC	4	352.8	407.5
47503	68107	ZINC	4	426.1	532.1
47505	68107	ZINC	4	210.4	280.2
47507	68107	ZINC	3	212.0	328.3
47508	68107	ZINC	5	164.8	182.9
47511	68107	ZINC	4	387.8	659.7
47512	68107	ZINC	4	161.0	193.6
47513	68107	ZINC	4	231.6	258.6
47514	68107	ZINC	4	233.3	336.3
47515	68107	ZINC	4	182.9	273.8
47516	68107	ZINC	5	133.7	201.2
47518	68107	ZINC	4	214.6	240.4
47519	68107	ZINC	4	302.9	531.0
47520	68107	ZINC	4	206.7	384.2
47521	68107	ZINC	5	171.9	287.0
47522	68107	ZINC	4	135.4	353.6
47523	68107	ZINC	4	339.8	619.8
47524	68107	ZINC	4	248.7	324.2
47525	68107	ZINC	3	219.0	255.1
47526	68107	ZINC	5	232.1	297.1
47529	68107	ZINC	4	279.4	320.3
47530	68107	ZINC	4	254.6	313.6
47531	68107	ZINC	4	296.4	410.6
47532	68107	ZINC	3	1035.8	2619.0
47533	68107	ZINC	4	396.2	527.5
47534	68107	ZINC	3	240.7	343.0
47535	68107	ZINC	4	188.0	251.8
47537	68107	ZINC	4	201.7	282.8
47538	68107	ZINC	4	233.5	315.4
47539	68107	ZINC	4	240.6	281.2
47540	68107	ZINC	4	164.9	178.8
47541	68107	ZINC	4	180.4	300.0
47544	68107	ZINC	4	198.9	343.1
47545	68107	ZINC	5	255.8	331.7
47547	68107	ZINC	2	370.5	443.1
47548	68107	ZINC	4	374.0	499.5
47549	68107	ZINC	4	102.4	117.1
47550	68107	ZINC	4	356.7	447.9
47551	68107	ZINC	4	130.3	175.9
47553	68107	ZINC	4	274.6	338.7
47554	68107	ZINC	3	274.5	336.6
47555	68107	ZINC	4	179.4	254.4
47556	68107	ZINC	5	248.9	273.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47557	68107	ZINC	3	240.5	257.1
47558	68107	ZINC	4	247.7	293.6
47559	68107	ZINC	4	193.3	254.5
47560	68107	ZINC	3	310.1	547.9
47561	68107	ZINC	4	212.0	270.1
47562	68107	ZINC	2	138.7	139.6
47563	68107	ZINC	5	317.1	438.2
47564	68107	ZINC	3	326.9	400.2
47565	68107	ZINC	5	261.0	421.2
47566	68107	ZINC	4	221.9	333.2
47568	68107	ZINC	3	142.2	158.2
47569	68107	ZINC	4	251.9	351.2
47570	68107	ZINC	6	92.2	127.1
47571	68107	ZINC	4	291.8	350.5
47572	68107	ZINC	3	333.8	467.4
47573	68107	ZINC	4	280.6	365.7
47574	68107	ZINC	3	200.8	269.2
47576	68107	ZINC	4	335.8	466.3
47577	68107	ZINC	4	393.6	668.8
47578	68107	ZINC	4	264.3	394.6
47579	68107	ZINC	4	163.7	259.4
47580	68107	ZINC	4	214.5	243.4
47581	68107	ZINC	4	318.9	443.4
47582	68107	ZINC	4	166.6	294.3
47583	68107	ZINC	4	215.6	235.0
47585	68107	ZINC	5	203.3	238.9
47586	68107	ZINC	4	263.1	303.5
47588	68107	ZINC	4	283.8	545.3
47589	68107	ZINC	4	189.6	253.6
47591	68107	ZINC	5	357.3	586.9
47592	68107	ZINC	4	204.9	285.2
47593	68107	ZINC	4	254.0	328.3
47594	68107	ZINC	4	142.5	156.5
47595	68107	ZINC	4	378.6	555.9
47596	68107	ZINC	5	316.2	406.4
47597	68107	ZINC	4	162.3	224.1
47598	68107	ZINC	4	230.9	269.9
47600	68107	ZINC	5	234.7	298.9
47603	68107	ZINC	5	239.3	264.0
47604	68107	ZINC	4	287.3	369.3
47605	68107	ZINC	4	326.3	478.7
47607	68107	ZINC	5	237.2	288.8
47608	68107	ZINC	4	211.1	289.5
47609	68107	ZINC	4	207.6	282.7
47610	68107	ZINC	4	303.9	450.6
47611	68107	ZINC	4	167.3	210.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47613	68107	ZINC	4	171.6	205.8
47615	68107	ZINC	5	246.3	349.4
47616	68107	ZINC	3	184.5	236.5
47617	68107	ZINC	4	266.0	330.8
47618	68107	ZINC	4	237.4	301.9
47620	68107	ZINC	3	376.6	499.3
47621	68107	ZINC	4	423.9	725.0
47622	68107	ZINC	4	297.9	440.7
47623	68107	ZINC	5	216.0	338.3
47624	68107	ZINC	5	174.1	267.8
47625	68107	ZINC	4	299.9	492.3
47626	68107	ZINC	4	415.1	517.0
47627	68107	ZINC	5	212.8	305.7
47628	68107	ZINC	5	175.4	292.7
47629	68107	ZINC	4	184.6	263.0
47630	68107	ZINC	5	504.5	738.8
47633	68107	ZINC	4	259.1	344.3
47634	68107	ZINC	4	207.3	323.7
47635	68107	ZINC	4	225.0	285.6
47636	68107	ZINC	4	357.5	509.8
47638	68107	ZINC	3	242.7	258.9
47639	68107	ZINC	4	262.0	360.9
47642	68107	ZINC	4	394.1	497.2
47643	68107	ZINC	4	262.3	392.4
47644	68107	ZINC	3	349.3	363.9
47645	68107	ZINC	5	169.9	189.3
47646	68107	ZINC	4	380.3	531.7
47647	68107	ZINC	4	369.2	401.3
47648	68107	ZINC	4	246.0	487.3
47649	68107	ZINC	4	343.6	407.7
47650	68107	ZINC	4	191.4	255.3
47651	68107	ZINC	4	255.1	449.4
47652	68107	ZINC	4	196.2	263.2
47653	68107	ZINC	2	291.7	305.1
47654	68107	ZINC	4	324.2	370.5
47655	68107	ZINC	4	488.0	934.9
47656	68107	ZINC	4	162.4	185.2
47659	68107	ZINC	4	177.5	201.4
47660	68107	ZINC	4	127.4	169.8
47661	68107	ZINC	4	222.1	338.5
47662	68107	ZINC	4	508.1	1063.8
47663	68107	ZINC	4	137.4	172.2
47664	68107	ZINC	4	172.8	230.5
47665	68107	ZINC	3	180.2	197.0
47669	68107	ZINC	4	224.4	273.4
47670	68107	ZINC	4	351.5	483.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47672	68107	ZINC	4	202.2	349.4
47673	68107	ZINC	4	397.0	544.4
47674	68107	ZINC	5	254.8	378.9
47676	68107	ZINC	4	275.7	352.2
47677	68107	ZINC	4	475.4	605.0
47679	68107	ZINC	4	211.5	287.1
47680	68107	ZINC	4	539.3	753.8
47681	68107	ZINC	4	432.8	884.5
47682	68107	ZINC	5	246.6	386.8
47683	68107	ZINC	5	287.5	395.5
47684	68107	ZINC	4	166.9	262.6
47685	68107	ZINC	4	238.6	395.0
47686	68107	ZINC	4	101.0	136.9
47687	68107	ZINC	4	217.0	262.9
47689	68107	ZINC	4	379.2	462.7
47690	68107	ZINC	4	297.6	678.0
47691	68107	ZINC	5	282.7	414.0
47692	68107	ZINC	4	389.1	507.1
47693	68107	ZINC	5	204.6	245.9
47694	68107	ZINC	4	202.2	241.7
47695	68107	ZINC	5	202.7	248.1
47696	68107	ZINC	5	443.0	515.5
47697	68107	ZINC	4	206.9	311.1
47699	68107	ZINC	4	134.2	274.9
47703	68107	ZINC	4	126.8	136.4
47704	68107	ZINC	4	252.0	306.9
47705	68107	ZINC	4	148.8	178.9
47706	68107	ZINC	4	306.6	579.0
47707	68107	ZINC	4	406.3	501.7
47708	68107	ZINC	4	216.8	284.3
47710	68107	ZINC	4	502.3	651.8
47711	68107	ZINC	4	209.2	362.0
47712	68107	ZINC	4	209.1	320.3
47713	68107	ZINC	3	140.8	154.7
47714	68107	ZINC	3	229.0	368.5
47715	68107	ZINC	4	272.9	358.2
47716	68107	ZINC	2	343.3	395.8
47717	68107	ZINC	5	396.8	613.2
47718	68107	ZINC	5	333.7	496.6
47719	68107	ZINC	5	280.8	542.4
47721	68107	ZINC	4	459.4	562.4
47722	68107	ZINC	4	154.8	196.5
47723	68107	ZINC	5	218.8	257.2
47724	68107	ZINC	4	282.2	362.1
47727	68107	ZINC	5	292.9	433.5
47728	68107	ZINC	2	259.8	290.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47730	68107	ZINC	5	429.8	596.3
47731	68107	ZINC	2	273.7	327.9
47732	68107	ZINC	3	394.3	504.4
47733	68107	ZINC	4	345.7	487.4
47734	68107	ZINC	4	388.9	561.5
47735	68107	ZINC	4	306.9	458.3
47738	68107	ZINC	5	288.8	372.8
47739	68107	ZINC	4	276.2	289.1
47740	68107	ZINC	5	211.3	344.9
47741	68107	ZINC	3	451.6	484.2
47742	68107	ZINC	4	183.7	263.0
47744	68107	ZINC	4	227.0	336.5
47745	68107	ZINC	4	157.5	196.1
47746	68107	ZINC	5	138.1	178.3
47747	68107	ZINC	4	152.6	172.3
47748	68107	ZINC	4	257.7	337.0
47749	68107	ZINC	2	377.1	527.8
47750	68107	ZINC	4	184.7	265.2
47753	68107	ZINC	1	313.9	313.9
47754	68107	ZINC	2	221.4	228.6
47755	68107	ZINC	6	157.5	228.4
47756	68107	ZINC	3	319.8	486.1
47757	68107	ZINC	4	235.7	401.3
47760	68107	ZINC	4	196.7	246.3
47761	68107	ZINC	4	190.9	261.1
47763	68107	ZINC	4	708.5	1026.0
47765	68107	ZINC	3	294.2	316.2
47766	68107	ZINC	2	172.3	179.4
47767	68107	ZINC	5	500.8	958.4
47768	68107	ZINC	5	463.4	653.0
47770	68107	ZINC	4	125.2	168.8
47771	68107	ZINC	4	305.2	452.7
47772	68107	ZINC	3	307.6	406.0
47775	68107	ZINC	4	526.4	586.7
47776	68107	ZINC	3	284.7	411.4
47777	68107	ZINC	4	319.4	581.8
47778	68107	ZINC	4	132.4	240.3
47779	68107	ZINC	4	161.8	168.0
47780	68107	ZINC	4	334.9	568.7
47781	68107	ZINC	4	530.5	763.7
47782	68107	ZINC	3	394.4	490.2
47783	68107	ZINC	5	574.9	764.0
47786	68107	ZINC	4	695.4	1245.5
47787	68107	ZINC	4	384.7	531.6
47788	68107	ZINC	4	336.5	413.7
47789	68107	ZINC	5	437.3	694.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47791	68107	ZINC	4	224.3	383.4
47793	68107	ZINC	5	241.8	297.1
47794	68107	ZINC	4	290.5	422.1
47795	68107	ZINC	4	82.3	96.2
47796	68107	ZINC	4	281.0	538.9
47797	68107	ZINC	5	165.4	187.2
47798	68107	ZINC	4	157.5	179.0
47799	68107	ZINC	3	177.0	202.7
47802	68107	ZINC	2	428.4	540.6
47803	68107	ZINC	5	223.6	310.4
47804	68107	ZINC	4	193.2	205.3
47806	68107	ZINC	4	152.9	187.0
47807	68107	ZINC	4	160.9	187.9
47809	68107	ZINC	3	222.2	258.2
47810	68107	ZINC	5	48.6	72.9
47811	68107	ZINC	4	368.5	422.6
47812	68107	ZINC	4	147.9	209.2
47813	68107	ZINC	4	412.3	668.3
47814	68107	ZINC	3	303.1	420.3
47815	68107	ZINC	4	244.6	372.8
47816	68107	ZINC	4	213.1	292.1
47818	68107	ZINC	4	241.9	361.2
47819	68107	ZINC	3	106.1	120.2
47820	68107	ZINC	4	150.2	185.2
47821	68107	ZINC	4	211.7	255.8
47822	68107	ZINC	5	211.4	245.7
47823	68107	ZINC	4	242.4	309.6
47826	68107	ZINC	4	220.0	278.8
47830	68107	ZINC	4	187.5	202.4
47831	68107	ZINC	4	551.1	1568.4
47832	68107	ZINC	4	189.9	217.3
47833	68107	ZINC	4	350.4	924.8
47834	68107	ZINC	3	165.5	190.7
47835	68107	ZINC	4	242.3	308.7
47836	68107	ZINC	3	166.3	239.3
47838	68107	ZINC	4	206.0	364.8
47839	68107	ZINC	4	259.5	433.3
47840	68107	ZINC	4	235.8	277.2
47841	68107	ZINC	4	193.7	287.3
47842	68107	ZINC	4	135.0	176.4
47846	68107	ZINC	5	517.7	1044.5
47847	68107	ZINC	4	227.8	292.5
47848	68107	ZINC	5	295.1	591.4
47850	68107	ZINC	5	276.4	466.7
47851	68107	ZINC	4	388.8	428.8
47852	68107	ZINC	5	281.2	368.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47856	68107	ZINC	2	162.6	175.3
47858	68107	ZINC	5	311.4	399.5
47859	68107	ZINC	5	222.2	385.1
47860	68107	ZINC	5	279.9	398.0
47861	68107	ZINC	3	487.9	700.3
47862	68107	ZINC	4	361.0	649.6
47863	68107	ZINC	3	395.8	593.9
47865	68107	ZINC	4	280.0	503.9
47866	68107	ZINC	4	215.5	286.4
47867	68107	ZINC	5	419.6	863.0
47868	68107	ZINC	5	321.7	440.8
47870	68107	ZINC	4	264.0	534.7
47872	68107	ZINC	4	228.1	257.1
47875	68107	ZINC	5	321.7	487.6
47876	68107	ZINC	4	183.8	244.3
47878	68107	ZINC	4	364.9	587.1
47879	68107	ZINC	5	384.4	690.3
47880	68107	ZINC	5	689.6	1496.8
47884	68107	ZINC	4	256.1	368.6
47885	68107	ZINC	4	257.5	318.5
47886	68107	ZINC	4	546.1	799.4
47887	68107	ZINC	4	513.6	585.3
47888	68107	ZINC	4	196.1	212.9
47890	68107	ZINC	4	162.7	208.4
47893	68107	ZINC	5	140.1	168.1
47894	68107	ZINC	4	245.1	316.5
47895	68107	ZINC	5	387.5	596.0
47896	68107	ZINC	3	623.2	655.8
47898	68107	ZINC	3	564.0	667.4
47899	68107	ZINC	4	314.5	431.9
47900	68107	ZINC	4	294.8	425.1
47902	68107	ZINC	4	447.4	675.6
47904	68107	ZINC	4	176.1	219.7
47905	68107	ZINC	4	348.9	513.2
47906	68107	ZINC	4	82.9	96.3
47908	68107	ZINC	4	812.5	1285.3
47909	68107	ZINC	4	190.6	279.0
47910	68107	ZINC	4	157.7	270.5
47911	68107	ZINC	3	564.9	615.8
47912	68107	ZINC	4	466.9	757.5
47913	68107	ZINC	2	476.0	564.1
47919	68107	ZINC	4	186.3	251.0
47921	68107	ZINC	3	172.1	191.1
47922	68107	ZINC	4	236.4	275.6
47924	68107	ZINC	5	261.2	357.7
47925	68107	ZINC	4	241.9	307.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47926	68107	ZINC	4	166.3	175.2
47927	68107	ZINC	4	312.7	400.1
47928	68107	ZINC	4	113.3	140.7
47929	68107	ZINC	3	322.6	448.1
47930	68107	ZINC	4	363.6	545.0
47931	68107	ZINC	5	230.5	538.9
47933	68107	ZINC	4	173.2	226.7
47934	68107	ZINC	4	267.5	393.0
47935	68107	ZINC	4	210.1	310.1
47936	68107	ZINC	4	359.9	409.7
47937	68107	ZINC	4	322.2	370.2
47938	68107	ZINC	4	471.0	766.0
47939	68107	ZINC	4	297.1	371.6
47942	68107	ZINC	4	335.2	377.3
47943	68107	ZINC	4	245.0	320.8
47944	68107	ZINC	4	568.2	936.9
47945	68107	ZINC	4	260.9	408.6
47946	68107	ZINC	4	102.1	112.5
47947	68107	ZINC	4	168.8	327.1
47950	68107	ZINC	4	241.7	263.3
47951	68107	ZINC	4	213.6	468.2
47952	68107	ZINC	4	379.0	428.8
47953	68107	ZINC	4	270.6	335.4
47954	68107	ZINC	4	233.7	313.5
47956	68107	ZINC	2	689.3	738.3
47957	68107	ZINC	5	145.0	152.3
47960	68107	ZINC	5	164.6	246.4
47961	68107	ZINC	4	138.1	238.5
47962	68107	ZINC	3	253.5	294.5
47963	68107	ZINC	4	374.1	550.4
47964	68107	ZINC	4	222.9	283.3
47965	68107	ZINC	4	253.0	346.1
47966	68107	ZINC	4	93.4	107.5
47967	68107	ZINC	4	264.3	391.5
47968	68107	ZINC	4	252.6	356.5
47969	68107	ZINC	5	359.3	954.5
47971	68107	ZINC	5	302.8	695.5
47972	68107	ZINC	4	280.0	455.0
47975	68107	ZINC	4	214.2	321.6
47977	68107	ZINC	4	446.7	976.6
47979	68107	ZINC	5	362.4	659.9
47981	68107	ZINC	4	274.9	390.0
47984	68107	ZINC	4	143.4	201.0
47985	68107	ZINC	5	326.7	410.2
47986	68107	ZINC	4	198.4	482.0
47987	68107	ZINC	4	364.2	554.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
47988	68107	ZINC	4	304.0	456.2
47989	68107	ZINC	4	152.0	211.7
47990	68107	ZINC	4	109.3	136.2
47991	68107	ZINC	4	183.4	245.1
47992	68107	ZINC	3	392.0	484.4
47994	68107	ZINC	4	191.0	222.4
47996	68107	ZINC	3	206.6	260.6
47997	68107	ZINC	4	195.5	278.7
48002	68107	ZINC	4	273.5	436.4
48003	68107	ZINC	4	176.1	184.7
48005	68107	ZINC	3	370.0	416.6
48006	68107	ZINC	5	288.2	355.3
48007	68107	ZINC	4	464.3	589.2
48009	68107	ZINC	4	289.8	414.1
48014	68107	ZINC	4	168.5	207.0
48015	68107	ZINC	5	398.1	720.8
48016	68107	ZINC	5	313.2	508.0
48018	68107	ZINC	4	223.7	363.1
48019	68107	ZINC	1	425.2	425.2
48020	68107	ZINC	4	348.8	510.5
48021	68107	ZINC	4	334.8	493.1
48026	68107	ZINC	4	325.9	446.1
48030	68107	ZINC	4	171.2	289.2
48031	68107	ZINC	4	220.1	268.9
48033	68107	ZINC	4	236.4	302.5
48035	68107	ZINC	5	236.2	408.9
48036	68107	ZINC	4	103.2	136.1
48037	68107	ZINC	5	204.3	284.5
48038	68107	ZINC	5	339.5	399.9
48039	68107	ZINC	4	427.5	618.2
48040	68107	ZINC	5	198.6	233.7
48041	68107	ZINC	4	262.0	407.6
48043	68107	ZINC	5	322.5	543.4
48044	68107	ZINC	4	305.5	419.5
48045	68107	ZINC	4	366.0	457.7
48046	68107	ZINC	4	204.1	260.0
48048	68107	ZINC	4	319.1	517.0
48049	68107	ZINC	4	209.8	272.8
48050	68107	ZINC	4	175.5	192.1
48051	68107	ZINC	2	167.6	186.8
48052	68107	ZINC	4	274.2	439.8
48053	68107	ZINC	5	372.3	748.0
48054	68107	ZINC	4	176.6	227.9
48055	68107	ZINC	4	336.2	630.9
48056	68107	ZINC	2	305.7	484.0
48057	68107	ZINC	4	546.4	940.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48058	68107	ZINC	3	468.3	745.3
48060	68107	ZINC	5	199.9	313.6
48061	68107	ZINC	4	306.9	440.8
48062	68107	ZINC	4	253.6	350.4
48064	68107	ZINC	4	223.3	313.5
48065	68107	ZINC	4	108.7	127.1
48066	68107	ZINC	4	253.4	327.8
48067	68107	ZINC	4	306.9	422.8
48068	68107	ZINC	5	214.3	308.7
48069	68107	ZINC	4	164.8	198.3
48071	68107	ZINC	5	358.5	545.4
48072	68107	ZINC	4	262.5	304.7
48073	68107	ZINC	1	223.3	223.3
48074	68107	ZINC	5	274.3	538.3
48078	68107	ZINC	4	355.3	437.9
48080	68107	ZINC	4	429.3	680.4
48082	68107	ZINC	5	266.3	445.8
48083	68107	ZINC	4	233.0	299.2
48085	68107	ZINC	4	337.8	426.3
48088	68107	ZINC	4	246.8	470.0
48090	68107	ZINC	3	290.4	384.9
48091	68107	ZINC	4	283.0	404.0
48092	68107	ZINC	4	213.3	279.7
48093	68107	ZINC	4	126.3	137.2
48096	68107	ZINC	4	234.1	329.5
48097	68107	ZINC	4	228.4	312.8
48098	68107	ZINC	3	253.5	362.8
48099	68107	ZINC	4	248.1	280.9
48100	68107	ZINC	1	98.7	98.7
48101	68107	ZINC	6	180.9	252.9
48102	68107	ZINC	4	212.1	318.5
48107	68107	ZINC	4	227.7	294.7
48108	68107	ZINC	4	232.9	310.5
48109	68107	ZINC	4	141.0	183.7
48110	68107	ZINC	5	258.1	338.4
48113	68107	ZINC	4	293.7	463.8
48115	68107	ZINC	4	249.9	286.9
48116	68107	ZINC	4	240.2	286.3
48117	68107	ZINC	5	247.7	405.8
48118	68107	ZINC	4	366.4	657.4
48120	68107	ZINC	4	253.9	301.9
48121	68107	ZINC	4	168.7	259.8
48122	68107	ZINC	4	106.0	176.3
48124	68107	ZINC	5	283.8	485.8
48125	68107	ZINC	2	150.2	157.5
48126	68107	ZINC	2	178.5	189.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48127	68107	ZINC	4	125.4	162.6
48128	68107	ZINC	4	198.8	266.1
48129	68107	ZINC	4	310.2	495.9
48131	68107	ZINC	4	323.0	568.7
48133	68107	ZINC	4	356.1	450.0
48135	68107	ZINC	4	233.5	289.5
48138	68107	ZINC	4	259.7	316.4
48139	68107	ZINC	4	118.8	198.3
48140	68107	ZINC	4	177.9	237.1
48141	68107	ZINC	4	198.0	299.3
48142	68107	ZINC	4	344.8	591.8
48143	68107	ZINC	4	193.7	208.3
48144	68107	ZINC	6	107.4	142.9
48146	68107	ZINC	3	360.6	704.3
48147	68107	ZINC	5	299.4	432.8
48148	68107	ZINC	5	265.1	478.7
48149	68107	ZINC	3	367.4	712.8
48150	68107	ZINC	4	233.8	315.0
48152	68107	ZINC	3	176.3	219.4
48153	68107	ZINC	5	159.0	169.9
48154	68107	ZINC	4	164.6	380.9
48159	68107	ZINC	4	191.8	233.4
48163	68107	ZINC	4	221.4	422.2
48164	68107	ZINC	4	195.2	249.9
48165	68107	ZINC	4	354.8	472.6
48167	68107	ZINC	4	306.2	385.0
48168	68107	ZINC	5	141.2	183.2
48170	68107	ZINC	3	232.4	273.0
48171	68107	ZINC	5	265.3	363.2
48174	68107	ZINC	4	272.5	343.0
48175	68107	ZINC	3	297.4	379.0
48176	68107	ZINC	4	262.7	359.2
48179	68107	ZINC	4	174.0	182.1
48180	68107	ZINC	4	209.5	312.3
48181	68107	ZINC	4	221.2	267.7
48182	68107	ZINC	4	234.7	281.6
48183	68107	ZINC	4	302.8	385.4
48184	68107	ZINC	4	316.5	368.3
48185	68107	ZINC	4	175.4	211.5
48189	68107	ZINC	4	180.6	235.8
48191	68107	ZINC	5	184.6	251.7
48193	68107	ZINC	3	275.2	430.0
48194	68107	ZINC	4	155.6	168.1
48195	68107	ZINC	4	262.9	372.8
48196	68107	ZINC	4	279.9	376.4
48199	68107	ZINC	4	103.5	111.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48200	68107	ZINC	4	228.6	311.4
48202	68107	ZINC	6	129.0	190.4
48205	68107	ZINC	4	279.2	510.8
48206	68107	ZINC	5	324.9	488.8
48208	68107	ZINC	5	235.3	306.7
48210	68107	ZINC	3	108.4	177.5
48211	68107	ZINC	5	198.5	250.0
48214	68107	ZINC	3	236.9	329.2
48215	68107	ZINC	5	240.6	295.1
48216	68107	ZINC	4	272.1	414.3
48219	68107	ZINC	4	128.1	174.7
48221	68107	ZINC	5	271.1	335.4
48222	68107	ZINC	4	163.4	210.6
48223	68107	ZINC	4	369.4	441.8
48224	68107	ZINC	3	234.7	286.1
48225	68107	ZINC	4	333.4	454.0
48226	68107	ZINC	4	195.1	240.7
48227	68107	ZINC	4	236.7	266.6
48232	68107	ZINC	5	253.6	334.2
48233	68107	ZINC	4	196.3	217.9
48234	68107	ZINC	4	120.4	221.8
48235	68107	ZINC	4	127.7	224.9
48236	68107	ZINC	4	149.4	172.5
48237	68107	ZINC	4	281.9	407.5
48239	68107	ZINC	4	335.4	656.7
48240	68107	ZINC	5	309.9	550.4
48241	68107	ZINC	4	218.8	272.2
48242	68107	ZINC	3	235.7	264.3
48244	68107	ZINC	2	161.7	167.6
48245	68107	ZINC	5	382.1	529.4
48248	68107	ZINC	4	466.5	584.0
48249	68107	ZINC	4	328.9	595.4
48250	68107	ZINC	4	137.4	169.1
48251	68107	ZINC	5	275.0	310.5
48254	68107	ZINC	2	290.0	318.5
48255	68107	ZINC	3	499.7	759.9
48257	68107	ZINC	5	182.1	322.8
48258	68107	ZINC	5	265.6	335.4
48260	68107	ZINC	4	191.6	308.9
48261	68107	ZINC	4	273.1	396.0
48266	68107	ZINC	5	342.4	412.1
48267	68107	ZINC	4	103.5	116.5
48269	68107	ZINC	4	242.1	368.1
48270	68107	ZINC	4	117.1	130.7
48271	68107	ZINC	4	223.7	298.0
48272	68107	ZINC	4	156.3	182.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48275	68107	ZINC	4	330.7	443.4
48276	68107	ZINC	4	235.9	265.1
48277	68107	ZINC	4	193.3	229.8
48279	68107	ZINC	4	236.5	422.6
48280	68107	ZINC	3	241.8	244.2
48281	68107	ZINC	4	272.1	367.9
48282	68107	ZINC	5	222.1	291.3
48283	68107	ZINC	4	191.8	278.3
48285	68107	ZINC	4	323.0	387.6
48286	68107	ZINC	5	223.3	273.3
48287	68107	ZINC	5	230.6	374.0
48289	68107	ZINC	4	213.5	319.4
48292	68107	ZINC	4	276.8	372.8
48293	68107	ZINC	5	238.3	323.2
48295	68107	ZINC	5	137.7	221.5
48296	68107	ZINC	4	142.0	196.4
48297	68107	ZINC	4	377.3	550.4
48299	68107	ZINC	4	499.2	1633.1
48300	68107	ZINC	5	173.4	243.7
48302	68107	ZINC	4	223.8	265.3
48305	68107	ZINC	4	553.5	884.0
48308	68107	ZINC	4	398.5	518.9
48309	68107	ZINC	4	146.4	242.1
48310	68107	ZINC	6	117.8	158.6
48311	68107	ZINC	4	164.3	203.7
48312	68107	ZINC	4	348.5	635.2
48313	68107	ZINC	4	240.0	257.5
48314	68107	ZINC	4	163.1	207.6
48315	68107	ZINC	4	357.7	481.4
48317	68107	ZINC	5	212.6	292.3
48319	68107	ZINC	4	226.9	284.2
48320	68107	ZINC	4	258.3	432.6
48324	68107	ZINC	4	340.3	482.3
48327	68107	ZINC	4	192.9	233.1
48328	68107	ZINC	4	438.1	664.1
48331	68107	ZINC	4	200.6	233.0
48332	68107	ZINC	4	90.9	128.6
48334	68107	ZINC	4	453.7	523.8
48335	68107	ZINC	4	143.8	217.8
48336	68107	ZINC	3	273.1	332.2
48338	68107	ZINC	4	168.5	213.5
48340	68107	ZINC	5	237.9	320.3
48341	68107	ZINC	5	181.3	330.8
48342	68107	ZINC	3	241.2	346.9
48343	68107	ZINC	4	199.2	343.6
48345	68107	ZINC	3	242.3	299.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48347	68107	ZINC	4	236.7	302.7
48349	68107	ZINC	4	225.6	293.5
48350	68107	ZINC	5	186.3	315.6
48352	68107	ZINC	4	113.3	147.9
48353	68107	ZINC	5	244.3	298.0
48354	68107	ZINC	4	187.0	225.9
48359	68107	ZINC	4	201.7	235.0
48361	68107	ZINC	4	197.8	295.9
48363	68107	ZINC	4	225.2	263.6
48364	68107	ZINC	4	284.4	441.1
48367	68107	ZINC	2	271.3	320.6
48368	68107	ZINC	4	231.2	301.2
48369	68107	ZINC	5	159.9	188.5
48373	68107	ZINC	4	368.8	494.3
48378	68107	ZINC	4	177.9	200.6
48379	68107	ZINC	4	137.8	142.3
48380	68107	ZINC	5	220.7	248.2
48382	68107	ZINC	4	220.1	325.6
48383	68107	ZINC	4	189.1	261.3
48384	68107	ZINC	4	305.8	583.2
48385	68107	ZINC	4	294.1	385.9
48386	68107	ZINC	4	185.4	209.2
48387	68107	ZINC	5	179.1	229.3
48389	68107	ZINC	4	187.9	241.1
48390	68107	ZINC	4	460.1	819.6
48391	68107	ZINC	4	166.6	197.0
48392	68107	ZINC	4	128.3	142.6
48393	68107	ZINC	4	290.0	384.6
48395	68107	ZINC	4	188.4	271.6
48397	68107	ZINC	4	225.5	251.3
48400	68107	ZINC	4	195.3	320.7
48402	68107	ZINC	4	202.7	250.7
48404	68107	ZINC	3	292.7	363.7
48405	68107	ZINC	4	308.6	406.1
48406	68107	ZINC	4	290.5	355.7
48407	68107	ZINC	5	138.0	167.1
48408	68107	ZINC	4	230.9	282.2
48409	68107	ZINC	4	158.7	227.5
48410	68107	ZINC	3	161.6	166.1
48411	68107	ZINC	5	271.4	345.0
48413	68107	ZINC	4	269.7	432.0
48416	68107	ZINC	5	229.9	439.0
48417	68107	ZINC	4	281.7	325.2
48418	68107	ZINC	4	243.5	342.5
48419	68107	ZINC	4	110.1	160.6
48423	68107	ZINC	3	334.2	357.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48424	68107	ZINC	5	113.2	185.6
48425	68107	ZINC	4	266.0	460.0
48426	68107	ZINC	3	538.6	864.5
48427	68107	ZINC	4	331.2	468.0
48428	68107	ZINC	4	162.6	300.5
48430	68107	ZINC	4	219.3	254.4
48431	68107	ZINC	4	252.0	368.2
48432	68107	ZINC	5	201.9	325.5
48433	68107	ZINC	2	366.1	529.4
48434	68107	ZINC	4	232.5	319.0
48435	68107	ZINC	4	303.3	407.4
48437	68107	ZINC	4	266.7	331.4
48438	68107	ZINC	5	110.3	159.6
48439	68107	ZINC	2	322.6	331.6
48441	68107	ZINC	5	267.3	356.2
48442	68107	ZINC	3	144.6	197.4
48444	68107	ZINC	4	511.5	637.9
48446	68107	ZINC	3	280.2	282.9
48447	68107	ZINC	4	344.9	584.5
48451	68107	ZINC	4	854.6	1610.0
48452	68107	ZINC	4	219.8	248.6
48455	68107	ZINC	4	142.9	170.7
48456	68107	ZINC	4	243.7	337.2
48457	68107	ZINC	4	248.7	292.8
48459	68107	ZINC	3	435.0	639.6
48460	68107	ZINC	5	210.6	396.4
48461	68107	ZINC	4	368.0	1021.8
48463	68107	ZINC	4	225.5	250.0
48464	68107	ZINC	4	194.0	253.9
48466	68107	ZINC	4	168.5	246.4
48467	68107	ZINC	4	311.4	435.1
48468	68107	ZINC	4	320.3	447.5
48469	68107	ZINC	6	191.3	253.8
48470	68107	ZINC	4	113.6	143.2
48471	68107	ZINC	4	156.9	175.0
48472	68107	ZINC	4	184.8	268.3
48474	68107	ZINC	4	222.0	273.1
48476	68107	ZINC	5	194.6	332.6
48477	68107	ZINC	4	248.8	328.4
48479	68107	ZINC	4	263.1	399.6
48480	68107	ZINC	3	224.5	280.6
48481	68107	ZINC	4	328.0	361.4
48482	68107	ZINC	4	83.2	126.6
48484	68107	ZINC	2	220.7	237.1
48485	68107	ZINC	4	162.9	230.0
48487	68107	ZINC	5	249.9	300.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48489	68107	ZINC	4	323.9	603.3
48490	68107	ZINC	5	180.2	286.4
48492	68107	ZINC	3	629.7	712.5
48493	68107	ZINC	4	235.5	299.1
48494	68107	ZINC	5	179.1	376.0
48495	68107	ZINC	4	270.3	384.1
48496	68107	ZINC	4	379.7	672.6
48497	68107	ZINC	4	161.1	222.9
48499	68107	ZINC	6	174.4	230.0
48500	68107	ZINC	4	194.5	289.4
48501	68107	ZINC	5	164.1	321.2
48502	68107	ZINC	4	276.2	305.7
48503	68107	ZINC	4	244.8	296.6
48505	68107	ZINC	4	178.0	236.4
48506	68107	ZINC	4	296.6	351.3
48507	68107	ZINC	4	180.4	274.0
48508	68107	ZINC	5	160.9	197.1
48510	68107	ZINC	4	191.8	246.9
48511	68107	ZINC	4	218.6	292.6
48512	68107	ZINC	2	481.0	498.7
48513	68107	ZINC	4	165.8	234.2
48514	68107	ZINC	4	201.7	314.1
48515	68107	ZINC	4	178.1	228.5
48517	68107	ZINC	5	107.4	149.8
48519	68107	ZINC	5	171.1	250.4
48523	68107	ZINC	3	246.2	262.4
48525	68107	ZINC	4	364.1	437.7
48526	68107	ZINC	1	493.3	493.3
48529	68107	ZINC	5	273.9	365.5
48530	68107	ZINC	4	200.1	295.3
48531	68107	ZINC	4	201.1	267.5
48532	68107	ZINC	4	187.6	197.3
48533	68107	ZINC	4	153.9	242.7
48534	68107	ZINC	4	211.5	330.9
48538	68107	ZINC	5	172.6	222.7
48539	68107	ZINC	4	203.9	212.1
48540	68107	ZINC	4	204.3	254.8
48541	68107	ZINC	4	590.2	1023.1
48542	68107	ZINC	2	150.6	160.1
48543	68107	ZINC	4	146.9	154.7
48544	68107	ZINC	3	339.7	445.9
48545	68107	ZINC	4	233.8	348.6
48546	68107	ZINC	5	389.9	473.3
48547	68107	ZINC	5	504.4	1380.2
48548	68107	ZINC	4	267.1	321.4
48549	68107	ZINC	4	112.5	124.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48550	68107	ZINC	5	154.0	239.3
48551	68107	ZINC	4	303.0	386.4
48552	68107	ZINC	4	70.0	94.0
48553	68107	ZINC	4	236.0	286.6
48554	68107	ZINC	3	188.5	192.9
48555	68107	ZINC	3	161.6	173.9
48556	68107	ZINC	4	209.3	254.3
48557	68107	ZINC	4	226.4	303.4
48558	68107	ZINC	4	168.4	239.3
48559	68107	ZINC	3	385.7	490.5
48560	68107	ZINC	4	171.4	217.1
48561	68107	ZINC	4	185.6	323.2
48563	68107	ZINC	5	95.8	112.9
48564	68107	ZINC	4	169.2	244.5
48565	68107	ZINC	4	111.2	128.1
48566	68107	ZINC	4	139.4	153.0
48567	68107	ZINC	4	146.9	157.2
48568	68107	ZINC	4	158.4	171.9
48569	68107	ZINC	5	193.8	270.4
48570	68107	ZINC	4	177.5	279.5
48571	68107	ZINC	4	173.2	244.6
48572	68107	ZINC	3	281.0	420.9
48573	68107	ZINC	5	106.4	138.8
48574	68107	ZINC	4	224.2	282.5
48576	68107	ZINC	4	161.2	243.2
48577	68107	ZINC	4	144.9	165.2
48578	68107	ZINC	4	133.9	176.9
48580	68107	ZINC	5	165.1	211.9
48581	68107	ZINC	5	242.2	434.6
48582	68107	ZINC	4	139.9	156.1
48583	68107	ZINC	3	214.3	253.0
48584	68107	ZINC	5	301.4	376.3
48586	68107	ZINC	4	226.6	266.5
48587	68107	ZINC	4	332.7	494.4
48588	68107	ZINC	4	124.3	178.9
48589	68107	ZINC	4	182.4	231.0
48590	68107	ZINC	4	151.6	164.6
48593	68107	ZINC	4	275.6	415.0
48594	68107	ZINC	4	221.3	274.5
48596	68107	ZINC	4	164.0	172.6
48599	68107	ZINC	2	252.1	306.0
48600	68107	ZINC	4	215.7	272.4
48602	68107	ZINC	4	214.5	308.0
48604	68107	ZINC	4	125.8	131.8
48606	68107	ZINC	4	185.0	245.1
48607	68107	ZINC	4	457.6	819.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48610	68107	ZINC	4	410.3	688.0
48611	68107	ZINC	4	242.7	254.8
48612	68107	ZINC	3	226.8	258.0
48613	68107	ZINC	6	237.0	445.6
48614	68107	ZINC	5	222.7	274.0
48615	68107	ZINC	4	130.9	159.7
48616	68107	ZINC	4	231.5	269.0
48618	68107	ZINC	5	67.3	108.4
48619	68107	ZINC	4	118.3	169.8
48620	68107	ZINC	4	159.3	217.9
48621	68107	ZINC	4	158.3	175.3
48622	68107	ZINC	5	234.7	400.4
48623	68107	ZINC	4	270.4	319.2
48625	68107	ZINC	4	318.2	447.0
48626	68107	ZINC	5	237.6	432.0
48627	68107	ZINC	4	406.1	586.8
48628	68107	ZINC	4	162.0	181.5
48632	68107	ZINC	5	221.5	267.1
48633	68107	ZINC	5	215.5	281.6
48634	68107	ZINC	5	221.1	277.4
48635	68107	ZINC	4	358.9	419.9
48636	68107	ZINC	4	238.0	249.0
48637	68107	ZINC	4	165.8	182.9
48638	68107	ZINC	4	143.8	158.9
48639	68107	ZINC	4	107.4	125.5
48640	68107	ZINC	5	389.8	584.4
48641	68107	ZINC	3	93.5	101.3
48642	68107	ZINC	4	129.6	147.6
48643	68107	ZINC	4	271.6	344.0
48647	68107	ZINC	4	345.3	489.4
48649	68107	ZINC	4	200.5	364.6
48651	68107	ZINC	5	139.6	184.7
48652	68107	ZINC	4	239.6	305.8
48654	68107	ZINC	4	382.8	686.0
48655	68107	ZINC	3	219.8	303.6
48656	68107	ZINC	4	184.9	204.2
48659	68107	ZINC	4	142.8	206.9
48661	68107	ZINC	4	212.8	442.7
48662	68107	ZINC	4	266.8	364.8
48663	68107	ZINC	4	210.1	278.5
48667	68107	ZINC	4	193.2	279.9
48668	68107	ZINC	5	158.8	198.1
48670	68107	ZINC	4	178.6	255.6
48671	68107	ZINC	4	206.2	273.6
48672	68107	ZINC	5	163.2	202.6
48674	68107	ZINC	4	155.5	173.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48675	68107	ZINC	4	100.0	143.6
48676	68107	ZINC	4	133.8	238.8
48677	68107	ZINC	4	123.1	174.5
48679	68107	ZINC	3	653.4	870.8
48680	68107	ZINC	6	314.1	459.1
48681	68107	ZINC	4	231.4	384.3
48682	68107	ZINC	4	151.0	192.1
48684	68107	ZINC	4	307.9	522.7
48685	68107	ZINC	5	130.1	153.9
48687	68107	ZINC	5	132.1	164.3
48689	68107	ZINC	4	103.0	167.4
48691	68107	ZINC	4	187.1	213.3
48693	68107	ZINC	5	182.0	435.1
48694	68107	ZINC	4	302.1	416.6
48695	68107	ZINC	6	209.7	292.2
48696	68107	ZINC	4	172.9	245.5
48697	68107	ZINC	3	223.5	246.2
48698	68107	ZINC	5	240.7	523.6
48699	68107	ZINC	4	218.0	334.1
48701	68107	ZINC	5	287.5	620.8
48702	68107	ZINC	4	337.4	662.9
48703	68107	ZINC	5	298.3	432.6
48705	68107	ZINC	4	423.3	587.7
48708	68107	ZINC	4	370.2	446.4
48710	68107	ZINC	3	315.5	591.8
48711	68107	ZINC	4	177.7	197.2
48715	68107	ZINC	4	538.0	611.3
48718	68107	ZINC	4	607.9	918.0
48719	68107	ZINC	4	784.3	1441.0
48720	68107	ZINC	4	262.2	488.1
48721	68107	ZINC	4	506.0	1083.5
48722	68107	ZINC	4	243.8	403.8
48723	68107	ZINC	4	281.3	389.7
48724	68107	ZINC	3	313.1	359.4
48725	68107	ZINC	5	211.8	332.5
48726	68107	ZINC	4	338.4	551.2
48727	68107	ZINC	4	282.8	355.2
48728	68107	ZINC	4	170.9	212.8
48731	68107	ZINC	4	185.5	283.8
48732	68107	ZINC	3	255.1	335.1
48733	68107	ZINC	2	139.9	161.8
48734	68107	ZINC	4	277.1	363.9
48736	68107	ZINC	4	246.5	377.0
48737	68107	ZINC	4	232.1	359.9
48738	68107	ZINC	4	360.6	577.1
48739	68107	ZINC	2	325.8	360.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48741	68107	ZINC	5	234.9	364.9
48743	68107	ZINC	2	357.3	493.9
48744	68107	ZINC	6	165.5	206.3
48745	68107	ZINC	4	356.9	613.6
48746	68107	ZINC	4	286.5	541.6
48747	68107	ZINC	3	350.5	440.0
48748	68107	ZINC	4	161.5	293.6
48750	68107	ZINC	4	337.7	651.2
48751	68107	ZINC	4	448.4	838.4
48752	68107	ZINC	5	107.4	181.9
48753	68107	ZINC	4	195.9	277.5
48754	68107	ZINC	6	138.1	183.2
48755	68107	ZINC	5	245.4	344.9
48757	68107	ZINC	4	208.5	321.6
48758	68107	ZINC	4	363.1	462.0
48759	68107	ZINC	4	161.7	198.2
48760	68107	ZINC	5	165.6	219.7
48762	68107	ZINC	5	217.2	307.5
48764	68107	ZINC	4	336.4	493.8
48765	68107	ZINC	4	195.9	285.9
48766	68107	ZINC	3	243.6	296.8
48767	68107	ZINC	4	378.0	835.9
48768	68107	ZINC	4	168.9	221.5
48771	68107	ZINC	4	150.7	190.4
48772	68107	ZINC	5	144.0	188.6
48773	68107	ZINC	4	258.7	297.9
48774	68107	ZINC	4	201.1	227.0
48775	68107	ZINC	4	194.8	235.1
48776	68107	ZINC	4	680.9	1578.0
48777	68107	ZINC	5	161.7	199.1
48778	68107	ZINC	1	255.6	255.6
48779	68107	ZINC	3	597.6	1107.9
48780	68107	ZINC	4	192.2	212.4
48782	68107	ZINC	2	278.9	302.1
48783	68107	ZINC	5	198.0	280.6
48784	68107	ZINC	4	183.9	219.3
48785	68107	ZINC	4	230.4	266.6
48786	68107	ZINC	4	181.6	232.3
48791	68107	ZINC	3	321.3	383.9
48795	68107	ZINC	2	209.0	214.3
48796	68107	ZINC	4	415.9	596.5
48797	68107	ZINC	4	261.8	512.6
48798	68107	ZINC	5	219.9	284.0
48799	68107	ZINC	4	166.7	272.2
48800	68107	ZINC	4	144.7	165.8
48801	68107	ZINC	4	285.7	432.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48803	68107	ZINC	4	124.0	182.7
48804	68107	ZINC	5	188.8	299.2
48805	68107	ZINC	4	178.5	213.1
48806	68107	ZINC	4	254.4	315.6
48807	68107	ZINC	4	123.4	164.8
48810	68107	ZINC	4	162.9	180.9
48811	68107	ZINC	4	228.1	282.1
48813	68107	ZINC	4	313.4	473.1
48814	68107	ZINC	5	119.6	166.6
48815	68107	ZINC	5	175.7	223.6
48816	68107	ZINC	4	137.8	149.4
48817	68107	ZINC	5	156.4	203.0
48818	68107	ZINC	4	262.9	337.2
48819	68107	ZINC	5	376.5	547.3
48820	68107	ZINC	2	156.6	163.0
48821	68107	ZINC	4	190.9	371.0
48822	68107	ZINC	4	466.5	797.4
48823	68107	ZINC	4	219.8	313.7
48824	68107	ZINC	4	166.0	185.6
48825	68107	ZINC	4	314.2	405.3
48826	68107	ZINC	4	210.9	288.4
48827	68107	ZINC	6	221.2	443.8
48830	68107	ZINC	5	184.0	248.1
48831	68107	ZINC	5	207.5	257.6
48832	68107	ZINC	4	224.1	322.0
48833	68107	ZINC	4	200.6	272.2
48835	68107	ZINC	5	187.5	282.0
48836	68107	ZINC	4	211.0	263.0
48837	68107	ZINC	4	173.2	221.1
48838	68107	ZINC	5	280.4	500.7
48839	68107	ZINC	3	257.3	439.4
48840	68107	ZINC	6	66.1	125.9
48841	68107	ZINC	6	218.9	334.9
48844	68107	ZINC	4	133.3	148.7
48846	68107	ZINC	4	187.4	237.4
48847	68107	ZINC	5	229.1	309.3
48848	68107	ZINC	3	161.2	178.1
48850	68107	ZINC	4	239.4	295.9
48851	68107	ZINC	5	299.6	572.2
48852	68107	ZINC	5	147.0	186.3
48853	68107	ZINC	4	219.9	259.3
48854	68107	ZINC	4	164.5	188.5
48855	68107	ZINC	4	294.6	374.6
48856	68107	ZINC	5	438.4	578.3
48857	68107	ZINC	3	308.3	321.5
48858	68107	ZINC	4	280.0	320.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48860	68107	ZINC	2	115.7	123.7
48861	68107	ZINC	4	63.1	120.0
48862	68107	ZINC	4	171.3	216.6
48864	68107	ZINC	4	184.0	215.9
48867	68107	ZINC	4	141.8	165.4
48868	68107	ZINC	4	201.7	293.8
48869	68107	ZINC	4	177.9	181.4
48871	68107	ZINC	4	297.4	574.0
48872	68107	ZINC	4	134.6	177.4
48873	68107	ZINC	5	255.7	665.7
48874	68107	ZINC	4	167.0	226.5
48875	68107	ZINC	4	120.1	173.8
48876	68107	ZINC	4	124.9	133.4
48878	68107	ZINC	4	189.2	317.1
48879	68107	ZINC	4	172.2	197.3
48881	68107	ZINC	4	204.6	300.3
48883	68107	ZINC	5	113.7	190.9
48884	68107	ZINC	4	189.4	229.1
48885	68107	ZINC	6	177.8	240.5
48886	68107	ZINC	4	193.9	276.8
48887	68107	ZINC	4	283.4	353.8
48888	68107	ZINC	4	343.9	487.9
48889	68107	ZINC	4	412.7	753.1
48892	68107	ZINC	5	171.9	218.2
48893	68107	ZINC	4	270.9	365.8
48897	68107	ZINC	4	184.1	298.6
48898	68107	ZINC	4	125.5	155.5
48899	68107	ZINC	5	353.2	572.5
48900	68107	ZINC	4	154.9	179.3
48901	68107	ZINC	4	221.5	377.8
48902	68107	ZINC	4	161.2	197.5
48903	68107	ZINC	4	245.4	279.6
48904	68107	ZINC	5	213.7	268.6
48905	68107	ZINC	4	245.9	308.7
48906	68107	ZINC	4	112.2	126.8
48907	68107	ZINC	4	263.3	428.0
48908	68107	ZINC	3	166.0	186.9
48910	68107	ZINC	4	208.6	295.4
48914	68107	ZINC	4	236.6	444.9
48916	68107	ZINC	4	230.1	389.0
48917	68107	ZINC	4	307.7	354.8
48920	68107	ZINC	4	158.3	186.9
48921	68107	ZINC	4	238.5	347.3
48923	68107	ZINC	4	260.9	398.6
48925	68107	ZINC	4	232.2	322.2
48926	68107	ZINC	2	330.5	363.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48927	68107	ZINC	4	520.8	753.1
48929	68107	ZINC	4	210.4	257.4
48931	68107	ZINC	4	376.8	866.7
48932	68107	ZINC	5	180.3	282.5
48935	68107	ZINC	4	205.0	229.1
48936	68107	ZINC	4	127.3	159.5
48937	68107	ZINC	4	291.6	332.1
48939	68107	ZINC	4	619.2	1251.1
48941	68107	ZINC	4	256.9	407.8
48943	68107	ZINC	4	247.1	281.6
48944	68107	ZINC	5	182.6	256.4
48946	68107	ZINC	5	255.8	442.3
48948	68107	ZINC	4	174.3	204.5
48949	68107	ZINC	4	192.6	222.5
48952	68107	ZINC	4	209.5	254.0
48953	68107	ZINC	4	121.7	149.7
48954	68107	ZINC	5	166.0	194.6
48956	68107	ZINC	3	269.0	320.9
48958	68107	ZINC	4	670.4	1413.2
48959	68107	ZINC	4	233.1	325.8
48962	68107	ZINC	4	249.0	348.0
48963	68107	ZINC	4	228.1	307.0
48964	68107	ZINC	4	269.1	497.0
48965	68107	ZINC	4	217.0	356.2
48968	68107	ZINC	4	427.6	535.6
48969	68107	ZINC	4	281.4	346.9
48971	68107	ZINC	4	197.2	230.5
48972	68107	ZINC	4	251.5	308.7
48973	68107	ZINC	5	420.4	868.4
48974	68107	ZINC	4	215.6	276.5
48975	68107	ZINC	4	268.3	410.3
48976	68107	ZINC	5	157.7	186.9
48977	68107	ZINC	4	291.8	347.6
48978	68107	ZINC	4	305.4	508.0
48981	68107	ZINC	4	171.6	199.5
48982	68107	ZINC	4	179.4	258.9
48983	68107	ZINC	5	292.2	377.0
48984	68107	ZINC	4	245.6	326.5
48985	68107	ZINC	5	341.4	601.5
48986	68107	ZINC	4	265.1	292.8
48987	68107	ZINC	4	227.3	325.9
48988	68107	ZINC	4	136.5	155.8
48989	68107	ZINC	4	263.7	413.3
48990	68107	ZINC	4	276.7	588.2
48991	68107	ZINC	5	138.4	269.5
48992	68107	ZINC	4	263.6	359.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
48994	68107	ZINC	3	188.7	220.3
48996	68107	ZINC	4	293.8	449.5
48997	68107	ZINC	4	172.4	213.8
48998	68107	ZINC	5	209.6	292.5
48999	68107	ZINC	3	172.8	239.9
49000	68107	ZINC	4	154.1	213.5
49001	68107	ZINC	4	218.7	414.4
49002	68107	ZINC	4	333.3	460.9
49003	68107	ZINC	4	548.8	1292.4
49006	68107	ZINC	4	99.5	114.3
49007	68107	ZINC	5	272.4	362.9
49008	68107	ZINC	5	92.6	157.3
49009	68107	ZINC	5	166.1	286.3
49012	68107	ZINC	5	170.1	199.0
49013	68107	ZINC	4	275.3	397.0
49014	68107	ZINC	2	181.0	229.0
49015	68107	ZINC	4	453.6	589.4
49016	68107	ZINC	5	223.9	304.1
49017	68107	ZINC	5	217.4	374.6
49018	68107	ZINC	4	124.4	151.9
49019	68107	ZINC	5	246.2	328.2
49020	68107	ZINC	4	186.9	242.3
49022	68107	ZINC	5	219.9	529.5
49023	68107	ZINC	2	228.3	260.3
49026	68107	ZINC	4	289.6	584.3
49027	68107	ZINC	2	389.0	551.5
49030	68107	ZINC	4	311.0	559.8
49031	68107	ZINC	4	267.4	370.3
49032	68107	ZINC	5	165.6	270.5
49033	68107	ZINC	3	217.9	273.6
49035	68107	ZINC	4	246.0	340.4
49036	68107	ZINC	4	156.4	201.0
49037	68107	ZINC	4	252.9	368.4
49038	68107	ZINC	4	225.3	298.0
49040	68107	ZINC	4	287.2	363.0
49042	68107	ZINC	4	385.7	616.0
49044	68107	ZINC	5	159.8	195.4
49046	68107	ZINC	3	357.0	452.9
49048	68107	ZINC	4	254.0	408.5
49050	68107	ZINC	4	173.0	205.9
49052	68107	ZINC	4	354.4	414.1
49053	68107	ZINC	4	361.3	544.7
49054	68107	ZINC	4	268.5	370.7
49055	68107	ZINC	4	107.5	135.3
49056	68107	ZINC	5	239.4	376.0
49058	68107	ZINC	4	390.5	479.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49059	68107	ZINC	6	154.5	180.0
49061	68107	ZINC	4	259.8	406.8
49062	68107	ZINC	4	283.7	572.7
49063	68107	ZINC	4	484.8	886.1
49066	68107	ZINC	4	273.2	331.9
49067	68107	ZINC	3	146.4	187.1
49068	68107	ZINC	4	206.1	378.4
49070	68107	ZINC	3	148.9	157.1
49071	68107	ZINC	4	183.1	234.7
49072	68107	ZINC	4	283.2	289.9
49074	68107	ZINC	4	268.9	371.5
49075	68107	ZINC	4	175.1	234.1
49076	68107	ZINC	4	198.1	269.4
49077	68107	ZINC	2	165.3	223.4
49078	68107	ZINC	4	166.4	321.8
49079	68107	ZINC	4	281.8	542.8
49081	68107	ZINC	5	215.3	311.1
49082	68107	ZINC	4	348.1	433.0
49083	68107	ZINC	4	260.5	355.0
49085	68107	ZINC	5	224.1	309.5
49087	68107	ZINC	4	146.3	193.0
49088	68107	ZINC	4	220.4	344.9
49091	68107	ZINC	4	328.7	341.2
49092	68107	ZINC	3	246.6	303.9
49093	68107	ZINC	3	282.5	404.9
49095	68107	ZINC	4	184.1	232.0
49096	68107	ZINC	4	238.7	475.7
49098	68107	ZINC	4	201.7	269.9
49099	68107	ZINC	4	148.0	246.8
49100	68107	ZINC	5	173.8	221.5
49104	68107	ZINC	3	259.4	471.6
49105	68107	ZINC	3	418.1	481.8
49106	68107	ZINC	2	355.4	367.8
49107	68107	ZINC	4	491.9	974.9
49109	68107	ZINC	4	332.1	504.5
49111	68107	ZINC	2	197.3	206.4
49112	68107	ZINC	4	251.1	346.8
49113	68107	ZINC	6	366.3	495.3
49114	68107	ZINC	4	272.8	327.7
49115	68107	ZINC	4	177.9	220.4
49116	68107	ZINC	5	438.0	761.5
49117	68107	ZINC	3	178.5	228.8
49118	68107	ZINC	5	410.5	1216.2
49119	68107	ZINC	5	251.1	444.4
49120	68107	ZINC	4	522.6	718.2
49121	68107	ZINC	4	325.6	368.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49122	68107	ZINC	4	213.8	289.4
49123	68107	ZINC	4	453.4	607.4
49124	68107	ZINC	4	369.2	597.9
49125	68107	ZINC	2	353.9	483.2
49126	68107	ZINC	4	180.7	188.2
49127	68107	ZINC	5	244.8	306.0
49128	68107	ZINC	2	175.7	175.9
49131	68107	ZINC	3	241.3	345.2
49132	68107	ZINC	4	421.7	453.6
49133	68107	ZINC	5	275.8	346.8
49134	68107	ZINC	4	300.2	441.6
49135	68107	ZINC	4	238.8	316.7
49136	68107	ZINC	4	157.9	176.9
49137	68107	ZINC	3	332.3	498.3
49138	68107	ZINC	4	349.1	504.1
49139	68107	ZINC	5	201.9	240.9
49165	68107	ZINC	4	246.9	457.4
49167	68107	ZINC	4	196.9	293.6
49172	68107	ZINC	4	202.9	266.8
49173	68107	ZINC	3	165.8	201.2
49174	68107	ZINC	4	194.7	317.7
49184	68107	ZINC	4	192.2	233.3
49185	68107	ZINC	3	278.3	443.2
49186	68107	ZINC	3	196.6	203.3
49193	68107	ZINC	4	81.3	87.4
49200	68107	ZINC	4	339.2	672.2
49207	68107	ZINC	4	209.2	218.9
49208	68107	ZINC	4	120.1	161.0
49209	68107	ZINC	6	181.1	324.2
49216	68107	ZINC	4	93.1	101.6
49217	68107	ZINC	5	86.4	162.9
49218	68107	ZINC	5	52.0	77.7
49219	68107	ZINC	5	141.4	271.1
49220	68107	ZINC	5	89.1	200.7
49221	68107	ZINC	4	127.8	143.5
49222	68107	ZINC	5	89.5	263.3
49223	68107	ZINC	5	101.5	130.7
49224	68107	ZINC	5	102.7	131.0
49225	68107	ZINC	5	109.1	151.4
49226	68107	ZINC	5	201.2	435.2
49227	68107	ZINC	5	147.1	367.6
49229	68107	ZINC	4	142.2	200.6
49230	68107	ZINC	4	92.2	136.8
49231	68107	ZINC	5	81.3	220.2
49232	68107	ZINC	5	115.9	265.9
49233	68107	ZINC	5	73.4	167.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49234	68107	ZINC	6	150.6	371.0
49235	68107	ZINC	5	59.5	106.9
49236	68107	ZINC	5	49.6	55.3
49239	68107	ZINC	4	515.0	1185.1
49240	68107	ZINC	3	287.1	348.9
49245	68107	ZINC	4	215.4	385.4
49249	68107	ZINC	4	222.4	316.7
49250	68107	ZINC	4	175.7	209.1
49251	68107	ZINC	4	297.1	421.9
49252	68107	ZINC	5	205.4	269.8
49368	68107	ZINC	4	329.8	443.5
49369	68107	ZINC	4	418.5	538.8
49371	68107	ZINC	4	170.1	235.7
49372	68107	ZINC	4	97.1	110.7
49375	68107	ZINC	4	97.8	130.2
49377	68107	ZINC	3	105.5	125.6
49378	68107	ZINC	3	115.5	136.6
49379	68107	ZINC	4	136.0	181.0
49380	68107	ZINC	4	103.2	118.2
49382	68107	ZINC	3	135.7	159.3
49383	68107	ZINC	5	159.2	193.6
49385	68107	ZINC	3	153.0	201.0
49386	68107	ZINC	4	320.3	915.9
49387	68107	ZINC	4	129.5	150.0
49388	68107	ZINC	4	132.9	175.2
49389	68107	ZINC	4	137.9	178.7
49390	68107	ZINC	4	158.1	251.8
49391	68107	ZINC	5	142.2	199.9
49392	68107	ZINC	4	113.4	121.1
49393	68107	ZINC	4	126.9	147.0
49394	68107	ZINC	4	155.3	189.7
49395	68107	ZINC	3	164.8	242.1
49396	68107	ZINC	3	218.5	259.6
49397	68107	ZINC	3	159.8	183.3
49398	68107	ZINC	4	208.5	312.5
49400	68107	ZINC	4	254.9	499.2
49401	68107	ZINC	4	149.8	163.6
49402	68107	ZINC	3	139.1	143.8
49403	68107	ZINC	3	128.6	146.4
49404	68107	ZINC	5	258.2	409.0
49405	68107	ZINC	4	162.1	250.0
49406	68107	ZINC	4	168.3	329.9
49408	68107	ZINC	2	181.1	184.7
49410	68107	ZINC	4	166.1	214.8
49411	68107	ZINC	4	128.5	135.5
49412	68107	ZINC	3	130.0	135.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49413	68107	ZINC	4	552.6	1424.8
49414	68107	ZINC	2	204.4	282.4
49416	68107	ZINC	4	339.5	738.4
49417	68107	ZINC	4	176.9	207.8
49418	68107	ZINC	3	143.4	174.1
49419	68107	ZINC	2	122.2	126.6
49420	68107	ZINC	4	245.6	513.1
49421	68107	ZINC	3	145.4	149.5
49425	68107	ZINC	3	151.9	198.7
49428	68107	ZINC	2	296.3	299.4
49429	68107	ZINC	4	322.3	569.6
49430	68107	ZINC	3	209.3	258.5
49432	68107	ZINC	2	122.6	152.6
49433	68107	ZINC	4	135.8	225.5
49434	68107	ZINC	3	134.7	201.4
49435	68107	ZINC	4	91.7	129.3
49436	68107	ZINC	5	174.2	223.9
49437	68107	ZINC	2	149.7	159.0
49438	68107	ZINC	3	216.6	346.2
49439	68107	ZINC	3	146.1	179.1
49441	68107	ZINC	4	117.4	145.2
49442	68107	ZINC	2	153.5	162.3
49443	68107	ZINC	3	141.5	173.0
49444	68107	ZINC	3	133.7	179.3
49445	68107	ZINC	3	121.0	139.6
49446	68107	ZINC	6	134.3	177.0
49447	68107	ZINC	4	133.8	157.4
49448	68107	ZINC	4	126.0	173.5
49449	68107	ZINC	2	111.3	128.4
49450	68107	ZINC	2	126.7	136.8
49452	68107	ZINC	4	246.6	409.6
49453	68107	ZINC	3	127.6	150.0
49455	68107	ZINC	4	269.3	321.4
49456	68107	ZINC	4	377.0	615.4
49457	68107	ZINC	4	226.0	243.7
49460	68107	ZINC	5	179.8	227.7
49461	68107	ZINC	5	127.7	156.5
49462	68107	ZINC	4	146.9	167.7
49463	68107	ZINC	2	219.6	274.0
49465	68107	ZINC	4	151.1	184.8
49466	68107	ZINC	3	164.3	169.0
49467	68107	ZINC	4	209.3	293.6
49468	68107	ZINC	4	284.2	616.0
49469	68107	ZINC	4	131.3	177.3
49470	68107	ZINC	4	168.7	213.5
49471	68107	ZINC	4	270.4	419.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49473	68107	ZINC	4	164.1	179.7
49474	68107	ZINC	5	236.3	335.6
49475	68107	ZINC	4	117.7	139.6
49476	68107	ZINC	3	126.9	164.7
49482	68107	ZINC	4	232.6	293.5
50008	68107	ZINC	4	151.8	173.9
50135	68107	ZINC	4	184.6	224.7
50136	68107	ZINC	4	218.7	258.9
50137	68107	ZINC	4	185.8	225.2
50138	68107	ZINC	4	207.0	242.7
50139	68107	ZINC	4	175.6	217.2
50140	68107	ZINC	4	202.7	253.3
50141	68107	ZINC	4	145.3	237.0
50142	68107	ZINC	4	205.3	255.4
50143	68107	ZINC	4	198.3	311.4
50144	68107	ZINC	4	194.7	264.8
50153	68107	ZINC	4	150.4	216.6
50154	68107	ZINC	4	210.0	238.1
50155	68107	ZINC	4	126.2	147.7
50156	68107	ZINC	4	166.1	307.9
50157	68107	ZINC	4	192.6	271.0
50158	68107	ZINC	4	135.3	181.4
50159	68107	ZINC	4	153.7	227.2
50160	68107	ZINC	4	149.5	170.9
50161	68107	ZINC	4	142.6	176.6
50162	68107	ZINC	4	154.4	222.9
50163	68107	ZINC	4	163.9	317.1
50164	68107	ZINC	4	171.0	205.0
50165	68107	ZINC	4	198.5	210.4
50166	68107	ZINC	4	188.7	223.5
50167	68107	ZINC	4	206.6	224.2
50168	68107	ZINC	4	199.6	253.6
50169	68107	ZINC	4	166.4	208.8
50170	68107	ZINC	4	180.5	242.9
50171	68107	ZINC	4	180.4	270.9
50172	68107	ZINC	4	191.2	285.6
50173	68107	ZINC	4	187.6	229.1
50174	68107	ZINC	4	196.2	218.3
50175	68107	ZINC	4	202.2	228.6
50176	68107	ZINC	4	278.0	400.4
50177	68107	ZINC	4	151.1	203.1
50178	68107	ZINC	4	129.2	159.8
50179	68107	ZINC	4	151.1	172.7
50180	68107	ZINC	4	196.7	260.5
50181	68107	ZINC	4	140.8	172.0
50182	68107	ZINC	4	142.5	157.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50183	68107	ZINC	4	153.7	181.7
50184	68107	ZINC	4	153.7	197.4
50185	68107	ZINC	4	148.1	188.7
50186	68107	ZINC	4	133.9	170.2
50187	68107	ZINC	4	159.7	204.4
50188	68107	ZINC	4	175.9	274.7
50189	68107	ZINC	4	192.0	258.6
50190	68107	ZINC	4	124.2	148.4
50191	68107	ZINC	4	137.8	160.7
50192	68107	ZINC	4	152.3	179.2
50193	68107	ZINC	4	153.6	212.0
50194	68107	ZINC	4	190.6	235.6
50195	68107	ZINC	4	172.7	213.6
50196	68107	ZINC	4	126.0	152.8
50197	68107	ZINC	4	151.0	177.5
50198	68107	ZINC	4	146.0	160.0
50199	68107	ZINC	4	184.3	205.6
50200	68107	ZINC	4	161.9	268.8
50201	68107	ZINC	4	160.1	182.2
50202	68107	ZINC	4	126.1	150.5
50203	68107	ZINC	4	173.4	209.2
50204	68107	ZINC	4	201.7	315.9
50205	68107	ZINC	4	133.1	143.0
50206	68107	ZINC	4	144.6	170.2
50207	68107	ZINC	4	147.5	165.0
50208	68107	ZINC	4	115.8	131.8
50209	68107	ZINC	4	131.9	149.8
50210	68107	ZINC	4	155.2	167.4
50211	68107	ZINC	4	158.2	190.8
50212	68107	ZINC	4	156.4	183.3
50213	68107	ZINC	4	128.3	161.4
50214	68107	ZINC	4	125.1	132.3
50215	68107	ZINC	4	159.2	174.4
50216	68107	ZINC	4	151.3	205.5
50217	68107	ZINC	4	145.8	172.4
50218	68107	ZINC	4	136.4	143.8
50219	68107	ZINC	4	142.6	163.7
50220	68107	ZINC	4	133.0	156.5
50221	68107	ZINC	4	140.3	166.7
50222	68107	ZINC	4	153.7	162.8
50223	68107	ZINC	4	150.0	158.9
50224	68107	ZINC	4	149.0	165.7
50225	68107	ZINC	4	167.6	192.3
50226	68107	ZINC	4	150.4	156.2
50227	68107	ZINC	4	134.2	145.8
50228	68107	ZINC	4	186.4	255.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50229	68107	ZINC	4	173.4	221.1
50230	68107	ZINC	4	143.3	182.1
50231	68107	ZINC	4	180.9	247.6
50232	68107	ZINC	4	127.9	136.2
50233	68107	ZINC	4	141.2	193.3
50234	68107	ZINC	4	149.1	188.1
50235	68107	ZINC	4	143.9	165.1
50236	68107	ZINC	4	139.4	158.4
50237	68107	ZINC	4	167.3	219.0
50238	68107	ZINC	4	151.4	164.8
50239	68107	ZINC	4	153.7	175.4
50240	68107	ZINC	4	179.2	249.9
50241	68107	ZINC	4	159.0	188.3
50242	68107	ZINC	4	317.3	771.2
50243	68107	ZINC	4	183.2	204.8
50244	68107	ZINC	4	122.9	140.6
50245	68107	ZINC	4	138.1	170.1
50246	68107	ZINC	4	141.7	193.7
50247	68107	ZINC	4	156.0	172.2
50248	68107	ZINC	4	163.3	227.9
50249	68107	ZINC	4	147.8	163.0
50250	68107	ZINC	4	182.3	282.0
50251	68107	ZINC	4	162.4	172.5
50262	68107	ZINC	4	247.9	597.8
50263	68107	ZINC	4	165.8	189.9
50264	68107	ZINC	4	138.2	161.2
50265	68107	ZINC	4	165.3	198.0
50266	68107	ZINC	4	133.1	141.6
50267	68107	ZINC	4	165.4	199.5
50268	68107	ZINC	4	138.2	155.6
50269	68107	ZINC	4	139.6	152.8
50270	68107	ZINC	4	196.4	289.8
50271	68107	ZINC	4	123.6	129.9
50272	68107	ZINC	3	163.3	270.1
50273	68107	ZINC	4	173.2	227.7
50274	68107	ZINC	4	170.2	224.3
50275	68107	ZINC	4	164.8	219.2
50276	68107	ZINC	4	155.2	182.0
50277	68107	ZINC	4	115.8	135.5
50278	68107	ZINC	4	130.8	146.3
50279	68107	ZINC	4	157.2	169.8
50280	68107	ZINC	4	144.1	164.0
50281	68107	ZINC	4	166.3	263.6
50282	68107	ZINC	4	158.3	181.9
50283	68107	ZINC	4	152.8	174.8
50284	68107	ZINC	4	136.1	153.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50285	68107	ZINC	4	177.7	234.9
50286	68107	ZINC	4	132.4	166.0
50287	68107	ZINC	4	166.1	182.1
50288	68107	ZINC	4	159.4	175.3
50289	68107	ZINC	4	158.2	193.1
50290	68107	ZINC	4	164.2	239.0
50291	68107	ZINC	4	175.4	214.9
50292	68107	ZINC	4	129.5	141.1
50293	68107	ZINC	4	158.3	195.0
50294	68107	ZINC	4	133.2	169.1
50295	68107	ZINC	4	162.7	181.0
50296	68107	ZINC	4	155.7	182.3
50297	68107	ZINC	4	150.7	190.4
50298	68107	ZINC	4	156.5	181.1
50299	68107	ZINC	4	139.4	155.1
50300	68107	ZINC	4	180.7	247.2
50301	68107	ZINC	3	184.0	191.0
50302	68107	ZINC	4	182.3	192.8
50303	68107	ZINC	4	184.1	213.6
50304	68107	ZINC	4	166.1	187.7
50305	68107	ZINC	4	177.8	211.3
50306	68107	ZINC	4	157.8	168.7
50307	68107	ZINC	4	196.7	322.7
50308	68107	ZINC	4	193.4	224.6
50309	68107	ZINC	4	173.2	194.3
50310	68107	ZINC	4	186.9	223.9
50311	68107	ZINC	4	170.5	193.3
50312	68107	ZINC	4	167.8	214.5
50313	68107	ZINC	4	176.5	201.7
50314	68107	ZINC	4	162.4	205.2
50315	68107	ZINC	4	153.0	168.9
50316	68107	ZINC	4	160.7	195.7
50317	68107	ZINC	4	147.0	155.7
50318	68107	ZINC	4	174.7	193.6
50319	68107	ZINC	4	145.2	153.5
50320	68107	ZINC	4	150.1	207.4
50321	68107	ZINC	4	166.7	193.8
50322	68107	ZINC	4	122.9	134.8
50323	68107	ZINC	4	144.0	154.6
50324	68107	ZINC	4	171.7	228.4
50325	68107	ZINC	4	184.7	264.0
50326	68107	ZINC	4	187.4	288.5
50327	68107	ZINC	4	168.6	225.3
50328	68107	ZINC	4	166.8	273.4
50329	68107	ZINC	4	164.3	183.8
50330	68107	ZINC	4	167.7	218.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50331	68107	ZINC	4	156.6	163.7
50332	68107	ZINC	4	141.0	162.7
50333	68107	ZINC	4	124.4	153.9
50334	68107	ZINC	4	176.7	278.0
50335	68107	ZINC	4	182.4	203.4
50336	68107	ZINC	4	150.9	162.2
50337	68107	ZINC	4	195.5	233.0
50338	68107	ZINC	4	145.6	171.9
50339	68107	ZINC	4	178.0	191.1
50340	68107	ZINC	4	185.0	196.3
50341	68107	ZINC	4	198.3	237.0
50342	68107	ZINC	4	216.8	238.8
50343	68107	ZINC	4	218.8	255.2
50344	68107	ZINC	4	203.9	246.7
50345	68107	ZINC	4	224.5	335.8
50346	68107	ZINC	4	201.6	229.9
50347	68107	ZINC	4	205.7	327.7
50348	68107	ZINC	4	193.9	223.2
50349	68107	ZINC	4	165.8	182.2
50350	68107	ZINC	4	202.7	253.6
50351	68107	ZINC	4	176.2	239.1
50352	68107	ZINC	4	242.4	326.4
50353	68107	ZINC	4	178.0	227.0
50354	68107	ZINC	4	133.0	145.5
50357	68107	ZINC	4	212.5	320.8
50358	68107	ZINC	4	146.0	176.2
50359	68107	ZINC	4	143.9	160.2
50360	68107	ZINC	4	155.0	170.6
50361	68107	ZINC	4	206.5	265.6
50362	68107	ZINC	4	163.5	201.9
50365	68107	ZINC	4	138.6	153.0
50373	68107	ZINC	4	188.2	214.4
50374	68107	ZINC	4	133.4	159.7
50385	68107	ZINC	4	155.6	221.3
50386	68107	ZINC	4	146.2	185.3
50387	68107	ZINC	4	183.7	262.8
50388	68107	ZINC	4	149.9	187.3
50389	68107	ZINC	4	158.9	185.1
50420	68107	ZINC	4	176.3	217.6
50535	68107	ZINC	1	719.6	719.6
50537	68107	ZINC	4	437.9	664.3
50548	68107	ZINC	4	361.4	513.5
50552	68107	ZINC	4	234.3	338.6
50587	68107	ZINC	5	133.1	218.0
50588	68107	ZINC	4	97.4	106.3
50630	68107	ZINC	3	383.1	710.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50631	68107	ZINC	4	344.0	446.2
52248	68107	ZINC	4	126.9	134.0
52415	68107	ZINC	4	139.1	163.4
52418	68107	ZINC	4	228.0	250.1
57178	68107	ZINC	4	266.6	339.0
62354	68107	ZINC	5	110.9	125.4
64027	68107	ZINC	4	162.3	238.4
64253	68107	ZINC	5	125.5	135.1
70328	68107	ZINC	4	196.3	286.4
73069	68107	ZINC	3	171.0	225.9
75136	68107	ZINC	3	197.1	217.0
75137	68107	ZINC	4	272.4	477.8
76891	68107	ZINC	4	196.1	280.0
78415	68107	ZINC	2	156.5	179.6
82242	68107	ZINC	4	304.2	461.8
82245	68107	ZINC	4	198.6	250.8
87461	68107	ZINC	4	131.1	160.1
87462	68107	ZINC	4	214.8	484.0
87944	68107	ZINC	4	124.5	138.7
88137	68107	ZINC	4	181.9	241.9
88138	68107	ZINC	4	146.9	174.3
89358	68107	ZINC	4	116.7	136.0
89377	68107	ZINC	4	110.6	127.0
89384	68107	ZINC	4	201.0	306.9
89408	68107	ZINC	4	169.5	324.0
89692	68107	ZINC	4	150.7	177.9
90259	68107	ZINC	4	106.2	114.7
90316	68107	ZINC	4	120.7	141.4
90332	68107	ZINC	4	175.6	249.1
90517	68107	ZINC	4	194.1	230.4
90518	68107	ZINC	4	338.1	555.2
90897	68107	ZINC	2	379.3	541.6
91079	68107	ZINC	4	161.2	231.3
91080	68107	ZINC	4	192.3	227.7
93231	68107	ZINC	4	160.6	189.9
93312	68107	ZINC	3	288.8	368.3
93331	68107	ZINC	4	172.7	257.1
93495	68107	ZINC	3	401.8	468.9
93519	68107	ZINC	2	309.1	391.5
6	68108	ZINC	4	228.7	363.9
9	68108	ZINC	4	200.0	294.1
11	68108	ZINC	4	176.1	232.9
13	68108	ZINC	4	351.2	634.3
14	68108	ZINC	2	822.6	1241.9
17	68108	ZINC	3	382.0	534.9
19	68108	ZINC	3	166.3	233.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
46	68108	ZINC	3	196.1	268.1
48	68108	ZINC	3	230.3	321.9
54	68108	ZINC	4	405.0	614.0
55	68108	ZINC	4	239.4	300.0
65	68108	ZINC	4	108.8	150.1
66	68108	ZINC	2	1246.2	1669.1
68	68108	ZINC	4	161.5	280.4
86	68108	ZINC	4	242.1	329.3
89	68108	ZINC	4	506.5	589.8
91	68108	ZINC	3	89.4	114.2
96	68108	ZINC	3	221.8	330.9
100	68108	ZINC	4	78.9	100.2
101	68108	ZINC	4	117.3	143.2
102	68108	ZINC	4	196.7	235.9
103	68108	ZINC	4	85.2	124.0
104	68108	ZINC	4	113.9	227.9
105	68108	ZINC	3	71.0	91.9
108	68108	ZINC	4	108.6	124.1
109	68108	ZINC	4	166.1	244.3
110	68108	ZINC	4	203.4	280.7
111	68108	ZINC	3	219.5	285.7
112	68108	ZINC	5	186.0	266.0
119	68108	ZINC	5	260.2	489.4
122	68108	ZINC	4	247.0	341.3
124	68108	ZINC	4	158.5	329.5
126	68108	ZINC	3	308.6	547.7
129	68108	ZINC	3	236.8	300.9
130	68108	ZINC	2	143.0	218.4
131	68108	ZINC	4	359.5	560.6
132	68108	ZINC	4	269.7	314.0
133	68108	ZINC	3	219.7	223.8
134	68108	ZINC	4	319.3	476.2
135	68108	ZINC	3	599.1	1170.7
136	68108	ZINC	3	227.8	282.0
138	68108	ZINC	3	185.2	236.4
139	68108	ZINC	4	436.4	536.7
140	68108	ZINC	4	252.7	417.8
143	68108	ZINC	3	263.5	321.7
145	68108	ZINC	3	216.8	273.4
148	68108	ZINC	4	210.3	369.7
150	68108	ZINC	4	245.4	328.4
151	68108	ZINC	4	198.9	274.7
156	68108	ZINC	3	335.1	560.9
158	68108	ZINC	2	203.9	233.0
162	68108	ZINC	2	253.2	375.3
166	68108	ZINC	3	226.0	305.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
167	68108	ZINC	2	218.6	229.3
172	68108	ZINC	4	341.5	449.1
175	68108	ZINC	3	208.1	225.4
176	68108	ZINC	3	292.6	361.4
177	68108	ZINC	4	177.8	238.9
179	68108	ZINC	2	330.9	370.1
183	68108	ZINC	4	190.9	226.1
185	68108	ZINC	4	230.2	392.9
187	68108	ZINC	4	200.9	270.4
190	68108	ZINC	4	472.5	567.0
205	68108	ZINC	4	161.8	204.8
207	68108	ZINC	4	219.6	356.6
216	68108	ZINC	3	293.6	353.4
229	68108	ZINC	3	391.3	604.0
257	68108	ZINC	4	181.6	220.8
258	68108	ZINC	2	237.5	271.1
260	68108	ZINC	5	249.8	319.5
262	68108	ZINC	3	206.8	245.9
263	68108	ZINC	3	213.5	291.2
264	68108	ZINC	3	173.0	235.9
265	68108	ZINC	4	189.8	228.9
267	68108	ZINC	4	291.9	686.6
269	68108	ZINC	5	112.5	204.8
271	68108	ZINC	5	255.4	313.5
273	68108	ZINC	3	303.8	609.0
274	68108	ZINC	5	225.4	309.6
275	68108	ZINC	2	100.2	138.3
278	68108	ZINC	4	437.7	583.7
279	68108	ZINC	4	219.3	258.9
280	68108	ZINC	4	217.1	324.0
281	68108	ZINC	3	222.5	366.9
284	68108	ZINC	4	176.5	227.3
286	68108	ZINC	4	227.1	260.3
287	68108	ZINC	4	385.1	519.3
288	68108	ZINC	3	152.8	236.8
298	68108	ZINC	3	264.5	347.3
327	68108	ZINC	4	260.8	318.7
328	68108	ZINC	4	392.4	1002.0
330	68108	ZINC	3	93.3	104.3
331	68108	ZINC	4	257.5	327.2
338	68108	ZINC	5	126.9	162.4
343	68108	ZINC	4	388.5	804.1
344	68108	ZINC	3	79.3	112.0
347	68108	ZINC	4	404.3	811.9
351	68108	ZINC	4	185.4	284.8
355	68108	ZINC	4	227.1	345.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
356	68108	ZINC	4	204.6	254.6
359	68108	ZINC	4	88.2	149.6
362	68108	ZINC	4	181.5	248.2
366	68108	ZINC	4	279.2	387.9
372	68108	ZINC	3	215.3	244.3
375	68108	ZINC	2	110.9	131.0
377	68108	ZINC	5	291.9	452.7
380	68108	ZINC	4	96.1	117.8
381	68108	ZINC	4	211.7	269.0
384	68108	ZINC	2	139.2	146.4
394	68108	ZINC	5	160.1	363.5
455	68108	ZINC	4	328.6	447.4
490	68108	ZINC	4	291.0	408.2
493	68108	ZINC	3	211.9	221.5
501	68108	ZINC	5	251.8	336.1
505	68108	ZINC	4	97.8	155.1
511	68108	ZINC	5	120.0	167.7
513	68108	ZINC	4	354.5	754.9
521	68108	ZINC	4	126.2	168.5
523	68108	ZINC	4	188.3	261.3
524	68108	ZINC	5	202.6	332.2
525	68108	ZINC	5	77.0	100.1
526	68108	ZINC	3	202.2	225.9
531	68108	ZINC	3	290.9	617.2
536	68108	ZINC	4	100.1	156.3
545	68108	ZINC	4	202.4	338.2
549	68108	ZINC	4	202.7	244.4
550	68108	ZINC	4	210.7	520.3
556	68108	ZINC	4	387.5	500.0
557	68108	ZINC	4	121.5	220.0
596	68108	ZINC	3	447.4	557.7
601	68108	ZINC	6	200.7	311.5
634	68108	ZINC	4	166.3	313.1
636	68108	ZINC	3	101.1	136.8
649	68108	ZINC	4	242.4	492.6
656	68108	ZINC	3	69.3	97.8
657	68108	ZINC	4	638.0	2274.3
700	68108	ZINC	5	256.3	433.5
701	68108	ZINC	4	239.4	366.5
711	68108	ZINC	5	262.8	471.9
723	68108	ZINC	4	149.4	177.2
734	68108	ZINC	4	188.7	243.9
752	68108	ZINC	4	92.2	121.6
759	68108	ZINC	4	220.4	324.5
800	68108	ZINC	3	276.2	293.9
806	68108	ZINC	5	250.7	370.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
812	68108	ZINC	4	177.3	235.0
815	68108	ZINC	3	121.2	214.2
819	68108	ZINC	4	204.1	282.5
870	68108	ZINC	3	143.0	179.8
897	68108	ZINC	4	191.4	277.7
933	68108	ZINC	2	266.1	283.1
989	68108	ZINC	5	316.6	448.8
995	68108	ZINC	5	226.0	410.7
1004	68108	ZINC	5	82.7	194.3
1171	68108	ZINC	5	515.0	658.5
1250	68108	ZINC	2	298.4	370.5
1387	68108	ZINC	3	284.9	420.3
1391	68108	ZINC	6	281.4	372.6
1395	68108	ZINC	4	234.2	306.9
1398	68108	ZINC	5	257.9	339.1
1508	68108	ZINC	3	256.8	347.1
1513	68108	ZINC	5	201.2	300.0
1514	68108	ZINC	4	257.8	344.8
1522	68108	ZINC	3	179.5	273.8
1523	68108	ZINC	4	381.3	471.2
1525	68108	ZINC	3	224.1	405.3
1526	68108	ZINC	4	212.4	266.1
1527	68108	ZINC	3	511.8	1126.6
1529	68108	ZINC	4	394.4	497.2
1556	68108	ZINC	4	264.3	323.8
1557	68108	ZINC	5	293.2	586.2
1558	68108	ZINC	3	116.2	156.5
1559	68108	ZINC	3	514.6	881.7
1561	68108	ZINC	3	116.6	143.4
1567	68108	ZINC	2	125.8	140.6
1568	68108	ZINC	4	263.8	355.1
1569	68108	ZINC	4	344.5	505.7
1579	68108	ZINC	5	172.8	367.6
1581	68108	ZINC	3	226.0	318.7
1582	68108	ZINC	4	312.9	361.9
1585	68108	ZINC	4	205.7	317.6
1586	68108	ZINC	4	340.3	577.8
1588	68108	ZINC	2	226.4	262.2
1589	68108	ZINC	5	269.3	356.0
1591	68108	ZINC	3	298.5	350.0
1601	68108	ZINC	4	555.9	1117.3
1613	68108	ZINC	2	163.6	169.5
1620	68108	ZINC	2	331.0	532.8
2042	68108	ZINC	3	508.0	656.8
2044	68108	ZINC	4	375.3	685.6
2048	68108	ZINC	4	399.4	539.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
2049	68108	ZINC	2	207.5	360.7
2170	68108	ZINC	4	160.1	173.6
2210	68108	ZINC	1	202.6	202.6
2228	68108	ZINC	2	479.0	551.7
2257	68108	ZINC	5	164.7	232.3
2295	68108	ZINC	4	199.3	217.6
2388	68108	ZINC	2	151.2	184.2
2471	68108	ZINC	1	534.6	534.6
2518	68108	ZINC	4	279.7	362.1
2519	68108	ZINC	3	534.4	582.4
2521	68108	ZINC	5	163.7	270.3
2522	68108	ZINC	4	288.3	417.3
2527	68108	ZINC	5	388.9	475.5
2530	68108	ZINC	4	200.6	296.2
2531	68108	ZINC	4	583.5	985.0
2532	68108	ZINC	4	243.4	271.3
3005	68108	ZINC	3	180.6	283.4
3100	68108	ZINC	5	258.7	380.9
5024	68108	ZINC	5	195.0	246.4
5048	68108	ZINC	6	314.6	466.9
5075	68108	ZINC	4	286.9	496.1
5078	68108	ZINC	4	226.0	335.9
5080	68108	ZINC	4	201.3	213.5
5081	68108	ZINC	4	241.3	291.4
5084	68108	ZINC	4	156.5	180.4
5087	68108	ZINC	2	258.9	333.6
5088	68108	ZINC	4	188.9	254.9
5093	68108	ZINC	2	623.9	992.7
5225	68108	ZINC	4	529.9	1437.7
5226	68108	ZINC	4	176.1	219.2
5227	68108	ZINC	4	212.2	263.0
5229	68108	ZINC	4	150.0	267.9
5284	68108	ZINC	4	497.8	570.2
5300	68108	ZINC	4	127.7	185.1
5301	68108	ZINC	4	166.8	294.6
5302	68108	ZINC	2	207.1	246.0
5303	68108	ZINC	4	319.8	460.5
5304	68108	ZINC	4	256.8	450.9
5305	68108	ZINC	4	126.8	178.7
5306	68108	ZINC	4	213.9	329.7
5307	68108	ZINC	4	195.7	273.8
5321	68108	ZINC	4	418.2	541.0
5323	68108	ZINC	3	272.2	327.4
5324	68108	ZINC	5	388.5	514.3
5332	68108	ZINC	4	374.6	518.6
5385	68108	ZINC	3	251.7	290.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5386	68108	ZINC	4	303.0	373.5
5387	68108	ZINC	4	227.1	325.1
5390	68108	ZINC	5	193.7	241.0
5391	68108	ZINC	4	186.6	227.5
5392	68108	ZINC	4	235.7	339.0
5393	68108	ZINC	5	207.4	312.8
5394	68108	ZINC	4	416.8	788.0
5395	68108	ZINC	3	371.0	452.0
5396	68108	ZINC	3	192.0	265.1
5397	68108	ZINC	3	133.6	147.6
5398	68108	ZINC	4	297.9	415.3
5399	68108	ZINC	5	297.6	436.3
5400	68108	ZINC	4	251.2	434.2
5401	68108	ZINC	4	310.2	380.6
5402	68108	ZINC	3	258.6	303.4
5403	68108	ZINC	4	230.1	348.0
5404	68108	ZINC	4	267.1	304.6
5405	68108	ZINC	4	200.4	299.1
5407	68108	ZINC	3	244.7	343.0
5408	68108	ZINC	2	285.7	366.0
5409	68108	ZINC	5	177.7	310.5
5410	68108	ZINC	3	445.9	503.2
5411	68108	ZINC	4	303.5	498.3
5412	68108	ZINC	4	268.8	298.7
5413	68108	ZINC	4	391.0	672.3
5415	68108	ZINC	4	389.8	481.2
5416	68108	ZINC	4	184.3	229.0
5417	68108	ZINC	4	126.7	150.5
5418	68108	ZINC	5	164.2	209.5
5422	68108	ZINC	4	349.8	406.4
5423	68108	ZINC	4	171.7	253.2
5425	68108	ZINC	3	356.4	395.0
5426	68108	ZINC	4	104.9	120.4
5427	68108	ZINC	5	304.1	434.2
5428	68108	ZINC	5	124.5	206.3
5429	68108	ZINC	4	133.7	144.0
5430	68108	ZINC	4	261.0	302.8
5431	68108	ZINC	4	357.6	373.7
5432	68108	ZINC	4	518.7	721.5
5433	68108	ZINC	2	438.5	451.3
5434	68108	ZINC	4	255.8	324.7
5435	68108	ZINC	5	173.5	258.9
5436	68108	ZINC	5	372.5	529.2
5437	68108	ZINC	2	279.7	282.3
5438	68108	ZINC	5	403.1	671.6
5439	68108	ZINC	5	185.9	224.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5440	68108	ZINC	2	586.5	701.5
5443	68108	ZINC	4	165.7	190.7
5445	68108	ZINC	4	231.8	291.2
5446	68108	ZINC	3	254.3	421.7
5447	68108	ZINC	3	248.3	284.5
5449	68108	ZINC	4	273.0	314.2
5450	68108	ZINC	3	261.9	314.0
5451	68108	ZINC	4	201.0	282.3
5452	68108	ZINC	5	441.9	1188.5
5454	68108	ZINC	2	201.1	208.3
5455	68108	ZINC	5	284.6	447.4
5457	68108	ZINC	4	172.2	235.5
5458	68108	ZINC	3	172.2	235.9
5459	68108	ZINC	4	175.6	296.9
5460	68108	ZINC	5	135.1	169.0
5461	68108	ZINC	5	253.0	391.5
5462	68108	ZINC	4	138.0	264.4
5463	68108	ZINC	3	158.8	251.9
5466	68108	ZINC	4	189.9	256.7
5467	68108	ZINC	5	151.4	217.4
5468	68108	ZINC	4	313.7	460.9
5469	68108	ZINC	3	123.2	138.3
5470	68108	ZINC	2	170.8	179.7
5471	68108	ZINC	3	322.9	492.6
5472	68108	ZINC	4	167.4	233.6
5473	68108	ZINC	4	268.3	508.6
5474	68108	ZINC	4	277.4	366.5
5476	68108	ZINC	4	119.6	141.3
5477	68108	ZINC	4	100.3	116.3
5480	68108	ZINC	4	283.6	524.0
5481	68108	ZINC	3	190.9	271.5
5482	68108	ZINC	3	237.9	346.2
5483	68108	ZINC	4	174.1	228.2
5484	68108	ZINC	4	244.5	301.9
5485	68108	ZINC	3	335.1	353.5
5491	68108	ZINC	5	187.0	239.1
5492	68108	ZINC	3	346.0	565.0
5500	68108	ZINC	4	372.9	474.8
5502	68108	ZINC	4	280.6	381.4
5504	68108	ZINC	4	236.5	334.3
5505	68108	ZINC	4	311.2	321.9
5510	68108	ZINC	5	160.6	240.3
5511	68108	ZINC	4	131.2	141.2
5512	68108	ZINC	4	137.0	192.5
5571	68108	ZINC	4	268.4	371.0
5572	68108	ZINC	4	168.4	230.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5573	68108	ZINC	3	293.6	306.7
5574	68108	ZINC	3	264.8	314.0
5583	68108	ZINC	4	241.5	271.3
5587	68108	ZINC	4	385.4	690.3
5588	68108	ZINC	3	312.3	339.8
5589	68108	ZINC	4	253.8	405.0
5591	68108	ZINC	4	310.7	433.3
5603	68108	ZINC	4	217.5	268.3
5605	68108	ZINC	2	81.7	87.9
5606	68108	ZINC	5	242.5	303.0
5607	68108	ZINC	4	193.2	308.2
5608	68108	ZINC	2	219.1	269.0
5609	68108	ZINC	4	249.3	298.7
5623	68108	ZINC	4	203.0	308.0
5628	68108	ZINC	5	180.5	235.7
5630	68108	ZINC	3	316.5	359.0
5633	68108	ZINC	3	241.8	365.1
5634	68108	ZINC	1	419.6	419.6
5636	68108	ZINC	4	560.2	852.0
5637	68108	ZINC	4	285.9	467.3
5638	68108	ZINC	4	326.4	541.7
5652	68108	ZINC	3	370.1	429.2
5653	68108	ZINC	4	154.6	192.7
5656	68108	ZINC	2	251.8	279.3
5657	68108	ZINC	4	337.9	369.7
5658	68108	ZINC	4	119.8	154.0
5659	68108	ZINC	4	247.2	288.6
5660	68108	ZINC	3	517.5	912.3
5663	68108	ZINC	4	237.7	467.3
5664	68108	ZINC	4	327.0	422.9
5672	68108	ZINC	4	280.9	410.3
5673	68108	ZINC	1	254.9	254.9
5674	68108	ZINC	2	219.2	275.2
5682	68108	ZINC	4	354.9	560.6
5683	68108	ZINC	4	276.3	427.5
5693	68108	ZINC	4	243.6	326.2
5694	68108	ZINC	2	291.1	367.1
5695	68108	ZINC	5	193.9	270.0
12734	68108	ZINC	5	198.2	287.1
12745	68108	ZINC	3	345.5	515.8
12758	68108	ZINC	5	269.3	383.2
12773	68108	ZINC	5	186.8	231.2
12782	68108	ZINC	4	156.8	225.6
12795	68108	ZINC	4	173.8	200.8
12806	68108	ZINC	4	214.6	314.6
12808	68108	ZINC	5	346.3	514.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
12816	68108	ZINC	2	302.5	338.0
12822	68108	ZINC	6	245.5	376.5
12824	68108	ZINC	4	124.6	135.5
12828	68108	ZINC	5	252.2	392.4
12832	68108	ZINC	4	203.6	224.5
12842	68108	ZINC	5	151.2	225.0
12859	68108	ZINC	4	309.3	517.0
12880	68108	ZINC	3	223.0	290.4
12882	68108	ZINC	4	125.7	140.5
12887	68108	ZINC	3	223.4	282.0
12889	68108	ZINC	4	55.2	86.7
12892	68108	ZINC	3	254.8	288.7
12895	68108	ZINC	4	419.8	479.3
12896	68108	ZINC	4	313.6	459.1
12899	68108	ZINC	4	211.5	266.9
12904	68108	ZINC	4	184.5	426.4
12917	68108	ZINC	4	324.7	369.8
12918	68108	ZINC	5	189.8	234.3
12919	68108	ZINC	4	156.1	194.8
12922	68108	ZINC	4	184.1	263.3
12924	68108	ZINC	4	148.2	204.7
12925	68108	ZINC	4	209.4	299.5
12926	68108	ZINC	5	200.0	255.4
12931	68108	ZINC	4	361.6	649.3
12933	68108	ZINC	4	210.3	376.2
12937	68108	ZINC	4	145.3	169.6
12938	68108	ZINC	4	232.1	252.8
12939	68108	ZINC	4	193.0	243.7
12940	68108	ZINC	5	152.4	195.8
12942	68108	ZINC	4	259.2	489.8
12947	68108	ZINC	5	200.5	254.8
12953	68108	ZINC	4	163.3	191.4
12956	68108	ZINC	4	180.1	230.2
12957	68108	ZINC	3	200.6	263.3
12960	68108	ZINC	2	178.3	186.4
12977	68108	ZINC	4	283.4	381.6
12980	68108	ZINC	4	265.9	357.2
12986	68108	ZINC	4	274.1	323.9
13000	68108	ZINC	5	167.3	231.3
13002	68108	ZINC	4	292.2	425.5
13007	68108	ZINC	2	410.2	596.8
13008	68108	ZINC	5	214.5	283.0
13011	68108	ZINC	4	323.1	545.7
13014	68108	ZINC	3	282.0	332.8
13019	68108	ZINC	4	176.5	222.3
13020	68108	ZINC	5	198.8	287.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13029	68108	ZINC	4	280.8	422.1
13031	68108	ZINC	5	178.2	202.0
13041	68108	ZINC	4	145.2	160.7
13046	68108	ZINC	4	213.8	242.3
13047	68108	ZINC	4	295.6	367.2
13049	68108	ZINC	4	215.4	297.2
13058	68108	ZINC	4	246.9	264.7
13061	68108	ZINC	4	123.0	242.7
13067	68108	ZINC	2	286.0	340.0
13071	68108	ZINC	2	198.4	201.3
13079	68108	ZINC	3	485.5	788.4
13082	68108	ZINC	3	132.7	174.4
13090	68108	ZINC	4	165.1	256.7
13094	68108	ZINC	4	210.0	255.9
13097	68108	ZINC	4	248.9	296.3
13099	68108	ZINC	5	397.0	620.9
13101	68108	ZINC	2	442.5	582.3
13102	68108	ZINC	4	390.0	737.1
13103	68108	ZINC	2	637.4	677.9
13105	68108	ZINC	3	260.9	347.4
13108	68108	ZINC	4	456.3	633.1
13109	68108	ZINC	4	365.2	423.5
13113	68108	ZINC	4	306.9	380.2
13115	68108	ZINC	5	216.2	298.3
13116	68108	ZINC	4	230.5	391.9
13117	68108	ZINC	4	207.7	290.4
13118	68108	ZINC	4	152.7	187.0
13119	68108	ZINC	4	166.3	231.7
13120	68108	ZINC	4	280.5	409.3
13123	68108	ZINC	4	258.8	326.8
13126	68108	ZINC	4	567.8	782.5
13127	68108	ZINC	4	228.9	254.3
13130	68108	ZINC	4	205.4	252.8
13131	68108	ZINC	5	252.5	310.5
13132	68108	ZINC	4	256.1	385.3
13133	68108	ZINC	4	264.9	329.3
13134	68108	ZINC	4	137.6	187.5
13135	68108	ZINC	4	259.0	334.8
13136	68108	ZINC	4	235.8	250.9
13138	68108	ZINC	4	168.0	335.3
13139	68108	ZINC	4	224.1	375.6
13140	68108	ZINC	4	186.4	266.4
13141	68108	ZINC	4	145.3	229.6
13142	68108	ZINC	5	299.0	457.4
13143	68108	ZINC	4	430.9	698.6
13144	68108	ZINC	4	386.8	612.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13145	68108	ZINC	3	204.3	221.1
13146	68108	ZINC	4	281.4	438.8
13148	68108	ZINC	4	174.2	249.9
13149	68108	ZINC	5	206.3	307.2
13152	68108	ZINC	3	146.4	199.0
13153	68108	ZINC	4	227.5	263.5
13154	68108	ZINC	4	335.3	428.1
13155	68108	ZINC	4	167.1	239.6
13156	68108	ZINC	4	220.2	267.6
13157	68108	ZINC	4	246.8	281.3
13159	68108	ZINC	4	272.0	328.3
13164	68108	ZINC	4	411.0	722.4
13169	68108	ZINC	4	129.4	154.0
13171	68108	ZINC	3	192.3	301.6
13174	68108	ZINC	4	153.8	204.9
13184	68108	ZINC	4	272.0	350.6
13186	68108	ZINC	4	226.6	261.5
13188	68108	ZINC	4	250.3	463.0
13189	68108	ZINC	4	345.1	550.2
13195	68108	ZINC	4	220.3	368.8
13196	68108	ZINC	4	121.1	152.2
13199	68108	ZINC	4	281.7	342.2
13205	68108	ZINC	4	380.4	583.2
13206	68108	ZINC	4	257.9	308.8
13210	68108	ZINC	4	270.2	387.9
13213	68108	ZINC	4	131.5	181.6
13214	68108	ZINC	4	208.7	361.7
13217	68108	ZINC	4	216.9	314.6
13218	68108	ZINC	3	207.4	295.5
13220	68108	ZINC	5	176.8	223.4
13222	68108	ZINC	4	369.0	459.5
13224	68108	ZINC	5	223.2	293.4
13225	68108	ZINC	4	289.1	368.3
13227	68108	ZINC	2	331.4	379.0
13232	68108	ZINC	4	394.6	731.4
13233	68108	ZINC	2	249.5	267.4
13239	68108	ZINC	4	189.7	265.2
13241	68108	ZINC	5	322.8	557.1
13242	68108	ZINC	4	144.3	157.1
13246	68108	ZINC	2	174.7	188.3
13247	68108	ZINC	4	148.2	197.4
13253	68108	ZINC	4	195.7	283.9
13254	68108	ZINC	4	250.6	432.8
13258	68108	ZINC	5	191.0	280.2
13260	68108	ZINC	2	244.9	251.0
13267	68108	ZINC	4	355.9	570.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13275	68108	ZINC	4	105.1	153.8
13276	68108	ZINC	4	167.5	225.2
13277	68108	ZINC	4	230.0	314.0
13278	68108	ZINC	4	240.5	283.2
13286	68108	ZINC	4	263.4	425.1
13289	68108	ZINC	5	326.4	362.0
13291	68108	ZINC	2	328.4	371.0
13292	68108	ZINC	4	144.0	157.5
13293	68108	ZINC	5	245.1	290.9
13296	68108	ZINC	4	292.3	493.5
13300	68108	ZINC	5	91.4	113.0
13304	68108	ZINC	4	185.7	266.9
13308	68108	ZINC	4	191.2	214.6
13311	68108	ZINC	4	247.7	373.0
13314	68108	ZINC	4	262.0	332.0
13316	68108	ZINC	4	233.3	448.1
13328	68108	ZINC	4	162.2	184.2
13329	68108	ZINC	6	130.2	157.3
13330	68108	ZINC	4	195.0	282.0
13333	68108	ZINC	4	568.3	987.7
13335	68108	ZINC	4	177.0	246.4
13337	68108	ZINC	4	223.3	371.9
13339	68108	ZINC	4	245.6	346.6
13341	68108	ZINC	4	251.6	330.7
13346	68108	ZINC	5	205.6	270.3
13349	68108	ZINC	3	531.9	809.2
13353	68108	ZINC	4	513.5	1024.2
13362	68108	ZINC	5	321.6	641.8
13368	68108	ZINC	5	322.2	532.2
13371	68108	ZINC	4	138.7	154.4
13378	68108	ZINC	4	255.0	372.9
13380	68108	ZINC	5	149.2	178.5
13385	68108	ZINC	4	349.7	419.2
13390	68108	ZINC	4	289.3	371.0
13393	68108	ZINC	4	241.9	334.1
13396	68108	ZINC	5	177.5	238.0
13406	68108	ZINC	4	176.4	205.7
13408	68108	ZINC	4	245.4	333.0
13411	68108	ZINC	4	185.4	210.8
13413	68108	ZINC	4	259.4	389.6
13414	68108	ZINC	5	352.6	956.6
13415	68108	ZINC	4	251.7	305.1
13416	68108	ZINC	4	247.3	305.5
13418	68108	ZINC	4	227.5	290.0
13419	68108	ZINC	4	284.4	485.8
13422	68108	ZINC	5	231.4	311.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13424	68108	ZINC	4	177.0	238.1
13427	68108	ZINC	4	236.2	281.6
13428	68108	ZINC	5	275.2	483.7
13431	68108	ZINC	4	301.6	433.6
13434	68108	ZINC	4	194.5	246.4
13436	68108	ZINC	4	255.1	306.4
13440	68108	ZINC	4	337.2	532.1
13445	68108	ZINC	4	327.1	439.4
13449	68108	ZINC	4	152.6	230.0
13451	68108	ZINC	3	205.0	303.1
13454	68108	ZINC	5	269.6	382.2
13466	68108	ZINC	5	162.3	186.6
13478	68108	ZINC	4	171.4	257.5
13481	68108	ZINC	4	138.6	157.7
13485	68108	ZINC	4	194.9	247.5
13486	68108	ZINC	5	371.3	487.1
13488	68108	ZINC	4	246.4	307.8
13499	68108	ZINC	4	227.9	275.1
13502	68108	ZINC	4	356.7	495.9
13503	68108	ZINC	5	275.7	406.8
13510	68108	ZINC	2	360.2	395.2
13518	68108	ZINC	3	194.2	229.2
13519	68108	ZINC	5	189.9	275.0
13520	68108	ZINC	4	393.0	584.6
13521	68108	ZINC	4	112.2	125.9
13527	68108	ZINC	4	122.3	226.5
13529	68108	ZINC	5	307.2	484.3
13530	68108	ZINC	5	137.8	187.9
13536	68108	ZINC	4	356.3	483.0
13539	68108	ZINC	2	187.7	208.1
13546	68108	ZINC	4	258.2	393.2
13550	68108	ZINC	4	366.8	541.6
13553	68108	ZINC	4	241.1	292.0
13556	68108	ZINC	4	345.0	401.2
13557	68108	ZINC	3	173.7	181.2
13560	68108	ZINC	5	240.2	258.4
13565	68108	ZINC	1	93.9	93.9
13569	68108	ZINC	4	312.8	442.5
13570	68108	ZINC	5	190.7	210.9
13574	68108	ZINC	4	142.1	155.6
13575	68108	ZINC	4	222.2	283.4
13582	68108	ZINC	3	260.7	307.6
13589	68108	ZINC	3	458.6	732.9
13591	68108	ZINC	4	122.8	154.7
13595	68108	ZINC	4	145.2	185.3
13596	68108	ZINC	4	261.9	316.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13608	68108	ZINC	5	333.0	384.2
13610	68108	ZINC	4	265.4	354.7
13615	68108	ZINC	3	355.4	476.2
13618	68108	ZINC	2	345.6	515.5
13622	68108	ZINC	3	186.4	266.2
13631	68108	ZINC	4	141.3	147.1
13640	68108	ZINC	3	302.6	481.1
13641	68108	ZINC	4	213.3	293.6
13644	68108	ZINC	4	382.5	886.0
13645	68108	ZINC	4	243.0	288.2
13651	68108	ZINC	4	293.5	342.1
13652	68108	ZINC	3	638.4	696.7
13653	68108	ZINC	2	259.9	288.6
13661	68108	ZINC	4	225.7	301.8
13662	68108	ZINC	4	337.7	579.6
13666	68108	ZINC	4	290.6	363.1
13672	68108	ZINC	5	234.8	314.4
13674	68108	ZINC	5	252.9	396.8
13675	68108	ZINC	4	233.0	261.0
13676	68108	ZINC	4	191.4	395.0
13677	68108	ZINC	3	171.1	198.9
13679	68108	ZINC	4	245.0	451.4
13681	68108	ZINC	4	221.1	240.3
13682	68108	ZINC	2	266.7	370.0
13685	68108	ZINC	3	269.4	316.1
13691	68108	ZINC	4	252.7	307.6
13698	68108	ZINC	4	177.2	223.5
13699	68108	ZINC	3	247.8	263.4
13709	68108	ZINC	3	375.1	460.4
13710	68108	ZINC	4	224.4	369.3
13760	68108	ZINC	4	172.6	210.6
13764	68108	ZINC	4	189.6	223.7
13766	68108	ZINC	4	185.7	215.2
13767	68108	ZINC	4	310.6	403.9
13770	68108	ZINC	5	284.3	497.4
13771	68108	ZINC	4	272.2	506.4
13773	68108	ZINC	4	214.1	293.2
13774	68108	ZINC	2	399.3	505.9
13775	68108	ZINC	5	212.3	292.3
13776	68108	ZINC	4	223.4	282.5
13786	68108	ZINC	3	178.8	202.0
13787	68108	ZINC	3	222.1	386.0
13795	68108	ZINC	4	456.2	801.0
13798	68108	ZINC	4	326.0	362.2
13809	68108	ZINC	5	442.7	854.0
13810	68108	ZINC	4	216.3	274.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
13829	68108	ZINC	4	227.6	255.8
13832	68108	ZINC	4	160.1	178.7
13836	68108	ZINC	4	415.9	629.0
13841	68108	ZINC	3	247.6	304.6
13847	68108	ZINC	1	345.5	345.5
13848	68108	ZINC	4	346.6	407.2
13854	68108	ZINC	4	149.3	154.6
13860	68108	ZINC	4	351.4	432.2
13868	68108	ZINC	5	338.4	379.3
13870	68108	ZINC	4	237.3	304.2
13873	68108	ZINC	5	200.8	343.0
13876	68108	ZINC	3	210.4	238.4
13878	68108	ZINC	4	330.0	405.7
13885	68108	ZINC	4	218.1	337.3
13887	68108	ZINC	4	184.5	227.2
13888	68108	ZINC	3	304.6	520.4
13892	68108	ZINC	4	230.7	355.1
13894	68108	ZINC	4	216.6	276.1
13895	68108	ZINC	5	170.1	239.1
13903	68108	ZINC	3	277.0	300.7
13920	68108	ZINC	4	143.3	203.1
13923	68108	ZINC	4	94.7	129.6
13924	68108	ZINC	4	126.2	164.7
13926	68108	ZINC	4	187.2	239.3
13931	68108	ZINC	4	226.6	381.0
13933	68108	ZINC	2	152.2	178.4
13936	68108	ZINC	4	150.4	181.3
13938	68108	ZINC	3	228.2	244.9
13939	68108	ZINC	4	176.7	252.1
13941	68108	ZINC	4	365.7	514.3
13950	68108	ZINC	4	234.2	301.4
13953	68108	ZINC	4	156.2	262.6
13954	68108	ZINC	2	251.5	269.3
13958	68108	ZINC	4	255.6	300.0
13960	68108	ZINC	4	230.7	264.4
13962	68108	ZINC	4	281.9	342.4
13963	68108	ZINC	4	820.8	1821.0
13965	68108	ZINC	3	227.2	261.9
13969	68108	ZINC	5	198.9	249.0
13983	68108	ZINC	4	109.4	135.4
13990	68108	ZINC	4	131.7	175.4
13992	68108	ZINC	4	270.2	356.8
13996	68108	ZINC	4	225.3	283.1
13998	68108	ZINC	4	311.1	416.9
14008	68108	ZINC	2	98.4	102.4
14011	68108	ZINC	4	274.4	319.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14020	68108	ZINC	4	372.5	506.4
14022	68108	ZINC	4	431.5	577.2
14028	68108	ZINC	2	337.0	377.4
14037	68108	ZINC	4	413.6	621.5
14038	68108	ZINC	4	194.5	238.0
14043	68108	ZINC	4	211.1	315.0
14048	68108	ZINC	3	137.7	171.8
14051	68108	ZINC	3	153.4	181.8
14056	68108	ZINC	4	203.5	268.9
14057	68108	ZINC	4	211.6	246.0
14065	68108	ZINC	5	199.6	270.7
14072	68108	ZINC	4	241.5	368.1
14076	68108	ZINC	5	171.9	243.6
14079	68108	ZINC	4	221.5	296.8
14081	68108	ZINC	3	175.2	195.2
14083	68108	ZINC	4	110.5	115.3
14084	68108	ZINC	4	146.8	208.3
14086	68108	ZINC	4	313.6	358.5
14087	68108	ZINC	4	120.6	131.8
14089	68108	ZINC	4	191.1	271.8
14095	68108	ZINC	4	239.3	315.7
14096	68108	ZINC	4	242.1	386.7
14106	68108	ZINC	4	267.9	364.3
14110	68108	ZINC	4	297.8	442.4
14111	68108	ZINC	3	212.9	270.4
14112	68108	ZINC	4	236.2	384.6
14113	68108	ZINC	5	253.3	278.2
14123	68108	ZINC	5	247.3	305.4
14128	68108	ZINC	3	347.4	601.7
14130	68108	ZINC	4	261.2	398.0
14134	68108	ZINC	3	391.3	587.9
14135	68108	ZINC	5	285.5	580.6
14140	68108	ZINC	4	246.1	321.0
14141	68108	ZINC	4	266.1	402.0
14147	68108	ZINC	4	244.3	372.0
14151	68108	ZINC	2	287.7	348.4
14153	68108	ZINC	3	157.3	215.8
14173	68108	ZINC	4	278.8	326.8
14174	68108	ZINC	4	349.3	470.8
14186	68108	ZINC	3	403.1	629.7
14192	68108	ZINC	4	171.3	180.3
14202	68108	ZINC	2	521.6	725.3
14203	68108	ZINC	4	211.0	285.3
14204	68108	ZINC	5	165.6	251.5
14205	68108	ZINC	4	232.6	267.9
14209	68108	ZINC	4	217.5	265.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14210	68108	ZINC	5	272.8	344.3
14217	68108	ZINC	4	156.3	206.9
14218	68108	ZINC	5	256.0	376.7
14220	68108	ZINC	2	502.0	588.5
14230	68108	ZINC	4	224.8	313.1
14231	68108	ZINC	4	120.2	211.5
14232	68108	ZINC	5	363.8	436.8
14246	68108	ZINC	4	311.6	391.8
14251	68108	ZINC	3	256.5	437.0
14258	68108	ZINC	4	160.2	197.9
14269	68108	ZINC	4	236.0	306.0
14270	68108	ZINC	4	184.8	257.2
14272	68108	ZINC	5	188.8	272.5
14274	68108	ZINC	4	155.0	183.4
14279	68108	ZINC	4	84.1	103.9
14284	68108	ZINC	4	354.8	773.9
14285	68108	ZINC	4	206.3	234.9
14287	68108	ZINC	4	145.2	172.3
14290	68108	ZINC	6	232.0	310.6
14306	68108	ZINC	4	201.2	240.7
14309	68108	ZINC	5	248.8	358.6
14313	68108	ZINC	4	117.0	173.5
14315	68108	ZINC	4	469.9	1119.2
14316	68108	ZINC	5	372.6	553.5
14321	68108	ZINC	4	323.2	374.1
14327	68108	ZINC	5	192.7	287.5
14328	68108	ZINC	4	289.2	373.3
14331	68108	ZINC	4	157.9	214.4
14333	68108	ZINC	3	304.3	379.1
14335	68108	ZINC	4	97.8	174.7
14343	68108	ZINC	3	204.0	208.1
14345	68108	ZINC	4	183.0	249.2
14349	68108	ZINC	4	305.0	522.0
14351	68108	ZINC	4	334.3	603.1
14354	68108	ZINC	4	158.0	184.9
14357	68108	ZINC	4	224.5	316.1
14358	68108	ZINC	3	217.2	306.6
14360	68108	ZINC	5	172.6	204.4
14366	68108	ZINC	4	247.1	312.7
14369	68108	ZINC	4	383.7	566.0
14370	68108	ZINC	4	80.1	108.9
14372	68108	ZINC	5	246.1	352.2
14379	68108	ZINC	5	223.9	405.7
14389	68108	ZINC	3	200.9	224.3
14391	68108	ZINC	4	104.0	133.0
14401	68108	ZINC	4	313.3	389.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14414	68108	ZINC	4	195.0	289.3
14418	68108	ZINC	4	355.6	387.0
14421	68108	ZINC	4	113.6	131.1
14433	68108	ZINC	4	150.7	164.1
14438	68108	ZINC	5	211.2	240.6
14440	68108	ZINC	4	307.7	369.2
14442	68108	ZINC	5	224.9	312.3
14444	68108	ZINC	4	309.8	368.4
14445	68108	ZINC	4	217.7	238.7
14449	68108	ZINC	4	247.7	339.0
14455	68108	ZINC	3	306.6	345.2
14458	68108	ZINC	4	119.3	131.5
14461	68108	ZINC	4	228.7	352.0
14466	68108	ZINC	5	266.5	539.9
14468	68108	ZINC	3	419.1	653.1
14474	68108	ZINC	4	255.7	413.6
14476	68108	ZINC	4	182.1	224.9
14480	68108	ZINC	4	138.5	174.0
14481	68108	ZINC	4	276.5	472.0
14486	68108	ZINC	4	150.5	171.6
14488	68108	ZINC	4	166.4	225.1
14490	68108	ZINC	4	357.2	404.6
14491	68108	ZINC	4	183.0	233.3
14493	68108	ZINC	5	146.9	180.7
14494	68108	ZINC	5	135.9	218.9
14496	68108	ZINC	4	168.5	186.2
14497	68108	ZINC	3	207.3	289.1
14501	68108	ZINC	5	147.8	202.0
14503	68108	ZINC	4	147.9	153.3
14518	68108	ZINC	4	270.9	301.3
14519	68108	ZINC	3	201.3	263.2
14521	68108	ZINC	5	192.5	275.1
14527	68108	ZINC	4	209.2	255.6
14529	68108	ZINC	2	285.6	340.6
14530	68108	ZINC	4	154.9	185.5
14537	68108	ZINC	4	298.4	634.1
14540	68108	ZINC	4	297.8	438.7
14545	68108	ZINC	1	267.0	267.0
14555	68108	ZINC	3	229.9	246.1
14558	68108	ZINC	4	327.7	596.2
14562	68108	ZINC	4	99.8	112.4
14563	68108	ZINC	4	435.7	604.2
14569	68108	ZINC	4	406.5	818.4
14570	68108	ZINC	4	394.5	653.5
14571	68108	ZINC	4	214.1	270.4
14573	68108	ZINC	4	262.8	336.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14574	68108	ZINC	3	182.3	263.7
14576	68108	ZINC	5	310.2	463.6
14578	68108	ZINC	5	224.4	276.3
14579	68108	ZINC	4	119.7	172.8
14580	68108	ZINC	5	166.3	227.7
14582	68108	ZINC	4	264.1	411.4
14585	68108	ZINC	4	648.8	1301.5
14586	68108	ZINC	4	343.2	747.2
14600	68108	ZINC	5	202.5	291.7
14607	68108	ZINC	4	370.0	465.3
14610	68108	ZINC	4	219.4	313.6
14613	68108	ZINC	4	217.4	278.3
14616	68108	ZINC	3	274.4	301.0
14617	68108	ZINC	4	135.5	193.0
14621	68108	ZINC	3	492.7	584.1
14622	68108	ZINC	4	216.1	290.5
14623	68108	ZINC	4	153.3	198.1
14630	68108	ZINC	4	191.7	216.4
14637	68108	ZINC	4	381.4	681.6
14638	68108	ZINC	4	339.8	397.3
14639	68108	ZINC	4	126.7	178.7
14642	68108	ZINC	4	152.0	191.7
14643	68108	ZINC	4	379.0	513.4
14660	68108	ZINC	4	293.2	337.8
14663	68108	ZINC	3	503.6	880.1
14665	68108	ZINC	4	217.9	290.1
14669	68108	ZINC	5	510.2	659.2
14670	68108	ZINC	4	367.1	568.3
14671	68108	ZINC	5	215.1	441.9
14673	68108	ZINC	4	431.1	466.4
14674	68108	ZINC	4	329.8	445.0
14675	68108	ZINC	4	267.8	321.9
14676	68108	ZINC	5	365.6	467.9
14683	68108	ZINC	4	444.5	783.3
14684	68108	ZINC	3	257.9	387.3
14685	68108	ZINC	4	163.6	208.1
14692	68108	ZINC	4	335.1	570.7
14697	68108	ZINC	1	91.9	91.9
14700	68108	ZINC	4	427.9	613.0
14701	68108	ZINC	4	298.8	319.4
14710	68108	ZINC	4	337.6	387.2
14713	68108	ZINC	3	178.3	220.6
14715	68108	ZINC	4	178.8	224.1
14716	68108	ZINC	2	220.7	240.1
14720	68108	ZINC	4	147.7	168.7
14728	68108	ZINC	5	214.3	431.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14729	68108	ZINC	4	98.9	109.6
14732	68108	ZINC	5	237.9	295.6
14736	68108	ZINC	4	213.5	249.7
14742	68108	ZINC	3	237.8	270.8
14745	68108	ZINC	5	831.3	3593.1
14747	68108	ZINC	2	257.7	272.7
14748	68108	ZINC	4	248.1	292.3
14754	68108	ZINC	4	455.8	1075.2
14770	68108	ZINC	4	176.8	262.2
14771	68108	ZINC	3	173.6	185.7
14773	68108	ZINC	4	140.3	144.4
14782	68108	ZINC	4	94.5	129.2
14785	68108	ZINC	5	203.1	274.9
14786	68108	ZINC	4	202.9	279.3
14789	68108	ZINC	4	184.1	278.5
14795	68108	ZINC	4	211.4	292.1
14796	68108	ZINC	4	100.4	130.1
14800	68108	ZINC	4	209.1	315.5
14803	68108	ZINC	4	429.2	654.4
14804	68108	ZINC	5	138.9	152.9
14807	68108	ZINC	4	284.7	363.0
14808	68108	ZINC	3	232.7	320.3
14815	68108	ZINC	4	404.7	642.3
14816	68108	ZINC	4	272.3	322.5
14818	68108	ZINC	4	317.1	544.4
14825	68108	ZINC	4	664.7	1420.0
14827	68108	ZINC	4	244.9	297.9
14830	68108	ZINC	4	345.3	437.7
14831	68108	ZINC	2	440.8	485.8
14832	68108	ZINC	5	237.5	355.7
14835	68108	ZINC	4	282.0	307.8
14839	68108	ZINC	4	226.8	333.5
14841	68108	ZINC	4	246.9	350.9
14847	68108	ZINC	4	218.6	240.1
14848	68108	ZINC	3	279.0	296.1
14849	68108	ZINC	4	206.0	216.0
14850	68108	ZINC	6	228.6	445.1
14851	68108	ZINC	3	579.7	853.3
14853	68108	ZINC	4	238.6	303.1
14855	68108	ZINC	4	320.2	468.0
14856	68108	ZINC	2	250.5	278.6
14859	68108	ZINC	4	287.8	389.7
14862	68108	ZINC	2	434.3	655.7
14867	68108	ZINC	4	387.3	526.4
14868	68108	ZINC	3	497.4	561.5
14870	68108	ZINC	4	423.0	517.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
14871	68108	ZINC	4	259.2	365.5
14878	68108	ZINC	4	225.9	333.8
14879	68108	ZINC	4	254.4	350.3
14888	68108	ZINC	4	411.3	622.5
14890	68108	ZINC	4	199.5	249.7
14891	68108	ZINC	5	176.8	255.7
14894	68108	ZINC	5	236.2	427.1
14895	68108	ZINC	5	165.8	292.2
14901	68108	ZINC	5	248.1	300.8
14902	68108	ZINC	4	156.2	164.2
14903	68108	ZINC	5	226.6	300.2
14904	68108	ZINC	4	164.6	377.7
14907	68108	ZINC	3	399.3	568.8
14911	68108	ZINC	4	185.6	217.9
14912	68108	ZINC	4	169.4	204.6
14914	68108	ZINC	4	477.0	780.5
14925	68108	ZINC	4	236.5	293.1
14931	68108	ZINC	5	379.4	579.1
14932	68108	ZINC	4	282.7	339.1
14933	68108	ZINC	4	226.0	256.7
14935	68108	ZINC	3	480.9	698.4
14940	68108	ZINC	4	257.2	354.4
14941	68108	ZINC	4	240.7	295.7
14944	68108	ZINC	3	324.8	444.2
14946	68108	ZINC	3	240.5	288.2
14947	68108	ZINC	4	418.0	512.0
14953	68108	ZINC	4	146.3	202.8
14960	68108	ZINC	3	629.5	876.2
14961	68108	ZINC	2	526.7	534.2
14963	68108	ZINC	3	175.1	210.3
14968	68108	ZINC	4	237.5	327.6
14973	68108	ZINC	3	276.4	324.1
14977	68108	ZINC	4	223.7	245.7
14983	68108	ZINC	4	271.1	322.8
14987	68108	ZINC	4	467.1	573.3
14989	68108	ZINC	2	209.5	250.0
14996	68108	ZINC	4	288.9	395.0
14997	68108	ZINC	4	436.4	581.7
14998	68108	ZINC	4	497.2	1231.4
15001	68108	ZINC	4	207.3	230.9
15002	68108	ZINC	4	257.6	325.5
15005	68108	ZINC	4	235.5	265.1
15007	68108	ZINC	3	206.8	269.2
15021	68108	ZINC	4	316.9	633.2
15023	68108	ZINC	4	149.5	196.9
15026	68108	ZINC	2	427.2	428.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15030	68108	ZINC	4	128.7	166.4
15034	68108	ZINC	4	317.6	425.6
15039	68108	ZINC	4	164.7	298.6
15046	68108	ZINC	4	254.0	381.7
15049	68108	ZINC	3	268.4	281.0
15051	68108	ZINC	4	422.8	484.0
15053	68108	ZINC	5	283.2	340.0
15055	68108	ZINC	4	181.9	313.8
15061	68108	ZINC	5	261.0	356.6
15062	68108	ZINC	4	168.5	185.5
15067	68108	ZINC	3	396.2	505.1
15069	68108	ZINC	4	434.3	658.0
15070	68108	ZINC	5	197.0	288.8
15073	68108	ZINC	5	214.2	258.8
15075	68108	ZINC	5	213.4	328.8
15081	68108	ZINC	5	428.8	617.3
15085	68108	ZINC	4	234.6	426.1
15087	68108	ZINC	4	144.0	187.5
15093	68108	ZINC	4	336.8	422.9
15098	68108	ZINC	4	194.0	244.1
15103	68108	ZINC	3	257.8	313.1
15107	68108	ZINC	2	306.3	376.5
15112	68108	ZINC	4	186.2	239.2
15115	68108	ZINC	4	316.0	351.5
15116	68108	ZINC	2	292.6	352.0
15117	68108	ZINC	4	326.0	352.0
15118	68108	ZINC	4	324.4	375.7
15120	68108	ZINC	4	315.3	407.6
15127	68108	ZINC	2	237.8	248.7
15135	68108	ZINC	4	803.3	2110.0
15138	68108	ZINC	4	227.8	381.2
15140	68108	ZINC	4	410.7	747.2
15143	68108	ZINC	5	225.4	301.2
15146	68108	ZINC	4	268.7	400.9
15147	68108	ZINC	4	336.9	534.5
15148	68108	ZINC	4	200.6	224.3
15151	68108	ZINC	4	243.5	283.3
15152	68108	ZINC	4	371.8	590.2
15156	68108	ZINC	4	159.0	186.7
15165	68108	ZINC	4	218.9	260.6
15174	68108	ZINC	4	245.1	347.0
15176	68108	ZINC	4	107.5	114.6
15185	68108	ZINC	4	448.8	839.1
15186	68108	ZINC	3	183.5	195.7
15187	68108	ZINC	2	306.2	353.3
15188	68108	ZINC	5	315.8	365.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15195	68108	ZINC	4	159.9	209.0
15196	68108	ZINC	3	318.7	382.9
15201	68108	ZINC	4	291.7	470.3
15204	68108	ZINC	4	240.2	306.4
15205	68108	ZINC	4	259.1	326.1
15207	68108	ZINC	4	203.0	256.2
15209	68108	ZINC	4	460.6	749.8
15212	68108	ZINC	4	296.1	344.1
15214	68108	ZINC	4	153.9	203.8
15224	68108	ZINC	4	150.8	237.4
15226	68108	ZINC	4	315.8	387.7
15228	68108	ZINC	4	187.7	230.5
15235	68108	ZINC	5	352.9	452.6
15242	68108	ZINC	4	118.0	129.8
15243	68108	ZINC	2	188.0	199.1
15248	68108	ZINC	5	82.3	99.1
15251	68108	ZINC	3	296.8	453.7
15254	68108	ZINC	4	230.7	274.9
15256	68108	ZINC	4	608.1	714.9
15259	68108	ZINC	5	318.9	474.4
15266	68108	ZINC	5	299.1	390.1
15270	68108	ZINC	5	172.6	628.3
15272	68108	ZINC	4	344.7	498.4
15273	68108	ZINC	5	101.5	167.4
15276	68108	ZINC	5	365.1	639.6
15281	68108	ZINC	3	233.0	313.1
15289	68108	ZINC	5	249.2	334.5
15296	68108	ZINC	4	165.6	193.1
15304	68108	ZINC	3	289.8	469.9
15312	68108	ZINC	4	255.2	358.4
15322	68108	ZINC	4	191.8	296.8
15324	68108	ZINC	3	329.3	365.8
15326	68108	ZINC	4	413.0	469.8
15327	68108	ZINC	3	448.0	479.3
15328	68108	ZINC	4	134.0	181.4
15330	68108	ZINC	5	191.7	218.8
15337	68108	ZINC	5	364.8	492.0
15339	68108	ZINC	4	241.6	312.9
15353	68108	ZINC	4	246.3	328.1
15356	68108	ZINC	4	303.1	377.0
15359	68108	ZINC	4	407.2	696.6
15364	68108	ZINC	4	331.8	592.6
15368	68108	ZINC	3	645.7	1030.8
15381	68108	ZINC	5	275.8	325.8
15383	68108	ZINC	5	309.1	478.3
15387	68108	ZINC	4	217.0	313.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15391	68108	ZINC	5	337.8	391.0
15396	68108	ZINC	3	214.2	273.1
15401	68108	ZINC	5	81.9	118.1
15403	68108	ZINC	4	127.1	135.8
15404	68108	ZINC	4	240.0	318.7
15405	68108	ZINC	3	185.6	348.7
15408	68108	ZINC	5	280.4	339.0
15411	68108	ZINC	4	343.2	604.6
15412	68108	ZINC	4	257.1	345.7
15413	68108	ZINC	4	141.4	172.0
15414	68108	ZINC	3	196.4	232.0
15415	68108	ZINC	3	399.4	500.4
15418	68108	ZINC	4	342.4	538.0
15419	68108	ZINC	4	361.1	647.7
15420	68108	ZINC	4	350.7	415.9
15422	68108	ZINC	5	153.3	265.1
15423	68108	ZINC	4	116.5	138.7
15424	68108	ZINC	6	346.8	525.9
15425	68108	ZINC	3	261.4	329.1
15428	68108	ZINC	4	214.0	287.8
15429	68108	ZINC	5	152.9	177.9
15431	68108	ZINC	4	236.1	355.3
15432	68108	ZINC	4	91.8	101.8
15435	68108	ZINC	5	203.6	410.2
15437	68108	ZINC	4	470.3	590.2
15439	68108	ZINC	3	280.3	314.7
15441	68108	ZINC	4	148.6	157.5
15443	68108	ZINC	5	325.9	535.0
15446	68108	ZINC	3	572.4	664.4
15448	68108	ZINC	2	257.7	297.4
15451	68108	ZINC	4	315.2	600.6
15458	68108	ZINC	4	350.3	470.7
15459	68108	ZINC	3	175.2	201.4
15465	68108	ZINC	4	255.7	317.3
15468	68108	ZINC	4	244.1	322.1
15469	68108	ZINC	4	135.2	194.7
15471	68108	ZINC	2	349.2	378.1
15472	68108	ZINC	2	193.9	204.6
15475	68108	ZINC	4	173.2	175.2
15478	68108	ZINC	4	186.1	215.4
15479	68108	ZINC	5	234.5	571.1
15481	68108	ZINC	3	442.6	758.5
15482	68108	ZINC	4	93.8	111.1
15483	68108	ZINC	4	400.8	590.2
15488	68108	ZINC	5	168.8	215.1
15490	68108	ZINC	4	207.8	372.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15491	68108	ZINC	4	152.5	206.4
15502	68108	ZINC	4	79.6	87.1
15505	68108	ZINC	4	761.9	1299.9
15506	68108	ZINC	4	128.2	191.7
15530	68108	ZINC	5	125.6	160.1
15533	68108	ZINC	3	122.8	141.3
15535	68108	ZINC	4	117.4	122.0
15538	68108	ZINC	4	204.2	431.7
15539	68108	ZINC	4	331.8	664.1
15546	68108	ZINC	4	443.3	547.2
15549	68108	ZINC	5	202.6	306.5
15552	68108	ZINC	5	194.4	238.6
15553	68108	ZINC	3	329.2	450.2
15555	68108	ZINC	3	321.4	415.5
15558	68108	ZINC	4	42.1	43.5
15559	68108	ZINC	4	238.4	329.4
15563	68108	ZINC	3	207.5	252.6
15567	68108	ZINC	4	71.5	97.5
15570	68108	ZINC	4	348.6	527.3
15572	68108	ZINC	3	248.9	273.6
15579	68108	ZINC	3	305.4	355.8
15580	68108	ZINC	4	304.8	391.3
15582	68108	ZINC	4	236.7	287.3
15583	68108	ZINC	4	229.9	339.5
15584	68108	ZINC	4	185.4	239.0
15585	68108	ZINC	4	234.6	401.6
15588	68108	ZINC	2	387.6	525.5
15589	68108	ZINC	4	283.6	522.3
15592	68108	ZINC	4	315.9	355.2
15594	68108	ZINC	4	96.0	120.7
15596	68108	ZINC	4	240.0	348.7
15597	68108	ZINC	4	356.1	482.0
15598	68108	ZINC	3	346.1	462.4
15600	68108	ZINC	5	224.8	331.3
15601	68108	ZINC	4	316.0	398.6
15603	68108	ZINC	4	162.3	216.4
15606	68108	ZINC	4	131.1	147.4
15610	68108	ZINC	4	282.9	753.7
15614	68108	ZINC	4	208.5	281.3
15615	68108	ZINC	4	275.4	336.6
15616	68108	ZINC	5	274.3	407.1
15617	68108	ZINC	4	242.1	422.0
15618	68108	ZINC	4	129.9	139.0
15619	68108	ZINC	5	236.9	718.5
15624	68108	ZINC	4	167.5	172.4
15625	68108	ZINC	4	256.3	353.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15628	68108	ZINC	3	205.5	250.8
15630	68108	ZINC	5	133.7	232.1
15632	68108	ZINC	4	373.8	433.5
15635	68108	ZINC	4	217.4	324.0
15643	68108	ZINC	4	241.7	342.5
15646	68108	ZINC	4	408.0	591.5
15649	68108	ZINC	5	350.4	459.1
15650	68108	ZINC	4	451.5	660.5
15652	68108	ZINC	5	356.1	530.9
15656	68108	ZINC	4	135.3	157.4
15658	68108	ZINC	4	488.9	854.7
15662	68108	ZINC	4	204.9	273.7
15672	68108	ZINC	4	103.8	114.9
15674	68108	ZINC	3	438.6	547.2
15675	68108	ZINC	4	251.0	357.9
15679	68108	ZINC	4	171.8	215.9
15680	68108	ZINC	4	220.0	355.2
15683	68108	ZINC	5	201.9	254.2
15687	68108	ZINC	4	282.3	371.0
15689	68108	ZINC	4	144.0	165.0
15692	68108	ZINC	3	191.6	219.4
15699	68108	ZINC	4	136.8	178.5
15703	68108	ZINC	1	277.5	277.5
15704	68108	ZINC	4	122.8	130.9
15706	68108	ZINC	4	241.0	335.2
15707	68108	ZINC	4	455.2	943.1
15710	68108	ZINC	4	238.5	326.3
15711	68108	ZINC	4	169.7	190.0
15714	68108	ZINC	4	181.0	193.0
15719	68108	ZINC	5	293.4	636.9
15720	68108	ZINC	4	171.0	246.8
15725	68108	ZINC	4	251.1	275.8
15726	68108	ZINC	5	108.4	197.6
15727	68108	ZINC	4	318.3	473.3
15734	68108	ZINC	4	478.7	917.7
15739	68108	ZINC	5	152.5	246.1
15740	68108	ZINC	6	83.2	165.3
15742	68108	ZINC	3	407.1	415.8
15747	68108	ZINC	2	239.5	251.6
15748	68108	ZINC	4	278.5	371.0
15750	68108	ZINC	5	287.7	393.7
15759	68108	ZINC	4	211.9	228.8
15760	68108	ZINC	4	397.8	609.1
15762	68108	ZINC	4	329.6	556.5
15763	68108	ZINC	4	108.8	121.6
15764	68108	ZINC	2	336.1	346.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15766	68108	ZINC	3	390.7	464.2
15768	68108	ZINC	4	142.9	209.7
15772	68108	ZINC	3	290.0	432.4
15773	68108	ZINC	4	269.9	418.1
15775	68108	ZINC	4	319.8	402.8
15777	68108	ZINC	4	249.3	286.6
15785	68108	ZINC	4	327.1	544.3
15787	68108	ZINC	4	729.9	1121.2
15788	68108	ZINC	4	109.1	117.4
15790	68108	ZINC	4	127.9	204.4
15791	68108	ZINC	5	206.3	266.0
15793	68108	ZINC	3	288.5	394.0
15794	68108	ZINC	3	228.6	276.7
15795	68108	ZINC	5	271.6	685.0
15796	68108	ZINC	4	83.8	115.6
15799	68108	ZINC	2	196.6	263.5
15800	68108	ZINC	4	282.8	457.1
15807	68108	ZINC	4	117.0	165.6
15809	68108	ZINC	4	146.0	165.4
15813	68108	ZINC	5	202.8	246.4
15814	68108	ZINC	4	886.0	2483.0
15817	68108	ZINC	5	221.3	263.3
15819	68108	ZINC	3	382.8	437.8
15822	68108	ZINC	5	206.3	285.6
15826	68108	ZINC	4	1137.4	3852.3
15827	68108	ZINC	5	135.9	158.8
15828	68108	ZINC	4	375.4	522.3
15830	68108	ZINC	3	205.5	245.5
15833	68108	ZINC	4	316.5	522.8
15837	68108	ZINC	5	101.3	112.1
15841	68108	ZINC	3	253.8	394.1
15844	68108	ZINC	4	173.8	215.3
15845	68108	ZINC	4	103.9	150.2
15847	68108	ZINC	3	202.3	234.3
15850	68108	ZINC	5	221.0	343.8
15851	68108	ZINC	4	244.2	313.1
15852	68108	ZINC	4	338.6	579.1
15853	68108	ZINC	4	278.9	338.5
15854	68108	ZINC	4	189.7	201.1
15855	68108	ZINC	3	296.0	420.8
15857	68108	ZINC	2	361.7	478.5
15859	68108	ZINC	4	301.7	369.4
15861	68108	ZINC	4	309.8	344.8
15865	68108	ZINC	4	272.6	283.8
15866	68108	ZINC	5	207.2	311.3
15869	68108	ZINC	4	208.9	264.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15874	68108	ZINC	4	333.0	523.5
15876	68108	ZINC	4	148.0	174.9
15877	68108	ZINC	4	228.1	243.0
15878	68108	ZINC	4	232.8	244.6
15881	68108	ZINC	5	403.5	1127.3
15883	68108	ZINC	4	203.1	259.4
15885	68108	ZINC	5	213.1	312.3
15887	68108	ZINC	4	431.3	781.7
15888	68108	ZINC	2	650.1	755.9
15893	68108	ZINC	4	389.9	427.0
15895	68108	ZINC	4	240.4	277.4
15902	68108	ZINC	4	185.7	219.7
15903	68108	ZINC	4	121.0	143.5
15906	68108	ZINC	4	248.4	350.6
15913	68108	ZINC	4	229.6	259.6
15915	68108	ZINC	5	407.6	661.0
15917	68108	ZINC	6	148.2	199.5
15919	68108	ZINC	3	137.1	144.3
15920	68108	ZINC	4	113.3	122.4
15923	68108	ZINC	5	268.9	337.6
15927	68108	ZINC	4	207.2	356.4
15929	68108	ZINC	4	270.4	353.2
15930	68108	ZINC	4	220.1	302.2
15931	68108	ZINC	4	172.3	347.2
15934	68108	ZINC	4	250.1	414.1
15939	68108	ZINC	2	371.8	498.7
15941	68108	ZINC	5	192.1	326.0
15942	68108	ZINC	4	142.0	238.2
15946	68108	ZINC	4	180.4	284.7
15947	68108	ZINC	5	374.7	926.1
15948	68108	ZINC	5	185.6	236.5
15954	68108	ZINC	5	189.8	261.0
15955	68108	ZINC	5	213.9	260.9
15961	68108	ZINC	5	640.2	2369.1
15963	68108	ZINC	4	351.0	865.6
15965	68108	ZINC	3	310.3	349.6
15966	68108	ZINC	3	413.6	440.7
15971	68108	ZINC	3	435.2	514.1
15972	68108	ZINC	5	177.0	194.8
15973	68108	ZINC	4	238.4	251.4
15974	68108	ZINC	4	236.0	275.0
15977	68108	ZINC	4	591.8	1314.7
15980	68108	ZINC	4	294.6	317.1
15982	68108	ZINC	4	285.9	342.8
15983	68108	ZINC	3	373.5	561.3
15984	68108	ZINC	4	153.5	232.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
15987	68108	ZINC	4	260.9	345.9
15989	68108	ZINC	3	583.5	774.8
15990	68108	ZINC	4	225.1	273.1
15993	68108	ZINC	4	70.7	117.8
15995	68108	ZINC	4	111.5	117.5
15998	68108	ZINC	4	259.5	340.0
16001	68108	ZINC	2	312.8	316.3
16003	68108	ZINC	4	50.2	69.6
16005	68108	ZINC	5	69.5	111.0
16006	68108	ZINC	4	201.2	287.3
16011	68108	ZINC	2	425.7	536.8
16012	68108	ZINC	4	204.5	260.0
16013	68108	ZINC	3	367.4	428.8
16021	68108	ZINC	2	545.4	641.5
16024	68108	ZINC	5	308.9	365.6
16025	68108	ZINC	4	105.3	112.3
16028	68108	ZINC	2	281.6	364.1
16029	68108	ZINC	1	709.4	709.4
16030	68108	ZINC	3	291.0	319.9
16032	68108	ZINC	4	373.0	490.7
16033	68108	ZINC	5	131.8	190.1
16036	68108	ZINC	4	434.1	634.1
16039	68108	ZINC	4	410.4	622.1
16040	68108	ZINC	4	346.4	486.5
16041	68108	ZINC	3	336.7	424.5
16042	68108	ZINC	4	300.2	433.0
16043	68108	ZINC	3	327.7	379.8
16046	68108	ZINC	5	469.1	1648.7
16050	68108	ZINC	4	133.4	140.1
16051	68108	ZINC	4	352.1	435.5
16075	68108	ZINC	5	110.1	143.5
16077	68108	ZINC	5	464.3	548.6
16079	68108	ZINC	4	276.2	413.4
16080	68108	ZINC	4	450.2	937.9
16086	68108	ZINC	4	119.8	140.1
16097	68108	ZINC	4	528.6	787.2
16100	68108	ZINC	3	281.6	371.7
16101	68108	ZINC	3	211.1	244.6
16104	68108	ZINC	3	418.7	514.6
16105	68108	ZINC	5	138.4	157.8
16106	68108	ZINC	4	142.4	145.4
16107	68108	ZINC	4	252.6	323.8
16117	68108	ZINC	4	235.0	320.4
16120	68108	ZINC	4	233.5	268.6
16126	68108	ZINC	5	199.1	242.7
16128	68108	ZINC	5	251.4	335.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16133	68108	ZINC	4	300.1	368.0
16135	68108	ZINC	4	275.9	692.6
16137	68108	ZINC	4	277.6	404.0
16138	68108	ZINC	4	183.2	215.7
16143	68108	ZINC	4	120.1	151.4
16145	68108	ZINC	4	149.3	167.0
16153	68108	ZINC	4	200.3	246.7
16156	68108	ZINC	3	767.9	1229.0
16157	68108	ZINC	2	309.6	419.9
16162	68108	ZINC	4	157.7	171.1
16163	68108	ZINC	3	419.0	736.5
16164	68108	ZINC	5	287.5	331.8
16165	68108	ZINC	4	317.0	398.7
16170	68108	ZINC	4	248.8	353.9
16175	68108	ZINC	4	213.6	477.7
16177	68108	ZINC	4	322.3	415.9
16187	68108	ZINC	4	384.1	913.0
16190	68108	ZINC	5	328.2	468.7
16192	68108	ZINC	4	317.2	411.3
16194	68108	ZINC	5	279.6	371.1
16197	68108	ZINC	3	317.0	497.6
16200	68108	ZINC	4	429.0	659.4
16201	68108	ZINC	3	382.0	454.5
16203	68108	ZINC	2	419.7	451.4
16204	68108	ZINC	4	389.4	590.2
16205	68108	ZINC	4	444.6	570.4
16207	68108	ZINC	4	103.2	120.4
16208	68108	ZINC	5	343.4	515.9
16214	68108	ZINC	4	248.2	351.2
16215	68108	ZINC	3	312.3	502.7
16217	68108	ZINC	5	320.5	384.3
16218	68108	ZINC	3	514.9	547.8
16222	68108	ZINC	3	506.9	876.5
16225	68108	ZINC	4	93.2	136.7
16226	68108	ZINC	3	453.2	606.8
16239	68108	ZINC	3	687.9	1172.8
16245	68108	ZINC	4	272.0	349.6
16251	68108	ZINC	4	291.7	650.1
16252	68108	ZINC	2	403.2	414.3
16253	68108	ZINC	4	445.4	625.7
16254	68108	ZINC	3	353.1	414.6
16256	68108	ZINC	4	273.4	438.9
16258	68108	ZINC	5	236.8	266.3
16259	68108	ZINC	4	240.3	305.6
16260	68108	ZINC	4	291.3	355.6
16261	68108	ZINC	5	166.9	236.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16262	68108	ZINC	4	226.4	263.5
16266	68108	ZINC	4	136.3	156.4
16267	68108	ZINC	4	259.1	430.8
16273	68108	ZINC	4	413.3	596.6
16277	68108	ZINC	3	196.2	239.3
16279	68108	ZINC	6	219.7	257.1
16280	68108	ZINC	2	156.3	182.3
16282	68108	ZINC	4	236.5	419.2
16284	68108	ZINC	3	302.3	342.7
16285	68108	ZINC	4	374.1	443.1
16288	68108	ZINC	5	244.6	330.1
16291	68108	ZINC	3	282.0	375.4
16294	68108	ZINC	4	313.4	611.3
16299	68108	ZINC	5	170.7	254.3
16300	68108	ZINC	4	229.7	312.7
16305	68108	ZINC	5	72.8	112.2
16307	68108	ZINC	4	433.4	568.4
16310	68108	ZINC	3	201.6	270.3
16311	68108	ZINC	4	242.5	293.0
16313	68108	ZINC	4	255.0	364.7
16316	68108	ZINC	4	161.1	198.7
16319	68108	ZINC	4	392.0	490.0
16320	68108	ZINC	5	310.5	357.4
16322	68108	ZINC	3	462.6	718.5
16323	68108	ZINC	4	498.1	953.9
16328	68108	ZINC	3	542.7	744.0
16330	68108	ZINC	5	212.9	306.9
16338	68108	ZINC	4	101.5	145.6
16339	68108	ZINC	4	247.4	366.4
16340	68108	ZINC	4	242.5	287.4
16341	68108	ZINC	3	272.5	308.6
16344	68108	ZINC	5	66.8	115.8
16348	68108	ZINC	4	119.9	202.6
16349	68108	ZINC	5	276.6	433.3
16353	68108	ZINC	5	234.7	300.1
16354	68108	ZINC	4	355.9	524.6
16360	68108	ZINC	4	202.9	268.9
16361	68108	ZINC	3	154.9	195.9
16362	68108	ZINC	4	157.9	165.9
16366	68108	ZINC	4	150.7	163.5
16367	68108	ZINC	4	360.0	487.9
16369	68108	ZINC	4	307.1	594.4
16373	68108	ZINC	4	304.5	402.0
16374	68108	ZINC	2	264.2	264.9
16376	68108	ZINC	4	584.5	936.2
16377	68108	ZINC	3	303.9	392.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16379	68108	ZINC	3	276.7	344.3
16383	68108	ZINC	4	222.5	249.1
16386	68108	ZINC	2	231.1	256.6
16388	68108	ZINC	4	204.3	341.8
16401	68108	ZINC	4	235.0	265.2
16403	68108	ZINC	5	328.0	717.7
16404	68108	ZINC	4	469.5	607.7
16405	68108	ZINC	4	275.2	364.3
16407	68108	ZINC	2	334.0	353.3
16409	68108	ZINC	2	175.5	195.0
16410	68108	ZINC	4	276.3	357.3
16414	68108	ZINC	4	201.4	244.3
16416	68108	ZINC	5	248.6	378.5
16419	68108	ZINC	4	336.7	387.6
16423	68108	ZINC	4	387.8	509.7
16425	68108	ZINC	4	211.2	287.3
16431	68108	ZINC	5	341.4	381.7
16433	68108	ZINC	3	181.3	193.4
16435	68108	ZINC	2	521.9	617.5
16441	68108	ZINC	2	216.0	219.5
16442	68108	ZINC	4	279.8	373.4
16446	68108	ZINC	4	346.7	480.1
16448	68108	ZINC	2	199.2	209.6
16452	68108	ZINC	4	274.8	394.6
16455	68108	ZINC	4	195.4	216.7
16457	68108	ZINC	5	158.2	194.6
16460	68108	ZINC	4	238.8	261.5
16468	68108	ZINC	3	208.3	230.8
16470	68108	ZINC	4	237.1	308.7
16474	68108	ZINC	4	191.4	267.6
16476	68108	ZINC	5	150.2	179.8
16482	68108	ZINC	4	342.5	436.9
16483	68108	ZINC	4	293.3	396.8
16489	68108	ZINC	4	196.2	236.8
16497	68108	ZINC	2	100.0	106.7
16498	68108	ZINC	4	195.0	272.7
16502	68108	ZINC	5	273.4	369.2
16504	68108	ZINC	4	324.1	462.6
16508	68108	ZINC	5	231.1	304.4
16510	68108	ZINC	3	329.3	338.3
16512	68108	ZINC	4	357.8	490.4
16514	68108	ZINC	4	90.2	170.5
16515	68108	ZINC	4	353.0	435.5
16517	68108	ZINC	2	269.5	284.5
16520	68108	ZINC	1	199.6	199.6
16521	68108	ZINC	4	194.4	261.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16522	68108	ZINC	4	179.2	258.0
16525	68108	ZINC	4	442.5	962.2
16526	68108	ZINC	4	156.9	195.4
16527	68108	ZINC	5	185.5	276.0
16529	68108	ZINC	4	181.4	251.6
16530	68108	ZINC	4	1298.4	3297.7
16531	68108	ZINC	5	317.8	397.7
16532	68108	ZINC	4	338.2	665.0
16536	68108	ZINC	4	297.3	519.6
16538	68108	ZINC	3	287.9	487.6
16539	68108	ZINC	4	176.3	210.4
16542	68108	ZINC	3	192.4	229.4
16547	68108	ZINC	5	283.2	427.2
16548	68108	ZINC	5	231.6	323.8
16549	68108	ZINC	4	336.7	499.5
16551	68108	ZINC	5	263.8	390.6
16552	68108	ZINC	4	593.2	682.7
16554	68108	ZINC	5	284.5	466.3
16556	68108	ZINC	4	195.8	295.3
16558	68108	ZINC	1	311.7	311.7
16560	68108	ZINC	3	219.2	252.3
16561	68108	ZINC	4	233.6	291.3
16567	68108	ZINC	4	132.8	193.3
16577	68108	ZINC	3	255.5	344.0
16579	68108	ZINC	5	137.2	159.5
16581	68108	ZINC	4	356.0	386.5
16582	68108	ZINC	4	169.0	251.6
16583	68108	ZINC	4	195.3	224.5
16584	68108	ZINC	4	255.9	304.5
16586	68108	ZINC	4	111.8	182.5
16588	68108	ZINC	4	127.2	136.3
16590	68108	ZINC	4	163.7	209.2
16592	68108	ZINC	4	204.4	365.7
16593	68108	ZINC	5	199.8	312.9
16594	68108	ZINC	5	155.0	227.0
16595	68108	ZINC	5	215.2	245.9
16596	68108	ZINC	4	362.3	532.7
16599	68108	ZINC	4	199.8	250.0
16603	68108	ZINC	4	254.4	294.5
16604	68108	ZINC	4	357.1	488.1
16606	68108	ZINC	4	263.0	361.7
16608	68108	ZINC	4	228.0	245.9
16610	68108	ZINC	4	130.6	141.8
16612	68108	ZINC	4	378.4	428.7
16616	68108	ZINC	4	254.3	279.5
16617	68108	ZINC	2	194.3	211.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16620	68108	ZINC	3	261.5	274.9
16625	68108	ZINC	4	151.9	247.9
16626	68108	ZINC	4	307.8	417.8
16627	68108	ZINC	4	473.5	578.1
16629	68108	ZINC	4	288.3	303.7
16632	68108	ZINC	4	243.7	349.8
16633	68108	ZINC	4	249.3	352.2
16635	68108	ZINC	2	291.9	340.4
16636	68108	ZINC	4	288.9	359.1
16637	68108	ZINC	3	271.7	477.5
16640	68108	ZINC	4	423.5	512.8
16644	68108	ZINC	4	221.5	291.2
16645	68108	ZINC	4	167.2	187.8
16648	68108	ZINC	3	574.3	664.2
16652	68108	ZINC	3	400.4	614.8
16653	68108	ZINC	4	225.2	337.7
16655	68108	ZINC	4	172.2	213.6
16663	68108	ZINC	2	233.0	238.8
16664	68108	ZINC	4	349.7	456.6
16665	68108	ZINC	3	186.3	252.1
16666	68108	ZINC	4	435.8	543.2
16667	68108	ZINC	5	224.0	290.4
16670	68108	ZINC	3	413.6	447.6
16672	68108	ZINC	5	217.4	286.1
16673	68108	ZINC	4	325.9	441.8
16674	68108	ZINC	4	525.3	1565.1
16676	68108	ZINC	2	218.4	257.6
16677	68108	ZINC	4	139.8	202.7
16682	68108	ZINC	5	96.6	125.2
16683	68108	ZINC	4	201.2	244.7
16685	68108	ZINC	4	272.3	309.2
16686	68108	ZINC	4	255.7	393.5
16687	68108	ZINC	4	212.3	343.7
16693	68108	ZINC	3	301.5	486.8
16695	68108	ZINC	5	290.9	414.6
16701	68108	ZINC	4	271.8	397.3
16702	68108	ZINC	4	570.8	901.7
16705	68108	ZINC	4	284.3	301.1
16711	68108	ZINC	3	454.2	565.8
16712	68108	ZINC	4	279.7	371.2
16718	68108	ZINC	4	369.1	533.7
16720	68108	ZINC	4	242.2	399.5
16724	68108	ZINC	4	231.6	358.7
16730	68108	ZINC	5	208.8	233.9
16733	68108	ZINC	4	320.9	343.5
16735	68108	ZINC	4	396.9	589.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16746	68108	ZINC	4	263.7	371.9
16756	68108	ZINC	5	110.9	127.5
16767	68108	ZINC	5	165.0	308.8
16768	68108	ZINC	5	106.6	136.1
16769	68108	ZINC	5	244.7	261.6
16770	68108	ZINC	4	127.6	156.4
16771	68108	ZINC	3	497.2	596.7
16774	68108	ZINC	4	365.4	430.3
16776	68108	ZINC	4	257.2	391.9
16778	68108	ZINC	3	469.0	562.5
16780	68108	ZINC	4	226.5	244.6
16782	68108	ZINC	4	171.4	217.4
16786	68108	ZINC	4	257.3	422.4
16787	68108	ZINC	4	191.9	316.7
16789	68108	ZINC	4	255.6	293.8
16790	68108	ZINC	4	275.4	433.1
16795	68108	ZINC	4	188.2	317.6
16796	68108	ZINC	5	168.4	214.2
16797	68108	ZINC	4	233.1	262.2
16804	68108	ZINC	4	176.7	241.1
16805	68108	ZINC	5	250.0	330.0
16809	68108	ZINC	4	367.1	617.8
16813	68108	ZINC	3	434.3	498.0
16819	68108	ZINC	4	169.1	202.9
16822	68108	ZINC	4	403.9	660.3
16823	68108	ZINC	6	196.6	246.0
16833	68108	ZINC	4	286.0	385.9
16834	68108	ZINC	4	265.3	371.0
16837	68108	ZINC	4	375.4	538.3
16845	68108	ZINC	4	276.5	348.9
16846	68108	ZINC	4	351.4	424.4
16847	68108	ZINC	4	373.4	419.1
16848	68108	ZINC	5	211.8	308.7
16852	68108	ZINC	5	247.0	292.8
16853	68108	ZINC	3	275.8	420.8
16854	68108	ZINC	4	539.4	584.3
16855	68108	ZINC	4	309.4	391.5
16856	68108	ZINC	4	141.9	189.9
16857	68108	ZINC	4	603.0	1234.4
16863	68108	ZINC	3	134.5	144.0
16864	68108	ZINC	3	391.3	480.5
16868	68108	ZINC	4	291.8	423.1
16870	68108	ZINC	5	177.2	283.5
16872	68108	ZINC	4	179.2	256.4
16873	68108	ZINC	4	217.2	414.2
16878	68108	ZINC	3	265.5	423.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
16879	68108	ZINC	4	179.9	311.7
16883	68108	ZINC	5	214.8	301.6
16886	68108	ZINC	3	297.9	366.7
16894	68108	ZINC	3	514.8	807.1
16897	68108	ZINC	4	340.2	457.2
16898	68108	ZINC	4	209.3	299.6
16899	68108	ZINC	2	339.0	460.4
16902	68108	ZINC	4	153.8	272.5
16905	68108	ZINC	3	743.9	775.1
16908	68108	ZINC	4	221.7	242.8
16909	68108	ZINC	5	496.9	717.3
16910	68108	ZINC	4	467.8	756.7
16912	68108	ZINC	4	326.7	414.6
16914	68108	ZINC	4	318.4	498.6
16915	68108	ZINC	5	260.4	307.5
16935	68108	ZINC	5	306.9	392.4
16948	68108	ZINC	4	287.4	345.4
16951	68108	ZINC	4	231.0	300.7
16952	68108	ZINC	4	500.8	637.1
16955	68108	ZINC	5	347.0	503.0
16964	68108	ZINC	5	233.2	305.4
16966	68108	ZINC	4	304.7	599.7
16968	68108	ZINC	4	137.1	149.1
16969	68108	ZINC	4	178.3	225.2
16972	68108	ZINC	4	238.1	334.0
16973	68108	ZINC	4	296.6	371.9
16979	68108	ZINC	4	298.9	348.2
16981	68108	ZINC	4	228.4	326.5
16987	68108	ZINC	4	276.8	433.3
16988	68108	ZINC	4	299.0	422.8
16989	68108	ZINC	4	194.2	301.2
16991	68108	ZINC	4	274.9	369.2
16993	68108	ZINC	4	318.8	537.5
16999	68108	ZINC	4	109.2	165.2
17003	68108	ZINC	5	116.6	187.5
17004	68108	ZINC	4	459.8	931.0
17005	68108	ZINC	4	259.6	326.0
17008	68108	ZINC	4	183.4	266.0
17009	68108	ZINC	4	144.1	202.6
17017	68108	ZINC	4	197.9	249.7
17018	68108	ZINC	4	84.5	117.7
17022	68108	ZINC	4	481.3	769.9
17024	68108	ZINC	4	164.8	287.3
17026	68108	ZINC	5	150.5	207.4
17027	68108	ZINC	4	128.1	148.1
17029	68108	ZINC	4	290.7	350.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17031	68108	ZINC	4	256.9	298.4
17033	68108	ZINC	4	83.4	115.1
17035	68108	ZINC	4	334.3	392.2
17036	68108	ZINC	2	553.0	873.0
17037	68108	ZINC	4	170.9	186.4
17038	68108	ZINC	4	269.2	491.0
17045	68108	ZINC	5	228.3	264.5
17046	68108	ZINC	6	442.0	1148.5
17048	68108	ZINC	4	270.4	381.7
17049	68108	ZINC	4	226.4	314.9
17050	68108	ZINC	4	208.2	264.0
17054	68108	ZINC	4	274.5	296.8
17056	68108	ZINC	4	99.2	148.7
17060	68108	ZINC	4	113.9	138.9
17062	68108	ZINC	4	115.4	181.1
17066	68108	ZINC	5	318.0	429.1
17068	68108	ZINC	4	193.2	255.3
17070	68108	ZINC	5	258.4	313.9
17073	68108	ZINC	4	242.9	425.7
17075	68108	ZINC	4	250.0	506.2
17078	68108	ZINC	5	442.1	626.7
17079	68108	ZINC	4	211.7	220.6
17080	68108	ZINC	4	144.8	201.3
17083	68108	ZINC	4	469.1	928.8
17087	68108	ZINC	4	127.2	157.9
17092	68108	ZINC	3	366.8	491.7
17093	68108	ZINC	2	209.0	212.6
17094	68108	ZINC	4	356.0	439.2
17098	68108	ZINC	5	272.7	662.8
17101	68108	ZINC	5	325.8	804.8
17103	68108	ZINC	4	451.8	976.2
17111	68108	ZINC	4	207.3	308.7
17112	68108	ZINC	4	280.7	461.8
17120	68108	ZINC	3	292.8	428.7
17121	68108	ZINC	2	410.2	517.3
17125	68108	ZINC	5	174.7	234.5
17126	68108	ZINC	3	285.9	391.5
17131	68108	ZINC	4	373.7	617.4
17137	68108	ZINC	4	341.6	552.7
17139	68108	ZINC	4	248.5	274.1
17141	68108	ZINC	4	340.0	458.8
17146	68108	ZINC	4	191.9	234.7
17147	68108	ZINC	2	240.0	301.7
17148	68108	ZINC	4	227.5	288.1
17152	68108	ZINC	4	203.5	270.6
17156	68108	ZINC	2	316.3	497.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17157	68108	ZINC	5	108.8	140.1
17159	68108	ZINC	5	177.5	277.6
17164	68108	ZINC	4	379.9	587.3
17170	68108	ZINC	2	249.5	268.6
17173	68108	ZINC	5	122.4	158.9
17180	68108	ZINC	4	320.9	386.7
17188	68108	ZINC	4	265.5	395.8
17200	68108	ZINC	4	205.2	273.5
17204	68108	ZINC	5	96.9	130.4
17205	68108	ZINC	4	262.2	345.1
17206	68108	ZINC	1	169.3	169.3
17210	68108	ZINC	4	221.0	287.5
17212	68108	ZINC	2	329.2	398.5
17218	68108	ZINC	4	119.6	143.6
17225	68108	ZINC	5	353.4	433.3
17230	68108	ZINC	4	285.7	531.0
17232	68108	ZINC	4	206.1	240.0
17233	68108	ZINC	2	246.0	261.8
17239	68108	ZINC	4	472.0	1087.3
17242	68108	ZINC	4	1504.9	2766.0
17245	68108	ZINC	4	204.4	244.8
17246	68108	ZINC	4	383.8	709.0
17247	68108	ZINC	6	301.4	356.1
17251	68108	ZINC	4	415.2	778.3
17253	68108	ZINC	4	206.4	258.6
17260	68108	ZINC	4	286.2	406.6
17263	68108	ZINC	4	253.6	397.8
17264	68108	ZINC	5	102.2	139.8
17265	68108	ZINC	2	193.9	218.1
17268	68108	ZINC	4	296.3	453.6
17273	68108	ZINC	4	170.2	214.9
17280	68108	ZINC	3	284.5	319.2
17282	68108	ZINC	4	146.9	162.7
17289	68108	ZINC	5	279.7	428.6
17291	68108	ZINC	5	330.8	454.0
17297	68108	ZINC	4	85.3	91.8
17299	68108	ZINC	1	378.9	378.9
17301	68108	ZINC	4	185.6	224.0
17308	68108	ZINC	4	99.1	119.0
17311	68108	ZINC	3	368.4	535.5
17316	68108	ZINC	3	292.7	334.5
17320	68108	ZINC	2	196.1	207.5
17321	68108	ZINC	4	209.2	403.5
17323	68108	ZINC	4	146.2	219.0
17324	68108	ZINC	4	197.4	256.1
17333	68108	ZINC	4	184.2	233.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17335	68108	ZINC	4	235.6	303.4
17338	68108	ZINC	4	336.0	486.2
17339	68108	ZINC	3	338.1	522.3
17343	68108	ZINC	4	228.8	309.5
17347	68108	ZINC	3	279.7	326.1
17349	68108	ZINC	5	91.4	126.0
17353	68108	ZINC	1	466.2	466.2
17356	68108	ZINC	4	150.2	183.6
17360	68108	ZINC	4	369.9	732.8
17361	68108	ZINC	4	398.5	884.4
17365	68108	ZINC	2	231.6	266.4
17369	68108	ZINC	4	226.5	263.5
17372	68108	ZINC	4	177.9	233.4
17373	68108	ZINC	4	560.8	786.6
17377	68108	ZINC	4	555.4	921.5
17378	68108	ZINC	4	157.9	192.5
17381	68108	ZINC	5	120.8	157.8
17383	68108	ZINC	5	271.4	365.2
17385	68108	ZINC	4	285.2	399.6
17388	68108	ZINC	3	364.8	438.6
17389	68108	ZINC	5	199.9	273.2
17395	68108	ZINC	5	314.5	423.5
17397	68108	ZINC	5	230.6	278.8
17400	68108	ZINC	4	353.6	534.3
17401	68108	ZINC	3	296.2	385.2
17402	68108	ZINC	4	309.8	560.8
17403	68108	ZINC	4	289.2	376.2
17405	68108	ZINC	5	145.5	197.4
17408	68108	ZINC	4	149.9	176.2
17410	68108	ZINC	5	419.7	921.5
17411	68108	ZINC	4	222.9	302.3
17412	68108	ZINC	4	122.0	135.8
17414	68108	ZINC	5	385.9	610.4
17416	68108	ZINC	4	344.7	511.0
17417	68108	ZINC	3	410.2	558.0
17418	68108	ZINC	5	382.9	795.5
17420	68108	ZINC	4	410.3	597.7
17422	68108	ZINC	4	265.2	375.5
17424	68108	ZINC	4	161.9	307.8
17431	68108	ZINC	4	174.5	207.2
17435	68108	ZINC	4	306.6	522.9
17439	68108	ZINC	4	272.9	434.0
17440	68108	ZINC	4	265.1	562.0
17444	68108	ZINC	4	519.1	590.4
17446	68108	ZINC	4	221.7	282.9
17447	68108	ZINC	4	199.2	249.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17450	68108	ZINC	4	1057.7	3058.0
17451	68108	ZINC	4	260.0	323.1
17455	68108	ZINC	4	383.7	708.3
17460	68108	ZINC	5	456.5	707.2
17461	68108	ZINC	5	390.2	670.0
17467	68108	ZINC	3	222.7	311.4
17470	68108	ZINC	3	95.7	119.9
17474	68108	ZINC	4	532.7	1044.9
17478	68108	ZINC	4	359.4	498.7
17479	68108	ZINC	4	315.8	361.1
17481	68108	ZINC	4	97.3	115.5
17483	68108	ZINC	4	408.9	481.9
17488	68108	ZINC	3	217.9	312.5
17490	68108	ZINC	3	465.5	506.0
17492	68108	ZINC	2	159.0	159.5
17494	68108	ZINC	4	314.9	593.7
17496	68108	ZINC	4	669.1	883.1
17498	68108	ZINC	4	237.8	321.2
17507	68108	ZINC	4	236.5	257.0
17508	68108	ZINC	4	230.9	310.4
17509	68108	ZINC	5	189.8	298.0
17510	68108	ZINC	6	190.7	364.3
17512	68108	ZINC	4	324.0	428.4
17514	68108	ZINC	3	284.0	636.4
17515	68108	ZINC	4	258.4	288.2
17517	68108	ZINC	4	174.7	201.9
17524	68108	ZINC	3	160.9	177.5
17527	68108	ZINC	4	370.9	555.9
17528	68108	ZINC	5	214.4	335.0
17529	68108	ZINC	4	362.1	434.2
17536	68108	ZINC	4	114.1	185.0
17538	68108	ZINC	5	142.9	184.7
17545	68108	ZINC	4	194.9	268.1
17547	68108	ZINC	4	269.1	350.0
17548	68108	ZINC	4	203.3	298.9
17549	68108	ZINC	4	508.7	1226.6
17550	68108	ZINC	4	132.9	151.2
17553	68108	ZINC	4	309.4	399.6
17554	68108	ZINC	4	286.6	370.8
17555	68108	ZINC	4	220.2	275.3
17556	68108	ZINC	5	224.1	264.5
17558	68108	ZINC	4	245.4	310.1
17563	68108	ZINC	2	269.2	274.2
17564	68108	ZINC	4	117.3	177.7
17565	68108	ZINC	4	208.8	234.7
17567	68108	ZINC	4	170.2	239.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17577	68108	ZINC	3	362.2	492.4
17579	68108	ZINC	3	205.9	306.3
17580	68108	ZINC	1	322.6	322.6
17581	68108	ZINC	4	307.0	409.7
17582	68108	ZINC	4	284.7	312.3
17585	68108	ZINC	3	470.2	597.6
17586	68108	ZINC	3	358.8	436.9
17593	68108	ZINC	4	496.5	662.5
17595	68108	ZINC	5	621.5	1063.9
17596	68108	ZINC	4	298.8	565.2
17599	68108	ZINC	5	261.7	375.4
17603	68108	ZINC	4	173.3	222.2
17607	68108	ZINC	4	214.7	277.7
17617	68108	ZINC	4	287.2	374.6
17620	68108	ZINC	3	304.4	372.9
17622	68108	ZINC	2	238.9	275.7
17623	68108	ZINC	3	418.6	571.0
17626	68108	ZINC	4	196.0	310.8
17630	68108	ZINC	3	273.1	390.6
17631	68108	ZINC	4	145.2	158.6
17635	68108	ZINC	4	256.5	408.7
17637	68108	ZINC	4	192.0	220.2
17639	68108	ZINC	4	158.7	179.7
17641	68108	ZINC	2	332.2	335.4
17643	68108	ZINC	3	239.8	289.0
17646	68108	ZINC	5	160.0	235.5
17650	68108	ZINC	4	206.6	319.2
17652	68108	ZINC	2	211.1	237.2
17657	68108	ZINC	5	230.7	248.2
17658	68108	ZINC	4	310.5	361.9
17659	68108	ZINC	2	204.2	204.5
17663	68108	ZINC	4	278.1	438.8
17664	68108	ZINC	4	330.5	556.1
17665	68108	ZINC	4	469.8	1230.6
17666	68108	ZINC	3	420.8	615.7
17670	68108	ZINC	3	403.9	545.4
17671	68108	ZINC	5	432.8	634.2
17674	68108	ZINC	3	451.9	561.7
17679	68108	ZINC	4	583.3	959.5
17689	68108	ZINC	4	208.8	350.2
17693	68108	ZINC	4	237.3	543.7
17698	68108	ZINC	3	674.9	1352.1
17699	68108	ZINC	4	162.2	251.4
17700	68108	ZINC	4	263.6	560.0
17701	68108	ZINC	4	210.4	366.9
17703	68108	ZINC	5	607.8	1046.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17705	68108	ZINC	4	88.1	97.5
17707	68108	ZINC	4	259.4	330.5
17708	68108	ZINC	4	622.6	760.8
17710	68108	ZINC	4	288.0	394.2
17711	68108	ZINC	4	358.2	579.5
17714	68108	ZINC	4	216.3	290.9
17715	68108	ZINC	4	182.5	250.2
17716	68108	ZINC	4	193.9	212.4
17721	68108	ZINC	4	344.0	504.4
17726	68108	ZINC	5	186.9	218.1
17730	68108	ZINC	4	358.5	702.7
17732	68108	ZINC	5	182.6	215.8
17740	68108	ZINC	4	240.3	311.4
17742	68108	ZINC	4	190.0	277.0
17744	68108	ZINC	5	201.2	257.1
17751	68108	ZINC	4	458.9	660.3
17754	68108	ZINC	5	297.4	372.2
17755	68108	ZINC	4	234.4	297.1
17759	68108	ZINC	3	184.7	254.4
17760	68108	ZINC	3	554.3	784.6
17761	68108	ZINC	4	239.6	263.9
17766	68108	ZINC	4	275.2	346.9
17771	68108	ZINC	4	180.4	225.0
17772	68108	ZINC	4	379.1	597.1
17774	68108	ZINC	4	197.4	243.6
17775	68108	ZINC	3	209.9	264.2
17776	68108	ZINC	2	134.6	186.2
17778	68108	ZINC	5	253.1	360.0
17782	68108	ZINC	4	406.6	697.6
17784	68108	ZINC	4	287.6	498.6
17787	68108	ZINC	4	227.8	271.8
17792	68108	ZINC	2	211.2	230.4
17793	68108	ZINC	4	384.6	419.9
17797	68108	ZINC	2	343.7	440.4
17799	68108	ZINC	4	152.8	209.4
17801	68108	ZINC	4	255.7	473.0
17804	68108	ZINC	4	193.2	262.9
17810	68108	ZINC	3	335.1	391.5
17811	68108	ZINC	2	303.2	415.9
17813	68108	ZINC	4	278.9	334.7
17815	68108	ZINC	4	160.5	208.0
17818	68108	ZINC	4	295.4	778.3
17819	68108	ZINC	5	170.8	260.2
17823	68108	ZINC	3	618.8	661.3
17828	68108	ZINC	4	208.9	351.2
17829	68108	ZINC	2	185.0	185.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17830	68108	ZINC	3	399.2	515.2
17832	68108	ZINC	5	212.5	315.7
17834	68108	ZINC	3	271.6	324.9
17836	68108	ZINC	4	359.7	629.6
17840	68108	ZINC	4	548.6	695.0
17843	68108	ZINC	5	311.5	407.9
17849	68108	ZINC	4	214.6	284.1
17851	68108	ZINC	4	361.0	544.3
17852	68108	ZINC	4	374.0	459.8
17857	68108	ZINC	5	241.4	321.0
17858	68108	ZINC	4	177.4	210.3
17859	68108	ZINC	4	238.3	260.6
17861	68108	ZINC	4	238.8	404.9
17862	68108	ZINC	4	153.5	168.4
17864	68108	ZINC	4	210.7	264.9
17865	68108	ZINC	5	347.9	565.2
17868	68108	ZINC	2	456.7	602.5
17872	68108	ZINC	4	269.3	398.1
17874	68108	ZINC	5	278.2	426.3
17879	68108	ZINC	4	325.3	460.8
17881	68108	ZINC	2	271.8	281.1
17882	68108	ZINC	4	258.6	437.7
17884	68108	ZINC	4	255.6	314.4
17886	68108	ZINC	3	223.5	281.1
17891	68108	ZINC	2	132.3	135.5
17895	68108	ZINC	4	338.4	457.2
17896	68108	ZINC	4	263.5	394.1
17904	68108	ZINC	4	456.6	625.4
17908	68108	ZINC	6	350.6	411.0
17911	68108	ZINC	4	619.0	1152.7
17912	68108	ZINC	5	142.7	186.1
17914	68108	ZINC	3	232.2	246.9
17915	68108	ZINC	3	246.7	306.9
17916	68108	ZINC	4	249.6	381.5
17919	68108	ZINC	4	241.2	379.4
17922	68108	ZINC	4	261.5	325.2
17924	68108	ZINC	4	217.8	308.2
17925	68108	ZINC	4	282.9	341.6
17931	68108	ZINC	4	308.7	410.4
17936	68108	ZINC	3	299.7	336.3
17940	68108	ZINC	2	171.2	174.6
17941	68108	ZINC	4	301.5	406.6
17945	68108	ZINC	4	189.5	270.1
17947	68108	ZINC	4	256.0	322.2
17949	68108	ZINC	4	180.7	253.6
17953	68108	ZINC	4	271.2	359.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
17956	68108	ZINC	4	197.2	351.1
17958	68108	ZINC	4	296.9	404.8
17963	68108	ZINC	4	424.2	524.0
17965	68108	ZINC	5	205.3	244.6
17968	68108	ZINC	4	324.2	432.0
17971	68108	ZINC	4	230.5	268.2
17972	68108	ZINC	3	332.4	451.7
17980	68108	ZINC	4	470.8	639.0
17981	68108	ZINC	2	262.6	282.1
17985	68108	ZINC	6	227.6	353.4
17987	68108	ZINC	3	189.4	205.5
17989	68108	ZINC	4	182.9	217.8
18010	68108	ZINC	5	328.9	497.2
18016	68108	ZINC	4	260.3	293.1
18022	68108	ZINC	4	264.0	334.9
18032	68108	ZINC	4	349.0	430.6
18037	68108	ZINC	3	192.7	201.0
18038	68108	ZINC	4	218.9	444.6
18050	68108	ZINC	4	269.8	486.5
18061	68108	ZINC	2	458.7	694.2
18063	68108	ZINC	4	291.6	401.2
18066	68108	ZINC	4	427.2	585.0
18069	68108	ZINC	4	326.5	663.5
18070	68108	ZINC	4	241.9	369.3
18075	68108	ZINC	4	245.9	278.0
18077	68108	ZINC	4	236.4	386.0
18079	68108	ZINC	3	417.6	570.4
18082	68108	ZINC	4	114.3	123.6
18084	68108	ZINC	4	283.5	333.5
18087	68108	ZINC	4	488.7	891.9
18089	68108	ZINC	4	182.4	211.4
18090	68108	ZINC	4	246.6	350.5
18091	68108	ZINC	4	291.3	457.8
18093	68108	ZINC	3	203.1	225.0
18096	68108	ZINC	3	204.5	241.6
18098	68108	ZINC	3	392.4	685.5
18100	68108	ZINC	4	141.8	223.7
18103	68108	ZINC	4	304.3	376.4
18106	68108	ZINC	4	193.1	244.4
18108	68108	ZINC	4	251.6	369.7
18109	68108	ZINC	4	183.4	283.3
18111	68108	ZINC	3	337.4	371.0
18112	68108	ZINC	5	214.4	304.6
18113	68108	ZINC	4	269.1	349.1
18115	68108	ZINC	4	314.9	460.3
18116	68108	ZINC	4	298.0	395.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18119	68108	ZINC	3	229.7	289.6
18123	68108	ZINC	4	210.7	285.1
18126	68108	ZINC	5	312.8	570.0
18127	68108	ZINC	3	326.3	374.0
18129	68108	ZINC	4	468.3	722.5
18130	68108	ZINC	4	1509.8	5066.8
18131	68108	ZINC	4	372.1	480.5
18135	68108	ZINC	3	362.5	428.6
18136	68108	ZINC	4	483.1	635.0
18139	68108	ZINC	4	257.7	397.5
18140	68108	ZINC	2	150.0	154.6
18141	68108	ZINC	4	403.5	562.3
18142	68108	ZINC	3	337.5	385.2
18146	68108	ZINC	4	449.4	609.6
18148	68108	ZINC	4	283.4	344.3
18149	68108	ZINC	4	512.3	796.4
18150	68108	ZINC	2	219.1	237.2
18154	68108	ZINC	4	333.6	374.4
18159	68108	ZINC	3	184.9	204.2
18160	68108	ZINC	4	385.1	461.9
18163	68108	ZINC	5	295.2	358.5
18166	68108	ZINC	4	582.4	1215.6
18168	68108	ZINC	4	293.2	356.6
18176	68108	ZINC	2	317.3	368.9
18179	68108	ZINC	4	287.6	354.1
18185	68108	ZINC	3	362.2	519.3
18188	68108	ZINC	3	339.6	380.8
18191	68108	ZINC	4	429.7	593.5
18194	68108	ZINC	3	320.5	444.8
18195	68108	ZINC	3	249.0	297.2
18196	68108	ZINC	2	581.7	882.9
18198	68108	ZINC	4	226.7	318.0
18199	68108	ZINC	4	343.1	366.4
18202	68108	ZINC	3	255.8	337.7
18205	68108	ZINC	4	241.6	549.9
18209	68108	ZINC	4	363.2	586.4
18211	68108	ZINC	4	179.2	208.8
18212	68108	ZINC	4	411.4	533.6
18213	68108	ZINC	5	264.8	302.5
18215	68108	ZINC	4	271.4	379.8
18217	68108	ZINC	2	291.0	397.3
18218	68108	ZINC	4	346.0	396.7
18219	68108	ZINC	4	418.9	524.7
18221	68108	ZINC	4	211.5	264.3
18222	68108	ZINC	4	417.0	476.0
18228	68108	ZINC	4	279.3	341.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18231	68108	ZINC	4	147.1	214.4
18234	68108	ZINC	5	253.1	340.3
18235	68108	ZINC	5	240.1	376.9
18238	68108	ZINC	3	359.1	396.1
18241	68108	ZINC	3	316.6	515.6
18242	68108	ZINC	4	392.3	691.5
18244	68108	ZINC	3	433.4	647.7
18245	68108	ZINC	4	411.5	654.2
18246	68108	ZINC	5	383.3	440.3
18249	68108	ZINC	3	342.3	535.0
18253	68108	ZINC	4	258.8	350.0
18254	68108	ZINC	4	174.3	246.5
18255	68108	ZINC	4	202.7	236.2
18257	68108	ZINC	5	193.7	295.8
18259	68108	ZINC	4	248.5	302.7
18263	68108	ZINC	3	280.5	322.9
18264	68108	ZINC	4	336.7	414.6
18271	68108	ZINC	4	299.3	404.6
18272	68108	ZINC	4	253.2	316.0
18276	68108	ZINC	3	310.5	332.7
18277	68108	ZINC	4	243.8	257.2
18280	68108	ZINC	3	308.7	329.2
18282	68108	ZINC	4	301.3	472.5
18283	68108	ZINC	3	347.0	456.4
18286	68108	ZINC	5	417.2	567.9
18288	68108	ZINC	2	368.4	368.6
18289	68108	ZINC	4	442.0	502.1
18296	68108	ZINC	4	388.7	459.1
18305	68108	ZINC	4	248.5	305.5
18307	68108	ZINC	1	207.1	207.1
18308	68108	ZINC	4	304.2	340.8
18309	68108	ZINC	5	327.4	475.4
18310	68108	ZINC	4	249.5	309.5
18314	68108	ZINC	3	219.1	255.4
18315	68108	ZINC	4	270.5	350.1
18316	68108	ZINC	4	205.4	241.2
18317	68108	ZINC	4	230.0	249.9
18318	68108	ZINC	4	516.4	1103.4
18319	68108	ZINC	4	309.4	482.2
18322	68108	ZINC	2	465.8	628.2
18325	68108	ZINC	4	289.7	352.0
18326	68108	ZINC	4	230.9	305.2
18327	68108	ZINC	3	439.5	593.1
18328	68108	ZINC	3	209.0	233.0
18330	68108	ZINC	3	432.7	513.0
18331	68108	ZINC	4	316.3	438.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18339	68108	ZINC	4	296.5	387.8
18340	68108	ZINC	2	268.6	372.8
18341	68108	ZINC	4	220.4	248.2
18343	68108	ZINC	4	516.6	945.8
18345	68108	ZINC	4	254.5	446.3
18348	68108	ZINC	4	306.2	420.7
18350	68108	ZINC	4	301.6	378.1
18357	68108	ZINC	4	316.5	327.8
18361	68108	ZINC	5	340.7	412.0
18366	68108	ZINC	4	342.1	454.8
18373	68108	ZINC	4	324.1	420.6
18375	68108	ZINC	4	296.5	347.9
18377	68108	ZINC	4	291.1	398.4
18379	68108	ZINC	4	378.4	425.5
18380	68108	ZINC	4	266.5	373.0
18384	68108	ZINC	4	290.6	361.6
18385	68108	ZINC	4	325.2	411.0
18386	68108	ZINC	4	151.8	235.8
18388	68108	ZINC	3	168.7	192.1
18390	68108	ZINC	1	114.3	114.3
18391	68108	ZINC	4	287.1	603.5
18392	68108	ZINC	4	105.9	172.3
18394	68108	ZINC	4	244.5	373.3
18397	68108	ZINC	4	333.8	395.9
18399	68108	ZINC	4	393.7	684.6
18400	68108	ZINC	5	132.6	167.0
18404	68108	ZINC	4	148.7	169.1
18414	68108	ZINC	1	422.8	422.8
18416	68108	ZINC	1	393.2	393.2
18420	68108	ZINC	5	154.5	262.8
18422	68108	ZINC	5	383.6	486.0
18423	68108	ZINC	3	327.9	451.9
18424	68108	ZINC	4	352.5	494.7
18428	68108	ZINC	2	316.4	467.0
18430	68108	ZINC	3	327.5	394.7
18433	68108	ZINC	4	337.7	488.2
18435	68108	ZINC	4	274.6	385.0
18436	68108	ZINC	4	407.5	552.6
18437	68108	ZINC	4	402.1	521.9
18438	68108	ZINC	3	602.7	1156.9
18439	68108	ZINC	2	337.6	346.1
18440	68108	ZINC	4	373.4	623.8
18441	68108	ZINC	3	621.4	910.6
18447	68108	ZINC	3	494.4	546.3
18448	68108	ZINC	4	338.6	535.3
18449	68108	ZINC	3	534.1	645.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18450	68108	ZINC	2	301.1	324.7
18451	68108	ZINC	4	337.4	416.9
18456	68108	ZINC	5	198.5	244.4
18461	68108	ZINC	3	494.3	1103.7
18467	68108	ZINC	2	387.1	401.3
18468	68108	ZINC	4	343.4	506.8
18471	68108	ZINC	1	584.2	584.2
18475	68108	ZINC	4	272.4	302.9
18476	68108	ZINC	4	530.6	910.8
18477	68108	ZINC	4	327.2	364.8
18483	68108	ZINC	4	237.5	262.6
18484	68108	ZINC	5	173.4	258.6
18486	68108	ZINC	3	429.1	783.9
18487	68108	ZINC	4	275.0	447.0
18488	68108	ZINC	4	358.5	508.4
18492	68108	ZINC	4	349.4	615.8
18494	68108	ZINC	5	197.8	254.4
18497	68108	ZINC	4	290.3	375.3
18498	68108	ZINC	5	356.4	444.9
18501	68108	ZINC	4	324.5	341.6
18502	68108	ZINC	4	313.3	415.5
18504	68108	ZINC	4	196.6	279.3
18506	68108	ZINC	4	328.0	502.7
18509	68108	ZINC	4	211.8	269.7
18510	68108	ZINC	3	343.7	374.6
18512	68108	ZINC	4	135.0	196.7
18515	68108	ZINC	4	408.2	525.4
18518	68108	ZINC	4	331.6	625.8
18519	68108	ZINC	5	274.3	340.8
18521	68108	ZINC	4	297.4	466.9
18522	68108	ZINC	2	454.5	463.7
18526	68108	ZINC	4	225.5	287.5
18530	68108	ZINC	4	192.6	245.0
18532	68108	ZINC	4	248.8	330.5
18533	68108	ZINC	2	173.2	211.5
18535	68108	ZINC	5	362.4	441.0
18536	68108	ZINC	3	359.9	406.2
18537	68108	ZINC	4	195.2	244.3
18539	68108	ZINC	4	174.0	193.6
18540	68108	ZINC	4	276.7	358.8
18541	68108	ZINC	4	301.0	544.9
18542	68108	ZINC	4	184.5	229.7
18543	68108	ZINC	4	279.2	344.5
18547	68108	ZINC	5	240.5	339.4
18549	68108	ZINC	3	240.8	259.5
18551	68108	ZINC	5	304.9	341.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18552	68108	ZINC	3	227.3	312.0
18554	68108	ZINC	2	412.1	414.4
18556	68108	ZINC	4	342.6	399.2
18566	68108	ZINC	4	293.3	349.7
18567	68108	ZINC	4	347.3	449.2
18568	68108	ZINC	4	462.0	532.1
18569	68108	ZINC	4	181.9	228.2
18571	68108	ZINC	4	226.1	358.5
18572	68108	ZINC	4	283.8	361.6
18576	68108	ZINC	4	238.9	285.8
18579	68108	ZINC	2	182.4	208.5
18582	68108	ZINC	4	164.0	252.7
18585	68108	ZINC	4	324.5	381.0
18594	68108	ZINC	4	374.7	992.7
18595	68108	ZINC	3	239.9	305.1
18597	68108	ZINC	4	310.1	404.8
18599	68108	ZINC	3	391.2	498.3
18603	68108	ZINC	5	144.2	189.4
18605	68108	ZINC	5	198.9	325.8
18609	68108	ZINC	4	282.9	392.6
18611	68108	ZINC	2	640.5	683.6
18614	68108	ZINC	3	314.3	517.0
18619	68108	ZINC	4	557.0	693.9
18622	68108	ZINC	5	289.3	415.9
18627	68108	ZINC	5	169.1	239.7
18629	68108	ZINC	4	352.8	482.0
18631	68108	ZINC	4	225.3	314.0
18632	68108	ZINC	4	291.0	427.8
18634	68108	ZINC	4	460.8	701.9
18636	68108	ZINC	4	425.6	793.9
18638	68108	ZINC	4	375.5	539.8
18642	68108	ZINC	4	162.7	169.1
18651	68108	ZINC	4	313.2	475.8
18658	68108	ZINC	5	247.9	324.0
18662	68108	ZINC	4	145.4	188.9
18664	68108	ZINC	3	275.3	394.0
18670	68108	ZINC	3	183.6	262.1
18674	68108	ZINC	4	312.3	424.4
18675	68108	ZINC	4	198.8	271.4
18678	68108	ZINC	4	289.9	460.2
18681	68108	ZINC	4	243.3	336.1
18682	68108	ZINC	4	227.6	321.6
18687	68108	ZINC	4	500.8	847.7
18691	68108	ZINC	4	201.8	239.0
18692	68108	ZINC	5	332.2	464.6
18694	68108	ZINC	4	330.5	410.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18696	68108	ZINC	4	175.8	262.1
18697	68108	ZINC	4	395.7	557.9
18698	68108	ZINC	4	376.2	511.4
18700	68108	ZINC	4	294.0	409.3
18702	68108	ZINC	3	257.7	305.9
18703	68108	ZINC	4	350.9	569.6
18704	68108	ZINC	4	253.8	334.9
18706	68108	ZINC	4	290.5	367.7
18707	68108	ZINC	3	356.6	478.4
18709	68108	ZINC	4	293.3	348.6
18710	68108	ZINC	4	162.1	207.9
18711	68108	ZINC	4	381.1	517.7
18712	68108	ZINC	4	246.6	344.0
18716	68108	ZINC	3	202.5	324.2
18718	68108	ZINC	4	145.3	158.0
18720	68108	ZINC	4	302.1	386.7
18721	68108	ZINC	4	261.1	334.0
18724	68108	ZINC	5	237.6	317.9
18725	68108	ZINC	4	301.8	465.6
18726	68108	ZINC	4	146.8	159.4
18731	68108	ZINC	2	490.9	667.3
18742	68108	ZINC	4	337.0	538.1
18748	68108	ZINC	5	397.4	1018.9
18749	68108	ZINC	4	326.2	390.1
18751	68108	ZINC	3	228.4	273.1
18756	68108	ZINC	4	411.8	498.3
18758	68108	ZINC	5	197.5	282.2
18760	68108	ZINC	2	279.9	322.2
18761	68108	ZINC	4	252.1	269.1
18766	68108	ZINC	2	164.7	205.3
18768	68108	ZINC	1	469.0	469.0
18771	68108	ZINC	5	445.5	677.6
18772	68108	ZINC	2	277.5	302.5
18774	68108	ZINC	6	198.3	241.3
18779	68108	ZINC	5	356.2	527.1
18780	68108	ZINC	4	400.9	601.8
18781	68108	ZINC	4	241.5	332.5
18784	68108	ZINC	4	220.5	302.1
18788	68108	ZINC	4	273.3	361.7
18793	68108	ZINC	3	444.1	468.5
18794	68108	ZINC	2	338.8	359.9
18799	68108	ZINC	4	262.7	324.5
18800	68108	ZINC	3	535.0	636.0
18802	68108	ZINC	4	494.7	638.2
18803	68108	ZINC	4	284.5	333.1
18805	68108	ZINC	4	227.3	255.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18808	68108	ZINC	2	312.0	340.2
18809	68108	ZINC	4	133.6	187.7
18811	68108	ZINC	4	279.4	383.1
18814	68108	ZINC	2	271.8	288.2
18816	68108	ZINC	4	70.3	120.5
18818	68108	ZINC	4	298.9	471.6
18819	68108	ZINC	4	327.1	371.7
18822	68108	ZINC	3	262.7	393.2
18826	68108	ZINC	5	270.6	412.9
18832	68108	ZINC	2	318.5	379.9
18833	68108	ZINC	4	295.2	424.5
18836	68108	ZINC	4	382.7	529.2
18837	68108	ZINC	6	268.3	330.7
18838	68108	ZINC	4	361.4	419.4
18843	68108	ZINC	4	343.0	631.6
18844	68108	ZINC	3	362.5	520.2
18845	68108	ZINC	3	426.2	723.7
18849	68108	ZINC	4	350.1	541.9
18851	68108	ZINC	2	274.4	325.4
18854	68108	ZINC	4	169.2	245.3
18855	68108	ZINC	4	308.9	410.0
18860	68108	ZINC	2	273.4	305.7
18862	68108	ZINC	3	383.1	484.5
18864	68108	ZINC	4	216.5	285.3
18872	68108	ZINC	4	106.9	138.1
18875	68108	ZINC	4	129.6	138.9
18879	68108	ZINC	2	266.3	306.1
18885	68108	ZINC	5	224.6	289.2
18890	68108	ZINC	4	248.2	307.8
18892	68108	ZINC	4	595.3	1370.5
18893	68108	ZINC	4	207.5	352.5
18896	68108	ZINC	4	249.0	307.7
18899	68108	ZINC	4	500.9	570.1
18903	68108	ZINC	1	345.0	345.0
18914	68108	ZINC	4	233.9	276.6
18922	68108	ZINC	4	202.9	286.3
18924	68108	ZINC	3	297.3	384.6
18933	68108	ZINC	4	183.8	194.7
18936	68108	ZINC	5	562.6	839.0
18939	68108	ZINC	2	217.9	240.2
18940	68108	ZINC	4	144.0	164.5
18941	68108	ZINC	4	302.2	415.7
18943	68108	ZINC	4	222.0	255.7
18944	68108	ZINC	2	354.4	399.5
18945	68108	ZINC	4	180.8	238.2
18946	68108	ZINC	4	359.2	418.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
18947	68108	ZINC	3	238.2	251.1
18950	68108	ZINC	4	231.9	258.3
18953	68108	ZINC	3	220.3	288.2
18956	68108	ZINC	5	357.1	518.9
18960	68108	ZINC	5	373.4	585.1
18962	68108	ZINC	4	328.8	372.4
18965	68108	ZINC	4	144.7	168.9
18968	68108	ZINC	4	262.0	371.8
18972	68108	ZINC	5	176.6	228.4
18974	68108	ZINC	4	194.3	275.5
18975	68108	ZINC	4	300.3	440.0
18976	68108	ZINC	4	386.6	509.8
18977	68108	ZINC	5	381.4	797.4
18978	68108	ZINC	4	238.3	333.3
18981	68108	ZINC	3	185.3	212.0
18982	68108	ZINC	4	154.7	205.4
18984	68108	ZINC	4	112.1	118.9
18985	68108	ZINC	4	173.8	231.1
18988	68108	ZINC	5	363.8	415.1
18990	68108	ZINC	2	343.4	437.4
18991	68108	ZINC	2	243.1	280.8
18992	68108	ZINC	4	324.9	545.4
18994	68108	ZINC	4	314.5	438.1
18998	68108	ZINC	3	310.0	555.0
19002	68108	ZINC	4	330.1	484.0
19005	68108	ZINC	4	180.7	247.0
19008	68108	ZINC	3	405.7	548.3
19011	68108	ZINC	2	280.0	294.1
19012	68108	ZINC	4	159.5	188.8
19018	68108	ZINC	4	269.9	368.1
19019	68108	ZINC	5	243.5	332.4
19021	68108	ZINC	4	371.9	533.0
19030	68108	ZINC	2	456.9	496.8
19033	68108	ZINC	4	301.6	375.5
19038	68108	ZINC	5	173.8	216.8
19041	68108	ZINC	4	278.7	356.9
19044	68108	ZINC	5	164.1	256.0
19045	68108	ZINC	2	303.6	324.2
19048	68108	ZINC	4	205.0	309.7
19054	68108	ZINC	3	224.7	348.5
19058	68108	ZINC	4	337.4	401.5
19059	68108	ZINC	4	637.2	900.0
19063	68108	ZINC	3	289.4	324.0
19064	68108	ZINC	4	244.9	386.2
19069	68108	ZINC	2	148.0	173.2
19071	68108	ZINC	5	128.4	214.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19072	68108	ZINC	4	276.0	355.2
19073	68108	ZINC	4	525.5	725.9
19074	68108	ZINC	4	137.0	185.1
19076	68108	ZINC	4	266.2	322.9
19078	68108	ZINC	3	334.3	411.0
19079	68108	ZINC	3	601.1	949.8
19082	68108	ZINC	3	382.0	464.6
19084	68108	ZINC	4	328.0	502.3
19085	68108	ZINC	5	358.2	1152.4
19086	68108	ZINC	3	300.1	358.9
19088	68108	ZINC	4	274.0	371.5
19090	68108	ZINC	4	281.2	536.4
19091	68108	ZINC	3	350.5	463.6
19093	68108	ZINC	4	489.1	695.8
19094	68108	ZINC	2	385.2	483.4
19095	68108	ZINC	4	367.8	506.5
19096	68108	ZINC	4	188.6	247.9
19097	68108	ZINC	4	204.5	250.6
19098	68108	ZINC	4	195.9	219.7
19099	68108	ZINC	4	394.5	662.8
19103	68108	ZINC	4	412.5	496.6
19111	68108	ZINC	2	218.8	246.4
19115	68108	ZINC	4	177.2	213.2
19116	68108	ZINC	3	301.2	424.0
19117	68108	ZINC	4	168.0	245.0
19119	68108	ZINC	5	351.3	511.4
19122	68108	ZINC	4	479.1	917.1
19125	68108	ZINC	4	205.3	239.8
19126	68108	ZINC	2	224.1	230.0
19130	68108	ZINC	2	203.0	220.2
19136	68108	ZINC	5	159.8	196.6
19138	68108	ZINC	4	144.2	279.5
19140	68108	ZINC	2	196.9	224.9
19144	68108	ZINC	4	224.8	251.7
19151	68108	ZINC	6	127.8	190.5
19153	68108	ZINC	4	241.3	262.8
19157	68108	ZINC	4	395.6	795.5
19159	68108	ZINC	4	317.2	516.2
19161	68108	ZINC	4	205.7	291.2
19164	68108	ZINC	4	305.1	456.0
19170	68108	ZINC	5	408.7	712.3
19173	68108	ZINC	4	262.5	290.7
19175	68108	ZINC	1	652.5	652.5
19179	68108	ZINC	5	118.6	170.5
19182	68108	ZINC	3	287.2	371.7
19183	68108	ZINC	2	319.8	343.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19187	68108	ZINC	4	447.6	506.7
19188	68108	ZINC	4	264.6	327.9
19190	68108	ZINC	4	502.3	810.7
19191	68108	ZINC	5	283.3	401.7
19193	68108	ZINC	4	360.9	505.4
19194	68108	ZINC	5	150.0	221.7
19195	68108	ZINC	4	272.8	396.8
19197	68108	ZINC	3	337.4	437.9
19198	68108	ZINC	4	343.3	440.0
19199	68108	ZINC	3	399.6	464.4
19201	68108	ZINC	4	320.1	401.0
19203	68108	ZINC	4	310.5	419.8
19205	68108	ZINC	2	180.6	230.9
19206	68108	ZINC	3	141.9	232.7
19207	68108	ZINC	2	240.9	291.7
19209	68108	ZINC	4	194.2	274.0
19210	68108	ZINC	2	346.4	421.9
19211	68108	ZINC	3	234.2	379.0
19212	68108	ZINC	4	348.4	525.3
19214	68108	ZINC	4	418.6	678.2
19224	68108	ZINC	4	272.9	324.7
19243	68108	ZINC	3	136.9	175.0
19244	68108	ZINC	4	235.4	272.5
19247	68108	ZINC	3	301.9	363.9
19251	68108	ZINC	4	322.0	627.3
19254	68108	ZINC	4	440.5	591.6
19255	68108	ZINC	3	224.4	235.7
19256	68108	ZINC	4	262.4	364.8
19258	68108	ZINC	3	315.3	456.4
19262	68108	ZINC	3	583.9	669.3
19264	68108	ZINC	5	291.4	363.6
19268	68108	ZINC	4	325.4	436.9
19269	68108	ZINC	4	360.4	504.2
19276	68108	ZINC	5	346.8	619.8
19277	68108	ZINC	4	310.8	367.9
19279	68108	ZINC	2	382.5	491.2
19280	68108	ZINC	5	408.1	888.4
19281	68108	ZINC	5	467.9	696.6
19289	68108	ZINC	4	167.5	199.8
19290	68108	ZINC	1	208.3	208.3
19292	68108	ZINC	4	319.4	406.6
19294	68108	ZINC	5	257.6	383.8
19299	68108	ZINC	4	265.1	331.0
19301	68108	ZINC	4	211.8	240.5
19312	68108	ZINC	4	253.9	319.9
19313	68108	ZINC	4	450.2	650.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19315	68108	ZINC	4	394.3	730.6
19341	68108	ZINC	4	388.4	987.8
19343	68108	ZINC	3	473.2	513.4
19347	68108	ZINC	4	249.2	361.1
19349	68108	ZINC	4	521.6	1296.1
19351	68108	ZINC	5	303.2	337.0
19355	68108	ZINC	5	280.7	338.2
19357	68108	ZINC	1	442.4	442.4
19362	68108	ZINC	2	369.0	469.9
19369	68108	ZINC	4	454.8	541.1
19371	68108	ZINC	4	154.8	199.9
19373	68108	ZINC	4	327.8	462.2
19374	68108	ZINC	4	717.5	993.4
19375	68108	ZINC	2	232.3	233.8
19376	68108	ZINC	5	294.0	354.4
19379	68108	ZINC	4	241.1	287.7
19381	68108	ZINC	4	241.1	291.8
19383	68108	ZINC	5	341.3	423.5
19385	68108	ZINC	3	273.5	377.3
19388	68108	ZINC	3	666.0	933.5
19389	68108	ZINC	6	325.3	429.6
19390	68108	ZINC	3	225.1	304.7
19391	68108	ZINC	4	364.0	530.1
19394	68108	ZINC	4	665.1	1215.4
19395	68108	ZINC	4	328.4	395.1
19396	68108	ZINC	4	488.2	782.7
19399	68108	ZINC	4	476.9	611.3
19402	68108	ZINC	4	218.9	230.5
19404	68108	ZINC	4	266.6	329.1
19406	68108	ZINC	3	381.6	412.4
19407	68108	ZINC	2	222.9	231.0
19411	68108	ZINC	4	329.4	407.3
19414	68108	ZINC	3	239.7	313.9
19416	68108	ZINC	4	222.6	354.1
19417	68108	ZINC	4	305.9	432.0
19419	68108	ZINC	4	219.2	334.0
19426	68108	ZINC	4	331.4	588.2
19429	68108	ZINC	4	200.1	227.7
19430	68108	ZINC	3	549.0	670.4
19440	68108	ZINC	4	331.2	449.0
19444	68108	ZINC	5	235.9	385.8
19449	68108	ZINC	3	382.6	415.7
19450	68108	ZINC	4	135.5	168.1
19455	68108	ZINC	3	233.5	347.5
19460	68108	ZINC	4	204.1	239.3
19464	68108	ZINC	3	298.2	328.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19465	68108	ZINC	5	247.0	309.9
19466	68108	ZINC	6	329.9	422.7
19467	68108	ZINC	5	265.1	319.6
19468	68108	ZINC	4	299.0	398.5
19470	68108	ZINC	5	225.8	350.2
19472	68108	ZINC	4	231.1	269.6
19473	68108	ZINC	3	269.1	325.2
19474	68108	ZINC	4	360.0	502.0
19475	68108	ZINC	2	250.8	329.2
19493	68108	ZINC	4	161.9	185.1
19498	68108	ZINC	4	758.8	1034.0
19503	68108	ZINC	4	212.1	278.5
19506	68108	ZINC	5	168.2	278.0
19509	68108	ZINC	4	297.3	365.4
19512	68108	ZINC	3	285.9	404.9
19513	68108	ZINC	4	418.8	524.1
19514	68108	ZINC	4	210.6	292.3
19515	68108	ZINC	4	179.8	226.0
19519	68108	ZINC	4	284.7	400.2
19521	68108	ZINC	4	205.1	266.6
19522	68108	ZINC	3	236.2	252.7
19526	68108	ZINC	5	176.4	233.9
19533	68108	ZINC	4	253.7	345.2
19535	68108	ZINC	3	442.1	541.2
19545	68108	ZINC	2	123.5	130.1
19546	68108	ZINC	4	136.0	146.2
19549	68108	ZINC	4	211.0	326.3
19553	68108	ZINC	4	302.3	387.6
19554	68108	ZINC	3	456.9	575.8
19557	68108	ZINC	4	490.0	742.7
19563	68108	ZINC	2	630.9	923.8
19564	68108	ZINC	2	254.8	256.2
19565	68108	ZINC	5	337.2	448.2
19566	68108	ZINC	2	397.2	433.5
19570	68108	ZINC	4	265.3	328.8
19571	68108	ZINC	5	477.7	671.6
19573	68108	ZINC	4	307.2	462.8
19574	68108	ZINC	3	384.8	447.0
19579	68108	ZINC	4	302.5	330.4
19581	68108	ZINC	4	245.6	287.7
19584	68108	ZINC	4	230.5	381.0
19586	68108	ZINC	4	244.1	339.8
19590	68108	ZINC	4	418.2	497.6
19595	68108	ZINC	4	330.0	488.9
19597	68108	ZINC	4	248.1	318.2
19600	68108	ZINC	4	300.7	375.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19603	68108	ZINC	2	386.0	408.6
19617	68108	ZINC	2	382.6	409.3
19622	68108	ZINC	4	210.2	266.3
19623	68108	ZINC	4	240.5	441.7
19624	68108	ZINC	4	99.4	114.4
19627	68108	ZINC	2	185.5	234.1
19628	68108	ZINC	4	303.5	385.1
19630	68108	ZINC	4	269.3	451.3
19632	68108	ZINC	4	447.9	622.2
19633	68108	ZINC	4	268.1	369.7
19634	68108	ZINC	4	220.1	256.7
19637	68108	ZINC	4	286.5	395.4
19640	68108	ZINC	4	169.6	217.2
19643	68108	ZINC	4	174.2	253.8
19644	68108	ZINC	3	304.4	463.6
19650	68108	ZINC	4	293.7	482.2
19651	68108	ZINC	4	220.3	316.6
19652	68108	ZINC	4	150.1	169.3
19653	68108	ZINC	3	330.6	498.5
19654	68108	ZINC	4	302.4	377.8
19656	68108	ZINC	4	123.1	178.7
19660	68108	ZINC	4	212.2	256.9
19661	68108	ZINC	4	438.8	619.2
19662	68108	ZINC	4	215.8	245.8
19665	68108	ZINC	3	294.7	319.8
19674	68108	ZINC	3	324.7	442.8
19680	68108	ZINC	4	151.9	195.9
19684	68108	ZINC	4	345.2	491.0
19687	68108	ZINC	4	360.1	496.2
19689	68108	ZINC	2	423.2	441.0
19694	68108	ZINC	5	128.6	153.1
19698	68108	ZINC	5	220.0	246.8
19699	68108	ZINC	4	267.1	355.8
19701	68108	ZINC	4	813.0	2145.3
19703	68108	ZINC	4	257.6	273.7
19704	68108	ZINC	4	269.2	373.4
19707	68108	ZINC	3	244.4	287.0
19709	68108	ZINC	3	342.7	428.9
19712	68108	ZINC	5	170.0	249.1
19713	68108	ZINC	4	121.7	129.8
19714	68108	ZINC	5	250.1	297.1
19723	68108	ZINC	4	511.2	861.3
19731	68108	ZINC	2	632.0	820.7
19732	68108	ZINC	4	260.8	346.1
19736	68108	ZINC	4	466.8	550.0
19748	68108	ZINC	4	252.8	345.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19750	68108	ZINC	4	370.3	656.3
19752	68108	ZINC	4	133.0	139.8
19754	68108	ZINC	6	285.6	320.5
19769	68108	ZINC	4	204.1	244.6
19770	68108	ZINC	2	259.5	271.6
19774	68108	ZINC	4	138.4	186.5
19777	68108	ZINC	4	274.4	459.1
19778	68108	ZINC	4	233.9	465.8
19782	68108	ZINC	4	495.3	632.8
19783	68108	ZINC	5	252.4	330.2
19788	68108	ZINC	4	441.7	535.6
19789	68108	ZINC	4	198.1	228.6
19792	68108	ZINC	4	457.4	682.0
19793	68108	ZINC	4	371.6	500.6
19794	68108	ZINC	4	327.7	401.8
19798	68108	ZINC	3	393.4	519.8
19799	68108	ZINC	4	354.6	431.9
19803	68108	ZINC	2	929.6	1018.5
19808	68108	ZINC	4	198.5	232.5
19811	68108	ZINC	3	616.0	810.7
19820	68108	ZINC	3	555.4	685.8
19826	68108	ZINC	6	275.8	399.3
19828	68108	ZINC	4	138.1	185.0
19838	68108	ZINC	4	274.2	373.6
19850	68108	ZINC	4	496.1	719.7
19853	68108	ZINC	5	393.3	507.5
19862	68108	ZINC	4	237.6	429.5
19870	68108	ZINC	4	247.2	336.5
19872	68108	ZINC	4	426.5	623.2
19874	68108	ZINC	4	294.7	365.4
19875	68108	ZINC	4	408.3	531.4
19880	68108	ZINC	4	208.6	262.4
19882	68108	ZINC	4	149.8	214.8
19883	68108	ZINC	4	107.0	141.5
19884	68108	ZINC	4	142.3	263.7
19894	68108	ZINC	2	256.5	333.0
19898	68108	ZINC	4	56.4	77.0
19902	68108	ZINC	4	192.5	218.1
19904	68108	ZINC	4	138.1	158.7
19905	68108	ZINC	4	260.2	274.9
19906	68108	ZINC	4	277.4	478.9
19909	68108	ZINC	4	339.3	648.8
19917	68108	ZINC	5	168.0	216.4
19920	68108	ZINC	4	285.3	342.2
19930	68108	ZINC	3	227.1	256.6
19933	68108	ZINC	4	318.3	410.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
19937	68108	ZINC	4	187.1	310.1
19948	68108	ZINC	4	294.8	359.4
19949	68108	ZINC	2	222.8	295.3
19964	68108	ZINC	3	312.6	340.2
19969	68108	ZINC	5	265.1	380.9
19980	68108	ZINC	4	623.0	1477.6
19985	68108	ZINC	4	423.0	790.7
19988	68108	ZINC	5	277.1	475.1
19991	68108	ZINC	4	404.2	692.1
19996	68108	ZINC	2	159.3	164.5
19998	68108	ZINC	3	312.5	335.2
20003	68108	ZINC	2	212.5	215.7
20004	68108	ZINC	4	219.1	318.6
20006	68108	ZINC	2	450.5	481.9
20011	68108	ZINC	4	267.9	316.9
20013	68108	ZINC	4	132.9	166.5
20021	68108	ZINC	4	346.5	506.8
20037	68108	ZINC	4	287.1	358.5
20039	68108	ZINC	4	254.5	301.6
20040	68108	ZINC	4	382.5	466.4
20043	68108	ZINC	2	216.9	284.1
20044	68108	ZINC	5	442.1	715.5
20046	68108	ZINC	2	303.8	375.4
20047	68108	ZINC	2	417.0	474.7
20051	68108	ZINC	4	194.8	225.9
20053	68108	ZINC	4	414.0	498.2
20055	68108	ZINC	4	284.2	375.7
20060	68108	ZINC	4	287.6	346.6
20061	68108	ZINC	4	390.9	537.4
20063	68108	ZINC	2	120.3	133.6
20068	68108	ZINC	4	560.6	913.3
20078	68108	ZINC	4	223.2	255.6
20081	68108	ZINC	4	313.0	443.2
20083	68108	ZINC	4	224.7	316.6
20084	68108	ZINC	5	177.9	226.6
20086	68108	ZINC	3	184.7	288.8
20087	68108	ZINC	3	360.3	420.9
20090	68108	ZINC	4	529.1	755.5
20091	68108	ZINC	4	276.4	440.4
20100	68108	ZINC	4	359.0	528.9
20103	68108	ZINC	4	358.9	647.1
20104	68108	ZINC	2	363.8	368.2
20109	68108	ZINC	5	409.1	503.6
20115	68108	ZINC	4	348.5	616.6
20117	68108	ZINC	4	313.7	616.8
20122	68108	ZINC	5	288.9	449.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20127	68108	ZINC	4	170.5	243.2
20136	68108	ZINC	4	531.4	847.1
20137	68108	ZINC	2	420.7	549.0
20142	68108	ZINC	4	402.0	640.4
20144	68108	ZINC	2	391.5	473.9
20145	68108	ZINC	4	167.9	292.5
20149	68108	ZINC	4	422.0	523.2
20151	68108	ZINC	4	231.3	319.7
20154	68108	ZINC	3	451.4	735.5
20158	68108	ZINC	2	472.3	747.8
20160	68108	ZINC	3	483.0	780.5
20165	68108	ZINC	4	412.8	510.6
20167	68108	ZINC	4	537.7	654.7
20168	68108	ZINC	5	383.4	685.3
20169	68108	ZINC	4	179.1	254.0
20172	68108	ZINC	2	367.0	534.7
20180	68108	ZINC	4	152.6	163.1
20182	68108	ZINC	4	386.7	624.7
20188	68108	ZINC	2	152.0	180.1
20189	68108	ZINC	4	406.6	512.0
20193	68108	ZINC	4	435.3	694.4
20194	68108	ZINC	3	456.7	597.4
20195	68108	ZINC	4	448.0	692.3
20198	68108	ZINC	4	427.4	527.5
20200	68108	ZINC	3	370.4	458.4
20201	68108	ZINC	4	133.6	160.6
20202	68108	ZINC	3	457.1	515.6
20205	68108	ZINC	5	284.3	383.1
20210	68108	ZINC	4	460.3	576.0
20222	68108	ZINC	4	148.3	159.9
20225	68108	ZINC	4	276.3	412.8
20229	68108	ZINC	2	265.7	311.1
20230	68108	ZINC	5	215.4	370.8
20231	68108	ZINC	3	302.4	332.8
20237	68108	ZINC	4	447.3	548.1
20240	68108	ZINC	4	298.3	561.0
20242	68108	ZINC	4	271.4	352.9
20244	68108	ZINC	4	242.1	341.6
20252	68108	ZINC	4	311.2	423.1
20256	68108	ZINC	4	233.6	278.1
20258	68108	ZINC	4	391.9	462.0
20264	68108	ZINC	3	402.7	444.2
20266	68108	ZINC	4	393.7	492.5
20269	68108	ZINC	5	298.8	466.6
20274	68108	ZINC	4	389.8	582.6
20279	68108	ZINC	5	368.7	619.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20282	68108	ZINC	3	356.6	365.8
20283	68108	ZINC	4	317.0	363.1
20284	68108	ZINC	4	1389.6	4804.9
20285	68108	ZINC	4	255.2	318.0
20287	68108	ZINC	5	267.0	367.1
20289	68108	ZINC	4	365.1	536.2
20292	68108	ZINC	2	198.9	238.8
20294	68108	ZINC	4	245.7	299.9
20302	68108	ZINC	4	390.3	569.7
20304	68108	ZINC	2	337.8	352.2
20308	68108	ZINC	4	257.6	303.2
20311	68108	ZINC	2	228.8	304.6
20314	68108	ZINC	4	169.0	243.2
20318	68108	ZINC	4	192.8	242.8
20320	68108	ZINC	2	273.3	314.8
20337	68108	ZINC	3	131.3	149.1
20341	68108	ZINC	4	342.3	468.7
20344	68108	ZINC	4	204.0	337.0
20345	68108	ZINC	4	460.0	616.6
20356	68108	ZINC	4	312.5	521.5
20357	68108	ZINC	4	263.0	353.4
20358	68108	ZINC	4	299.5	425.9
20363	68108	ZINC	3	357.3	452.3
20367	68108	ZINC	2	258.6	309.0
20369	68108	ZINC	3	456.9	582.4
20370	68108	ZINC	4	432.0	584.2
20372	68108	ZINC	3	352.8	396.5
20373	68108	ZINC	3	369.0	416.0
20381	68108	ZINC	4	175.3	269.8
20382	68108	ZINC	5	260.9	379.7
20390	68108	ZINC	4	264.7	335.7
20395	68108	ZINC	4	207.1	320.4
20396	68108	ZINC	4	231.3	349.8
20402	68108	ZINC	4	332.1	396.7
20412	68108	ZINC	2	285.0	308.6
20425	68108	ZINC	4	349.7	449.7
20431	68108	ZINC	1	248.2	248.2
20432	68108	ZINC	4	272.3	367.9
20437	68108	ZINC	4	257.7	353.4
20438	68108	ZINC	5	215.0	367.6
20439	68108	ZINC	2	315.0	375.6
20444	68108	ZINC	5	341.0	538.6
20445	68108	ZINC	4	231.8	296.9
20451	68108	ZINC	4	244.8	300.1
20459	68108	ZINC	4	315.9	441.6
20464	68108	ZINC	4	194.8	222.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20467	68108	ZINC	4	307.0	432.4
20468	68108	ZINC	2	545.0	792.0
20476	68108	ZINC	4	192.1	249.1
20484	68108	ZINC	4	341.0	440.1
20487	68108	ZINC	4	287.1	336.5
20489	68108	ZINC	5	719.5	930.8
20491	68108	ZINC	5	402.2	525.3
20501	68108	ZINC	4	222.4	319.7
20502	68108	ZINC	4	241.6	330.1
20511	68108	ZINC	4	408.2	704.7
20515	68108	ZINC	3	467.1	663.7
20516	68108	ZINC	3	319.0	476.1
20517	68108	ZINC	2	484.5	631.8
20518	68108	ZINC	4	159.7	196.0
20524	68108	ZINC	4	393.9	750.3
20529	68108	ZINC	5	304.6	603.3
20530	68108	ZINC	4	272.5	379.5
20538	68108	ZINC	4	240.2	299.2
20541	68108	ZINC	4	266.0	416.4
20542	68108	ZINC	4	197.1	268.2
20543	68108	ZINC	4	306.9	622.7
20548	68108	ZINC	4	300.3	554.9
20552	68108	ZINC	3	177.0	277.7
20558	68108	ZINC	4	402.1	562.0
20564	68108	ZINC	4	219.9	403.9
20567	68108	ZINC	4	191.8	248.2
20569	68108	ZINC	3	297.2	418.2
20570	68108	ZINC	4	420.2	563.8
20571	68108	ZINC	4	368.2	681.3
20573	68108	ZINC	5	223.8	306.0
20574	68108	ZINC	4	157.1	220.1
20575	68108	ZINC	2	607.0	687.5
20581	68108	ZINC	4	568.8	688.7
20582	68108	ZINC	4	420.2	465.3
20588	68108	ZINC	4	287.2	479.6
20589	68108	ZINC	4	341.0	480.5
20592	68108	ZINC	4	87.2	128.2
20596	68108	ZINC	4	215.5	298.2
20608	68108	ZINC	5	578.8	827.7
20617	68108	ZINC	4	330.3	512.1
20620	68108	ZINC	4	276.3	501.5
20623	68108	ZINC	2	326.9	342.5
20627	68108	ZINC	4	267.7	303.5
20629	68108	ZINC	4	432.2	616.2
20632	68108	ZINC	3	119.8	141.7
20633	68108	ZINC	4	170.6	203.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20635	68108	ZINC	4	391.5	694.4
20638	68108	ZINC	4	153.7	246.2
20639	68108	ZINC	2	417.2	484.3
20654	68108	ZINC	4	590.7	703.4
20658	68108	ZINC	2	112.5	126.7
20660	68108	ZINC	4	145.8	194.3
20664	68108	ZINC	5	443.3	580.6
20671	68108	ZINC	5	299.6	407.0
20676	68108	ZINC	4	274.2	378.6
20677	68108	ZINC	4	458.6	738.5
20689	68108	ZINC	4	305.5	367.6
20695	68108	ZINC	4	296.2	338.1
20699	68108	ZINC	4	420.4	827.2
20719	68108	ZINC	4	532.0	1526.7
20724	68108	ZINC	3	401.5	549.9
20729	68108	ZINC	4	287.2	413.4
20731	68108	ZINC	3	290.5	414.8
20732	68108	ZINC	4	373.6	489.9
20734	68108	ZINC	3	315.6	390.8
20736	68108	ZINC	3	178.5	191.4
20738	68108	ZINC	5	345.1	600.9
20740	68108	ZINC	4	353.7	481.4
20741	68108	ZINC	4	540.7	829.6
20742	68108	ZINC	3	325.0	425.3
20744	68108	ZINC	3	377.5	394.1
20745	68108	ZINC	4	264.1	334.1
20746	68108	ZINC	4	257.3	335.1
20749	68108	ZINC	4	315.7	396.1
20750	68108	ZINC	5	163.6	244.7
20752	68108	ZINC	5	272.8	365.0
20755	68108	ZINC	3	205.0	256.2
20758	68108	ZINC	5	225.3	384.4
20766	68108	ZINC	4	348.4	507.1
20771	68108	ZINC	2	423.7	457.0
20778	68108	ZINC	4	325.8	454.9
20780	68108	ZINC	4	446.1	594.0
20782	68108	ZINC	4	417.2	603.2
20784	68108	ZINC	4	585.8	978.8
20785	68108	ZINC	5	237.1	340.9
20786	68108	ZINC	4	464.3	729.9
20793	68108	ZINC	4	282.6	322.0
20795	68108	ZINC	4	298.2	351.5
20799	68108	ZINC	4	383.6	659.9
20802	68108	ZINC	4	399.1	490.5
20806	68108	ZINC	5	352.2	605.1
20808	68108	ZINC	6	372.2	481.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
20811	68108	ZINC	3	442.6	528.6
20816	68108	ZINC	5	250.0	390.0
20818	68108	ZINC	4	245.4	336.4
20822	68108	ZINC	4	247.2	276.6
20827	68108	ZINC	4	332.1	573.7
20831	68108	ZINC	4	428.7	580.8
20832	68108	ZINC	3	298.5	355.9
20835	68108	ZINC	4	248.1	390.7
20846	68108	ZINC	5	397.6	574.6
20864	68108	ZINC	3	567.5	597.3
20865	68108	ZINC	3	402.3	443.2
20866	68108	ZINC	4	560.8	675.9
20870	68108	ZINC	4	307.2	377.6
20875	68108	ZINC	5	189.6	279.5
20880	68108	ZINC	4	383.0	477.5
20881	68108	ZINC	5	393.0	746.0
20891	68108	ZINC	3	206.3	269.4
20904	68108	ZINC	2	340.9	365.1
20912	68108	ZINC	4	450.9	959.3
20918	68108	ZINC	4	307.9	360.1
20922	68108	ZINC	4	504.3	638.0
20926	68108	ZINC	3	419.9	563.2
20929	68108	ZINC	5	348.3	538.2
20938	68108	ZINC	4	412.7	792.5
20939	68108	ZINC	5	437.3	881.6
20940	68108	ZINC	2	563.5	873.1
20941	68108	ZINC	4	237.5	315.8
20968	68108	ZINC	5	607.2	831.2
20972	68108	ZINC	5	355.4	448.8
20974	68108	ZINC	4	189.2	296.2
20978	68108	ZINC	4	207.9	284.0
20979	68108	ZINC	3	402.1	560.6
20981	68108	ZINC	4	291.8	378.8
20982	68108	ZINC	4	603.6	877.9
20988	68108	ZINC	4	339.2	443.2
20989	68108	ZINC	3	183.8	282.6
20991	68108	ZINC	5	189.6	300.7
20992	68108	ZINC	5	387.2	948.6
20996	68108	ZINC	4	152.2	267.6
20998	68108	ZINC	4	236.7	352.0
21003	68108	ZINC	4	126.2	170.1
21004	68108	ZINC	4	363.7	431.6
21006	68108	ZINC	2	463.5	492.3
21017	68108	ZINC	4	506.8	721.0
21026	68108	ZINC	4	411.2	534.1
21030	68108	ZINC	2	320.5	404.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21039	68108	ZINC	4	127.7	134.9
21044	68108	ZINC	4	109.8	135.1
21063	68108	ZINC	4	466.2	707.6
21084	68108	ZINC	5	74.4	115.6
21091	68108	ZINC	2	414.3	465.8
21103	68108	ZINC	4	127.0	174.3
21118	68108	ZINC	2	266.2	321.3
21121	68108	ZINC	4	127.9	160.0
21123	68108	ZINC	4	114.7	151.2
21126	68108	ZINC	4	88.5	139.7
21127	68108	ZINC	4	334.7	487.6
21128	68108	ZINC	4	534.0	691.2
21131	68108	ZINC	4	299.5	346.0
21134	68108	ZINC	4	407.5	491.1
21135	68108	ZINC	1	889.1	889.1
21142	68108	ZINC	4	409.4	498.9
21145	68108	ZINC	4	444.4	666.8
21146	68108	ZINC	4	460.4	803.8
21154	68108	ZINC	3	230.1	296.3
21155	68108	ZINC	2	465.3	518.1
21156	68108	ZINC	4	520.9	743.3
21157	68108	ZINC	2	409.2	591.6
21161	68108	ZINC	4	346.4	354.1
21168	68108	ZINC	4	377.8	599.9
21172	68108	ZINC	3	562.1	669.8
21175	68108	ZINC	4	697.7	962.2
21181	68108	ZINC	4	291.6	521.1
21184	68108	ZINC	4	167.6	288.0
21188	68108	ZINC	4	632.3	699.3
21190	68108	ZINC	4	347.2	479.0
21197	68108	ZINC	3	350.6	407.2
21199	68108	ZINC	4	360.0	523.6
21217	68108	ZINC	4	193.4	263.3
21224	68108	ZINC	2	326.9	417.3
21227	68108	ZINC	4	210.3	309.7
21234	68108	ZINC	4	379.2	482.2
21235	68108	ZINC	4	389.3	420.0
21236	68108	ZINC	4	338.6	437.3
21238	68108	ZINC	2	460.7	513.6
21240	68108	ZINC	4	344.3	507.2
21242	68108	ZINC	2	400.8	446.6
21245	68108	ZINC	4	111.7	191.5
21246	68108	ZINC	3	299.8	413.5
21250	68108	ZINC	2	329.3	465.8
21253	68108	ZINC	2	662.2	682.7
21255	68108	ZINC	4	58.2	75.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21256	68108	ZINC	2	80.1	86.4
21284	68108	ZINC	4	386.5	548.2
21292	68108	ZINC	3	142.6	219.0
21353	68108	ZINC	4	132.9	142.5
21357	68108	ZINC	4	90.3	101.5
21359	68108	ZINC	3	85.2	126.9
21363	68108	ZINC	4	56.9	88.5
21370	68108	ZINC	4	149.2	200.9
21383	68108	ZINC	4	192.5	440.2
21389	68108	ZINC	4	332.3	670.0
21392	68108	ZINC	4	84.4	100.0
21395	68108	ZINC	4	286.4	409.3
21398	68108	ZINC	4	183.0	273.8
21400	68108	ZINC	3	300.2	347.1
21401	68108	ZINC	3	226.2	271.3
21406	68108	ZINC	4	396.0	816.2
21407	68108	ZINC	4	47.6	68.6
21413	68108	ZINC	4	351.9	438.6
21416	68108	ZINC	2	90.2	92.0
21422	68108	ZINC	4	88.2	99.0
21428	68108	ZINC	4	354.7	400.0
21432	68108	ZINC	4	600.8	1241.9
21437	68108	ZINC	3	218.6	257.2
21441	68108	ZINC	2	217.5	274.2
21442	68108	ZINC	4	366.1	471.3
21452	68108	ZINC	4	92.0	108.8
21456	68108	ZINC	3	371.0	531.8
21461	68108	ZINC	4	372.3	605.1
21463	68108	ZINC	4	497.9	665.3
21502	68108	ZINC	4	300.0	360.4
21506	68108	ZINC	3	483.1	867.7
21508	68108	ZINC	3	735.8	1885.3
21510	68108	ZINC	3	565.8	593.9
21512	68108	ZINC	4	359.6	450.3
21518	68108	ZINC	4	324.4	352.1
21526	68108	ZINC	4	474.2	663.5
21534	68108	ZINC	3	252.6	271.3
21554	68108	ZINC	5	418.7	598.8
21556	68108	ZINC	4	426.2	623.3
21569	68108	ZINC	2	455.9	484.9
21572	68108	ZINC	4	229.8	305.3
21573	68108	ZINC	4	435.5	575.9
21575	68108	ZINC	4	618.7	762.6
21582	68108	ZINC	4	259.4	270.0
21599	68108	ZINC	4	459.7	686.7
21620	68108	ZINC	3	847.2	1420.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
21627	68108	ZINC	4	441.0	581.2
21635	68108	ZINC	4	268.1	294.9
21642	68108	ZINC	2	300.2	353.8
21659	68108	ZINC	4	369.7	562.4
21664	68108	ZINC	5	129.1	209.4
21668	68108	ZINC	4	361.9	418.6
21671	68108	ZINC	4	262.1	405.3
21717	68108	ZINC	4	295.0	362.1
21729	68108	ZINC	4	296.2	382.7
21732	68108	ZINC	4	431.2	518.2
21741	68108	ZINC	4	267.1	394.0
21756	68108	ZINC	4	397.5	452.0
21765	68108	ZINC	4	413.0	501.8
21767	68108	ZINC	4	372.6	546.7
21771	68108	ZINC	1	176.4	176.4
21785	68108	ZINC	3	367.3	404.2
21791	68108	ZINC	4	389.3	524.8
21792	68108	ZINC	4	396.8	551.2
21798	68108	ZINC	5	365.6	441.2
21805	68108	ZINC	4	245.0	314.1
21830	68108	ZINC	4	392.3	779.3
21839	68108	ZINC	4	231.5	298.5
21846	68108	ZINC	4	403.9	764.9
21848	68108	ZINC	1	354.9	354.9
21856	68108	ZINC	3	293.7	360.9
21863	68108	ZINC	5	400.5	513.0
21876	68108	ZINC	4	221.8	339.0
21886	68108	ZINC	3	305.8	367.9
21897	68108	ZINC	3	369.4	544.2
21905	68108	ZINC	2	253.3	307.1
21917	68108	ZINC	4	210.8	258.9
21920	68108	ZINC	3	227.8	313.3
21940	68108	ZINC	3	289.7	418.2
21945	68108	ZINC	3	485.9	624.1
21947	68108	ZINC	3	324.0	534.7
21955	68108	ZINC	3	350.9	572.0
21959	68108	ZINC	4	305.5	318.5
21972	68108	ZINC	4	519.9	710.7
21992	68108	ZINC	5	295.7	382.8
22003	68108	ZINC	4	220.4	271.3
22059	68108	ZINC	4	329.4	364.8
22063	68108	ZINC	3	325.7	424.9
22066	68108	ZINC	1	374.5	374.5
22068	68108	ZINC	4	464.8	511.8
22082	68108	ZINC	4	324.3	462.7
22086	68108	ZINC	4	401.3	668.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22095	68108	ZINC	4	370.8	503.9
22108	68108	ZINC	4	285.4	345.8
22111	68108	ZINC	4	411.7	632.7
22116	68108	ZINC	2	356.0	388.5
22118	68108	ZINC	2	383.3	391.8
22126	68108	ZINC	4	574.1	1193.4
22136	68108	ZINC	4	232.1	464.6
22166	68108	ZINC	2	142.5	172.9
22176	68108	ZINC	4	354.2	396.5
22201	68108	ZINC	4	180.4	250.3
22203	68108	ZINC	4	210.1	409.8
22236	68108	ZINC	2	201.3	205.6
22256	68108	ZINC	2	172.1	177.5
22263	68108	ZINC	4	174.4	216.8
22265	68108	ZINC	4	194.4	239.4
22282	68108	ZINC	4	301.9	399.0
22283	68108	ZINC	4	362.4	752.2
22294	68108	ZINC	4	479.1	534.7
22296	68108	ZINC	4	906.9	1178.2
22304	68108	ZINC	4	228.9	372.4
22306	68108	ZINC	3	251.4	403.6
22308	68108	ZINC	4	228.1	379.1
34290	68108	ZINC	2	786.1	1298.0
49149	68108	ZINC	5	353.2	487.5
49254	68108	ZINC	4	342.8	416.1
49256	68108	ZINC	5	193.9	246.8
49264	68108	ZINC	4	145.3	159.4
49265	68108	ZINC	4	130.2	150.3
49268	68108	ZINC	4	126.5	188.5
49269	68108	ZINC	4	120.2	124.5
49270	68108	ZINC	4	122.5	128.9
49277	68108	ZINC	2	423.4	537.6
50449	68108	ZINC	5	166.5	206.6
50450	68108	ZINC	4	163.2	246.2
50451	68108	ZINC	4	164.2	190.0
50452	68108	ZINC	4	145.1	170.0
50453	68108	ZINC	4	180.6	297.2
50454	68108	ZINC	4	190.7	267.2
50455	68108	ZINC	4	220.5	343.2
50456	68108	ZINC	4	164.7	188.4
50457	68108	ZINC	4	147.0	186.8
50458	68108	ZINC	4	136.9	159.2
50459	68108	ZINC	4	159.4	215.9
50460	68108	ZINC	4	133.7	146.6
50461	68108	ZINC	4	152.3	167.7
50462	68108	ZINC	4	150.8	173.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50463	68108	ZINC	4	146.0	160.3
50464	68108	ZINC	4	130.9	149.1
50465	68108	ZINC	4	131.4	168.0
50466	68108	ZINC	4	142.5	157.8
50467	68108	ZINC	5	163.6	199.9
50468	68108	ZINC	5	189.6	277.3
50469	68108	ZINC	4	174.9	209.9
50470	68108	ZINC	5	124.8	136.0
50472	68108	ZINC	4	140.5	164.0
50486	68108	ZINC	3	188.4	299.7
50518	68108	ZINC	3	332.7	416.7
50523	68108	ZINC	1	385.9	385.9
50524	68108	ZINC	3	545.4	908.8
50525	68108	ZINC	3	1061.3	2421.1
50526	68108	ZINC	4	680.9	1076.9
50529	68108	ZINC	3	370.2	540.9
50530	68108	ZINC	3	330.7	440.1
50532	68108	ZINC	2	486.4	638.6
50562	68108	ZINC	3	568.8	633.5
50568	68108	ZINC	2	465.7	554.7
50577	68108	ZINC	4	368.6	496.0
50596	68108	ZINC	4	309.1	463.5
50623	68108	ZINC	2	483.7	601.9
50624	68108	ZINC	2	861.4	1140.0
50651	68108	ZINC	3	478.1	731.2
50652	68108	ZINC	2	397.7	461.1
50674	68108	ZINC	2	292.8	381.9
52419	68108	ZINC	4	432.7	555.6
52420	68108	ZINC	2	488.8	589.6
62914	68108	ZINC	4	251.3	568.6
62915	68108	ZINC	4	634.7	895.2
64162	68108	ZINC	4	187.9	314.0
64395	68108	ZINC	2	140.5	148.5
74005	68108	ZINC	4	174.7	253.5
74047	68108	ZINC	4	249.0	489.4
74643	68108	ZINC	2	154.3	170.7
75056	68108	ZINC	4	237.0	392.4
75057	68108	ZINC	4	160.1	208.1
79306	68108	ZINC	4	245.7	322.0
84762	68108	ZINC	2	471.6	511.6
87492	68108	ZINC	2	191.7	271.3
87917	68108	ZINC	2	156.9	170.7
87919	68108	ZINC	2	222.4	242.8
87989	68108	ZINC	4	360.5	635.0
87990	68108	ZINC	3	315.8	401.3
87999	68108	ZINC	3	215.5	292.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
88000	68108	ZINC	2	174.3	184.1
88001	68108	ZINC	2	222.4	224.1
88002	68108	ZINC	4	241.5	339.8
88003	68108	ZINC	3	201.9	256.2
88004	68108	ZINC	2	271.5	302.0
88005	68108	ZINC	2	263.7	325.6
88015	68108	ZINC	4	209.7	219.7
88031	68108	ZINC	3	277.4	426.2
88078	68108	ZINC	2	934.4	1343.8
88959	68108	ZINC	4	125.8	149.4
89283	68108	ZINC	5	503.2	1007.3
89842	68108	ZINC	3	321.9	395.9
90091	68108	ZINC	4	229.9	241.9
90092	68108	ZINC	2	124.0	138.7
90093	68108	ZINC	4	111.8	122.7
90094	68108	ZINC	4	93.1	97.8
90096	68108	ZINC	4	123.6	135.1
90097	68108	ZINC	4	311.6	511.6
90529	68108	ZINC	3	120.9	138.7
90599	68108	ZINC	4	174.7	201.9
90600	68108	ZINC	4	126.0	155.6
90601	68108	ZINC	4	126.4	137.8
90602	68108	ZINC	4	141.8	179.6
91071	68108	ZINC	2	312.7	481.4
91096	68108	ZINC	1	258.9	258.9
91300	68108	ZINC	2	288.2	290.0
91313	68108	ZINC	2	261.1	316.7
91531	68108	ZINC	2	215.2	266.0
92372	68108	ZINC	4	195.5	237.0
92680	68108	ZINC	4	371.2	554.3
93003	68108	ZINC	4	276.6	529.4
93004	68108	ZINC	3	248.5	414.6
93005	68108	ZINC	2	205.9	209.9
93006	68108	ZINC	3	313.4	566.8
93007	68108	ZINC	3	235.7	336.3
93008	68108	ZINC	4	413.9	666.5
93009	68108	ZINC	3	293.0	404.8
93010	68108	ZINC	2	193.9	270.4
93031	68108	ZINC	3	306.9	554.3
93094	68108	ZINC	2	312.4	322.6
93133	68108	ZINC	4	112.5	129.1
93152	68108	ZINC	3	454.1	549.1
93214	68108	ZINC	1	319.2	319.2
93455	68108	ZINC	4	276.7	410.2
93474	68108	ZINC	2	403.0	657.6
93475	68108	ZINC	3	199.2	252.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
93494	68108	ZINC	2	559.2	581.0
93496	68108	ZINC	2	251.3	271.3
93497	68108	ZINC	4	243.9	323.8
93520	68108	ZINC	2	240.6	241.1
93521	68108	ZINC	2	224.1	235.7
93522	68108	ZINC	2	285.1	339.0
93579	68108	ZINC	2	430.6	441.3
152	68110	ZINC	4	328.0	377.0
155	68110	ZINC	3	228.0	276.7
165	68110	ZINC	3	232.2	256.9
186	68110	ZINC	4	167.3	226.3
191	68110	ZINC	2	223.7	278.3
192	68110	ZINC	4	351.3	535.3
193	68110	ZINC	3	261.8	366.2
196	68110	ZINC	3	151.8	170.6
198	68110	ZINC	4	204.1	314.4
203	68110	ZINC	2	339.0	360.7
204	68110	ZINC	4	378.1	574.4
206	68110	ZINC	4	255.1	538.8
209	68110	ZINC	4	194.6	216.8
210	68110	ZINC	4	168.7	183.6
211	68110	ZINC	4	223.6	314.4
212	68110	ZINC	4	314.3	472.6
217	68110	ZINC	2	375.7	401.8
226	68110	ZINC	3	309.6	411.8
232	68110	ZINC	4	258.9	385.8
233	68110	ZINC	4	207.4	424.2
234	68110	ZINC	2	199.7	207.4
235	68110	ZINC	4	275.4	407.8
236	68110	ZINC	4	349.3	491.5
238	68110	ZINC	4	322.6	432.8
239	68110	ZINC	4	144.1	223.1
241	68110	ZINC	4	162.2	282.9
242	68110	ZINC	4	205.4	295.2
244	68110	ZINC	4	278.5	452.0
246	68110	ZINC	4	159.8	257.4
248	68110	ZINC	4	249.0	300.9
252	68110	ZINC	4	169.4	202.8
253	68110	ZINC	4	173.0	196.0
289	68110	ZINC	5	135.3	225.6
290	68110	ZINC	5	180.4	224.1
292	68110	ZINC	4	249.6	536.7
294	68110	ZINC	4	219.4	298.9
299	68110	ZINC	3	129.7	170.1
301	68110	ZINC	4	282.8	337.5
302	68110	ZINC	4	249.9	317.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
303	68110	ZINC	4	189.3	262.1
304	68110	ZINC	4	192.3	263.7
306	68110	ZINC	4	167.0	198.8
309	68110	ZINC	4	204.2	273.6
312	68110	ZINC	4	294.0	779.1
313	68110	ZINC	4	344.0	536.7
314	68110	ZINC	4	343.5	525.0
316	68110	ZINC	2	365.6	382.2
317	68110	ZINC	4	195.7	272.9
320	68110	ZINC	3	127.5	178.9
321	68110	ZINC	4	194.3	264.4
322	68110	ZINC	4	228.0	355.0
324	68110	ZINC	4	171.3	216.3
325	68110	ZINC	4	232.9	290.2
326	68110	ZINC	4	288.5	347.0
329	68110	ZINC	3	179.7	317.2
333	68110	ZINC	3	276.3	391.5
334	68110	ZINC	4	158.7	172.0
335	68110	ZINC	4	149.6	182.9
342	68110	ZINC	4	188.2	282.3
345	68110	ZINC	2	215.9	240.5
348	68110	ZINC	3	414.5	908.7
352	68110	ZINC	5	123.4	179.6
358	68110	ZINC	4	231.6	288.0
361	68110	ZINC	3	311.4	415.0
364	68110	ZINC	5	385.6	752.1
365	68110	ZINC	3	134.3	207.9
368	68110	ZINC	3	113.1	157.1
369	68110	ZINC	4	98.0	143.5
370	68110	ZINC	5	87.4	145.3
373	68110	ZINC	4	90.6	138.4
374	68110	ZINC	5	316.5	387.5
376	68110	ZINC	3	239.1	352.1
378	68110	ZINC	4	183.3	371.2
379	68110	ZINC	4	92.1	126.2
382	68110	ZINC	4	390.7	769.2
383	68110	ZINC	4	308.1	526.4
387	68110	ZINC	4	178.4	221.1
390	68110	ZINC	4	239.5	287.7
392	68110	ZINC	3	123.7	190.7
395	68110	ZINC	3	202.3	402.1
396	68110	ZINC	3	356.4	621.4
398	68110	ZINC	4	96.0	132.0
400	68110	ZINC	4	144.2	203.1
403	68110	ZINC	3	143.4	148.0
404	68110	ZINC	3	149.2	177.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
405	68110	ZINC	4	231.4	322.9
407	68110	ZINC	3	145.8	149.8
412	68110	ZINC	4	308.4	613.6
416	68110	ZINC	4	540.3	604.0
419	68110	ZINC	4	105.0	200.2
422	68110	ZINC	4	552.8	948.6
423	68110	ZINC	5	187.9	209.5
424	68110	ZINC	3	129.1	163.9
425	68110	ZINC	4	219.5	291.2
426	68110	ZINC	3	224.9	255.6
430	68110	ZINC	3	264.9	335.7
431	68110	ZINC	2	126.6	138.6
432	68110	ZINC	4	568.4	1063.9
433	68110	ZINC	4	176.1	210.3
435	68110	ZINC	3	172.6	255.1
436	68110	ZINC	3	300.2	353.9
437	68110	ZINC	2	228.5	269.4
439	68110	ZINC	4	167.5	370.1
445	68110	ZINC	4	176.9	202.2
446	68110	ZINC	4	88.6	118.1
447	68110	ZINC	4	83.2	131.5
448	68110	ZINC	5	139.8	179.1
450	68110	ZINC	4	287.9	416.0
451	68110	ZINC	4	237.8	319.5
454	68110	ZINC	2	365.6	378.3
456	68110	ZINC	4	138.4	273.1
457	68110	ZINC	2	140.1	173.1
459	68110	ZINC	4	173.0	321.0
461	68110	ZINC	4	261.3	398.6
463	68110	ZINC	1	344.1	344.1
464	68110	ZINC	4	302.7	462.3
466	68110	ZINC	4	324.9	384.7
471	68110	ZINC	5	305.4	628.0
472	68110	ZINC	3	139.0	168.1
475	68110	ZINC	4	182.0	284.7
480	68110	ZINC	3	156.9	284.7
481	68110	ZINC	4	263.0	402.5
482	68110	ZINC	4	247.0	405.0
486	68110	ZINC	4	168.4	191.9
488	68110	ZINC	3	501.2	653.5
489	68110	ZINC	4	195.5	292.5
491	68110	ZINC	5	354.0	445.6
497	68110	ZINC	4	166.6	275.4
499	68110	ZINC	3	148.9	195.7
504	68110	ZINC	5	336.0	553.1
508	68110	ZINC	4	194.2	320.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
509	68110	ZINC	2	215.6	241.8
510	68110	ZINC	3	253.9	356.4
516	68110	ZINC	4	186.1	212.6
517	68110	ZINC	3	166.1	185.1
520	68110	ZINC	4	121.5	155.7
529	68110	ZINC	3	678.4	904.5
538	68110	ZINC	4	411.9	531.4
608	68110	ZINC	3	255.1	343.9
611	68110	ZINC	4	182.7	220.0
619	68110	ZINC	1	128.5	128.5
621	68110	ZINC	3	200.7	302.8
650	68110	ZINC	4	197.6	270.8
721	68110	ZINC	1	410.0	410.0
879	68110	ZINC	3	148.1	165.7
954	68110	ZINC	4	242.7	355.3
969	68110	ZINC	4	173.5	254.8
1001	68110	ZINC	4	296.2	344.5
1005	68110	ZINC	3	205.1	257.6
1027	68110	ZINC	1	227.9	227.9
1034	68110	ZINC	4	231.4	368.3
1047	68110	ZINC	3	187.3	219.9
1050	68110	ZINC	4	197.9	298.2
1053	68110	ZINC	4	419.4	507.9
1064	68110	ZINC	4	147.2	163.2
1070	68110	ZINC	4	540.7	818.3
1071	68110	ZINC	4	257.8	367.4
1077	68110	ZINC	4	309.8	426.7
1089	68110	ZINC	4	262.1	347.7
1092	68110	ZINC	4	230.0	270.1
1094	68110	ZINC	4	173.2	184.1
1097	68110	ZINC	4	153.7	296.2
1103	68110	ZINC	4	201.2	287.5
1107	68110	ZINC	4	155.3	176.1
1114	68110	ZINC	4	213.5	289.3
1118	68110	ZINC	4	153.7	219.9
1121	68110	ZINC	2	273.4	300.0
1124	68110	ZINC	5	303.3	393.6
1126	68110	ZINC	4	350.8	930.8
1128	68110	ZINC	5	152.4	183.1
1129	68110	ZINC	4	180.0	263.7
1130	68110	ZINC	4	254.9	379.0
1131	68110	ZINC	3	163.8	239.4
1132	68110	ZINC	4	147.1	243.5
1199	68110	ZINC	4	309.4	479.7
1200	68110	ZINC	4	313.3	566.3
1205	68110	ZINC	4	189.6	302.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1207	68110	ZINC	4	286.1	459.8
1209	68110	ZINC	4	206.6	326.1
1233	68110	ZINC	4	291.2	618.2
1313	68110	ZINC	3	463.9	903.0
1319	68110	ZINC	4	394.1	504.7
1342	68110	ZINC	3	145.1	170.2
1352	68110	ZINC	4	337.3	655.3
1369	68110	ZINC	4	171.8	354.4
1378	68110	ZINC	4	244.8	310.6
1379	68110	ZINC	4	116.8	134.9
1449	68110	ZINC	4	154.7	235.5
1494	68110	ZINC	4	134.0	153.0
1509	68110	ZINC	5	218.7	368.9
1511	68110	ZINC	3	145.4	188.9
2018	68110	ZINC	3	275.3	417.4
2069	68110	ZINC	4	185.0	239.8
2265	68110	ZINC	4	258.9	315.5
2280	68110	ZINC	4	286.4	408.2
2354	68110	ZINC	4	298.3	443.0
2355	68110	ZINC	4	274.6	422.6
2533	68110	ZINC	2	326.3	348.4
2534	68110	ZINC	4	300.3	443.1
2539	68110	ZINC	5	266.0	325.2
2541	68110	ZINC	4	143.0	192.0
2543	68110	ZINC	4	201.7	266.8
2546	68110	ZINC	4	251.7	395.9
2547	68110	ZINC	4	245.9	309.6
3033	68110	ZINC	5	180.1	188.6
3108	68110	ZINC	4	109.1	135.6
3117	68110	ZINC	3	296.8	546.9
3136	68110	ZINC	4	195.9	227.0
5202	68110	ZINC	4	100.2	153.2
5203	68110	ZINC	4	198.5	301.3
5257	68110	ZINC	4	221.2	258.6
5258	68110	ZINC	4	130.9	181.0
5388	68110	ZINC	4	121.5	152.0
5497	68110	ZINC	2	114.3	118.8
5507	68110	ZINC	4	222.4	264.5
5520	68110	ZINC	4	326.2	445.0
5521	68110	ZINC	4	227.3	367.6
5522	68110	ZINC	4	478.1	992.7
5523	68110	ZINC	4	177.5	230.2
5525	68110	ZINC	3	342.5	643.0
5526	68110	ZINC	4	407.3	554.5
5527	68110	ZINC	4	236.7	290.0
5528	68110	ZINC	4	261.2	310.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5530	68110	ZINC	4	314.8	519.3
5531	68110	ZINC	4	246.5	326.5
5532	68110	ZINC	3	731.5	966.4
5533	68110	ZINC	4	422.9	670.6
5535	68110	ZINC	4	255.3	274.7
5536	68110	ZINC	4	237.8	430.6
5539	68110	ZINC	2	322.6	465.9
5540	68110	ZINC	2	326.0	411.4
5541	68110	ZINC	4	250.6	346.1
5543	68110	ZINC	4	138.2	187.7
5544	68110	ZINC	4	115.0	184.1
5545	68110	ZINC	4	183.6	215.5
5546	68110	ZINC	4	132.5	183.0
5549	68110	ZINC	2	267.4	303.5
5551	68110	ZINC	4	280.9	390.0
5552	68110	ZINC	2	209.5	277.5
5553	68110	ZINC	4	217.8	311.9
5554	68110	ZINC	2	244.5	279.0
5556	68110	ZINC	4	191.8	220.2
5557	68110	ZINC	4	199.0	249.8
5558	68110	ZINC	4	245.0	320.1
5559	68110	ZINC	4	182.1	262.2
5560	68110	ZINC	3	322.9	358.5
5561	68110	ZINC	4	263.7	300.1
5562	68110	ZINC	4	178.4	264.7
5563	68110	ZINC	4	136.4	308.0
5564	68110	ZINC	3	240.3	258.3
5565	68110	ZINC	5	167.3	257.0
5566	68110	ZINC	4	233.9	268.3
5568	68110	ZINC	4	82.0	97.2
5569	68110	ZINC	4	72.2	116.7
5570	68110	ZINC	4	195.7	264.2
5577	68110	ZINC	4	546.5	822.2
5579	68110	ZINC	4	247.6	374.1
5581	68110	ZINC	4	116.0	140.5
5612	68110	ZINC	4	358.1	401.1
5614	68110	ZINC	5	423.2	614.0
5615	68110	ZINC	3	367.9	550.2
5616	68110	ZINC	3	286.4	340.2
5617	68110	ZINC	3	365.2	473.3
5620	68110	ZINC	3	201.9	257.4
5621	68110	ZINC	4	230.7	286.1
5640	68110	ZINC	4	135.2	149.5
5641	68110	ZINC	3	218.8	248.9
5642	68110	ZINC	3	220.5	263.1
5643	68110	ZINC	3	266.0	372.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5646	68110	ZINC	4	272.7	361.6
5647	68110	ZINC	2	306.6	344.5
5648	68110	ZINC	4	81.9	106.8
5649	68110	ZINC	2	376.2	380.2
5650	68110	ZINC	4	148.6	194.8
5651	68110	ZINC	4	220.3	257.4
5661	68110	ZINC	2	137.2	202.2
5662	68110	ZINC	4	104.1	110.6
5668	68110	ZINC	4	136.9	160.9
5669	68110	ZINC	4	128.9	137.1
5671	68110	ZINC	4	229.5	294.6
5676	68110	ZINC	4	331.3	425.6
5677	68110	ZINC	4	219.6	344.6
5678	68110	ZINC	4	249.0	396.1
5680	68110	ZINC	4	150.9	212.5
5689	68110	ZINC	4	294.6	416.2
26047	68110	ZINC	4	195.8	266.5
26085	68110	ZINC	4	256.9	341.7
26096	68110	ZINC	4	172.2	247.6
26099	68110	ZINC	4	132.9	144.3
26104	68110	ZINC	4	204.6	295.1
26122	68110	ZINC	4	263.4	346.3
26133	68110	ZINC	4	257.8	554.2
26169	68110	ZINC	4	425.5	612.6
26175	68110	ZINC	4	196.1	232.5
26180	68110	ZINC	4	141.4	176.1
26182	68110	ZINC	3	441.4	615.4
26186	68110	ZINC	4	180.9	263.4
26198	68110	ZINC	2	419.5	486.6
26201	68110	ZINC	4	164.8	268.3
26218	68110	ZINC	4	212.6	255.9
26234	68110	ZINC	4	144.1	165.4
26238	68110	ZINC	4	193.4	233.8
26239	68110	ZINC	4	222.9	370.1
26243	68110	ZINC	4	211.6	315.5
26252	68110	ZINC	4	190.6	277.1
26253	68110	ZINC	4	201.0	224.2
26259	68110	ZINC	2	206.3	319.4
26260	68110	ZINC	4	256.6	312.1
26267	68110	ZINC	4	171.5	181.2
26298	68110	ZINC	4	368.7	545.8
26341	68110	ZINC	4	196.9	239.4
26365	68110	ZINC	4	295.5	328.9
26367	68110	ZINC	4	156.7	234.8
26369	68110	ZINC	4	769.3	1098.1
26384	68110	ZINC	4	162.7	187.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26386	68110	ZINC	4	179.4	188.4
26389	68110	ZINC	4	116.8	136.8
26393	68110	ZINC	4	197.3	323.7
26398	68110	ZINC	4	128.0	150.9
26402	68110	ZINC	4	175.0	204.6
26410	68110	ZINC	4	193.8	289.6
26411	68110	ZINC	4	123.2	141.5
26447	68110	ZINC	4	180.7	253.6
26452	68110	ZINC	4	162.3	180.4
26454	68110	ZINC	4	139.8	154.7
26460	68110	ZINC	4	463.1	824.0
26462	68110	ZINC	4	180.5	215.3
26465	68110	ZINC	2	485.2	568.5
26502	68110	ZINC	4	260.7	361.9
26508	68110	ZINC	2	289.8	344.4
26511	68110	ZINC	4	270.6	372.8
26527	68110	ZINC	4	284.3	406.7
26533	68110	ZINC	4	121.6	137.1
26540	68110	ZINC	4	172.8	199.1
26544	68110	ZINC	4	286.5	387.5
26546	68110	ZINC	4	124.6	138.5
26548	68110	ZINC	4	151.4	186.8
26550	68110	ZINC	4	198.4	309.0
26551	68110	ZINC	4	101.8	129.9
26557	68110	ZINC	4	410.6	494.0
26559	68110	ZINC	4	149.4	207.2
26563	68110	ZINC	4	161.5	205.8
26568	68110	ZINC	4	195.8	220.2
26572	68110	ZINC	4	221.6	268.1
26584	68110	ZINC	4	199.7	280.2
26608	68110	ZINC	4	201.7	392.6
26622	68110	ZINC	4	163.0	218.1
26623	68110	ZINC	4	263.1	338.4
26627	68110	ZINC	4	124.0	129.2
26639	68110	ZINC	4	210.7	328.8
26697	68110	ZINC	4	123.0	157.2
26701	68110	ZINC	4	167.8	190.7
26703	68110	ZINC	4	197.9	219.3
26704	68110	ZINC	4	231.1	255.1
26706	68110	ZINC	4	173.9	209.3
26707	68110	ZINC	4	145.9	161.2
26708	68110	ZINC	4	132.6	157.7
26709	68110	ZINC	4	224.9	314.2
26731	68110	ZINC	4	229.1	352.1
26762	68110	ZINC	4	154.1	196.0
26809	68110	ZINC	2	350.1	433.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26823	68110	ZINC	4	207.3	366.0
26835	68110	ZINC	4	326.3	417.1
26838	68110	ZINC	4	234.7	322.4
26841	68110	ZINC	4	211.5	272.1
26843	68110	ZINC	4	189.5	229.6
26846	68110	ZINC	4	173.3	206.9
26862	68110	ZINC	4	260.5	491.0
26873	68110	ZINC	4	168.8	198.6
26895	68110	ZINC	5	233.3	274.9
26917	68110	ZINC	4	186.4	231.1
26919	68110	ZINC	4	180.4	204.6
26921	68110	ZINC	4	206.6	225.9
26924	68110	ZINC	4	177.7	297.1
26929	68110	ZINC	4	120.8	134.3
26946	68110	ZINC	4	148.6	190.8
26969	68110	ZINC	4	221.2	259.8
26974	68110	ZINC	4	236.0	338.2
26975	68110	ZINC	4	251.5	447.5
26979	68110	ZINC	4	143.8	190.7
27023	68110	ZINC	4	261.5	360.9
27030	68110	ZINC	4	185.0	195.8
27034	68110	ZINC	4	166.8	288.5
27044	68110	ZINC	4	154.2	197.6
27049	68110	ZINC	4	180.4	194.1
27057	68110	ZINC	4	118.5	235.2
27059	68110	ZINC	4	127.7	173.1
27065	68110	ZINC	4	152.2	162.4
27069	68110	ZINC	4	127.3	146.8
27076	68110	ZINC	4	201.7	277.3
27088	68110	ZINC	4	134.4	153.9
27089	68110	ZINC	4	273.8	464.4
27098	68110	ZINC	4	124.3	161.7
27126	68110	ZINC	4	205.1	276.1
27181	68110	ZINC	4	195.5	211.3
27187	68110	ZINC	4	193.5	219.6
27232	68110	ZINC	4	134.0	147.5
27233	68110	ZINC	4	315.2	514.6
27235	68110	ZINC	4	194.6	230.9
27261	68110	ZINC	4	329.1	580.8
27284	68110	ZINC	4	170.2	253.6
27287	68110	ZINC	4	128.0	153.5
27291	68110	ZINC	4	224.3	281.0
27296	68110	ZINC	4	263.1	358.1
27327	68110	ZINC	3	701.1	1067.9
27332	68110	ZINC	4	577.1	976.7
27339	68110	ZINC	4	175.7	244.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27343	68110	ZINC	4	265.2	397.6
27352	68110	ZINC	4	187.0	292.5
27378	68110	ZINC	4	269.5	421.9
27386	68110	ZINC	4	98.8	153.1
27389	68110	ZINC	4	294.5	401.3
27400	68110	ZINC	4	324.0	475.6
27406	68110	ZINC	4	162.5	215.3
27407	68110	ZINC	4	328.9	564.5
27417	68110	ZINC	4	796.7	950.6
27435	68110	ZINC	2	393.2	426.0
27436	68110	ZINC	4	397.5	462.7
27501	68110	ZINC	3	231.5	270.3
27527	68110	ZINC	2	403.5	443.1
27541	68110	ZINC	4	184.5	223.2
27554	68110	ZINC	4	518.8	613.0
27589	68110	ZINC	4	399.0	634.0
27592	68110	ZINC	4	307.1	438.7
27628	68110	ZINC	4	281.0	363.8
27643	68110	ZINC	4	385.0	559.7
27649	68110	ZINC	4	332.2	549.7
27667	68110	ZINC	4	195.5	222.9
27680	68110	ZINC	4	271.1	314.9
27683	68110	ZINC	4	125.3	240.1
27690	68110	ZINC	4	310.7	353.8
27693	68110	ZINC	4	235.1	307.4
27704	68110	ZINC	4	258.0	300.0
27730	68110	ZINC	4	848.5	1652.2
27735	68110	ZINC	4	322.7	547.4
27749	68110	ZINC	4	467.7	688.1
27753	68110	ZINC	4	302.2	396.8
27756	68110	ZINC	4	332.7	458.2
27771	68110	ZINC	4	190.5	226.7
27781	68110	ZINC	4	173.2	321.5
27796	68110	ZINC	3	301.9	541.1
27815	68110	ZINC	4	129.9	183.8
27816	68110	ZINC	4	184.4	225.2
27818	68110	ZINC	4	331.3	567.2
27820	68110	ZINC	4	154.3	236.6
27821	68110	ZINC	4	183.5	326.9
27822	68110	ZINC	4	152.5	185.9
27826	68110	ZINC	3	326.2	389.0
27828	68110	ZINC	4	390.5	524.8
27835	68110	ZINC	4	171.0	220.3
27838	68110	ZINC	4	307.0	355.7
27839	68110	ZINC	4	348.3	420.3
27840	68110	ZINC	3	214.2	454.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27841	68110	ZINC	4	471.5	606.8
27844	68110	ZINC	4	120.4	204.0
27847	68110	ZINC	4	130.8	148.3
27849	68110	ZINC	4	252.6	309.6
27852	68110	ZINC	4	275.1	402.8
27855	68110	ZINC	4	322.7	427.3
27881	68110	ZINC	4	273.2	468.6
27884	68110	ZINC	4	478.4	625.7
27889	68110	ZINC	4	183.7	210.5
27907	68110	ZINC	4	143.9	191.3
27927	68110	ZINC	4	188.3	265.0
27928	68110	ZINC	4	357.6	690.0
27955	68110	ZINC	4	203.8	252.7
27956	68110	ZINC	4	264.4	288.8
27958	68110	ZINC	4	201.9	278.9
27959	68110	ZINC	4	351.4	485.2
27961	68110	ZINC	4	158.6	177.1
27963	68110	ZINC	4	270.0	351.3
27964	68110	ZINC	4	355.4	478.7
27966	68110	ZINC	4	329.3	573.2
27967	68110	ZINC	4	293.1	465.0
27968	68110	ZINC	4	505.7	570.2
27971	68110	ZINC	5	100.5	115.3
27973	68110	ZINC	4	378.6	491.9
27984	68110	ZINC	4	331.3	491.0
28012	68110	ZINC	4	162.9	212.0
28021	68110	ZINC	4	227.4	306.4
28053	68110	ZINC	4	88.4	134.3
28061	68110	ZINC	4	323.4	375.0
28068	68110	ZINC	4	132.2	153.2
28070	68110	ZINC	4	221.1	230.5
28071	68110	ZINC	4	370.2	585.6
28073	68110	ZINC	4	289.3	402.2
28074	68110	ZINC	4	455.9	716.8
28075	68110	ZINC	4	201.0	264.3
28077	68110	ZINC	2	365.3	411.5
28080	68110	ZINC	4	140.3	213.5
28081	68110	ZINC	4	269.6	392.1
28086	68110	ZINC	2	179.9	191.9
28092	68110	ZINC	4	281.9	317.0
28098	68110	ZINC	4	152.2	174.8
28113	68110	ZINC	3	297.9	370.6
28116	68110	ZINC	4	207.5	248.8
28120	68110	ZINC	4	201.4	252.3
28152	68110	ZINC	4	304.7	539.8
28155	68110	ZINC	4	523.7	841.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28158	68110	ZINC	4	89.0	92.4
28163	68110	ZINC	3	317.9	640.2
28164	68110	ZINC	4	275.7	330.7
28166	68110	ZINC	4	241.0	309.2
28167	68110	ZINC	4	208.0	233.0
28175	68110	ZINC	3	243.7	263.2
28184	68110	ZINC	4	342.5	573.5
28189	68110	ZINC	4	194.1	221.2
28194	68110	ZINC	4	264.2	356.0
28198	68110	ZINC	4	340.5	455.1
28200	68110	ZINC	4	355.8	601.1
28203	68110	ZINC	4	165.8	224.9
28205	68110	ZINC	2	373.0	416.2
28207	68110	ZINC	2	224.0	294.0
28208	68110	ZINC	4	397.5	511.6
28211	68110	ZINC	4	343.7	444.1
28215	68110	ZINC	4	300.6	382.3
28221	68110	ZINC	1	248.3	248.3
28226	68110	ZINC	4	170.2	209.3
28233	68110	ZINC	4	348.6	377.2
28234	68110	ZINC	4	127.6	143.0
28235	68110	ZINC	4	255.5	360.5
28240	68110	ZINC	4	332.3	385.5
28242	68110	ZINC	4	233.2	288.1
28243	68110	ZINC	4	157.8	173.0
28244	68110	ZINC	4	584.5	921.3
28249	68110	ZINC	4	156.8	184.1
28250	68110	ZINC	4	247.6	398.9
28251	68110	ZINC	4	314.3	538.3
28256	68110	ZINC	2	417.7	535.6
28257	68110	ZINC	4	266.2	334.0
28258	68110	ZINC	4	240.5	356.5
28259	68110	ZINC	4	265.3	403.0
28261	68110	ZINC	4	289.4	401.1
28262	68110	ZINC	4	300.5	323.8
28264	68110	ZINC	4	208.8	260.9
28268	68110	ZINC	4	334.7	404.4
28271	68110	ZINC	4	200.2	210.9
28278	68110	ZINC	4	182.5	206.2
28298	68110	ZINC	3	332.5	553.7
28309	68110	ZINC	4	198.8	229.5
28323	68110	ZINC	4	388.8	748.2
28334	68110	ZINC	4	128.9	210.8
28335	68110	ZINC	4	234.8	363.5
28336	68110	ZINC	3	308.2	419.3
28339	68110	ZINC	4	973.7	2898.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28340	68110	ZINC	4	174.1	205.4
28341	68110	ZINC	4	153.8	192.9
28342	68110	ZINC	4	250.0	294.1
28343	68110	ZINC	3	234.5	305.1
28354	68110	ZINC	4	389.1	722.9
28355	68110	ZINC	4	389.4	438.5
28357	68110	ZINC	4	208.0	243.0
28358	68110	ZINC	4	279.1	363.7
28360	68110	ZINC	4	520.4	692.4
28363	68110	ZINC	2	243.8	288.1
28376	68110	ZINC	4	344.5	596.1
28392	68110	ZINC	4	472.3	505.8
28393	68110	ZINC	4	346.0	435.4
28401	68110	ZINC	4	430.0	456.4
28403	68110	ZINC	4	403.3	442.6
28404	68110	ZINC	2	310.4	390.8
28414	68110	ZINC	4	237.8	325.3
28418	68110	ZINC	4	278.3	342.0
28421	68110	ZINC	4	268.4	375.4
28425	68110	ZINC	4	336.5	381.2
28455	68110	ZINC	4	276.7	429.0
28460	68110	ZINC	4	258.9	375.4
28463	68110	ZINC	4	311.2	459.6
28486	68110	ZINC	4	475.8	731.3
28491	68110	ZINC	3	593.9	660.5
28501	68110	ZINC	4	230.4	277.6
28511	68110	ZINC	4	343.1	392.9
28516	68110	ZINC	4	218.0	280.2
28522	68110	ZINC	4	315.3	366.9
28525	68110	ZINC	4	298.9	390.8
28526	68110	ZINC	4	406.2	483.0
28527	68110	ZINC	4	239.0	295.0
28545	68110	ZINC	3	237.4	368.2
28550	68110	ZINC	4	147.0	183.0
28567	68110	ZINC	4	156.8	219.6
28577	68110	ZINC	4	190.5	331.5
28578	68110	ZINC	4	241.8	407.5
28579	68110	ZINC	4	188.4	204.9
28582	68110	ZINC	4	218.0	368.1
28584	68110	ZINC	4	305.3	409.4
28585	68110	ZINC	4	183.8	256.4
28588	68110	ZINC	4	190.6	287.2
28591	68110	ZINC	4	196.2	225.0
28593	68110	ZINC	4	275.3	437.6
28595	68110	ZINC	4	269.9	315.8
28624	68110	ZINC	4	352.0	624.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28647	68110	ZINC	4	275.5	337.3
28654	68110	ZINC	4	275.8	342.2
28658	68110	ZINC	4	399.0	681.9
28662	68110	ZINC	4	194.8	278.3
28666	68110	ZINC	4	394.6	496.1
28667	68110	ZINC	3	473.4	806.3
28670	68110	ZINC	4	261.8	361.8
28672	68110	ZINC	4	315.2	444.4
28673	68110	ZINC	4	145.5	172.7
28681	68110	ZINC	4	569.6	893.1
28686	68110	ZINC	4	364.3	693.0
28687	68110	ZINC	4	426.4	518.5
28689	68110	ZINC	4	170.5	223.9
28698	68110	ZINC	4	165.8	274.8
28699	68110	ZINC	4	292.4	384.5
28702	68110	ZINC	3	234.6	252.8
28704	68110	ZINC	4	139.0	221.0
28707	68110	ZINC	4	381.4	417.0
28708	68110	ZINC	4	389.9	454.7
28710	68110	ZINC	4	414.9	867.1
28711	68110	ZINC	5	355.7	435.1
28715	68110	ZINC	4	300.5	448.7
28717	68110	ZINC	4	317.0	444.0
28719	68110	ZINC	4	290.3	389.7
28726	68110	ZINC	4	310.4	392.0
28742	68110	ZINC	4	280.8	445.4
28756	68110	ZINC	4	125.1	231.3
28761	68110	ZINC	4	242.7	306.8
28765	68110	ZINC	4	230.3	288.2
28769	68110	ZINC	4	100.4	107.6
28774	68110	ZINC	4	416.8	543.7
28795	68110	ZINC	4	265.6	401.9
28797	68110	ZINC	3	247.3	310.5
28801	68110	ZINC	4	276.3	590.8
28802	68110	ZINC	3	360.1	461.4
28807	68110	ZINC	5	324.3	363.6
28808	68110	ZINC	4	325.2	507.7
28813	68110	ZINC	4	424.1	692.6
28817	68110	ZINC	4	210.1	250.8
28820	68110	ZINC	4	724.6	1945.7
28823	68110	ZINC	4	309.8	650.5
28824	68110	ZINC	5	731.2	1182.0
28827	68110	ZINC	4	470.5	682.8
28839	68110	ZINC	4	200.1	358.6
28848	68110	ZINC	3	301.6	414.8
28857	68110	ZINC	4	297.9	396.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28859	68110	ZINC	4	327.3	422.7
28860	68110	ZINC	4	180.5	263.3
28862	68110	ZINC	4	169.0	199.6
28863	68110	ZINC	4	266.1	315.0
28867	68110	ZINC	1	368.9	368.9
28891	68110	ZINC	4	264.0	349.6
28902	68110	ZINC	4	442.5	697.8
28903	68110	ZINC	4	221.0	235.3
28905	68110	ZINC	4	180.4	221.0
28910	68110	ZINC	4	312.3	428.0
28912	68110	ZINC	4	220.1	262.9
28916	68110	ZINC	4	236.2	345.2
28919	68110	ZINC	4	464.2	988.4
28923	68110	ZINC	4	222.1	363.3
28924	68110	ZINC	4	240.8	285.6
28929	68110	ZINC	4	256.4	329.2
28938	68110	ZINC	4	223.5	241.1
28944	68110	ZINC	4	299.7	345.8
28948	68110	ZINC	2	297.0	334.9
28953	68110	ZINC	4	323.3	401.5
28974	68110	ZINC	4	364.7	511.5
28977	68110	ZINC	4	301.3	348.7
28986	68110	ZINC	4	391.7	746.6
28995	68110	ZINC	4	171.0	260.2
28999	68110	ZINC	4	130.2	160.0
29000	68110	ZINC	4	165.4	190.1
29005	68110	ZINC	2	441.2	457.9
29011	68110	ZINC	4	402.5	682.1
29014	68110	ZINC	2	176.5	214.1
29018	68110	ZINC	2	308.2	378.7
29020	68110	ZINC	2	253.9	302.2
29024	68110	ZINC	4	351.0	418.9
29026	68110	ZINC	4	424.7	633.4
29027	68110	ZINC	4	218.8	285.6
29029	68110	ZINC	4	397.2	566.6
29042	68110	ZINC	3	501.9	604.3
29044	68110	ZINC	4	339.5	492.4
29055	68110	ZINC	2	244.0	267.8
29058	68110	ZINC	4	279.2	374.5
29059	68110	ZINC	4	385.6	404.4
29063	68110	ZINC	4	261.4	375.4
29084	68110	ZINC	4	277.3	407.9
29087	68110	ZINC	4	300.8	378.3
29091	68110	ZINC	4	456.7	628.8
29092	68110	ZINC	4	473.9	604.2
29093	68110	ZINC	4	226.5	313.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29095	68110	ZINC	4	309.4	384.7
29096	68110	ZINC	4	503.1	625.6
29104	68110	ZINC	4	323.7	443.8
29107	68110	ZINC	4	173.0	224.4
29110	68110	ZINC	5	276.5	401.5
29113	68110	ZINC	3	330.8	382.6
29117	68110	ZINC	4	199.1	403.0
29120	68110	ZINC	4	187.2	292.9
29121	68110	ZINC	4	203.4	317.6
29124	68110	ZINC	4	148.3	298.1
29135	68110	ZINC	4	263.6	475.0
29151	68110	ZINC	4	196.2	243.5
29154	68110	ZINC	4	168.7	230.2
29156	68110	ZINC	4	228.9	254.2
29159	68110	ZINC	4	212.3	267.9
29164	68110	ZINC	4	248.8	309.3
29194	68110	ZINC	3	414.3	516.6
29197	68110	ZINC	4	697.9	1002.3
29199	68110	ZINC	4	381.8	548.0
29202	68110	ZINC	4	320.4	540.7
29207	68110	ZINC	4	217.7	283.0
29212	68110	ZINC	4	210.1	354.6
29215	68110	ZINC	4	150.3	192.3
29218	68110	ZINC	4	162.1	302.9
29226	68110	ZINC	4	200.8	272.5
29230	68110	ZINC	4	348.2	374.1
29231	68110	ZINC	4	373.9	595.6
29233	68110	ZINC	4	327.8	467.8
29236	68110	ZINC	4	249.3	289.2
29238	68110	ZINC	4	264.4	352.2
29249	68110	ZINC	4	162.7	171.1
29257	68110	ZINC	4	447.5	896.0
29267	68110	ZINC	4	381.9	497.5
29269	68110	ZINC	4	262.1	330.6
29271	68110	ZINC	3	147.2	196.3
29273	68110	ZINC	1	641.7	641.7
29275	68110	ZINC	4	180.3	286.8
29277	68110	ZINC	4	279.5	346.6
29282	68110	ZINC	4	219.7	303.4
29283	68110	ZINC	4	356.6	495.1
29284	68110	ZINC	4	516.0	605.8
29287	68110	ZINC	4	505.1	762.3
29288	68110	ZINC	4	776.9	1139.3
29289	68110	ZINC	2	357.3	428.4
29290	68110	ZINC	5	526.6	682.5
29292	68110	ZINC	4	536.6	875.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29295	68110	ZINC	4	359.9	489.4
29298	68110	ZINC	4	189.5	259.4
29312	68110	ZINC	4	576.7	945.7
29315	68110	ZINC	4	232.2	264.7
29319	68110	ZINC	4	173.9	193.3
29323	68110	ZINC	4	660.8	773.7
29324	68110	ZINC	4	198.8	312.9
29329	68110	ZINC	4	391.8	538.6
29332	68110	ZINC	5	198.6	295.3
29338	68110	ZINC	4	259.7	279.6
29345	68110	ZINC	4	405.8	628.1
29346	68110	ZINC	4	327.5	444.2
29350	68110	ZINC	2	280.2	399.2
29353	68110	ZINC	4	141.1	155.5
29360	68110	ZINC	4	241.9	405.2
29361	68110	ZINC	4	212.9	294.0
29363	68110	ZINC	4	396.4	517.2
29365	68110	ZINC	4	169.0	230.4
29367	68110	ZINC	4	227.8	248.7
29371	68110	ZINC	4	430.1	589.7
29374	68110	ZINC	4	292.8	371.4
29376	68110	ZINC	4	378.6	670.9
29382	68110	ZINC	4	441.1	654.2
29387	68110	ZINC	4	272.1	390.9
29389	68110	ZINC	4	233.7	341.0
29393	68110	ZINC	4	254.1	371.3
29412	68110	ZINC	4	352.9	386.0
29421	68110	ZINC	4	395.8	596.6
29423	68110	ZINC	4	346.7	519.9
29424	68110	ZINC	4	262.0	295.4
29435	68110	ZINC	4	300.4	603.4
29437	68110	ZINC	5	176.6	340.9
29447	68110	ZINC	4	169.5	238.1
29452	68110	ZINC	4	244.0	413.1
29453	68110	ZINC	4	162.0	224.7
29458	68110	ZINC	5	317.1	378.4
29478	68110	ZINC	4	262.4	408.2
29482	68110	ZINC	4	192.0	236.1
29485	68110	ZINC	3	617.3	734.0
29493	68110	ZINC	4	328.5	425.0
29494	68110	ZINC	4	160.4	247.8
29500	68110	ZINC	4	225.3	249.0
29503	68110	ZINC	4	268.0	376.3
29505	68110	ZINC	4	338.8	530.0
29506	68110	ZINC	4	194.5	223.2
29510	68110	ZINC	2	177.7	207.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29513	68110	ZINC	4	217.2	337.3
29515	68110	ZINC	4	292.8	360.0
29524	68110	ZINC	4	163.7	183.7
29530	68110	ZINC	4	208.5	232.0
29533	68110	ZINC	4	242.4	300.5
29542	68110	ZINC	4	149.2	176.1
29545	68110	ZINC	4	361.0	672.7
29549	68110	ZINC	4	206.1	224.9
29550	68110	ZINC	4	455.7	702.3
29554	68110	ZINC	4	152.6	174.7
29587	68110	ZINC	4	232.8	305.9
29590	68110	ZINC	2	220.0	230.4
29591	68110	ZINC	3	343.3	379.4
29593	68110	ZINC	4	396.7	719.9
29609	68110	ZINC	4	513.1	642.6
29610	68110	ZINC	4	150.4	170.4
29634	68110	ZINC	4	260.5	341.0
29637	68110	ZINC	2	342.1	388.8
29640	68110	ZINC	4	242.3	358.5
29645	68110	ZINC	4	247.4	283.0
29647	68110	ZINC	4	316.0	431.0
29651	68110	ZINC	4	330.3	443.1
29653	68110	ZINC	4	444.2	586.2
29657	68110	ZINC	4	189.4	199.0
29663	68110	ZINC	4	618.4	1038.5
29665	68110	ZINC	4	426.1	664.7
29674	68110	ZINC	4	327.6	412.6
29679	68110	ZINC	4	262.6	295.7
29685	68110	ZINC	2	186.1	205.7
29686	68110	ZINC	4	245.4	279.8
29687	68110	ZINC	4	277.1	348.5
29692	68110	ZINC	4	311.8	551.7
29693	68110	ZINC	4	163.2	180.5
29696	68110	ZINC	4	389.9	482.2
29698	68110	ZINC	2	199.7	239.4
29701	68110	ZINC	4	265.4	350.2
29708	68110	ZINC	4	406.4	545.2
29723	68110	ZINC	2	268.1	352.8
29726	68110	ZINC	4	397.3	664.0
29728	68110	ZINC	4	435.1	700.7
29730	68110	ZINC	4	162.2	216.8
29732	68110	ZINC	3	326.8	375.2
29734	68110	ZINC	2	227.4	275.7
29738	68110	ZINC	4	113.2	163.0
29740	68110	ZINC	4	184.8	214.7
29742	68110	ZINC	3	237.5	281.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29744	68110	ZINC	3	205.5	298.9
29745	68110	ZINC	5	227.0	335.4
29746	68110	ZINC	4	420.6	682.3
29750	68110	ZINC	4	418.8	565.9
29752	68110	ZINC	4	505.1	1104.7
29753	68110	ZINC	4	975.3	3244.8
29754	68110	ZINC	4	162.8	243.6
29756	68110	ZINC	4	167.4	237.5
29757	68110	ZINC	4	138.5	256.2
29758	68110	ZINC	4	155.4	204.7
29759	68110	ZINC	4	99.2	114.1
29762	68110	ZINC	4	409.2	483.0
29766	68110	ZINC	4	304.5	609.8
29773	68110	ZINC	5	192.9	278.4
29774	68110	ZINC	3	132.4	156.8
29776	68110	ZINC	4	336.0	427.9
29782	68110	ZINC	4	124.8	150.8
29786	68110	ZINC	2	439.3	471.6
29795	68110	ZINC	4	230.6	324.0
29812	68110	ZINC	4	223.6	243.9
29813	68110	ZINC	4	526.7	808.3
29822	68110	ZINC	4	313.8	485.6
29834	68110	ZINC	4	208.6	236.7
29836	68110	ZINC	4	412.2	1080.3
29844	68110	ZINC	4	173.5	193.0
29850	68110	ZINC	4	205.9	290.2
29853	68110	ZINC	4	85.4	109.6
29856	68110	ZINC	4	82.1	115.4
29858	68110	ZINC	4	115.3	134.7
29862	68110	ZINC	4	65.7	133.3
29866	68110	ZINC	4	324.4	646.8
29869	68110	ZINC	4	115.6	127.9
29870	68110	ZINC	4	183.8	245.3
29872	68110	ZINC	4	182.0	274.2
29873	68110	ZINC	4	113.5	127.0
29874	68110	ZINC	4	258.3	288.1
29875	68110	ZINC	4	152.3	157.4
29877	68110	ZINC	3	292.8	368.7
29878	68110	ZINC	4	467.5	909.5
29879	68110	ZINC	4	189.0	251.4
29880	68110	ZINC	4	313.2	441.1
29882	68110	ZINC	4	269.7	321.8
29883	68110	ZINC	4	359.1	507.1
29884	68110	ZINC	4	314.6	394.3
29885	68110	ZINC	4	336.7	428.0
29886	68110	ZINC	4	418.2	539.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29887	68110	ZINC	4	265.9	293.0
29892	68110	ZINC	4	238.8	369.1
29906	68110	ZINC	4	191.0	238.6
29908	68110	ZINC	4	165.0	239.1
29909	68110	ZINC	4	204.4	233.4
29911	68110	ZINC	4	247.7	439.9
29913	68110	ZINC	5	235.8	368.0
29914	68110	ZINC	4	195.9	289.6
29916	68110	ZINC	3	171.3	176.3
29920	68110	ZINC	4	178.3	203.6
29921	68110	ZINC	4	185.1	256.7
29925	68110	ZINC	4	186.7	231.5
29931	68110	ZINC	4	182.8	217.9
29934	68110	ZINC	4	348.0	1105.2
29936	68110	ZINC	4	118.4	172.9
29939	68110	ZINC	4	135.6	196.4
29941	68110	ZINC	4	638.4	681.8
29942	68110	ZINC	4	237.6	254.4
29943	68110	ZINC	1	578.0	578.0
29947	68110	ZINC	4	320.3	426.2
29952	68110	ZINC	4	224.8	390.6
29989	68110	ZINC	4	566.4	1013.0
30009	68110	ZINC	4	193.7	409.3
30011	68110	ZINC	4	77.8	125.5
30013	68110	ZINC	4	308.8	392.4
30015	68110	ZINC	4	155.5	193.3
30017	68110	ZINC	4	115.0	170.0
30020	68110	ZINC	4	138.9	252.9
30022	68110	ZINC	4	277.1	354.1
30023	68110	ZINC	4	605.7	1334.2
30025	68110	ZINC	4	143.1	199.0
30026	68110	ZINC	4	112.9	151.3
30028	68110	ZINC	4	160.7	191.6
30030	68110	ZINC	4	159.7	211.1
30031	68110	ZINC	4	143.9	180.1
30033	68110	ZINC	4	152.0	181.2
30035	68110	ZINC	4	302.7	387.9
30038	68110	ZINC	4	51.6	87.8
30043	68110	ZINC	4	241.5	359.4
30046	68110	ZINC	4	360.5	530.7
30053	68110	ZINC	4	143.0	169.3
30056	68110	ZINC	4	191.6	219.8
30057	68110	ZINC	4	191.9	293.4
30059	68110	ZINC	4	174.5	201.7
30061	68110	ZINC	4	219.8	287.0
30064	68110	ZINC	4	348.6	437.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30108	68110	ZINC	4	93.9	132.5
30113	68110	ZINC	4	169.5	201.0
30118	68110	ZINC	4	166.3	273.2
30127	68110	ZINC	4	130.1	153.9
30134	68110	ZINC	4	137.1	151.3
30138	68110	ZINC	4	158.8	182.5
30142	68110	ZINC	4	129.2	171.1
30149	68110	ZINC	4	86.8	99.8
30151	68110	ZINC	4	273.7	358.1
30152	68110	ZINC	4	378.4	926.5
30172	68110	ZINC	4	327.8	469.9
30181	68110	ZINC	4	238.5	370.7
30186	68110	ZINC	4	266.0	324.7
30189	68110	ZINC	4	196.3	257.0
30193	68110	ZINC	3	296.5	408.4
30210	68110	ZINC	1	473.0	473.0
30247	68110	ZINC	4	392.9	710.1
30250	68110	ZINC	4	149.1	256.9
30266	68110	ZINC	3	562.4	643.9
30271	68110	ZINC	4	162.5	216.1
30277	68110	ZINC	4	212.1	631.3
30279	68110	ZINC	2	170.2	188.2
30281	68110	ZINC	4	54.7	82.5
30284	68110	ZINC	4	148.4	180.1
30287	68110	ZINC	4	42.1	47.7
30291	68110	ZINC	4	255.4	377.0
30305	68110	ZINC	4	818.6	1504.7
30323	68110	ZINC	4	311.1	449.8
30331	68110	ZINC	4	206.2	243.4
30336	68110	ZINC	4	208.7	295.4
30342	68110	ZINC	4	123.1	135.4
30344	68110	ZINC	4	144.7	192.0
30348	68110	ZINC	4	164.5	210.5
30351	68110	ZINC	5	72.5	104.5
30356	68110	ZINC	4	385.9	645.0
30357	68110	ZINC	4	255.2	325.4
30359	68110	ZINC	4	272.8	554.8
30370	68110	ZINC	4	117.6	166.7
30372	68110	ZINC	4	131.1	144.5
30376	68110	ZINC	4	332.6	437.4
30389	68110	ZINC	4	113.7	185.4
30394	68110	ZINC	5	403.6	522.0
30397	68110	ZINC	4	187.0	520.3
30403	68110	ZINC	4	170.5	248.1
30405	68110	ZINC	4	420.5	731.3
30407	68110	ZINC	4	131.6	178.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30409	68110	ZINC	4	373.8	397.0
30410	68110	ZINC	3	192.0	215.3
30414	68110	ZINC	5	359.7	625.0
30422	68110	ZINC	4	250.9	294.5
30436	68110	ZINC	4	279.4	363.3
30438	68110	ZINC	4	171.9	298.9
30443	68110	ZINC	4	423.0	466.0
30446	68110	ZINC	3	358.5	379.1
30459	68110	ZINC	5	244.5	321.7
30469	68110	ZINC	4	202.7	277.5
30470	68110	ZINC	4	229.9	295.3
30472	68110	ZINC	4	175.1	261.7
30478	68110	ZINC	4	152.1	221.1
30481	68110	ZINC	4	75.7	106.0
30487	68110	ZINC	4	181.1	338.2
30492	68110	ZINC	4	259.5	404.1
30493	68110	ZINC	4	278.7	437.5
30495	68110	ZINC	5	200.9	274.7
30500	68110	ZINC	4	156.2	231.3
30510	68110	ZINC	4	125.3	193.1
30516	68110	ZINC	4	297.3	562.5
30519	68110	ZINC	4	462.5	998.2
30524	68110	ZINC	4	289.3	360.3
30527	68110	ZINC	4	287.3	385.4
30541	68110	ZINC	5	269.2	423.5
30542	68110	ZINC	4	266.9	324.7
30543	68110	ZINC	4	452.2	916.2
30546	68110	ZINC	4	382.0	490.8
30551	68110	ZINC	4	260.8	355.0
30553	68110	ZINC	4	282.7	295.4
30556	68110	ZINC	4	209.6	286.0
30565	68110	ZINC	4	243.5	304.2
30566	68110	ZINC	4	321.1	465.4
30568	68110	ZINC	4	291.8	441.1
30575	68110	ZINC	4	293.6	468.4
30579	68110	ZINC	4	201.0	324.2
30582	68110	ZINC	4	250.9	424.8
30590	68110	ZINC	4	89.1	112.2
30593	68110	ZINC	4	194.1	272.1
30594	68110	ZINC	4	263.1	490.9
30598	68110	ZINC	4	232.8	288.2
30604	68110	ZINC	4	240.4	253.5
30607	68110	ZINC	4	206.9	365.8
30611	68110	ZINC	4	244.4	374.0
30615	68110	ZINC	3	149.6	286.6
30631	68110	ZINC	4	222.3	332.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30632	68110	ZINC	4	319.0	592.5
30633	68110	ZINC	4	255.3	343.4
30636	68110	ZINC	4	293.7	321.7
30637	68110	ZINC	4	237.6	273.5
30651	68110	ZINC	4	253.6	335.4
30655	68110	ZINC	5	205.1	363.7
30657	68110	ZINC	3	186.9	188.6
30665	68110	ZINC	4	246.9	321.2
30668	68110	ZINC	4	228.9	381.0
30680	68110	ZINC	4	220.9	251.3
30681	68110	ZINC	4	180.8	194.4
30682	68110	ZINC	4	303.2	427.1
30688	68110	ZINC	4	181.1	246.6
30689	68110	ZINC	4	335.0	420.7
30698	68110	ZINC	4	218.5	269.7
30705	68110	ZINC	4	437.6	584.8
30710	68110	ZINC	4	192.4	353.0
30715	68110	ZINC	4	140.5	245.0
30719	68110	ZINC	4	278.7	333.4
30720	68110	ZINC	4	122.5	213.8
30727	68110	ZINC	4	286.4	569.3
30730	68110	ZINC	3	227.4	245.0
30734	68110	ZINC	4	202.8	318.2
30736	68110	ZINC	1	205.8	205.8
30738	68110	ZINC	4	425.0	669.2
30739	68110	ZINC	2	213.3	275.8
30740	68110	ZINC	3	177.9	192.1
30741	68110	ZINC	2	173.9	186.5
30748	68110	ZINC	1	104.6	104.6
30771	68110	ZINC	4	389.6	565.2
30774	68110	ZINC	4	240.0	357.9
30778	68110	ZINC	4	293.2	432.9
30784	68110	ZINC	4	226.3	319.5
30786	68110	ZINC	4	264.9	300.6
30788	68110	ZINC	4	160.7	333.7
30789	68110	ZINC	4	475.3	1029.6
30797	68110	ZINC	4	364.8	482.9
30803	68110	ZINC	3	230.2	252.0
30811	68110	ZINC	3	218.5	276.6
30815	68110	ZINC	4	273.6	436.2
30827	68110	ZINC	3	320.9	340.7
30840	68110	ZINC	4	368.5	425.9
30842	68110	ZINC	4	366.7	513.3
30845	68110	ZINC	2	237.2	239.7
30851	68110	ZINC	2	114.3	120.1
30852	68110	ZINC	4	117.0	132.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30853	68110	ZINC	4	228.2	352.6
30854	68110	ZINC	2	74.9	77.3
30865	68110	ZINC	4	305.8	430.2
30867	68110	ZINC	2	93.4	110.0
30869	68110	ZINC	4	222.1	314.4
30870	68110	ZINC	4	392.1	535.6
30872	68110	ZINC	4	224.8	280.6
30875	68110	ZINC	4	248.3	337.3
30878	68110	ZINC	4	172.7	283.2
30883	68110	ZINC	4	334.2	661.9
30890	68110	ZINC	4	353.4	528.2
30892	68110	ZINC	2	145.7	151.1
30896	68110	ZINC	5	269.3	466.2
30900	68110	ZINC	4	256.3	306.6
30938	68110	ZINC	4	774.6	2115.4
30940	68110	ZINC	4	130.7	169.9
30944	68110	ZINC	3	181.7	276.0
30950	68110	ZINC	2	62.7	87.8
30954	68110	ZINC	4	303.4	417.3
30961	68110	ZINC	4	218.2	260.6
30963	68110	ZINC	4	154.7	170.7
30980	68110	ZINC	3	203.4	240.0
30982	68110	ZINC	4	322.7	451.1
30986	68110	ZINC	4	170.5	177.0
30987	68110	ZINC	4	613.7	921.5
30992	68110	ZINC	4	249.6	338.8
30994	68110	ZINC	5	240.4	283.4
30998	68110	ZINC	4	172.6	184.2
31002	68110	ZINC	4	258.9	321.7
31021	68110	ZINC	4	209.5	303.8
31025	68110	ZINC	4	128.4	216.3
31028	68110	ZINC	5	221.9	377.4
31033	68110	ZINC	4	220.5	289.4
31038	68110	ZINC	4	200.3	259.7
31039	68110	ZINC	4	148.5	193.0
31043	68110	ZINC	3	232.6	257.1
31048	68110	ZINC	2	272.4	274.7
31068	68110	ZINC	4	322.1	413.6
31084	68110	ZINC	3	201.3	298.7
31085	68110	ZINC	2	85.2	94.7
31094	68110	ZINC	4	304.7	376.2
31097	68110	ZINC	4	292.9	348.0
31098	68110	ZINC	4	220.8	339.0
31105	68110	ZINC	2	131.2	145.7
31111	68110	ZINC	4	183.5	258.3
31150	68110	ZINC	3	220.1	252.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31153	68110	ZINC	4	233.8	268.5
31155	68110	ZINC	4	273.6	357.2
31158	68110	ZINC	4	222.5	342.9
31160	68110	ZINC	4	303.8	487.6
31165	68110	ZINC	2	284.0	306.8
31166	68110	ZINC	4	190.5	201.0
31170	68110	ZINC	4	219.6	247.1
31174	68110	ZINC	2	133.6	154.2
31177	68110	ZINC	3	362.1	418.4
31187	68110	ZINC	4	327.8	413.0
31195	68110	ZINC	1	126.2	126.2
31197	68110	ZINC	2	67.3	99.0
31201	68110	ZINC	1	181.7	181.7
31204	68110	ZINC	3	106.1	145.9
31216	68110	ZINC	4	243.9	330.2
31223	68110	ZINC	4	330.7	480.6
31224	68110	ZINC	2	106.4	132.1
31228	68110	ZINC	4	196.9	284.5
31231	68110	ZINC	4	261.3	418.1
31235	68110	ZINC	4	261.3	322.3
31250	68110	ZINC	4	342.0	402.7
31260	68110	ZINC	3	153.6	209.7
31263	68110	ZINC	4	412.2	750.4
31278	68110	ZINC	4	328.7	487.3
31289	68110	ZINC	4	179.8	220.4
31290	68110	ZINC	4	262.8	330.2
31293	68110	ZINC	4	172.3	192.1
31314	68110	ZINC	2	89.6	91.7
31326	68110	ZINC	4	110.5	159.1
31327	68110	ZINC	3	177.2	191.6
31329	68110	ZINC	4	193.5	277.2
31332	68110	ZINC	4	262.9	321.4
31335	68110	ZINC	4	277.2	415.3
31343	68110	ZINC	4	231.1	313.1
31347	68110	ZINC	4	443.7	700.4
31350	68110	ZINC	5	196.4	269.0
31354	68110	ZINC	4	351.1	421.0
31359	68110	ZINC	4	244.1	390.6
31369	68110	ZINC	4	248.0	397.8
31394	68110	ZINC	5	229.5	440.3
31399	68110	ZINC	4	238.2	282.0
31401	68110	ZINC	4	504.0	569.5
31410	68110	ZINC	4	183.6	233.2
31422	68110	ZINC	4	297.4	332.4
31448	68110	ZINC	3	324.9	511.3
31459	68110	ZINC	4	288.0	447.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31462	68110	ZINC	4	155.4	186.0
31466	68110	ZINC	4	141.2	184.5
31486	68110	ZINC	4	153.0	175.7
31493	68110	ZINC	4	185.7	304.1
31496	68110	ZINC	4	168.5	197.5
31504	68110	ZINC	4	132.8	181.7
31536	68110	ZINC	4	209.4	285.9
31537	68110	ZINC	4	127.0	195.0
31539	68110	ZINC	4	140.3	168.9
31543	68110	ZINC	4	165.8	214.4
31552	68110	ZINC	4	111.1	160.6
31568	68110	ZINC	4	188.4	323.8
31594	68110	ZINC	4	166.2	262.6
31596	68110	ZINC	4	225.3	292.7
31605	68110	ZINC	4	324.3	476.0
31614	68110	ZINC	4	298.0	553.1
31623	68110	ZINC	4	236.3	272.4
31630	68110	ZINC	4	259.3	384.3
31632	68110	ZINC	5	296.2	521.4
31633	68110	ZINC	5	298.4	362.1
31639	68110	ZINC	4	327.8	548.1
31645	68110	ZINC	5	249.0	298.8
31648	68110	ZINC	4	126.9	181.5
31652	68110	ZINC	3	187.8	235.2
31665	68110	ZINC	4	127.8	180.5
31675	68110	ZINC	4	139.8	176.5
31690	68110	ZINC	4	304.2	404.5
31709	68110	ZINC	4	216.7	258.2
31720	68110	ZINC	3	258.4	373.6
31738	68110	ZINC	4	317.0	519.0
31743	68110	ZINC	4	295.5	339.6
31749	68110	ZINC	4	473.3	793.7
31753	68110	ZINC	4	556.4	1437.0
31757	68110	ZINC	4	538.8	1057.2
31760	68110	ZINC	4	101.4	124.5
31767	68110	ZINC	4	304.7	554.8
31781	68110	ZINC	4	154.5	214.7
31807	68110	ZINC	4	326.3	500.1
31814	68110	ZINC	2	189.3	215.0
31818	68110	ZINC	4	213.4	391.5
31820	68110	ZINC	4	221.9	245.7
31830	68110	ZINC	4	223.3	349.2
31832	68110	ZINC	4	429.0	710.3
31842	68110	ZINC	4	143.8	197.4
31867	68110	ZINC	4	357.5	600.2
31893	68110	ZINC	3	453.8	509.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31898	68110	ZINC	4	310.7	347.2
31912	68110	ZINC	2	245.6	271.8
31920	68110	ZINC	4	168.6	190.9
31931	68110	ZINC	4	381.3	677.1
31942	68110	ZINC	4	193.0	235.0
31951	68110	ZINC	4	349.1	587.6
31953	68110	ZINC	4	198.8	263.3
31956	68110	ZINC	4	266.9	378.8
31957	68110	ZINC	2	308.6	344.7
31959	68110	ZINC	4	278.6	518.3
31962	68110	ZINC	4	261.9	322.0
31966	68110	ZINC	4	358.3	402.1
31982	68110	ZINC	4	403.3	480.2
31990	68110	ZINC	4	171.5	212.9
32019	68110	ZINC	4	446.1	577.0
32029	68110	ZINC	4	253.3	302.8
32039	68110	ZINC	2	197.4	251.8
32043	68110	ZINC	4	201.8	246.0
32044	68110	ZINC	4	312.4	458.0
32056	68110	ZINC	4	297.6	385.8
32060	68110	ZINC	4	225.8	268.7
32063	68110	ZINC	4	265.6	302.5
32068	68110	ZINC	4	203.0	234.1
32069	68110	ZINC	4	292.3	481.1
32078	68110	ZINC	4	230.2	367.8
32080	68110	ZINC	4	270.7	370.4
32086	68110	ZINC	3	189.8	224.3
32088	68110	ZINC	5	210.9	251.9
32122	68110	ZINC	3	409.0	673.6
32127	68110	ZINC	4	367.4	437.7
32130	68110	ZINC	4	245.6	296.5
32141	68110	ZINC	2	234.7	258.5
32165	68110	ZINC	4	186.1	240.7
32173	68110	ZINC	4	683.9	1298.4
32211	68110	ZINC	4	340.7	451.4
32214	68110	ZINC	4	211.3	228.4
32216	68110	ZINC	4	136.1	220.6
32220	68110	ZINC	4	233.3	286.4
32223	68110	ZINC	4	365.4	506.3
32229	68110	ZINC	4	255.7	331.8
32238	68110	ZINC	4	221.1	266.4
32242	68110	ZINC	4	431.4	574.4
32245	68110	ZINC	4	319.1	628.2
32247	68110	ZINC	4	246.1	370.8
32254	68110	ZINC	4	153.9	194.4
32258	68110	ZINC	4	644.3	1092.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32271	68110	ZINC	3	271.1	343.3
32290	68110	ZINC	3	304.2	474.2
32292	68110	ZINC	4	594.0	1012.3
32295	68110	ZINC	4	631.6	1080.1
32299	68110	ZINC	4	134.8	158.9
32312	68110	ZINC	5	211.3	338.2
32329	68110	ZINC	4	189.9	314.5
32343	68110	ZINC	4	102.5	126.4
32354	68110	ZINC	3	252.3	281.2
32356	68110	ZINC	3	163.8	223.7
32357	68110	ZINC	4	181.0	193.9
32363	68110	ZINC	4	168.5	194.8
32373	68110	ZINC	4	397.5	518.2
32392	68110	ZINC	4	382.7	579.2
32394	68110	ZINC	4	298.2	450.7
32401	68110	ZINC	4	234.6	349.5
32402	68110	ZINC	4	198.5	246.4
32404	68110	ZINC	4	240.6	293.0
32422	68110	ZINC	4	253.5	378.1
32448	68110	ZINC	4	488.5	892.9
32468	68110	ZINC	4	264.6	306.0
32469	68110	ZINC	4	446.2	938.8
32471	68110	ZINC	4	234.8	387.9
32484	68110	ZINC	5	269.0	333.6
32493	68110	ZINC	4	232.4	376.2
32495	68110	ZINC	4	593.4	822.9
32500	68110	ZINC	3	231.6	265.0
32508	68110	ZINC	4	245.8	311.0
32516	68110	ZINC	4	503.8	659.0
32520	68110	ZINC	4	253.3	302.4
32525	68110	ZINC	2	329.4	356.1
32526	68110	ZINC	4	300.3	373.2
32529	68110	ZINC	4	235.6	334.3
32536	68110	ZINC	4	437.5	643.0
32540	68110	ZINC	4	372.9	669.5
32564	68110	ZINC	4	380.0	713.7
32570	68110	ZINC	4	249.9	413.3
32584	68110	ZINC	4	197.3	228.3
32588	68110	ZINC	4	216.0	285.1
32601	68110	ZINC	4	347.0	540.6
32610	68110	ZINC	4	230.7	270.3
32621	68110	ZINC	4	351.6	426.8
32627	68110	ZINC	4	279.4	485.8
32628	68110	ZINC	2	275.9	289.9
32635	68110	ZINC	4	240.3	273.7
32637	68110	ZINC	4	345.7	505.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32641	68110	ZINC	4	241.0	314.0
32645	68110	ZINC	4	264.5	381.0
32650	68110	ZINC	4	152.5	242.8
32657	68110	ZINC	4	178.4	222.1
32660	68110	ZINC	4	154.7	161.7
32666	68110	ZINC	3	384.6	492.9
32683	68110	ZINC	4	450.7	1109.6
32700	68110	ZINC	4	729.0	1557.6
32707	68110	ZINC	4	358.1	879.0
32712	68110	ZINC	4	248.4	315.6
32716	68110	ZINC	4	251.3	273.3
32719	68110	ZINC	4	190.8	233.1
32721	68110	ZINC	4	216.6	309.3
32723	68110	ZINC	4	168.2	185.2
32727	68110	ZINC	4	177.3	256.0
32728	68110	ZINC	4	245.8	387.1
32729	68110	ZINC	4	223.3	271.3
32732	68110	ZINC	2	706.0	977.9
32733	68110	ZINC	4	290.9	434.7
32734	68110	ZINC	4	230.3	400.0
32744	68110	ZINC	4	336.9	548.8
32752	68110	ZINC	4	222.2	246.5
32769	68110	ZINC	3	491.2	562.1
32786	68110	ZINC	4	160.6	226.8
32788	68110	ZINC	4	226.6	290.9
32801	68110	ZINC	3	198.4	206.8
32822	68110	ZINC	3	342.0	426.7
32826	68110	ZINC	4	305.6	392.2
32828	68110	ZINC	4	229.0	330.1
32839	68110	ZINC	4	679.4	910.4
32849	68110	ZINC	4	333.2	504.5
32850	68110	ZINC	4	344.6	465.9
32867	68110	ZINC	4	469.3	613.5
32869	68110	ZINC	4	258.4	410.0
32872	68110	ZINC	3	447.0	509.6
32875	68110	ZINC	4	302.5	338.1
32883	68110	ZINC	4	400.9	546.0
32887	68110	ZINC	4	242.2	255.3
32895	68110	ZINC	4	154.9	190.9
32899	68110	ZINC	4	170.7	210.8
32903	68110	ZINC	4	369.2	624.7
32908	68110	ZINC	4	316.6	348.2
32915	68110	ZINC	4	343.4	614.0
32919	68110	ZINC	4	488.0	671.8
32920	68110	ZINC	4	218.8	295.1
32927	68110	ZINC	4	333.3	444.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32937	68110	ZINC	4	230.5	307.8
32939	68110	ZINC	4	451.3	756.0
32945	68110	ZINC	2	233.7	260.8
32947	68110	ZINC	4	467.5	790.4
32950	68110	ZINC	4	328.6	370.1
32951	68110	ZINC	4	202.1	297.9
32952	68110	ZINC	5	418.3	857.8
32954	68110	ZINC	4	193.5	219.6
32955	68110	ZINC	4	326.4	395.7
32959	68110	ZINC	3	198.3	238.8
32961	68110	ZINC	4	422.1	649.7
32962	68110	ZINC	4	234.4	320.3
32981	68110	ZINC	5	384.4	661.9
32986	68110	ZINC	4	296.2	443.4
32995	68110	ZINC	2	480.2	550.4
32996	68110	ZINC	4	175.7	305.1
33020	68110	ZINC	4	194.2	201.4
33029	68110	ZINC	4	433.8	681.6
33038	68110	ZINC	4	307.3	343.5
33057	68110	ZINC	4	186.4	229.2
33078	68110	ZINC	4	251.0	285.6
33083	68110	ZINC	4	597.2	811.3
33084	68110	ZINC	4	256.6	371.0
33119	68110	ZINC	4	173.2	224.1
33122	68110	ZINC	4	227.9	320.0
33127	68110	ZINC	4	270.0	380.8
33128	68110	ZINC	4	318.2	383.5
33136	68110	ZINC	4	171.7	311.4
33147	68110	ZINC	4	207.0	263.4
33161	68110	ZINC	4	290.7	319.8
33174	68110	ZINC	4	292.3	366.3
33176	68110	ZINC	3	294.8	351.7
33183	68110	ZINC	4	289.9	531.8
33209	68110	ZINC	4	163.6	245.5
33215	68110	ZINC	3	229.5	259.7
33219	68110	ZINC	4	229.5	285.2
33229	68110	ZINC	4	435.3	667.3
33234	68110	ZINC	4	368.4	798.0
33254	68110	ZINC	2	199.9	214.5
33257	68110	ZINC	4	232.9	269.1
33267	68110	ZINC	4	187.2	252.6
33269	68110	ZINC	4	347.4	511.4
33273	68110	ZINC	4	177.7	267.6
33276	68110	ZINC	3	128.2	157.0
33280	68110	ZINC	4	247.6	302.5
33282	68110	ZINC	3	293.0	508.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33287	68110	ZINC	4	189.1	235.1
33289	68110	ZINC	3	264.0	418.8
33290	68110	ZINC	4	177.1	223.2
33294	68110	ZINC	5	302.5	580.1
33295	68110	ZINC	4	160.9	214.8
33297	68110	ZINC	4	217.8	259.2
33298	68110	ZINC	4	159.0	183.3
33304	68110	ZINC	4	154.8	196.7
33318	68110	ZINC	5	203.1	229.8
33323	68110	ZINC	4	294.5	337.0
33326	68110	ZINC	4	278.3	457.9
33330	68110	ZINC	4	266.5	348.3
33353	68110	ZINC	4	187.5	220.7
33364	68110	ZINC	2	217.7	252.4
33370	68110	ZINC	3	474.6	560.7
33396	68110	ZINC	4	281.5	371.0
33403	68110	ZINC	4	172.6	193.7
33404	68110	ZINC	4	256.6	320.1
33413	68110	ZINC	4	246.8	386.1
33417	68110	ZINC	4	342.9	459.6
33418	68110	ZINC	3	277.0	334.3
33421	68110	ZINC	3	371.4	407.0
33422	68110	ZINC	4	333.8	564.6
33423	68110	ZINC	4	290.4	380.7
33427	68110	ZINC	3	331.6	385.3
33434	68110	ZINC	2	190.0	204.4
33435	68110	ZINC	4	288.9	359.2
33443	68110	ZINC	3	261.3	363.9
33444	68110	ZINC	4	205.9	235.1
33445	68110	ZINC	4	384.8	891.6
33446	68110	ZINC	3	355.0	476.0
33448	68110	ZINC	4	248.6	349.0
33452	68110	ZINC	4	138.0	177.0
33455	68110	ZINC	4	403.1	593.7
33457	68110	ZINC	4	238.5	315.1
33459	68110	ZINC	4	229.9	259.7
33468	68110	ZINC	4	155.5	192.1
33472	68110	ZINC	4	194.7	223.5
33476	68110	ZINC	4	525.0	664.8
33477	68110	ZINC	4	221.0	435.1
33481	68110	ZINC	3	387.0	469.8
33483	68110	ZINC	5	269.7	377.2
33486	68110	ZINC	4	203.1	296.2
33491	68110	ZINC	5	258.3	317.4
33498	68110	ZINC	5	527.2	1574.4
33502	68110	ZINC	4	513.2	954.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33507	68110	ZINC	4	270.2	349.6
33508	68110	ZINC	3	230.0	250.3
33510	68110	ZINC	4	238.6	271.3
33512	68110	ZINC	4	178.0	246.4
33513	68110	ZINC	3	297.1	447.5
33516	68110	ZINC	4	261.5	441.3
33518	68110	ZINC	4	259.5	343.4
33519	68110	ZINC	4	297.2	335.4
33529	68110	ZINC	4	352.4	493.1
33539	68110	ZINC	2	239.1	262.5
33540	68110	ZINC	5	263.2	378.6
33543	68110	ZINC	4	187.9	282.3
33547	68110	ZINC	4	195.5	243.6
33548	68110	ZINC	4	232.5	320.3
33555	68110	ZINC	4	247.6	453.0
33557	68110	ZINC	4	230.2	374.2
33560	68110	ZINC	4	230.3	294.1
33576	68110	ZINC	4	230.3	340.2
33582	68110	ZINC	3	262.4	290.8
33585	68110	ZINC	2	283.2	397.2
33586	68110	ZINC	4	262.6	333.6
33592	68110	ZINC	4	480.2	879.6
33594	68110	ZINC	5	299.1	392.0
33595	68110	ZINC	4	364.3	591.1
33596	68110	ZINC	4	247.3	324.9
33602	68110	ZINC	4	410.9	614.0
33606	68110	ZINC	2	202.1	222.3
33613	68110	ZINC	4	287.4	507.1
33616	68110	ZINC	4	221.0	336.3
33626	68110	ZINC	4	152.5	220.5
33629	68110	ZINC	4	260.9	307.9
33635	68110	ZINC	4	195.5	228.2
33638	68110	ZINC	4	163.7	176.2
33642	68110	ZINC	4	305.8	470.0
33643	68110	ZINC	4	319.5	572.0
33646	68110	ZINC	4	407.7	526.9
33649	68110	ZINC	4	173.1	209.4
33659	68110	ZINC	4	152.1	250.6
33660	68110	ZINC	4	166.3	225.8
33663	68110	ZINC	3	191.4	251.0
33687	68110	ZINC	4	104.1	110.2
33692	68110	ZINC	4	147.6	161.8
33693	68110	ZINC	4	281.4	504.0
33697	68110	ZINC	3	270.6	325.4
33706	68110	ZINC	4	128.4	314.8
33714	68110	ZINC	4	334.4	526.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33725	68110	ZINC	4	251.5	321.0
33731	68110	ZINC	4	112.0	131.8
33735	68110	ZINC	4	198.0	243.4
33739	68110	ZINC	4	221.3	284.1
33747	68110	ZINC	4	683.4	1330.9
33765	68110	ZINC	4	253.3	354.1
33770	68110	ZINC	4	372.8	464.9
33771	68110	ZINC	2	368.0	416.0
33776	68110	ZINC	3	437.1	513.6
33778	68110	ZINC	4	215.4	331.0
33779	68110	ZINC	4	269.3	358.1
33791	68110	ZINC	2	184.1	197.4
33793	68110	ZINC	2	329.9	415.4
33801	68110	ZINC	4	280.2	415.1
33808	68110	ZINC	3	315.0	405.8
33811	68110	ZINC	4	278.2	388.8
33814	68110	ZINC	4	387.4	767.5
33816	68110	ZINC	4	347.4	571.2
33820	68110	ZINC	4	229.3	413.1
33824	68110	ZINC	4	191.7	290.2
33828	68110	ZINC	4	312.4	520.9
33829	68110	ZINC	4	219.8	253.5
33834	68110	ZINC	3	225.3	266.5
33836	68110	ZINC	3	366.5	549.9
33840	68110	ZINC	4	259.6	290.4
33846	68110	ZINC	4	223.9	276.5
33847	68110	ZINC	4	360.6	668.8
33849	68110	ZINC	4	244.4	336.8
33852	68110	ZINC	3	155.7	196.2
33853	68110	ZINC	3	800.9	1796.9
33857	68110	ZINC	4	283.7	354.2
33860	68110	ZINC	4	228.2	274.6
33862	68110	ZINC	4	391.2	456.4
33864	68110	ZINC	4	257.9	418.3
33866	68110	ZINC	4	400.1	469.6
33872	68110	ZINC	4	267.6	369.8
33874	68110	ZINC	4	290.3	525.8
33876	68110	ZINC	4	156.0	173.9
33877	68110	ZINC	2	185.6	218.5
33879	68110	ZINC	4	368.3	638.9
33880	68110	ZINC	4	167.0	195.7
33881	68110	ZINC	4	257.3	460.5
33883	68110	ZINC	4	288.9	366.5
33884	68110	ZINC	4	392.8	560.6
33887	68110	ZINC	4	461.3	618.6
33892	68110	ZINC	4	267.1	424.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33897	68110	ZINC	4	174.5	242.8
33898	68110	ZINC	4	151.4	223.3
33902	68110	ZINC	4	176.8	188.6
33905	68110	ZINC	3	213.0	235.7
33907	68110	ZINC	4	233.9	251.7
33909	68110	ZINC	4	118.9	162.7
33912	68110	ZINC	4	277.1	473.5
33914	68110	ZINC	3	205.8	272.3
33916	68110	ZINC	4	126.5	136.0
33917	68110	ZINC	4	264.3	329.7
33918	68110	ZINC	4	404.8	638.4
33920	68110	ZINC	4	317.2	501.1
33921	68110	ZINC	4	240.2	302.5
33927	68110	ZINC	4	134.4	163.0
33929	68110	ZINC	4	358.3	491.1
33934	68110	ZINC	4	224.4	345.2
33936	68110	ZINC	4	222.1	274.8
33940	68110	ZINC	4	421.2	666.3
33958	68110	ZINC	4	178.5	238.4
33961	68110	ZINC	4	343.6	433.6
33962	68110	ZINC	4	367.0	595.3
33963	68110	ZINC	4	223.1	305.1
33965	68110	ZINC	3	206.9	266.0
33973	68110	ZINC	4	281.2	495.1
33975	68110	ZINC	4	247.2	488.3
33990	68110	ZINC	4	269.8	324.7
33991	68110	ZINC	4	181.4	218.1
33994	68110	ZINC	4	284.7	406.9
34000	68110	ZINC	5	300.5	480.8
34002	68110	ZINC	4	311.9	390.2
34007	68110	ZINC	4	252.7	355.9
34009	68110	ZINC	4	274.2	341.2
34022	68110	ZINC	4	546.1	914.8
34023	68110	ZINC	4	383.0	626.8
34024	68110	ZINC	4	372.0	513.8
34029	68110	ZINC	4	279.0	297.9
34030	68110	ZINC	4	308.1	468.8
34033	68110	ZINC	4	172.8	213.4
34035	68110	ZINC	4	377.7	587.6
34038	68110	ZINC	4	503.8	984.2
34039	68110	ZINC	4	191.8	319.8
34046	68110	ZINC	4	222.8	289.5
34047	68110	ZINC	5	226.1	272.0
34050	68110	ZINC	4	271.6	346.7
34054	68110	ZINC	4	300.1	398.6
34055	68110	ZINC	4	239.9	278.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34081	68110	ZINC	4	168.3	201.0
34098	68110	ZINC	4	457.1	725.2
34100	68110	ZINC	4	327.8	396.2
34102	68110	ZINC	4	353.1	488.1
34104	68110	ZINC	4	277.5	302.5
34108	68110	ZINC	4	235.4	329.3
34109	68110	ZINC	4	329.4	562.6
34110	68110	ZINC	5	361.1	499.3
34114	68110	ZINC	4	233.3	305.6
34116	68110	ZINC	4	587.1	890.8
34121	68110	ZINC	4	395.2	480.9
34123	68110	ZINC	3	237.1	255.3
34133	68110	ZINC	2	402.1	406.6
34152	68110	ZINC	3	235.2	372.6
34168	68110	ZINC	4	333.3	393.2
34188	68110	ZINC	4	224.6	259.9
34195	68110	ZINC	3	249.9	270.7
34205	68110	ZINC	4	387.0	495.3
34218	68110	ZINC	4	561.7	777.3
34227	68110	ZINC	4	443.7	658.5
34230	68110	ZINC	4	393.3	600.7
34232	68110	ZINC	4	351.8	519.9
34235	68110	ZINC	4	276.7	338.4
34237	68110	ZINC	4	263.2	311.0
34242	68110	ZINC	4	274.3	453.4
34260	68110	ZINC	4	138.0	152.1
34261	68110	ZINC	4	172.2	215.7
34262	68110	ZINC	4	213.8	431.0
34265	68110	ZINC	4	372.1	479.7
34266	68110	ZINC	4	130.7	160.0
34267	68110	ZINC	3	271.6	339.8
34269	68110	ZINC	4	305.3	562.4
34270	68110	ZINC	4	211.6	397.6
34271	68110	ZINC	2	180.4	205.5
34272	68110	ZINC	4	405.2	490.4
34273	68110	ZINC	4	291.8	355.6
34274	68110	ZINC	4	338.5	401.7
34275	68110	ZINC	4	376.9	587.8
34276	68110	ZINC	4	303.3	366.3
34277	68110	ZINC	4	251.1	300.3
34278	68110	ZINC	4	226.5	355.6
34279	68110	ZINC	4	281.3	323.1
34281	68110	ZINC	4	379.1	480.0
34283	68110	ZINC	4	324.5	480.0
34284	68110	ZINC	4	235.4	316.2
34285	68110	ZINC	3	397.8	477.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34286	68110	ZINC	4	378.5	476.0
34287	68110	ZINC	4	93.1	105.7
34288	68110	ZINC	4	424.2	543.6
34289	68110	ZINC	4	321.8	424.7
34524	68110	ZINC	4	364.3	650.5
34526	68110	ZINC	2	481.5	665.1
34546	68110	ZINC	2	265.9	293.9
34590	68110	ZINC	2	244.0	284.0
34592	68110	ZINC	4	140.2	156.0
34601	68110	ZINC	4	209.5	277.4
34608	68110	ZINC	4	262.6	414.0
34611	68110	ZINC	4	132.8	173.1
34613	68110	ZINC	4	530.5	594.0
34619	68110	ZINC	4	294.4	406.5
34620	68110	ZINC	4	333.7	492.2
34625	68110	ZINC	2	302.1	369.0
34631	68110	ZINC	4	245.1	268.3
34636	68110	ZINC	4	228.4	245.9
34638	68110	ZINC	4	536.6	656.4
34640	68110	ZINC	4	352.9	488.3
34642	68110	ZINC	4	195.6	264.4
34646	68110	ZINC	4	195.3	226.1
34650	68110	ZINC	4	145.9	183.4
34658	68110	ZINC	4	273.1	488.6
34660	68110	ZINC	4	263.5	358.2
34662	68110	ZINC	3	371.0	428.0
34666	68110	ZINC	4	144.2	185.4
34673	68110	ZINC	4	783.3	903.7
34674	68110	ZINC	5	227.8	345.2
34677	68110	ZINC	4	156.8	177.5
34678	68110	ZINC	4	172.9	203.4
34680	68110	ZINC	4	324.1	519.4
34683	68110	ZINC	4	501.4	616.2
34696	68110	ZINC	2	540.8	615.6
34697	68110	ZINC	5	213.3	280.2
34702	68110	ZINC	4	105.8	114.9
34708	68110	ZINC	4	149.8	188.5
34710	68110	ZINC	4	122.3	133.0
34712	68110	ZINC	4	260.2	358.7
34715	68110	ZINC	4	492.9	652.2
34719	68110	ZINC	4	266.9	373.7
34726	68110	ZINC	3	172.8	214.1
34731	68110	ZINC	4	309.9	412.2
34733	68110	ZINC	4	297.2	381.0
34738	68110	ZINC	4	113.6	147.6
34742	68110	ZINC	4	400.8	456.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34763	68110	ZINC	4	254.9	325.1
34768	68110	ZINC	4	250.9	319.7
34770	68110	ZINC	4	126.9	158.3
34772	68110	ZINC	4	161.6	173.8
34773	68110	ZINC	4	255.5	328.4
34775	68110	ZINC	5	79.2	171.0
34779	68110	ZINC	4	313.7	404.6
34787	68110	ZINC	5	341.4	683.7
34795	68110	ZINC	4	307.4	383.0
34804	68110	ZINC	4	562.8	665.1
34807	68110	ZINC	3	174.3	274.8
34811	68110	ZINC	4	356.9	443.0
34815	68110	ZINC	5	402.4	767.0
34816	68110	ZINC	4	179.3	203.8
34818	68110	ZINC	4	172.6	238.7
34821	68110	ZINC	4	154.5	204.6
34824	68110	ZINC	4	213.9	371.8
34828	68110	ZINC	4	336.9	435.8
34834	68110	ZINC	4	456.4	584.3
34837	68110	ZINC	4	246.6	330.3
34847	68110	ZINC	4	185.9	274.0
34848	68110	ZINC	4	257.1	329.2
34854	68110	ZINC	4	220.5	258.2
34861	68110	ZINC	3	239.4	316.7
34866	68110	ZINC	4	362.4	470.3
34878	68110	ZINC	4	203.4	293.6
34879	68110	ZINC	5	184.1	276.0
34886	68110	ZINC	4	119.3	155.6
34895	68110	ZINC	4	192.3	238.0
34899	68110	ZINC	4	335.6	536.9
34902	68110	ZINC	4	166.4	221.0
34905	68110	ZINC	4	372.8	472.3
34909	68110	ZINC	4	140.0	172.5
34913	68110	ZINC	4	222.4	237.5
34915	68110	ZINC	4	271.5	356.8
34933	68110	ZINC	4	521.9	1018.0
34952	68110	ZINC	4	325.6	558.8
34955	68110	ZINC	5	501.4	731.1
34961	68110	ZINC	4	200.0	324.9
34965	68110	ZINC	5	198.7	259.7
34969	68110	ZINC	4	247.5	406.2
34972	68110	ZINC	4	133.7	185.2
34973	68110	ZINC	4	262.1	316.7
34989	68110	ZINC	4	139.7	165.7
34991	68110	ZINC	4	306.2	441.3
34997	68110	ZINC	4	92.2	115.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34998	68110	ZINC	4	154.8	173.7
35004	68110	ZINC	4	162.0	197.5
35008	68110	ZINC	4	178.3	306.7
35009	68110	ZINC	4	369.8	687.9
35012	68110	ZINC	4	268.2	372.8
35013	68110	ZINC	4	107.6	115.6
35015	68110	ZINC	4	268.8	377.4
35016	68110	ZINC	4	281.4	393.1
35020	68110	ZINC	4	219.5	370.1
35022	68110	ZINC	4	188.4	453.9
35025	68110	ZINC	5	345.2	796.5
35036	68110	ZINC	4	326.3	468.5
35038	68110	ZINC	3	304.3	376.6
35047	68110	ZINC	4	222.7	307.0
35048	68110	ZINC	4	134.0	166.3
35065	68110	ZINC	4	326.3	549.0
35070	68110	ZINC	4	850.1	2099.7
35071	68110	ZINC	4	325.5	450.7
35085	68110	ZINC	4	260.7	366.2
35086	68110	ZINC	5	173.7	201.3
35088	68110	ZINC	5	250.3	405.9
35105	68110	ZINC	4	267.6	295.9
35114	68110	ZINC	4	375.4	710.5
35116	68110	ZINC	6	138.0	189.9
35131	68110	ZINC	5	318.8	469.5
35132	68110	ZINC	5	390.8	788.1
35140	68110	ZINC	4	397.5	519.6
35148	68110	ZINC	4	218.4	301.6
35158	68110	ZINC	4	227.9	349.8
35171	68110	ZINC	4	301.1	411.9
35174	68110	ZINC	4	294.4	459.5
35176	68110	ZINC	4	246.0	386.5
35178	68110	ZINC	4	429.3	894.3
35180	68110	ZINC	5	286.5	571.2
35182	68110	ZINC	4	234.3	362.9
35183	68110	ZINC	4	228.3	296.0
35185	68110	ZINC	4	127.8	146.3
35188	68110	ZINC	4	189.1	275.9
35191	68110	ZINC	4	134.6	202.9
35192	68110	ZINC	4	209.9	261.5
35196	68110	ZINC	4	188.0	205.3
35200	68110	ZINC	4	213.4	232.7
35202	68110	ZINC	4	353.5	506.1
35207	68110	ZINC	4	232.1	280.9
35209	68110	ZINC	5	285.4	414.8
35212	68110	ZINC	5	201.6	361.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35215	68110	ZINC	4	370.8	652.2
35235	68110	ZINC	4	160.6	250.5
35237	68110	ZINC	4	167.2	202.6
35245	68110	ZINC	4	152.8	257.9
35249	68110	ZINC	4	317.4	379.6
35256	68110	ZINC	4	220.4	310.6
35259	68110	ZINC	4	70.0	136.7
35261	68110	ZINC	4	263.2	395.3
35265	68110	ZINC	4	140.2	163.3
35278	68110	ZINC	4	211.6	241.5
35286	68110	ZINC	4	383.3	483.2
35292	68110	ZINC	4	204.1	272.3
35298	68110	ZINC	4	222.8	320.4
35300	68110	ZINC	4	364.7	522.8
35303	68110	ZINC	5	219.0	346.5
35304	68110	ZINC	4	408.5	776.5
35308	68110	ZINC	4	97.9	149.9
35313	68110	ZINC	4	232.2	330.1
35315	68110	ZINC	3	222.4	268.6
35318	68110	ZINC	4	68.8	103.7
35319	68110	ZINC	4	313.7	434.0
35320	68110	ZINC	4	209.0	298.8
35321	68110	ZINC	4	381.2	740.3
35325	68110	ZINC	4	252.3	341.2
35326	68110	ZINC	3	252.8	459.0
35327	68110	ZINC	5	194.9	249.6
35330	68110	ZINC	4	153.7	186.0
35331	68110	ZINC	4	148.2	208.1
35333	68110	ZINC	4	233.1	452.0
35338	68110	ZINC	4	201.8	288.4
35339	68110	ZINC	4	227.9	378.1
35340	68110	ZINC	4	201.9	312.7
35341	68110	ZINC	4	271.1	290.7
35342	68110	ZINC	4	158.5	192.4
35343	68110	ZINC	3	139.2	168.1
35344	68110	ZINC	4	137.4	183.2
35346	68110	ZINC	4	163.1	203.6
35347	68110	ZINC	4	264.6	361.0
35348	68110	ZINC	2	265.4	333.2
35349	68110	ZINC	4	200.6	273.4
35353	68110	ZINC	4	153.5	247.8
35364	68110	ZINC	4	133.8	153.8
35365	68110	ZINC	4	167.8	216.1
35366	68110	ZINC	4	276.6	412.8
35372	68110	ZINC	5	162.0	218.3
35381	68110	ZINC	3	297.9	466.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35384	68110	ZINC	4	241.2	465.3
35390	68110	ZINC	5	128.7	148.2
35391	68110	ZINC	4	259.6	337.3
35396	68110	ZINC	4	334.3	423.2
35400	68110	ZINC	3	220.0	297.1
35402	68110	ZINC	4	134.0	256.0
35410	68110	ZINC	4	153.2	193.1
35413	68110	ZINC	4	223.9	308.7
35419	68110	ZINC	5	335.2	517.0
35421	68110	ZINC	4	236.4	323.2
35431	68110	ZINC	4	400.0	549.2
35432	68110	ZINC	4	141.5	151.2
35438	68110	ZINC	4	269.0	310.0
35446	68110	ZINC	3	275.3	331.5
35450	68110	ZINC	4	307.3	552.5
35452	68110	ZINC	4	140.0	186.8
35454	68110	ZINC	4	206.7	246.7
35457	68110	ZINC	5	138.3	206.9
35459	68110	ZINC	5	330.1	599.0
35461	68110	ZINC	5	251.0	448.9
35463	68110	ZINC	5	389.0	581.7
35464	68110	ZINC	3	262.3	304.3
35465	68110	ZINC	4	178.6	198.4
35467	68110	ZINC	4	112.4	122.5
35472	68110	ZINC	4	114.6	163.6
35476	68110	ZINC	4	513.8	604.3
35477	68110	ZINC	3	293.1	374.4
35479	68110	ZINC	4	223.9	332.7
35480	68110	ZINC	4	94.2	140.8
35482	68110	ZINC	4	310.7	377.0
35485	68110	ZINC	4	146.6	242.7
35486	68110	ZINC	4	463.9	571.4
35487	68110	ZINC	5	95.3	151.2
35490	68110	ZINC	4	238.1	338.2
35491	68110	ZINC	4	414.8	938.7
35494	68110	ZINC	4	360.8	535.6
35497	68110	ZINC	4	153.1	195.4
35501	68110	ZINC	6	375.3	691.6
35502	68110	ZINC	1	236.5	236.5
35520	68110	ZINC	4	283.4	314.6
35522	68110	ZINC	4	284.5	512.6
35525	68110	ZINC	2	303.9	358.1
35526	68110	ZINC	4	366.3	416.3
35528	68110	ZINC	4	207.7	246.7
35530	68110	ZINC	4	138.2	266.1
35533	68110	ZINC	4	300.3	373.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35539	68110	ZINC	4	186.5	221.5
35546	68110	ZINC	5	253.5	515.2
35551	68110	ZINC	4	477.3	811.9
35555	68110	ZINC	4	220.1	298.3
35558	68110	ZINC	4	326.7	482.0
35569	68110	ZINC	4	317.2	496.0
35578	68110	ZINC	4	156.5	259.7
35582	68110	ZINC	4	185.2	210.4
35583	68110	ZINC	4	155.8	192.3
35589	68110	ZINC	4	133.1	189.0
35606	68110	ZINC	4	463.7	948.1
35609	68110	ZINC	4	251.2	453.2
35616	68110	ZINC	4	183.2	199.5
35617	68110	ZINC	5	178.5	208.4
35625	68110	ZINC	4	158.8	187.3
35627	68110	ZINC	5	126.2	144.1
35628	68110	ZINC	3	383.3	412.8
35629	68110	ZINC	4	365.3	580.1
35631	68110	ZINC	4	298.6	398.0
35634	68110	ZINC	4	339.5	413.1
35635	68110	ZINC	5	263.5	456.6
35637	68110	ZINC	5	186.3	306.0
35639	68110	ZINC	4	277.0	392.4
35640	68110	ZINC	5	142.5	159.3
35656	68110	ZINC	4	398.4	481.4
35659	68110	ZINC	4	248.9	380.0
35661	68110	ZINC	4	271.0	625.4
35662	68110	ZINC	4	334.9	487.0
35663	68110	ZINC	4	164.8	218.4
35665	68110	ZINC	4	223.2	260.2
35669	68110	ZINC	4	430.6	648.0
35680	68110	ZINC	4	185.9	246.2
35681	68110	ZINC	4	492.1	512.4
35682	68110	ZINC	2	110.1	113.3
35686	68110	ZINC	4	120.6	162.6
35694	68110	ZINC	4	283.1	309.0
35695	68110	ZINC	4	151.1	292.1
35696	68110	ZINC	4	377.9	728.1
35703	68110	ZINC	3	150.3	156.6
35710	68110	ZINC	4	305.5	635.1
35719	68110	ZINC	3	230.0	267.6
35720	68110	ZINC	3	235.9	360.7
35732	68110	ZINC	4	98.3	121.4
35737	68110	ZINC	4	229.2	359.7
35739	68110	ZINC	4	131.5	182.9
35742	68110	ZINC	4	289.3	497.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35746	68110	ZINC	5	331.8	418.1
35747	68110	ZINC	4	250.5	335.7
35754	68110	ZINC	5	659.0	1240.0
35757	68110	ZINC	4	1067.3	2256.3
35759	68110	ZINC	4	236.2	320.3
35764	68110	ZINC	4	195.7	226.8
35766	68110	ZINC	4	268.9	433.2
35767	68110	ZINC	4	287.4	481.5
35770	68110	ZINC	4	261.0	351.9
35774	68110	ZINC	4	193.6	290.2
35779	68110	ZINC	4	194.5	251.7
35784	68110	ZINC	4	288.1	370.3
35787	68110	ZINC	4	249.2	410.3
35792	68110	ZINC	4	338.6	480.8
35793	68110	ZINC	4	160.2	202.5
35797	68110	ZINC	4	179.1	231.2
35808	68110	ZINC	5	173.0	262.7
35834	68110	ZINC	3	308.6	408.0
35847	68110	ZINC	3	277.8	438.6
35855	68110	ZINC	4	218.8	264.2
35870	68110	ZINC	4	177.9	225.0
35897	68110	ZINC	3	223.7	266.0
35905	68110	ZINC	4	88.9	93.6
35913	68110	ZINC	4	236.4	355.9
35914	68110	ZINC	4	176.3	198.4
35916	68110	ZINC	4	288.6	424.4
35923	68110	ZINC	5	369.5	576.2
35942	68110	ZINC	4	288.0	597.5
35952	68110	ZINC	4	278.7	457.4
35953	68110	ZINC	4	208.1	256.0
35957	68110	ZINC	4	168.8	243.5
35972	68110	ZINC	4	112.9	125.6
35996	68110	ZINC	4	344.8	514.8
36037	68110	ZINC	4	186.2	246.6
36060	68110	ZINC	4	402.9	755.4
36061	68110	ZINC	4	179.3	273.0
36068	68110	ZINC	4	168.8	271.2
36076	68110	ZINC	4	256.2	652.1
36152	68110	ZINC	4	331.7	385.2
36189	68110	ZINC	4	157.8	289.4
36611	68110	ZINC	4	167.2	233.9
36750	68110	ZINC	4	195.8	336.4
36758	68110	ZINC	4	252.4	359.5
36879	68110	ZINC	4	339.3	616.3
36886	68110	ZINC	4	575.7	966.9
36893	68110	ZINC	4	353.8	540.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36900	68110	ZINC	5	272.8	555.6
36905	68110	ZINC	6	199.6	256.5
37069	68110	ZINC	4	468.6	701.9
37075	68110	ZINC	4	259.2	465.6
37077	68110	ZINC	4	236.5	385.5
37079	68110	ZINC	4	339.9	722.5
37081	68110	ZINC	4	232.9	256.9
37083	68110	ZINC	4	157.9	177.9
37086	68110	ZINC	4	197.1	274.7
37091	68110	ZINC	4	399.4	822.4
37092	68110	ZINC	5	403.5	495.7
37096	68110	ZINC	4	182.5	200.1
37137	68110	ZINC	5	261.3	389.0
37188	68110	ZINC	4	358.9	572.0
37258	68110	ZINC	4	168.1	235.7
37305	68110	ZINC	4	374.3	735.7
37332	68110	ZINC	4	184.0	230.9
37362	68110	ZINC	4	278.7	509.8
37398	68110	ZINC	5	172.6	201.7
37401	68110	ZINC	4	290.5	411.8
37434	68110	ZINC	4	449.5	846.0
37456	68110	ZINC	4	443.0	758.0
37522	68110	ZINC	4	313.1	564.1
37523	68110	ZINC	4	447.5	917.7
37525	68110	ZINC	4	342.7	724.8
37528	68110	ZINC	5	196.5	276.5
37532	68110	ZINC	4	186.6	268.0
37534	68110	ZINC	3	134.0	171.8
37562	68110	ZINC	3	241.8	400.4
37615	68110	ZINC	4	211.0	270.1
37652	68110	ZINC	4	346.5	516.2
37656	68110	ZINC	5	187.2	285.2
37667	68110	ZINC	4	148.0	196.3
37673	68110	ZINC	4	328.2	703.3
37674	68110	ZINC	4	205.4	325.0
37707	68110	ZINC	3	251.7	329.8
37810	68110	ZINC	4	197.0	263.3
37821	68110	ZINC	4	270.5	404.9
37865	68110	ZINC	5	178.5	212.7
37909	68110	ZINC	4	210.7	254.6
37915	68110	ZINC	4	211.6	267.9
37977	68110	ZINC	4	207.7	248.7
37985	68110	ZINC	4	241.6	368.1
38063	68110	ZINC	4	306.4	464.7
38086	68110	ZINC	4	142.7	161.8
38089	68110	ZINC	4	173.1	250.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
38092	68110	ZINC	4	98.4	134.4
38120	68110	ZINC	4	167.8	292.7
38205	68110	ZINC	3	303.9	413.2
38211	68110	ZINC	4	164.6	233.0
38239	68110	ZINC	4	230.1	346.9
38263	68110	ZINC	4	194.6	379.1
38273	68110	ZINC	4	359.6	528.2
38451	68110	ZINC	4	148.4	159.6
38458	68110	ZINC	4	240.2	308.6
38471	68110	ZINC	4	205.4	398.6
38518	68110	ZINC	4	177.3	194.6
38570	68110	ZINC	4	179.2	313.0
38571	68110	ZINC	5	232.4	326.5
38602	68110	ZINC	6	239.6	377.1
38609	68110	ZINC	4	366.2	535.1
38697	68110	ZINC	4	227.2	289.0
38699	68110	ZINC	5	207.3	241.9
38719	68110	ZINC	4	220.0	340.6
38725	68110	ZINC	3	256.3	413.4
38757	68110	ZINC	4	236.5	290.6
38774	68110	ZINC	4	175.2	205.2
38791	68110	ZINC	5	272.6	317.9
38829	68110	ZINC	5	185.3	301.4
38832	68110	ZINC	4	217.0	390.5
38863	68110	ZINC	3	338.9	672.0
38878	68110	ZINC	4	201.4	296.4
38916	68110	ZINC	5	122.4	165.3
38921	68110	ZINC	3	239.1	278.8
38950	68110	ZINC	3	291.4	424.2
38954	68110	ZINC	4	227.7	306.9
38955	68110	ZINC	4	199.4	237.9
38959	68110	ZINC	4	176.4	226.8
39000	68110	ZINC	4	200.5	314.9
39006	68110	ZINC	4	221.5	280.3
39015	68110	ZINC	4	205.2	359.5
39037	68110	ZINC	4	164.4	192.4
39124	68110	ZINC	4	181.5	247.6
39142	68110	ZINC	4	193.8	326.0
39174	68110	ZINC	4	239.9	260.8
39189	68110	ZINC	4	184.8	220.2
39209	68110	ZINC	4	284.5	555.7
39226	68110	ZINC	4	254.1	352.8
39271	68110	ZINC	4	240.2	357.9
39272	68110	ZINC	4	151.6	313.9
39274	68110	ZINC	3	201.8	265.0
39277	68110	ZINC	3	200.4	251.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
39279	68110	ZINC	4	286.9	385.1
39281	68110	ZINC	3	187.9	272.2
39434	68110	ZINC	4	214.2	281.0
39437	68110	ZINC	5	195.8	273.3
39441	68110	ZINC	3	275.6	435.2
39445	68110	ZINC	3	216.8	248.6
39448	68110	ZINC	2	313.4	328.1
39493	68110	ZINC	4	280.4	488.8
39500	68110	ZINC	4	219.7	300.7
39523	68110	ZINC	5	342.8	658.7
39559	68110	ZINC	4	205.4	233.4
39572	68110	ZINC	4	261.9	317.6
39583	68110	ZINC	3	254.7	338.8
39594	68110	ZINC	4	349.9	674.5
39598	68110	ZINC	5	202.0	253.5
39605	68110	ZINC	3	356.4	429.3
39619	68110	ZINC	5	212.6	264.4
39635	68110	ZINC	4	195.7	215.0
39650	68110	ZINC	5	320.5	748.5
39654	68110	ZINC	4	197.9	231.3
39657	68110	ZINC	3	213.8	299.4
39683	68110	ZINC	3	156.1	174.8
49164	68110	ZINC	6	238.2	432.7
49181	68110	ZINC	1	478.8	478.8
49336	68110	ZINC	4	229.4	366.8
49343	68110	ZINC	4	267.5	337.0
50034	68110	ZINC	4	117.5	133.2
50037	68110	ZINC	4	145.3	152.0
50039	68110	ZINC	4	169.6	209.5
50252	68110	ZINC	4	262.1	307.8
50253	68110	ZINC	4	250.6	273.1
50254	68110	ZINC	4	376.6	446.4
50255	68110	ZINC	4	336.3	483.2
50256	68110	ZINC	4	254.1	310.0
50257	68110	ZINC	2	437.2	438.4
50258	68110	ZINC	2	364.7	376.9
50259	68110	ZINC	4	328.6	453.9
50260	68110	ZINC	3	306.7	435.2
50261	68110	ZINC	2	307.0	361.3
50401	68110	ZINC	4	284.4	677.8
50440	68110	ZINC	4	387.9	473.6
50481	68110	ZINC	4	210.0	239.0
50482	68110	ZINC	4	254.2	274.3
50483	68110	ZINC	2	245.3	247.4
50572	68110	ZINC	4	295.7	339.7
50590	68110	ZINC	4	282.9	349.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50602	68110	ZINC	4	212.1	253.0
50617	68110	ZINC	4	311.6	553.1
55636	68110	ZINC	4	182.8	211.7
55642	68110	ZINC	4	262.9	376.3
55643	68110	ZINC	4	186.1	339.0
55644	68110	ZINC	4	324.5	561.5
55645	68110	ZINC	4	292.2	429.7
55649	68110	ZINC	4	203.2	319.4
63316	68110	ZINC	4	104.4	121.8
63319	68110	ZINC	4	133.8	192.1
66088	68110	ZINC	4	144.0	225.9
73891	68110	ZINC	4	187.4	303.4
73892	68110	ZINC	4	215.5	266.0
74149	68110	ZINC	4	360.3	784.0
74155	68110	ZINC	4	130.6	140.2
75834	68110	ZINC	4	247.9	355.9
77563	68110	ZINC	4	115.8	138.7
79377	68110	ZINC	4	251.7	299.8
79566	68110	ZINC	4	183.9	215.2
81395	68110	ZINC	4	93.9	127.6
81396	68110	ZINC	4	130.2	183.9
81397	68110	ZINC	4	150.3	247.0
81398	68110	ZINC	4	108.4	132.0
81399	68110	ZINC	4	113.7	140.3
81400	68110	ZINC	4	121.7	148.5
81401	68110	ZINC	4	111.2	154.2
81402	68110	ZINC	4	121.3	145.6
81403	68110	ZINC	4	113.4	154.4
81404	68110	ZINC	4	104.2	120.2
87991	68110	ZINC	4	110.4	118.0
87996	68110	ZINC	4	126.0	171.6
88030	68110	ZINC	4	142.5	163.6
88049	68110	ZINC	4	150.8	205.7
88194	68110	ZINC	4	138.7	203.7
88205	68110	ZINC	4	132.5	165.4
88318	68110	ZINC	4	227.3	296.2
90100	68110	ZINC	4	114.7	184.1
90165	68110	ZINC	4	239.0	282.0
90539	68110	ZINC	4	138.3	189.4
90706	68110	ZINC	4	109.1	115.6
90707	68110	ZINC	4	106.7	120.0
90857	68110	ZINC	4	252.0	344.3
90907	68110	ZINC	4	349.9	739.5
90908	68110	ZINC	4	442.0	558.8
91240	68110	ZINC	4	118.2	133.4
91449	68110	ZINC	4	236.1	266.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
91602	68110	ZINC	4	185.9	234.8
91603	68110	ZINC	4	178.5	203.7
91604	68110	ZINC	4	168.7	193.0
91608	68110	ZINC	4	382.1	607.7
91732	68110	ZINC	4	157.2	201.9
92499	68110	ZINC	4	116.5	128.9
92500	68110	ZINC	4	137.6	163.6
92501	68110	ZINC	4	129.9	137.8
92505	68110	ZINC	4	135.8	168.1
92511	68110	ZINC	4	146.3	172.5
92674	68110	ZINC	4	123.6	137.8
92675	68110	ZINC	4	108.3	118.2
92843	68110	ZINC	4	321.9	753.3
92845	68110	ZINC	4	141.6	173.0
92849	68110	ZINC	4	266.3	613.6
92851	68110	ZINC	4	139.6	172.5
92883	68110	ZINC	4	160.1	241.9
93337	68110	ZINC	4	124.9	133.4
93338	68110	ZINC	4	122.4	136.9
93339	68110	ZINC	4	126.0	138.7
93340	68110	ZINC	4	141.1	170.7
93341	68110	ZINC	4	145.2	176.1
93342	68110	ZINC	4	160.9	200.0
93343	68110	ZINC	4	136.7	201.9
93344	68110	ZINC	4	123.8	132.5
93345	68110	ZINC	4	139.7	154.7
93374	68110	ZINC	4	126.7	147.6
93375	68110	ZINC	4	108.0	118.2
93376	68110	ZINC	4	118.2	132.5
93377	68110	ZINC	4	110.2	119.1
223	68111	ZINC	4	195.2	373.3
227	68111	ZINC	2	213.3	281.3
249	68111	ZINC	2	138.7	152.5
250	68111	ZINC	3	719.2	1828.6
255	68111	ZINC	4	92.4	167.8
276	68111	ZINC	4	299.8	495.8
305	68111	ZINC	3	240.3	385.2
310	68111	ZINC	1	225.6	225.6
318	68111	ZINC	4	226.0	322.6
336	68111	ZINC	1	314.9	314.9
339	68111	ZINC	4	594.5	966.4
363	68111	ZINC	4	335.5	720.4
465	68111	ZINC	4	197.6	233.9
470	68111	ZINC	3	295.0	351.9
476	68111	ZINC	4	216.8	293.1
500	68111	ZINC	5	211.9	430.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
537	68111	ZINC	2	206.8	272.4
540	68111	ZINC	4	233.0	434.5
542	68111	ZINC	4	171.8	240.0
546	68111	ZINC	4	211.8	314.9
553	68111	ZINC	3	137.3	198.7
554	68111	ZINC	5	160.0	236.1
559	68111	ZINC	3	143.8	164.2
560	68111	ZINC	5	192.4	291.6
561	68111	ZINC	4	363.0	490.3
563	68111	ZINC	5	124.7	155.9
564	68111	ZINC	4	266.7	382.6
565	68111	ZINC	4	470.8	948.6
566	68111	ZINC	4	159.7	223.8
568	68111	ZINC	3	220.6	255.6
571	68111	ZINC	4	205.9	291.8
573	68111	ZINC	5	294.6	786.3
574	68111	ZINC	4	169.3	268.1
576	68111	ZINC	4	243.6	326.7
579	68111	ZINC	4	230.3	289.8
580	68111	ZINC	4	218.2	324.9
581	68111	ZINC	4	214.2	302.8
582	68111	ZINC	4	319.1	451.6
587	68111	ZINC	4	186.7	313.0
589	68111	ZINC	4	157.3	206.7
591	68111	ZINC	4	318.6	694.4
592	68111	ZINC	4	134.8	197.4
594	68111	ZINC	4	265.0	374.9
595	68111	ZINC	4	165.4	189.5
600	68111	ZINC	4	292.1	395.7
603	68111	ZINC	4	317.6	352.3
604	68111	ZINC	4	291.6	504.3
614	68111	ZINC	4	270.8	487.6
617	68111	ZINC	4	183.0	256.5
618	68111	ZINC	4	293.6	400.4
620	68111	ZINC	1	172.8	172.8
625	68111	ZINC	3	355.4	517.8
627	68111	ZINC	4	318.6	541.3
628	68111	ZINC	3	180.2	214.7
630	68111	ZINC	4	314.4	445.2
631	68111	ZINC	4	360.8	496.5
637	68111	ZINC	4	331.1	405.7
643	68111	ZINC	2	102.1	136.7
646	68111	ZINC	4	272.5	570.9
648	68111	ZINC	4	134.4	185.2
651	68111	ZINC	3	112.5	152.0
653	68111	ZINC	4	203.7	314.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
665	68111	ZINC	4	209.0	297.1
666	68111	ZINC	5	241.9	276.1
667	68111	ZINC	4	285.2	533.9
668	68111	ZINC	4	199.2	259.4
669	68111	ZINC	4	171.4	220.4
670	68111	ZINC	5	309.1	455.5
671	68111	ZINC	3	358.0	467.3
672	68111	ZINC	2	167.5	197.7
673	68111	ZINC	4	141.5	200.8
675	68111	ZINC	3	171.5	259.2
676	68111	ZINC	4	224.7	388.6
677	68111	ZINC	4	208.5	315.3
678	68111	ZINC	5	349.3	459.1
679	68111	ZINC	4	341.6	620.0
680	68111	ZINC	3	126.9	163.6
681	68111	ZINC	4	106.2	180.1
682	68111	ZINC	2	159.1	164.1
683	68111	ZINC	4	177.7	345.4
684	68111	ZINC	4	115.3	156.1
685	68111	ZINC	3	135.9	187.9
687	68111	ZINC	5	169.2	237.8
688	68111	ZINC	3	138.0	168.7
689	68111	ZINC	4	215.8	534.2
691	68111	ZINC	3	176.6	231.4
692	68111	ZINC	3	152.2	183.1
693	68111	ZINC	3	110.5	147.5
694	68111	ZINC	4	197.3	448.4
695	68111	ZINC	4	246.0	318.3
696	68111	ZINC	4	126.9	206.2
697	68111	ZINC	4	127.3	164.8
698	68111	ZINC	2	241.2	248.5
699	68111	ZINC	2	176.5	182.0
703	68111	ZINC	4	252.7	357.1
705	68111	ZINC	4	294.5	689.1
706	68111	ZINC	4	221.7	324.7
712	68111	ZINC	4	267.0	355.5
713	68111	ZINC	4	209.9	266.0
714	68111	ZINC	4	162.2	208.7
715	68111	ZINC	4	183.6	344.1
716	68111	ZINC	4	214.4	324.4
717	68111	ZINC	4	206.4	271.8
719	68111	ZINC	4	204.2	416.7
722	68111	ZINC	4	304.3	436.0
725	68111	ZINC	4	233.1	374.0
727	68111	ZINC	4	173.3	296.1
728	68111	ZINC	4	269.2	343.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
729	68111	ZINC	3	404.3	595.1
730	68111	ZINC	4	189.1	301.9
735	68111	ZINC	3	311.4	361.9
738	68111	ZINC	5	222.6	312.6
741	68111	ZINC	5	232.3	285.0
742	68111	ZINC	4	183.5	278.3
743	68111	ZINC	4	188.0	227.0
744	68111	ZINC	4	398.3	893.8
745	68111	ZINC	3	137.3	232.7
746	68111	ZINC	3	208.4	358.5
748	68111	ZINC	4	189.8	315.6
749	68111	ZINC	2	592.8	722.9
750	68111	ZINC	2	210.0	357.8
753	68111	ZINC	2	255.3	291.1
758	68111	ZINC	3	90.9	143.9
760	68111	ZINC	4	147.2	214.5
761	68111	ZINC	4	292.8	701.5
763	68111	ZINC	4	113.3	136.8
764	68111	ZINC	4	135.8	187.7
765	68111	ZINC	5	195.7	261.9
767	68111	ZINC	4	270.6	595.1
770	68111	ZINC	4	145.9	185.7
771	68111	ZINC	4	200.6	333.8
774	68111	ZINC	5	229.2	364.4
775	68111	ZINC	3	216.6	299.6
778	68111	ZINC	5	207.7	357.5
779	68111	ZINC	4	225.7	240.0
780	68111	ZINC	4	179.3	281.3
781	68111	ZINC	3	265.4	354.6
784	68111	ZINC	4	387.1	555.6
787	68111	ZINC	3	155.9	223.3
788	68111	ZINC	4	221.6	266.7
790	68111	ZINC	4	197.5	241.8
793	68111	ZINC	4	230.0	324.7
794	68111	ZINC	3	239.9	421.7
795	68111	ZINC	4	203.6	313.1
797	68111	ZINC	3	122.8	143.2
799	68111	ZINC	4	170.3	263.8
801	68111	ZINC	5	322.7	550.9
802	68111	ZINC	5	216.3	256.0
803	68111	ZINC	4	317.2	863.9
804	68111	ZINC	5	127.1	178.8
808	68111	ZINC	2	113.3	155.5
809	68111	ZINC	5	162.0	213.3
810	68111	ZINC	4	150.4	277.9
811	68111	ZINC	3	209.8	283.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
813	68111	ZINC	2	113.8	131.3
814	68111	ZINC	4	153.1	230.7
816	68111	ZINC	3	120.8	127.0
817	68111	ZINC	4	129.1	213.5
820	68111	ZINC	4	183.8	210.3
821	68111	ZINC	5	301.9	535.3
822	68111	ZINC	4	197.9	427.1
828	68111	ZINC	5	178.4	249.8
829	68111	ZINC	4	174.6	253.0
831	68111	ZINC	3	137.7	146.4
832	68111	ZINC	4	205.6	327.7
839	68111	ZINC	4	198.6	291.6
840	68111	ZINC	4	146.8	172.4
841	68111	ZINC	4	247.5	266.9
842	68111	ZINC	4	136.6	248.9
843	68111	ZINC	4	239.9	308.5
844	68111	ZINC	4	263.1	505.4
845	68111	ZINC	4	168.7	223.3
846	68111	ZINC	2	127.2	156.3
847	68111	ZINC	4	337.2	657.4
848	68111	ZINC	5	262.9	500.0
849	68111	ZINC	4	118.1	140.9
850	68111	ZINC	4	349.3	712.2
851	68111	ZINC	5	232.0	412.5
852	68111	ZINC	3	237.5	266.0
853	68111	ZINC	3	142.2	216.1
854	68111	ZINC	3	200.5	265.3
856	68111	ZINC	4	160.2	211.7
858	68111	ZINC	5	178.5	256.4
859	68111	ZINC	5	280.7	429.2
860	68111	ZINC	4	194.7	232.0
861	68111	ZINC	4	481.6	1170.7
863	68111	ZINC	4	243.5	470.8
864	68111	ZINC	5	203.6	353.2
865	68111	ZINC	3	155.0	180.2
866	68111	ZINC	5	137.1	254.0
867	68111	ZINC	3	254.5	314.0
871	68111	ZINC	3	217.6	402.1
873	68111	ZINC	4	155.2	198.4
876	68111	ZINC	4	234.4	347.3
877	68111	ZINC	4	179.5	234.1
884	68111	ZINC	4	478.6	1002.0
909	68111	ZINC	5	398.5	635.3
942	68111	ZINC	4	312.2	816.9
944	68111	ZINC	4	308.8	575.5
945	68111	ZINC	4	135.1	178.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
946	68111	ZINC	4	185.8	306.2
948	68111	ZINC	4	130.2	221.3
956	68111	ZINC	4	171.9	283.8
962	68111	ZINC	3	128.6	196.7
965	68111	ZINC	5	126.8	160.0
967	68111	ZINC	4	224.9	280.7
977	68111	ZINC	4	117.9	158.3
978	68111	ZINC	3	284.9	321.9
980	68111	ZINC	4	123.6	154.1
982	68111	ZINC	5	180.0	266.9
983	68111	ZINC	4	137.3	222.7
984	68111	ZINC	5	211.2	320.1
988	68111	ZINC	4	178.3	232.3
990	68111	ZINC	4	282.2	353.5
993	68111	ZINC	3	352.0	532.1
1008	68111	ZINC	5	190.6	331.1
1021	68111	ZINC	4	245.3	378.6
1022	68111	ZINC	4	143.0	169.7
1024	68111	ZINC	5	325.0	712.6
1030	68111	ZINC	4	106.4	152.7
1032	68111	ZINC	4	156.9	280.7
1061	68111	ZINC	4	153.9	236.6
1062	68111	ZINC	4	175.7	341.8
1063	68111	ZINC	3	115.5	168.1
1066	68111	ZINC	4	107.7	153.5
1075	68111	ZINC	4	450.8	1135.1
1078	68111	ZINC	3	229.5	298.5
1081	68111	ZINC	4	144.2	217.9
1082	68111	ZINC	5	127.4	205.6
1085	68111	ZINC	4	254.5	555.6
1090	68111	ZINC	5	94.5	135.4
1091	68111	ZINC	5	213.7	266.9
1096	68111	ZINC	5	213.5	312.6
1101	68111	ZINC	4	133.1	194.9
1108	68111	ZINC	4	496.9	886.7
1110	68111	ZINC	5	123.1	160.1
1125	68111	ZINC	5	275.7	362.8
1127	68111	ZINC	4	139.4	218.4
1134	68111	ZINC	3	151.5	241.4
1143	68111	ZINC	4	237.1	312.8
1145	68111	ZINC	4	171.6	300.3
1147	68111	ZINC	3	126.1	161.8
1149	68111	ZINC	4	84.9	116.3
1153	68111	ZINC	5	333.1	471.6
1154	68111	ZINC	4	149.4	270.1
1157	68111	ZINC	4	112.1	144.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1158	68111	ZINC	5	111.8	148.0
1159	68111	ZINC	3	121.1	137.7
1194	68111	ZINC	4	112.4	165.5
1202	68111	ZINC	4	259.8	354.1
1204	68111	ZINC	4	263.0	363.3
1206	68111	ZINC	4	107.0	149.4
1208	68111	ZINC	5	92.7	122.6
1211	68111	ZINC	5	117.6	176.6
1213	68111	ZINC	4	207.8	248.3
1221	68111	ZINC	4	211.5	245.9
1225	68111	ZINC	4	192.1	244.3
1238	68111	ZINC	4	180.1	285.9
1246	68111	ZINC	4	171.9	207.6
1251	68111	ZINC	3	218.0	269.9
1262	68111	ZINC	4	151.9	230.7
1264	68111	ZINC	4	151.4	175.1
1265	68111	ZINC	4	121.3	162.6
1266	68111	ZINC	4	168.7	201.4
1275	68111	ZINC	4	133.2	180.0
1277	68111	ZINC	4	171.8	367.3
1285	68111	ZINC	2	62.7	63.7
1288	68111	ZINC	4	141.1	177.6
1289	68111	ZINC	4	195.0	470.5
1292	68111	ZINC	5	108.6	160.7
1295	68111	ZINC	3	250.0	376.9
1298	68111	ZINC	5	122.7	319.2
1305	68111	ZINC	4	266.0	406.8
1306	68111	ZINC	4	370.8	657.0
1309	68111	ZINC	4	248.4	472.3
1320	68111	ZINC	3	165.5	197.1
1325	68111	ZINC	4	146.8	191.0
1329	68111	ZINC	2	193.0	206.2
1330	68111	ZINC	4	114.2	170.9
1335	68111	ZINC	2	167.0	180.5
1336	68111	ZINC	4	120.0	233.4
1337	68111	ZINC	4	153.3	185.8
1338	68111	ZINC	4	194.5	278.1
1340	68111	ZINC	5	154.7	228.4
1343	68111	ZINC	4	235.9	518.2
1345	68111	ZINC	4	157.4	223.4
1350	68111	ZINC	3	140.6	142.8
1353	68111	ZINC	4	280.6	471.2
1368	68111	ZINC	4	253.5	397.2
1372	68111	ZINC	3	217.7	255.8
1376	68111	ZINC	3	227.8	271.1
1377	68111	ZINC	2	261.1	287.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
1397	68111	ZINC	2	136.6	172.4
1402	68111	ZINC	5	141.1	189.9
1422	68111	ZINC	2	342.1	499.7
1425	68111	ZINC	4	231.5	329.9
1426	68111	ZINC	4	215.3	250.8
1427	68111	ZINC	4	294.0	418.5
1430	68111	ZINC	2	104.5	135.4
1431	68111	ZINC	4	196.3	238.9
1432	68111	ZINC	4	316.1	400.4
1434	68111	ZINC	4	405.9	732.5
1435	68111	ZINC	4	181.2	280.6
1436	68111	ZINC	4	304.1	563.1
1438	68111	ZINC	4	194.5	374.6
1439	68111	ZINC	4	159.9	245.0
1440	68111	ZINC	3	228.9	333.4
1441	68111	ZINC	4	254.5	409.6
1442	68111	ZINC	3	85.8	108.0
1443	68111	ZINC	4	201.4	367.1
1444	68111	ZINC	5	124.8	164.1
1445	68111	ZINC	3	131.1	153.7
1446	68111	ZINC	4	144.8	190.6
1447	68111	ZINC	5	176.7	265.4
1448	68111	ZINC	4	146.2	197.7
1460	68111	ZINC	4	158.6	212.7
1464	68111	ZINC	4	251.6	414.2
1468	68111	ZINC	4	160.3	227.7
1473	68111	ZINC	4	209.1	253.7
1474	68111	ZINC	5	245.5	429.6
1476	68111	ZINC	4	230.9	297.8
1482	68111	ZINC	4	197.8	206.3
1483	68111	ZINC	4	174.2	256.5
1484	68111	ZINC	4	150.3	189.3
1486	68111	ZINC	4	102.6	137.2
1487	68111	ZINC	3	76.8	119.8
1489	68111	ZINC	4	221.3	298.2
1490	68111	ZINC	4	172.7	255.1
1491	68111	ZINC	2	140.7	160.2
1493	68111	ZINC	4	419.4	1126.6
1497	68111	ZINC	4	171.3	248.3
1498	68111	ZINC	4	206.1	322.9
2008	68111	ZINC	4	111.6	175.5
2035	68111	ZINC	4	249.8	349.0
2075	68111	ZINC	4	152.3	169.8
2095	68111	ZINC	5	143.9	220.6
2103	68111	ZINC	4	157.7	215.9
2109	68111	ZINC	4	199.0	399.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
2112	68111	ZINC	1	165.8	165.8
2118	68111	ZINC	4	142.6	155.5
2119	68111	ZINC	5	207.5	361.9
2121	68111	ZINC	4	133.1	172.6
2123	68111	ZINC	4	201.8	303.4
2126	68111	ZINC	5	193.6	380.2
2150	68111	ZINC	4	210.2	325.5
2154	68111	ZINC	3	290.4	440.0
2160	68111	ZINC	4	404.0	725.6
2169	68111	ZINC	5	233.0	283.6
2173	68111	ZINC	3	230.8	396.8
2175	68111	ZINC	4	246.8	390.5
2179	68111	ZINC	4	171.1	214.2
2202	68111	ZINC	4	454.3	609.2
2204	68111	ZINC	3	177.4	292.1
2208	68111	ZINC	4	150.9	178.0
2216	68111	ZINC	4	259.6	407.1
2225	68111	ZINC	4	210.6	284.1
2231	68111	ZINC	4	207.3	364.0
2232	68111	ZINC	4	310.9	491.6
2242	68111	ZINC	2	131.9	137.4
2246	68111	ZINC	5	226.0	318.4
2262	68111	ZINC	4	292.6	427.0
2281	68111	ZINC	4	211.3	368.1
2286	68111	ZINC	4	238.2	303.7
2287	68111	ZINC	5	146.7	217.9
2288	68111	ZINC	4	113.8	151.1
2290	68111	ZINC	2	198.6	223.6
2298	68111	ZINC	4	224.0	307.3
2305	68111	ZINC	4	214.1	245.1
2310	68111	ZINC	2	187.6	211.5
2343	68111	ZINC	4	255.4	276.1
2344	68111	ZINC	4	242.8	281.1
2349	68111	ZINC	4	217.9	462.3
2365	68111	ZINC	4	126.2	151.8
2366	68111	ZINC	4	208.3	330.6
2375	68111	ZINC	4	104.8	198.6
2406	68111	ZINC	4	120.9	163.3
2407	68111	ZINC	5	155.0	264.1
2425	68111	ZINC	5	303.3	494.1
2542	68111	ZINC	4	143.8	191.7
2548	68111	ZINC	4	204.5	338.4
2549	68111	ZINC	4	130.0	177.6
2559	68111	ZINC	4	194.7	352.6
2560	68111	ZINC	4	201.3	230.3
2562	68111	ZINC	4	170.3	208.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
2565	68111	ZINC	4	245.2	292.0
2566	68111	ZINC	4	230.6	288.0
2571	68111	ZINC	4	142.8	194.0
2572	68111	ZINC	4	179.2	237.4
2573	68111	ZINC	4	257.0	345.0
2574	68111	ZINC	5	134.1	152.2
2576	68111	ZINC	4	589.8	895.4
2577	68111	ZINC	4	76.2	87.0
2579	68111	ZINC	4	126.6	198.9
2580	68111	ZINC	4	176.5	213.3
2583	68111	ZINC	4	229.7	394.9
3009	68111	ZINC	4	217.8	311.2
3014	68111	ZINC	4	213.6	283.4
3016	68111	ZINC	5	169.9	200.0
3019	68111	ZINC	4	113.6	161.3
3046	68111	ZINC	5	192.1	281.5
3051	68111	ZINC	4	83.1	112.0
3053	68111	ZINC	4	128.7	212.6
3058	68111	ZINC	4	205.4	283.6
3069	68111	ZINC	4	171.3	257.8
3070	68111	ZINC	4	247.3	363.9
3075	68111	ZINC	2	222.0	274.9
3081	68111	ZINC	4	113.8	184.5
3088	68111	ZINC	5	229.0	434.5
3089	68111	ZINC	4	304.8	452.7
3091	68111	ZINC	3	172.2	232.0
3095	68111	ZINC	4	144.1	166.3
3102	68111	ZINC	4	126.2	158.1
3106	68111	ZINC	4	173.7	292.0
3119	68111	ZINC	3	246.6	270.1
3133	68111	ZINC	4	152.6	194.0
3134	68111	ZINC	4	136.0	196.6
3138	68111	ZINC	4	125.9	139.6
3147	68111	ZINC	4	122.6	152.9
3151	68111	ZINC	4	313.3	576.6
3162	68111	ZINC	4	184.8	223.3
3169	68111	ZINC	2	112.4	141.5
3170	68111	ZINC	4	169.5	312.8
3177	68111	ZINC	4	217.9	263.8
3186	68111	ZINC	5	218.3	236.7
3187	68111	ZINC	5	218.4	264.1
3189	68111	ZINC	2	267.0	303.5
3191	68111	ZINC	4	183.8	243.1
3195	68111	ZINC	4	143.0	201.2
3196	68111	ZINC	4	239.8	281.7
3198	68111	ZINC	4	434.7	615.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
3201	68111	ZINC	4	243.5	336.3
3213	68111	ZINC	5	174.5	322.0
3214	68111	ZINC	4	141.9	178.7
3217	68111	ZINC	4	155.0	177.3
3218	68111	ZINC	4	140.8	227.5
5001	68111	ZINC	4	507.7	1019.8
5003	68111	ZINC	4	165.1	262.2
5007	68111	ZINC	4	301.7	366.2
5008	68111	ZINC	4	205.5	243.9
5013	68111	ZINC	5	133.4	161.0
5014	68111	ZINC	5	147.1	187.2
5015	68111	ZINC	2	94.2	141.6
5016	68111	ZINC	4	132.3	192.2
5022	68111	ZINC	5	231.5	307.4
5023	68111	ZINC	4	269.5	371.3
5025	68111	ZINC	5	89.4	152.1
5031	68111	ZINC	4	126.9	168.1
5032	68111	ZINC	4	104.7	132.4
5034	68111	ZINC	3	414.8	992.7
5035	68111	ZINC	4	143.6	193.8
5044	68111	ZINC	5	141.4	199.7
5046	68111	ZINC	4	139.7	191.0
5085	68111	ZINC	5	188.4	263.0
5090	68111	ZINC	5	182.0	220.0
5091	68111	ZINC	5	153.2	200.0
5092	68111	ZINC	5	142.9	152.7
5094	68111	ZINC	4	98.6	127.5
5095	68111	ZINC	5	135.8	184.6
5169	68111	ZINC	4	156.6	180.6
5170	68111	ZINC	4	111.3	126.8
5171	68111	ZINC	5	169.0	236.1
5204	68111	ZINC	4	107.2	152.0
5205	68111	ZINC	4	342.7	983.8
5206	68111	ZINC	4	104.0	127.4
5207	68111	ZINC	4	229.7	305.0
5208	68111	ZINC	4	272.2	364.0
5215	68111	ZINC	4	205.4	280.8
5216	68111	ZINC	4	276.0	511.4
5217	68111	ZINC	4	274.1	376.7
5218	68111	ZINC	4	198.6	287.0
5219	68111	ZINC	4	247.3	401.8
5220	68111	ZINC	4	141.6	179.5
5221	68111	ZINC	5	262.6	428.0
5222	68111	ZINC	4	145.7	199.2
5230	68111	ZINC	4	271.7	481.5
5231	68111	ZINC	4	165.4	262.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5232	68111	ZINC	4	422.7	905.2
5233	68111	ZINC	4	288.0	431.3
5234	68111	ZINC	4	410.9	620.0
5235	68111	ZINC	4	220.3	251.7
5236	68111	ZINC	4	308.6	589.0
5237	68111	ZINC	4	230.3	394.7
5238	68111	ZINC	4	205.6	419.0
5239	68111	ZINC	4	133.2	222.0
5240	68111	ZINC	4	106.5	148.8
5241	68111	ZINC	4	214.8	447.0
5242	68111	ZINC	4	74.6	145.0
5243	68111	ZINC	4	499.6	809.0
5245	68111	ZINC	4	296.7	405.7
5246	68111	ZINC	4	273.5	450.0
5247	68111	ZINC	4	174.4	284.7
5248	68111	ZINC	4	130.3	205.6
5249	68111	ZINC	4	479.9	1269.0
5250	68111	ZINC	4	198.6	357.3
5252	68111	ZINC	4	375.7	466.6
5253	68111	ZINC	4	257.4	648.8
5286	68111	ZINC	4	135.3	169.2
5287	68111	ZINC	4	118.2	142.7
5288	68111	ZINC	4	216.4	482.0
5289	68111	ZINC	4	123.6	182.9
5290	68111	ZINC	4	135.6	176.7
5291	68111	ZINC	4	80.7	105.3
5292	68111	ZINC	4	131.1	177.5
5293	68111	ZINC	4	140.3	167.1
5294	68111	ZINC	4	314.3	466.6
5295	68111	ZINC	4	207.3	304.4
5296	68111	ZINC	4	216.2	263.5
5329	68111	ZINC	4	250.2	404.6
5330	68111	ZINC	5	293.5	571.6
5333	68111	ZINC	4	175.3	209.2
5513	68111	ZINC	4	212.8	277.2
5514	68111	ZINC	4	116.9	136.3
5515	68111	ZINC	4	173.4	249.8
5516	68111	ZINC	4	134.8	168.7
5518	68111	ZINC	4	204.4	254.2
5519	68111	ZINC	4	93.2	110.2
5611	68111	ZINC	4	210.9	312.0
5618	68111	ZINC	4	148.3	187.5
5619	68111	ZINC	4	160.6	266.0
5625	68111	ZINC	4	233.0	375.6
5645	68111	ZINC	4	274.7	579.8
5655	68111	ZINC	4	284.4	508.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5665	68111	ZINC	4	220.0	251.9
5681	68111	ZINC	4	228.8	330.6
5686	68111	ZINC	4	128.2	218.3
5687	68111	ZINC	3	209.0	265.6
25624	68111	ZINC	4	195.0	216.3
25637	68111	ZINC	4	184.7	292.2
25640	68111	ZINC	4	262.0	279.3
25645	68111	ZINC	4	205.5	325.2
25646	68111	ZINC	3	293.2	357.1
25647	68111	ZINC	4	227.5	257.2
25648	68111	ZINC	4	282.3	349.8
25649	68111	ZINC	4	179.1	228.4
25651	68111	ZINC	5	426.3	1305.8
25652	68111	ZINC	4	214.5	307.5
25658	68111	ZINC	4	293.7	388.2
25660	68111	ZINC	3	263.9	296.2
25662	68111	ZINC	4	405.8	758.6
25663	68111	ZINC	5	385.4	468.0
25669	68111	ZINC	4	170.2	253.7
25670	68111	ZINC	4	203.7	277.1
25671	68111	ZINC	4	261.2	336.4
25673	68111	ZINC	4	244.6	411.3
25674	68111	ZINC	3	135.1	142.3
25675	68111	ZINC	4	171.1	239.1
25678	68111	ZINC	4	575.6	946.6
25679	68111	ZINC	4	262.5	312.4
25680	68111	ZINC	4	203.1	228.8
25681	68111	ZINC	4	166.2	194.2
25682	68111	ZINC	4	256.2	411.7
25683	68111	ZINC	4	179.6	241.9
25684	68111	ZINC	3	251.7	382.9
25685	68111	ZINC	4	207.7	234.8
25686	68111	ZINC	4	294.2	361.0
25687	68111	ZINC	4	200.6	321.8
25688	68111	ZINC	4	264.6	313.1
25695	68111	ZINC	4	365.7	404.7
25696	68111	ZINC	5	228.8	355.7
25697	68111	ZINC	4	172.5	215.2
25698	68111	ZINC	2	140.1	160.1
25699	68111	ZINC	4	283.1	448.2
25701	68111	ZINC	4	261.2	434.7
25705	68111	ZINC	4	202.8	283.8
25706	68111	ZINC	4	186.9	248.8
25708	68111	ZINC	4	227.8	341.0
25709	68111	ZINC	4	145.5	152.1
25716	68111	ZINC	4	213.6	333.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25718	68111	ZINC	4	197.3	278.8
25719	68111	ZINC	4	214.7	253.5
25724	68111	ZINC	4	339.8	503.6
25726	68111	ZINC	4	380.7	516.2
25727	68111	ZINC	3	143.4	163.2
25730	68111	ZINC	4	183.2	227.3
25731	68111	ZINC	4	339.0	501.5
25732	68111	ZINC	4	258.5	373.7
25735	68111	ZINC	4	231.9	347.5
25736	68111	ZINC	4	261.5	314.2
25738	68111	ZINC	4	184.0	232.4
25739	68111	ZINC	4	199.9	251.8
25741	68111	ZINC	4	215.5	253.2
25742	68111	ZINC	4	290.8	353.7
25745	68111	ZINC	4	270.6	312.5
25747	68111	ZINC	4	344.7	441.9
25749	68111	ZINC	4	162.6	238.2
25750	68111	ZINC	4	220.8	325.4
25754	68111	ZINC	4	275.1	502.2
25755	68111	ZINC	4	174.4	225.0
25756	68111	ZINC	3	191.0	233.9
25758	68111	ZINC	5	280.0	324.5
25759	68111	ZINC	4	325.9	556.1
25761	68111	ZINC	4	526.3	1337.1
25762	68111	ZINC	2	496.8	561.5
25763	68111	ZINC	4	207.1	259.2
25764	68111	ZINC	4	269.3	330.9
25765	68111	ZINC	4	205.9	244.6
25766	68111	ZINC	4	220.4	309.8
25768	68111	ZINC	4	348.5	558.1
25769	68111	ZINC	5	185.4	229.0
25770	68111	ZINC	4	185.2	259.0
25771	68111	ZINC	3	431.5	644.2
25772	68111	ZINC	4	452.8	876.3
25773	68111	ZINC	4	163.4	271.2
25774	68111	ZINC	4	244.0	297.4
25775	68111	ZINC	3	248.6	458.9
25776	68111	ZINC	4	282.5	539.0
25778	68111	ZINC	3	92.6	107.7
25779	68111	ZINC	3	367.6	417.6
25780	68111	ZINC	4	229.8	347.9
25781	68111	ZINC	4	255.7	347.7
25782	68111	ZINC	4	132.6	174.1
25785	68111	ZINC	3	213.6	257.7
25786	68111	ZINC	4	267.2	501.7
25787	68111	ZINC	4	287.3	432.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25788	68111	ZINC	5	153.1	195.3
25790	68111	ZINC	3	234.3	315.5
25793	68111	ZINC	4	283.7	424.6
25794	68111	ZINC	4	331.2	552.0
25796	68111	ZINC	4	403.5	559.7
25797	68111	ZINC	2	146.1	164.7
25801	68111	ZINC	4	184.2	212.9
25803	68111	ZINC	4	220.4	292.3
25804	68111	ZINC	4	272.7	365.9
25805	68111	ZINC	4	395.9	571.0
25807	68111	ZINC	5	213.3	326.7
25808	68111	ZINC	4	282.3	400.2
25809	68111	ZINC	4	352.7	428.8
25810	68111	ZINC	4	297.3	356.4
25811	68111	ZINC	4	335.2	578.4
25813	68111	ZINC	4	176.5	211.0
25814	68111	ZINC	2	375.9	407.8
25815	68111	ZINC	4	214.3	292.3
25816	68111	ZINC	4	201.4	278.9
25817	68111	ZINC	4	243.3	292.7
25818	68111	ZINC	4	202.6	285.7
25819	68111	ZINC	4	190.7	370.5
25821	68111	ZINC	4	226.4	369.9
25823	68111	ZINC	4	240.3	405.7
25824	68111	ZINC	4	312.6	569.5
25825	68111	ZINC	4	285.0	505.7
25826	68111	ZINC	3	376.4	522.8
25827	68111	ZINC	5	430.6	512.8
25828	68111	ZINC	4	305.3	466.7
25829	68111	ZINC	4	359.0	391.2
25830	68111	ZINC	4	329.6	402.5
25831	68111	ZINC	4	266.7	341.4
25833	68111	ZINC	4	535.3	729.2
25834	68111	ZINC	4	242.3	345.9
25836	68111	ZINC	4	309.8	524.9
25837	68111	ZINC	3	385.5	426.9
25838	68111	ZINC	4	332.6	442.1
25840	68111	ZINC	4	208.6	320.3
25843	68111	ZINC	4	186.0	223.9
25844	68111	ZINC	4	143.3	161.0
25845	68111	ZINC	3	168.4	185.4
25847	68111	ZINC	2	345.1	451.5
25848	68111	ZINC	4	135.2	152.1
25849	68111	ZINC	3	471.1	559.0
25850	68111	ZINC	2	230.3	245.7
25851	68111	ZINC	4	262.1	319.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25853	68111	ZINC	4	143.0	157.0
25854	68111	ZINC	4	311.5	476.3
25855	68111	ZINC	5	212.8	257.6
25860	68111	ZINC	4	152.4	216.8
25862	68111	ZINC	4	191.9	354.5
25863	68111	ZINC	4	227.4	290.9
25864	68111	ZINC	4	139.8	164.9
25866	68111	ZINC	4	195.1	282.8
25868	68111	ZINC	4	151.5	180.4
25869	68111	ZINC	4	109.1	135.2
25870	68111	ZINC	4	207.5	324.2
25871	68111	ZINC	5	280.0	394.6
25872	68111	ZINC	4	273.9	371.2
25873	68111	ZINC	4	200.8	292.5
25874	68111	ZINC	5	282.3	365.2
25875	68111	ZINC	4	204.0	257.8
25876	68111	ZINC	2	316.9	464.7
25877	68111	ZINC	4	236.6	438.0
25879	68111	ZINC	5	245.1	350.6
25883	68111	ZINC	3	330.1	375.4
25884	68111	ZINC	2	455.6	684.8
25894	68111	ZINC	4	239.1	355.4
25896	68111	ZINC	2	231.3	283.9
25898	68111	ZINC	2	306.5	447.3
25899	68111	ZINC	1	327.6	327.6
25903	68111	ZINC	4	236.4	459.8
25907	68111	ZINC	4	173.2	208.7
25908	68111	ZINC	4	206.8	251.7
25910	68111	ZINC	4	328.0	603.6
25912	68111	ZINC	4	174.2	215.4
25915	68111	ZINC	5	195.7	389.3
25918	68111	ZINC	4	92.2	98.7
25919	68111	ZINC	4	226.9	317.1
25921	68111	ZINC	4	270.7	639.2
25924	68111	ZINC	4	194.0	224.0
25925	68111	ZINC	4	727.2	2209.2
25927	68111	ZINC	4	210.8	329.3
25930	68111	ZINC	3	433.9	757.6
25931	68111	ZINC	4	253.9	536.0
25932	68111	ZINC	4	487.0	676.4
25933	68111	ZINC	4	311.9	453.4
25935	68111	ZINC	4	222.1	268.1
25936	68111	ZINC	4	299.6	398.2
25937	68111	ZINC	4	233.0	306.0
25938	68111	ZINC	4	233.2	285.2
25939	68111	ZINC	4	390.9	698.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25942	68111	ZINC	4	306.0	555.4
25943	68111	ZINC	4	487.1	975.0
25944	68111	ZINC	3	232.5	417.1
25947	68111	ZINC	4	182.9	227.7
25949	68111	ZINC	5	154.8	238.1
25950	68111	ZINC	5	229.6	248.2
25952	68111	ZINC	4	162.5	249.4
25953	68111	ZINC	5	189.3	385.7
25955	68111	ZINC	4	74.5	109.0
25956	68111	ZINC	4	85.3	123.4
25958	68111	ZINC	5	243.8	270.6
25961	68111	ZINC	4	191.6	209.4
25962	68111	ZINC	4	203.7	217.8
25963	68111	ZINC	4	219.8	315.5
25964	68111	ZINC	4	218.6	254.4
25965	68111	ZINC	4	181.3	246.6
25968	68111	ZINC	4	373.2	458.3
25970	68111	ZINC	4	241.7	304.9
25971	68111	ZINC	4	181.2	214.1
25972	68111	ZINC	3	267.8	322.5
25973	68111	ZINC	4	194.1	427.5
25974	68111	ZINC	4	213.3	321.2
25975	68111	ZINC	4	292.9	373.7
25976	68111	ZINC	4	206.5	322.9
25977	68111	ZINC	5	144.1	209.3
25978	68111	ZINC	4	221.7	294.4
25979	68111	ZINC	4	164.2	222.6
25980	68111	ZINC	2	331.0	364.7
25981	68111	ZINC	4	290.3	529.1
25982	68111	ZINC	4	175.2	282.3
25983	68111	ZINC	3	327.5	481.0
25984	68111	ZINC	4	153.8	193.3
25985	68111	ZINC	4	267.8	319.0
25986	68111	ZINC	4	215.7	481.9
25987	68111	ZINC	4	286.8	388.0
25988	68111	ZINC	4	135.2	176.8
25990	68111	ZINC	4	138.1	166.5
25991	68111	ZINC	4	192.5	302.6
25992	68111	ZINC	4	274.5	332.2
25993	68111	ZINC	5	212.9	250.8
25995	68111	ZINC	3	151.6	298.7
25996	68111	ZINC	1	299.0	299.0
26000	68111	ZINC	5	232.8	263.8
26002	68111	ZINC	5	307.5	578.9
26004	68111	ZINC	4	337.1	415.1
26005	68111	ZINC	3	319.7	399.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26006	68111	ZINC	5	213.1	253.1
26007	68111	ZINC	4	225.6	286.3
26008	68111	ZINC	4	163.5	295.5
26009	68111	ZINC	4	222.5	328.7
26011	68111	ZINC	4	141.2	182.7
26012	68111	ZINC	3	369.4	491.3
26018	68111	ZINC	4	107.5	157.9
26020	68111	ZINC	4	337.9	379.6
26021	68111	ZINC	4	195.3	221.6
26025	68111	ZINC	5	171.8	254.5
26027	68111	ZINC	4	220.7	266.5
26029	68111	ZINC	4	277.3	446.9
26030	68111	ZINC	4	238.9	449.0
26032	68111	ZINC	4	130.3	164.4
26033	68111	ZINC	5	84.3	176.5
26034	68111	ZINC	4	130.0	152.3
26035	68111	ZINC	4	207.4	336.9
26036	68111	ZINC	4	209.3	330.1
26038	68111	ZINC	4	216.8	515.9
26039	68111	ZINC	3	441.4	509.5
26040	68111	ZINC	4	163.5	228.4
26041	68111	ZINC	4	175.0	191.4
26042	68111	ZINC	4	404.8	479.0
26043	68111	ZINC	4	289.9	323.9
26045	68111	ZINC	4	292.6	457.2
26049	68111	ZINC	4	276.8	477.2
26051	68111	ZINC	2	244.9	318.3
26052	68111	ZINC	3	181.8	214.2
26053	68111	ZINC	4	130.1	167.3
26054	68111	ZINC	4	156.2	185.2
26055	68111	ZINC	4	167.8	265.1
26056	68111	ZINC	4	189.6	286.1
26057	68111	ZINC	4	808.7	1721.4
26061	68111	ZINC	5	248.4	581.9
26062	68111	ZINC	2	528.3	891.4
26063	68111	ZINC	4	268.0	293.6
26065	68111	ZINC	4	219.1	312.3
26067	68111	ZINC	4	163.4	291.5
26068	68111	ZINC	5	214.4	281.7
26069	68111	ZINC	4	255.8	299.3
26070	68111	ZINC	3	187.2	236.8
26072	68111	ZINC	2	189.5	197.3
26076	68111	ZINC	4	269.4	301.1
26077	68111	ZINC	4	436.2	566.6
26078	68111	ZINC	2	150.2	174.1
26079	68111	ZINC	2	188.7	275.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26080	68111	ZINC	2	159.9	169.9
26082	68111	ZINC	3	122.7	130.6
26083	68111	ZINC	4	192.7	225.7
26084	68111	ZINC	4	384.1	541.0
26086	68111	ZINC	4	114.5	146.0
26087	68111	ZINC	4	132.9	160.4
26088	68111	ZINC	3	541.2	1175.3
26089	68111	ZINC	3	353.2	414.4
26090	68111	ZINC	3	222.7	283.8
26092	68111	ZINC	4	302.6	443.8
26093	68111	ZINC	4	221.1	417.8
26100	68111	ZINC	4	227.5	345.4
26101	68111	ZINC	5	158.6	185.8
26102	68111	ZINC	4	563.4	1272.7
26103	68111	ZINC	2	195.4	225.6
26106	68111	ZINC	4	230.6	385.0
26107	68111	ZINC	3	258.6	265.7
26108	68111	ZINC	3	152.9	189.4
26110	68111	ZINC	4	176.7	215.2
26112	68111	ZINC	4	448.9	1018.4
26113	68111	ZINC	4	156.1	197.4
26114	68111	ZINC	4	228.1	272.7
26115	68111	ZINC	4	127.1	135.8
26116	68111	ZINC	4	209.0	313.1
26117	68111	ZINC	4	266.9	376.6
26118	68111	ZINC	4	133.7	151.7
26119	68111	ZINC	4	135.3	178.0
26120	68111	ZINC	4	291.7	390.0
26123	68111	ZINC	2	179.5	189.3
26124	68111	ZINC	4	155.9	200.0
26126	68111	ZINC	4	184.9	243.4
26129	68111	ZINC	4	137.5	174.3
26131	68111	ZINC	4	203.8	380.4
26132	68111	ZINC	5	235.8	343.9
26135	68111	ZINC	4	203.6	274.0
26137	68111	ZINC	5	137.8	181.5
26139	68111	ZINC	4	166.9	214.6
26140	68111	ZINC	6	210.7	270.8
26141	68111	ZINC	4	151.6	170.2
26142	68111	ZINC	4	99.9	125.0
26144	68111	ZINC	4	213.7	282.4
26145	68111	ZINC	4	131.4	237.0
26146	68111	ZINC	4	214.1	328.4
26147	68111	ZINC	4	255.0	290.1
26149	68111	ZINC	4	245.1	388.0
26150	68111	ZINC	4	198.9	266.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26153	68111	ZINC	4	260.9	319.4
26154	68111	ZINC	4	300.7	388.4
26157	68111	ZINC	4	222.2	407.2
26158	68111	ZINC	4	223.1	324.5
26159	68111	ZINC	4	287.3	393.3
26160	68111	ZINC	4	258.1	515.2
26161	68111	ZINC	3	333.1	401.8
26162	68111	ZINC	4	67.0	119.2
26164	68111	ZINC	5	275.5	473.0
26165	68111	ZINC	4	228.1	264.1
26166	68111	ZINC	3	139.4	163.8
26168	68111	ZINC	5	181.6	254.8
26170	68111	ZINC	4	202.2	251.7
26172	68111	ZINC	4	289.8	337.6
26173	68111	ZINC	4	308.1	369.2
26174	68111	ZINC	4	244.7	361.3
26176	68111	ZINC	4	239.6	317.7
26177	68111	ZINC	4	206.2	276.1
26178	68111	ZINC	4	166.8	214.5
26179	68111	ZINC	4	260.4	300.4
26183	68111	ZINC	4	290.7	368.4
26184	68111	ZINC	4	171.4	193.9
26185	68111	ZINC	4	367.6	554.1
26187	68111	ZINC	4	198.4	224.4
26188	68111	ZINC	4	179.8	222.4
26189	68111	ZINC	4	261.6	539.0
26190	68111	ZINC	4	164.9	174.3
26191	68111	ZINC	4	212.3	293.3
26193	68111	ZINC	4	188.0	258.3
26194	68111	ZINC	4	176.8	213.0
26195	68111	ZINC	3	202.0	287.8
26196	68111	ZINC	4	297.2	402.1
26199	68111	ZINC	5	340.2	529.6
26200	68111	ZINC	4	288.7	437.7
26202	68111	ZINC	4	196.1	240.6
26203	68111	ZINC	4	126.5	188.5
26204	68111	ZINC	4	106.9	125.4
26205	68111	ZINC	4	168.9	187.1
26206	68111	ZINC	4	319.9	501.7
26209	68111	ZINC	4	131.4	169.1
26210	68111	ZINC	4	228.0	292.6
26211	68111	ZINC	4	185.8	314.0
26212	68111	ZINC	5	173.2	234.6
26213	68111	ZINC	4	175.9	207.2
26214	68111	ZINC	4	300.1	348.5
26215	68111	ZINC	4	239.2	319.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26216	68111	ZINC	4	190.4	232.8
26217	68111	ZINC	4	73.5	127.5
26222	68111	ZINC	4	202.4	235.4
26224	68111	ZINC	4	246.0	295.1
26225	68111	ZINC	4	220.0	274.3
26226	68111	ZINC	4	331.6	537.4
26227	68111	ZINC	4	193.8	224.1
26228	68111	ZINC	4	242.4	415.3
26229	68111	ZINC	4	260.1	462.5
26230	68111	ZINC	3	340.4	535.9
26231	68111	ZINC	4	193.4	238.0
26232	68111	ZINC	4	169.8	187.5
26233	68111	ZINC	4	131.2	151.9
26235	68111	ZINC	4	114.5	124.0
26236	68111	ZINC	2	101.0	113.7
26240	68111	ZINC	4	180.1	215.6
26241	68111	ZINC	3	276.3	363.6
26242	68111	ZINC	4	486.9	923.8
26246	68111	ZINC	4	132.7	139.6
26248	68111	ZINC	2	209.9	288.2
26249	68111	ZINC	4	212.5	322.9
26251	68111	ZINC	3	346.5	546.6
26256	68111	ZINC	4	186.8	239.5
26257	68111	ZINC	4	383.8	664.0
26261	68111	ZINC	3	305.5	389.3
26263	68111	ZINC	3	372.5	433.0
26264	68111	ZINC	5	302.3	397.2
26265	68111	ZINC	4	278.9	383.6
26266	68111	ZINC	4	205.3	279.5
26268	68111	ZINC	4	132.8	157.3
26269	68111	ZINC	5	169.0	236.3
26270	68111	ZINC	4	146.3	173.9
26271	68111	ZINC	4	325.2	388.8
26273	68111	ZINC	4	270.2	383.5
26274	68111	ZINC	4	127.6	162.2
26275	68111	ZINC	4	156.4	217.5
26276	68111	ZINC	4	219.8	264.5
26277	68111	ZINC	4	142.6	169.0
26279	68111	ZINC	4	191.3	228.1
26281	68111	ZINC	4	154.0	178.4
26282	68111	ZINC	3	145.0	166.1
26283	68111	ZINC	4	176.1	235.9
26284	68111	ZINC	3	232.9	268.9
26285	68111	ZINC	5	183.9	228.6
26286	68111	ZINC	4	145.7	172.3
26288	68111	ZINC	5	181.7	270.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26289	68111	ZINC	4	446.2	557.2
26290	68111	ZINC	4	139.9	171.0
26291	68111	ZINC	4	324.6	509.0
26292	68111	ZINC	4	193.7	214.2
26293	68111	ZINC	4	244.3	284.1
26294	68111	ZINC	4	233.9	359.0
26295	68111	ZINC	4	199.3	220.2
26296	68111	ZINC	3	156.2	186.9
26300	68111	ZINC	4	235.1	285.2
26301	68111	ZINC	2	397.7	536.0
26303	68111	ZINC	4	161.9	210.2
26304	68111	ZINC	4	189.0	225.9
26305	68111	ZINC	4	221.0	262.3
26306	68111	ZINC	4	77.4	116.1
26307	68111	ZINC	4	139.3	183.5
26308	68111	ZINC	3	148.2	148.6
26310	68111	ZINC	4	80.4	109.7
26311	68111	ZINC	4	215.8	279.9
26312	68111	ZINC	4	305.6	407.7
26313	68111	ZINC	4	308.9	416.7
26314	68111	ZINC	4	157.7	183.9
26316	68111	ZINC	4	234.6	625.9
26318	68111	ZINC	2	222.7	300.1
26319	68111	ZINC	3	222.7	259.1
26320	68111	ZINC	4	247.2	443.2
26322	68111	ZINC	5	599.3	1470.9
26323	68111	ZINC	4	260.8	313.1
26324	68111	ZINC	5	179.0	218.6
26326	68111	ZINC	4	352.2	624.2
26327	68111	ZINC	4	115.1	133.8
26328	68111	ZINC	4	348.1	446.6
26329	68111	ZINC	4	498.3	618.2
26330	68111	ZINC	4	161.4	175.2
26331	68111	ZINC	4	182.8	261.5
26332	68111	ZINC	4	187.7	242.7
26333	68111	ZINC	4	227.3	281.4
26334	68111	ZINC	4	202.8	284.7
26335	68111	ZINC	5	283.6	671.4
26337	68111	ZINC	4	280.2	345.9
26340	68111	ZINC	5	199.6	223.3
26343	68111	ZINC	4	260.5	387.9
26344	68111	ZINC	4	172.4	191.7
26345	68111	ZINC	5	284.1	395.8
26347	68111	ZINC	4	180.7	407.2
26348	68111	ZINC	4	161.8	167.2
26349	68111	ZINC	4	134.9	182.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26351	68111	ZINC	4	80.9	87.9
26352	68111	ZINC	4	166.9	245.8
26353	68111	ZINC	4	163.4	211.7
26354	68111	ZINC	4	245.3	400.4
26356	68111	ZINC	4	220.7	294.8
26357	68111	ZINC	3	169.6	182.3
26359	68111	ZINC	4	301.9	489.4
26360	68111	ZINC	4	544.0	721.8
26361	68111	ZINC	4	169.5	322.1
26362	68111	ZINC	4	188.3	256.0
26363	68111	ZINC	4	374.8	810.8
26364	68111	ZINC	4	291.5	368.8
26366	68111	ZINC	4	231.8	263.8
26368	68111	ZINC	4	261.1	331.3
26370	68111	ZINC	4	159.9	224.1
26371	68111	ZINC	4	321.8	400.6
26372	68111	ZINC	3	500.3	1025.5
26373	68111	ZINC	4	152.2	211.9
26375	68111	ZINC	4	168.4	195.6
26376	68111	ZINC	4	251.5	320.0
26377	68111	ZINC	5	301.2	668.0
26379	68111	ZINC	3	212.7	231.1
26381	68111	ZINC	5	141.0	216.2
26385	68111	ZINC	4	339.6	570.5
26390	68111	ZINC	4	213.2	300.3
26392	68111	ZINC	4	337.8	509.7
26394	68111	ZINC	4	162.3	235.4
26395	68111	ZINC	5	216.6	364.6
26396	68111	ZINC	4	257.7	340.9
26397	68111	ZINC	4	211.7	339.3
26399	68111	ZINC	4	262.5	536.0
26401	68111	ZINC	4	175.5	182.6
26403	68111	ZINC	4	408.4	523.1
26404	68111	ZINC	2	134.5	156.0
26405	68111	ZINC	4	158.1	215.9
26406	68111	ZINC	4	253.2	515.6
26407	68111	ZINC	3	544.8	1166.0
26408	68111	ZINC	4	212.4	305.0
26409	68111	ZINC	4	149.9	175.2
26412	68111	ZINC	4	147.6	172.8
26417	68111	ZINC	4	121.5	150.9
26418	68111	ZINC	4	222.6	328.4
26419	68111	ZINC	3	219.2	301.8
26420	68111	ZINC	2	176.7	185.6
26421	68111	ZINC	3	130.0	175.8
26422	68111	ZINC	3	241.3	346.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26424	68111	ZINC	4	171.2	319.7
26427	68111	ZINC	4	192.2	228.5
26428	68111	ZINC	3	450.5	702.0
26429	68111	ZINC	4	186.4	273.1
26430	68111	ZINC	5	273.5	330.7
26431	68111	ZINC	3	158.2	188.4
26432	68111	ZINC	4	182.4	329.2
26433	68111	ZINC	5	176.1	216.7
26434	68111	ZINC	4	157.1	240.9
26436	68111	ZINC	4	151.7	224.5
26438	68111	ZINC	4	241.0	349.4
26442	68111	ZINC	4	235.8	299.6
26445	68111	ZINC	4	297.3	422.8
26446	68111	ZINC	4	357.4	404.8
26449	68111	ZINC	4	186.9	261.7
26450	68111	ZINC	3	531.3	815.2
26451	68111	ZINC	4	216.3	277.1
26453	68111	ZINC	4	357.3	440.3
26455	68111	ZINC	3	195.4	327.2
26456	68111	ZINC	4	251.3	452.3
26457	68111	ZINC	4	262.4	344.1
26458	68111	ZINC	4	306.6	525.7
26459	68111	ZINC	4	188.6	260.5
26463	68111	ZINC	4	248.1	370.7
26464	68111	ZINC	4	229.3	245.9
26466	68111	ZINC	5	240.7	339.2
26467	68111	ZINC	4	98.3	139.2
26470	68111	ZINC	4	183.5	218.5
26471	68111	ZINC	4	309.8	545.8
26472	68111	ZINC	4	150.3	177.9
26473	68111	ZINC	5	155.9	211.2
26474	68111	ZINC	4	333.6	613.8
26475	68111	ZINC	4	238.5	298.8
26476	68111	ZINC	4	188.2	254.4
26477	68111	ZINC	3	218.8	286.6
26478	68111	ZINC	4	113.0	123.3
26479	68111	ZINC	4	131.5	225.7
26480	68111	ZINC	3	391.7	576.1
26481	68111	ZINC	4	174.7	204.9
26482	68111	ZINC	4	216.2	282.7
26483	68111	ZINC	4	194.6	218.8
26484	68111	ZINC	4	173.8	220.0
26485	68111	ZINC	4	245.9	492.2
26486	68111	ZINC	4	149.3	184.7
26487	68111	ZINC	4	162.8	200.9
26488	68111	ZINC	4	152.6	273.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26489	68111	ZINC	4	205.1	326.8
26490	68111	ZINC	4	242.2	300.7
26493	68111	ZINC	4	177.8	219.0
26495	68111	ZINC	4	164.0	205.8
26496	68111	ZINC	2	211.4	240.2
26498	68111	ZINC	4	202.7	240.2
26499	68111	ZINC	4	285.7	405.2
26500	68111	ZINC	4	497.6	1384.3
26501	68111	ZINC	4	136.7	153.7
26504	68111	ZINC	4	403.0	453.1
26505	68111	ZINC	5	280.3	421.4
26507	68111	ZINC	4	183.5	257.8
26510	68111	ZINC	5	133.4	174.2
26512	68111	ZINC	3	203.6	230.7
26514	68111	ZINC	3	223.7	261.8
26515	68111	ZINC	4	265.7	357.9
26516	68111	ZINC	4	315.0	478.9
26517	68111	ZINC	3	360.1	468.8
26518	68111	ZINC	4	318.6	557.0
26519	68111	ZINC	4	425.6	481.7
26520	68111	ZINC	3	264.8	339.0
26521	68111	ZINC	4	161.4	209.2
26522	68111	ZINC	4	293.4	523.0
26524	68111	ZINC	4	315.9	382.6
26526	68111	ZINC	4	134.5	145.9
26536	68111	ZINC	5	210.6	274.6
26537	68111	ZINC	3	224.7	249.0
26541	68111	ZINC	4	213.9	279.5
26543	68111	ZINC	4	228.3	301.5
26545	68111	ZINC	4	319.7	378.1
26547	68111	ZINC	4	130.9	161.5
26549	68111	ZINC	4	151.2	197.4
26552	68111	ZINC	4	207.2	371.7
26554	68111	ZINC	4	270.3	439.9
26562	68111	ZINC	4	265.3	364.9
26564	68111	ZINC	4	281.2	354.8
26566	68111	ZINC	4	234.7	334.1
26570	68111	ZINC	4	484.1	898.8
26571	68111	ZINC	4	185.5	289.6
26573	68111	ZINC	4	286.1	300.7
26574	68111	ZINC	4	125.0	150.4
26576	68111	ZINC	4	228.3	270.8
26579	68111	ZINC	4	216.9	338.2
26581	68111	ZINC	4	339.0	559.2
26582	68111	ZINC	4	217.5	276.0
26583	68111	ZINC	4	113.7	169.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26588	68111	ZINC	3	276.5	370.4
26589	68111	ZINC	4	328.6	665.4
26590	68111	ZINC	5	312.5	411.4
26591	68111	ZINC	4	249.7	323.5
26593	68111	ZINC	5	152.0	287.3
26594	68111	ZINC	4	337.3	569.1
26595	68111	ZINC	4	282.7	303.5
26596	68111	ZINC	4	705.2	1187.6
26597	68111	ZINC	4	249.5	342.7
26599	68111	ZINC	4	535.4	815.5
26601	68111	ZINC	4	235.9	365.7
26602	68111	ZINC	4	223.5	263.8
26604	68111	ZINC	4	132.0	139.8
26605	68111	ZINC	4	161.2	214.2
26607	68111	ZINC	4	139.8	150.1
26610	68111	ZINC	4	193.9	235.4
26611	68111	ZINC	4	177.8	246.3
26612	68111	ZINC	5	297.9	370.7
26615	68111	ZINC	4	192.7	347.5
26616	68111	ZINC	4	268.6	511.1
26620	68111	ZINC	4	410.9	934.1
26624	68111	ZINC	4	245.1	322.9
26625	68111	ZINC	4	157.9	193.1
26626	68111	ZINC	4	254.0	443.4
26629	68111	ZINC	4	257.7	383.2
26630	68111	ZINC	4	223.7	307.6
26632	68111	ZINC	4	200.4	221.4
26633	68111	ZINC	3	596.5	835.4
26634	68111	ZINC	4	231.5	377.9
26635	68111	ZINC	4	294.9	550.3
26636	68111	ZINC	4	185.4	254.8
26637	68111	ZINC	4	150.3	241.8
26638	68111	ZINC	4	121.9	137.4
26641	68111	ZINC	4	194.5	279.5
26642	68111	ZINC	4	313.2	568.9
26643	68111	ZINC	5	188.7	240.5
26644	68111	ZINC	4	221.5	279.7
26645	68111	ZINC	4	336.9	450.2
26646	68111	ZINC	4	146.2	185.7
26649	68111	ZINC	4	109.1	135.1
26650	68111	ZINC	3	244.6	307.1
26652	68111	ZINC	4	118.9	128.0
26653	68111	ZINC	5	292.5	379.4
26654	68111	ZINC	4	125.2	137.6
26655	68111	ZINC	4	252.9	341.1
26657	68111	ZINC	4	297.0	424.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26658	68111	ZINC	4	197.8	318.7
26659	68111	ZINC	4	122.6	158.8
26661	68111	ZINC	4	346.2	477.6
26663	68111	ZINC	4	246.6	335.9
26664	68111	ZINC	4	156.1	192.4
26665	68111	ZINC	4	198.7	249.3
26666	68111	ZINC	5	149.2	233.7
26669	68111	ZINC	4	427.7	576.6
26670	68111	ZINC	4	418.2	596.2
26671	68111	ZINC	4	244.6	470.3
26672	68111	ZINC	4	81.2	118.9
26673	68111	ZINC	4	259.8	581.4
26674	68111	ZINC	3	167.4	175.1
26675	68111	ZINC	4	192.2	226.1
26676	68111	ZINC	4	219.5	253.6
26677	68111	ZINC	5	144.9	177.1
26678	68111	ZINC	4	295.3	458.4
26679	68111	ZINC	4	119.1	152.1
26680	68111	ZINC	2	273.4	312.7
26681	68111	ZINC	5	376.9	563.2
26682	68111	ZINC	4	207.8	269.0
26684	68111	ZINC	5	202.0	232.6
26686	68111	ZINC	4	295.4	385.5
26689	68111	ZINC	4	559.2	857.8
26690	68111	ZINC	4	323.7	528.2
26693	68111	ZINC	4	371.0	418.0
26695	68111	ZINC	4	275.5	507.7
26696	68111	ZINC	4	151.2	194.9
26698	68111	ZINC	4	429.6	685.3
26700	68111	ZINC	4	279.4	399.4
26702	68111	ZINC	4	186.4	241.0
26710	68111	ZINC	4	129.4	137.4
26711	68111	ZINC	4	242.3	338.4
26712	68111	ZINC	4	102.4	121.8
26713	68111	ZINC	4	281.4	339.8
26714	68111	ZINC	4	109.1	131.6
26715	68111	ZINC	4	85.7	91.8
26716	68111	ZINC	4	261.0	410.1
26718	68111	ZINC	4	130.4	135.6
26720	68111	ZINC	4	216.0	282.2
26721	68111	ZINC	4	209.2	250.0
26722	68111	ZINC	4	176.7	300.9
26725	68111	ZINC	4	174.7	230.4
26727	68111	ZINC	4	214.8	283.4
26728	68111	ZINC	4	179.5	259.0
26729	68111	ZINC	4	212.5	277.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26730	68111	ZINC	3	349.6	451.1
26732	68111	ZINC	4	227.3	267.5
26734	68111	ZINC	4	261.6	451.6
26736	68111	ZINC	4	455.8	574.2
26737	68111	ZINC	4	198.6	225.0
26738	68111	ZINC	4	998.1	2889.5
26740	68111	ZINC	4	117.4	126.8
26741	68111	ZINC	4	290.1	455.2
26742	68111	ZINC	3	165.8	207.1
26744	68111	ZINC	3	363.3	813.2
26745	68111	ZINC	4	468.5	736.5
26746	68111	ZINC	4	169.0	238.3
26748	68111	ZINC	3	223.4	232.2
26749	68111	ZINC	4	164.9	191.4
26750	68111	ZINC	4	352.3	683.4
26751	68111	ZINC	4	360.7	841.8
26753	68111	ZINC	5	187.4	308.8
26754	68111	ZINC	4	351.4	620.6
26756	68111	ZINC	4	391.9	596.6
26757	68111	ZINC	4	199.2	213.1
26758	68111	ZINC	4	198.9	244.0
26759	68111	ZINC	4	154.8	176.4
26760	68111	ZINC	3	246.1	462.8
26761	68111	ZINC	4	261.0	345.2
26763	68111	ZINC	4	349.8	661.1
26764	68111	ZINC	4	238.1	305.5
26765	68111	ZINC	4	243.1	349.5
26766	68111	ZINC	4	228.3	382.3
26768	68111	ZINC	4	152.9	181.4
26769	68111	ZINC	4	137.2	194.5
26770	68111	ZINC	4	188.2	269.8
26771	68111	ZINC	4	230.2	355.3
26772	68111	ZINC	4	226.8	293.1
26773	68111	ZINC	4	155.8	192.1
26775	68111	ZINC	4	216.1	263.7
26778	68111	ZINC	2	164.0	170.3
26779	68111	ZINC	2	298.6	451.0
26780	68111	ZINC	4	221.9	250.1
26781	68111	ZINC	4	326.3	441.5
26782	68111	ZINC	4	206.1	267.1
26783	68111	ZINC	4	202.8	274.0
26785	68111	ZINC	4	168.9	218.3
26786	68111	ZINC	4	210.4	280.7
26787	68111	ZINC	4	236.4	347.8
26788	68111	ZINC	4	205.6	277.6
26789	68111	ZINC	4	314.9	422.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26790	68111	ZINC	4	343.2	639.2
26791	68111	ZINC	4	580.5	1922.4
26792	68111	ZINC	4	393.7	637.1
26795	68111	ZINC	4	162.1	234.2
26796	68111	ZINC	4	272.7	362.9
26797	68111	ZINC	4	187.9	208.0
26799	68111	ZINC	3	131.5	201.4
26800	68111	ZINC	4	216.2	287.2
26802	68111	ZINC	4	254.6	321.2
26803	68111	ZINC	4	129.6	149.6
26804	68111	ZINC	4	427.9	725.3
26807	68111	ZINC	4	674.7	1291.3
26808	68111	ZINC	4	207.0	317.6
26810	68111	ZINC	4	213.4	341.5
26811	68111	ZINC	4	206.1	290.9
26812	68111	ZINC	4	335.1	387.7
26814	68111	ZINC	4	263.5	361.5
26815	68111	ZINC	4	185.5	214.1
26816	68111	ZINC	4	286.8	368.1
26817	68111	ZINC	4	158.1	242.1
26818	68111	ZINC	4	204.2	284.5
26819	68111	ZINC	4	140.5	151.4
26820	68111	ZINC	4	106.1	143.1
26826	68111	ZINC	4	277.3	314.3
26827	68111	ZINC	4	749.4	2069.3
26828	68111	ZINC	4	166.9	231.8
26829	68111	ZINC	4	170.7	199.8
26830	68111	ZINC	4	206.9	239.8
26833	68111	ZINC	4	179.3	199.9
26834	68111	ZINC	3	320.2	464.0
26836	68111	ZINC	5	169.4	214.2
26840	68111	ZINC	4	276.9	419.9
26842	68111	ZINC	4	297.4	380.7
26844	68111	ZINC	4	321.4	464.6
26845	68111	ZINC	4	377.5	644.9
26847	68111	ZINC	4	164.6	247.9
26848	68111	ZINC	3	184.4	208.9
26849	68111	ZINC	4	114.9	124.5
26850	68111	ZINC	4	172.6	206.5
26853	68111	ZINC	3	315.1	347.5
26854	68111	ZINC	4	318.1	494.0
26855	68111	ZINC	2	321.0	341.1
26856	68111	ZINC	4	218.6	315.8
26857	68111	ZINC	4	427.5	606.4
26858	68111	ZINC	4	258.0	379.0
26859	68111	ZINC	5	394.0	666.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26860	68111	ZINC	4	294.7	432.0
26861	68111	ZINC	4	210.2	341.3
26864	68111	ZINC	2	382.8	561.3
26865	68111	ZINC	4	340.3	422.0
26867	68111	ZINC	4	242.5	283.4
26868	68111	ZINC	4	208.8	227.6
26869	68111	ZINC	4	342.4	446.0
26870	68111	ZINC	4	336.4	456.3
26872	68111	ZINC	4	503.5	972.7
26875	68111	ZINC	4	205.4	278.9
26876	68111	ZINC	4	208.4	366.7
26877	68111	ZINC	4	420.9	627.1
26881	68111	ZINC	4	203.9	276.3
26882	68111	ZINC	4	315.1	477.8
26883	68111	ZINC	4	359.6	434.4
26885	68111	ZINC	4	215.6	300.3
26886	68111	ZINC	4	537.9	1285.4
26889	68111	ZINC	4	390.8	777.7
26891	68111	ZINC	4	283.1	623.9
26892	68111	ZINC	4	159.7	190.0
26893	68111	ZINC	4	137.3	152.8
26894	68111	ZINC	4	140.1	169.3
26896	68111	ZINC	4	150.2	159.5
26897	68111	ZINC	4	65.2	118.1
26898	68111	ZINC	4	487.6	847.6
26899	68111	ZINC	4	236.3	417.1
26900	68111	ZINC	4	230.4	325.2
26902	68111	ZINC	4	264.7	380.7
26903	68111	ZINC	4	255.4	528.1
26904	68111	ZINC	4	241.9	332.7
26905	68111	ZINC	2	179.4	212.0
26907	68111	ZINC	2	274.5	359.9
26910	68111	ZINC	4	576.0	1774.2
26911	68111	ZINC	4	152.1	203.8
26912	68111	ZINC	4	248.4	472.5
26913	68111	ZINC	3	262.6	321.0
26915	68111	ZINC	4	136.5	174.2
26916	68111	ZINC	4	247.7	412.8
26918	68111	ZINC	4	184.9	297.1
26920	68111	ZINC	4	188.5	289.3
26923	68111	ZINC	4	256.6	333.8
26925	68111	ZINC	4	210.7	340.8
26926	68111	ZINC	4	107.3	146.3
26927	68111	ZINC	4	237.7	285.8
26928	68111	ZINC	4	210.6	270.6
26930	68111	ZINC	3	329.6	440.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
26931	68111	ZINC	4	194.8	233.0
26932	68111	ZINC	4	136.5	216.3
26938	68111	ZINC	4	171.7	185.0
26940	68111	ZINC	5	174.7	261.9
26941	68111	ZINC	4	261.0	333.1
26942	68111	ZINC	4	252.8	360.7
26943	68111	ZINC	4	342.0	359.2
26944	68111	ZINC	4	240.6	362.4
26947	68111	ZINC	4	321.1	567.9
26948	68111	ZINC	4	207.3	295.0
26949	68111	ZINC	5	236.4	289.1
26950	68111	ZINC	4	179.2	331.1
26952	68111	ZINC	5	177.7	388.3
26953	68111	ZINC	4	263.3	334.8
26954	68111	ZINC	4	270.0	367.0
26955	68111	ZINC	4	209.5	234.9
26956	68111	ZINC	5	145.5	276.5
26957	68111	ZINC	4	268.3	549.3
26959	68111	ZINC	4	200.1	290.8
26961	68111	ZINC	4	190.5	208.9
26963	68111	ZINC	4	169.7	222.8
26964	68111	ZINC	3	155.9	187.1
26965	68111	ZINC	4	205.8	234.6
26966	68111	ZINC	4	236.1	451.2
26967	68111	ZINC	4	280.6	433.9
26970	68111	ZINC	4	244.3	314.5
26971	68111	ZINC	4	135.1	160.8
26972	68111	ZINC	4	122.9	155.2
26973	68111	ZINC	4	203.9	215.4
26976	68111	ZINC	4	414.8	790.1
26977	68111	ZINC	4	215.3	290.5
26978	68111	ZINC	3	229.6	346.6
26980	68111	ZINC	4	441.8	575.3
26981	68111	ZINC	2	189.9	213.2
26982	68111	ZINC	4	226.8	316.7
26983	68111	ZINC	4	134.7	182.0
26985	68111	ZINC	4	141.3	162.1
26987	68111	ZINC	4	212.3	290.9
26988	68111	ZINC	4	133.9	143.2
26991	68111	ZINC	4	200.9	493.2
26992	68111	ZINC	4	162.7	217.4
26993	68111	ZINC	4	696.0	807.9
26994	68111	ZINC	4	281.7	361.2
26996	68111	ZINC	5	345.5	508.9
26997	68111	ZINC	4	246.6	281.4
26999	68111	ZINC	4	270.9	343.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27000	68111	ZINC	4	218.5	270.8
27001	68111	ZINC	4	169.9	199.2
27002	68111	ZINC	4	280.7	339.8
27003	68111	ZINC	4	178.9	315.8
27004	68111	ZINC	2	198.7	210.9
27005	68111	ZINC	4	190.2	231.1
27009	68111	ZINC	5	232.9	521.9
27011	68111	ZINC	4	225.9	335.6
27012	68111	ZINC	4	140.6	166.5
27013	68111	ZINC	4	228.2	373.5
27015	68111	ZINC	4	287.0	357.7
27017	68111	ZINC	4	174.7	286.4
27018	68111	ZINC	3	530.7	691.2
27019	68111	ZINC	4	279.7	385.8
27020	68111	ZINC	4	146.3	246.4
27022	68111	ZINC	4	282.4	474.3
27024	68111	ZINC	4	207.5	249.4
27025	68111	ZINC	4	137.1	159.2
27026	68111	ZINC	4	90.2	118.1
27028	68111	ZINC	4	157.7	205.1
27029	68111	ZINC	3	86.2	116.7
27031	68111	ZINC	4	124.9	134.4
27032	68111	ZINC	4	288.1	529.9
27033	68111	ZINC	3	123.6	174.4
27037	68111	ZINC	4	110.9	150.2
27038	68111	ZINC	4	200.2	266.9
27040	68111	ZINC	4	157.4	373.2
27043	68111	ZINC	3	366.5	444.2
27046	68111	ZINC	4	328.4	423.5
27048	68111	ZINC	4	160.5	288.2
27050	68111	ZINC	4	261.6	329.7
27052	68111	ZINC	3	135.3	146.3
27054	68111	ZINC	4	105.8	135.4
27058	68111	ZINC	4	381.6	479.7
27060	68111	ZINC	4	228.8	302.4
27062	68111	ZINC	3	187.7	280.2
27066	68111	ZINC	3	141.6	173.0
27068	68111	ZINC	3	214.4	261.7
27070	68111	ZINC	4	214.1	274.0
27071	68111	ZINC	4	131.3	174.4
27072	68111	ZINC	3	122.5	138.2
27073	68111	ZINC	4	293.6	395.6
27074	68111	ZINC	4	142.1	164.5
27075	68111	ZINC	4	304.5	534.2
27077	68111	ZINC	4	255.4	351.4
27079	68111	ZINC	4	91.3	125.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27080	68111	ZINC	4	239.5	267.8
27082	68111	ZINC	3	398.6	422.4
27087	68111	ZINC	4	230.7	403.6
27090	68111	ZINC	5	211.6	406.2
27091	68111	ZINC	4	397.9	694.5
27092	68111	ZINC	4	234.8	305.1
27094	68111	ZINC	4	132.2	174.3
27095	68111	ZINC	4	392.0	666.5
27096	68111	ZINC	4	575.3	838.9
27099	68111	ZINC	4	273.8	488.5
27101	68111	ZINC	4	194.3	253.0
27103	68111	ZINC	4	176.2	202.8
27107	68111	ZINC	4	140.1	170.5
27108	68111	ZINC	3	156.4	167.6
27109	68111	ZINC	4	81.2	113.2
27110	68111	ZINC	4	175.1	210.5
27111	68111	ZINC	4	460.2	643.3
27112	68111	ZINC	4	277.6	482.0
27114	68111	ZINC	4	312.7	473.8
27115	68111	ZINC	4	138.5	171.6
27116	68111	ZINC	5	320.5	536.1
27117	68111	ZINC	4	271.3	420.0
27118	68111	ZINC	2	305.8	317.1
27119	68111	ZINC	3	244.4	315.0
27120	68111	ZINC	4	374.2	515.1
27122	68111	ZINC	4	414.4	512.9
27123	68111	ZINC	4	231.4	323.2
27127	68111	ZINC	4	125.6	141.4
27128	68111	ZINC	4	239.1	280.9
27129	68111	ZINC	4	413.2	694.5
27130	68111	ZINC	4	137.6	161.3
27131	68111	ZINC	4	152.7	231.3
27132	68111	ZINC	4	238.5	322.4
27134	68111	ZINC	4	249.3	371.0
27135	68111	ZINC	4	130.5	144.4
27136	68111	ZINC	4	210.9	299.9
27137	68111	ZINC	4	274.3	332.2
27138	68111	ZINC	5	233.2	272.4
27139	68111	ZINC	4	166.0	199.0
27140	68111	ZINC	4	150.3	251.9
27141	68111	ZINC	4	393.8	494.9
27142	68111	ZINC	4	442.7	703.9
27143	68111	ZINC	4	110.2	120.9
27144	68111	ZINC	4	239.2	340.2
27145	68111	ZINC	4	126.6	163.0
27146	68111	ZINC	4	144.6	209.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27148	68111	ZINC	4	105.1	125.3
27149	68111	ZINC	4	120.9	136.9
27150	68111	ZINC	4	64.3	121.5
27151	68111	ZINC	4	119.4	177.3
27152	68111	ZINC	4	171.5	327.6
27153	68111	ZINC	5	147.4	214.7
27155	68111	ZINC	4	98.8	167.7
27156	68111	ZINC	4	536.8	777.5
27157	68111	ZINC	4	103.5	107.0
27159	68111	ZINC	4	169.0	255.7
27160	68111	ZINC	4	315.3	390.0
27161	68111	ZINC	4	114.9	136.7
27162	68111	ZINC	4	171.6	221.5
27163	68111	ZINC	3	351.7	554.4
27164	68111	ZINC	4	560.3	756.1
27166	68111	ZINC	2	239.3	324.4
27167	68111	ZINC	4	141.4	158.5
27168	68111	ZINC	4	109.8	144.7
27169	68111	ZINC	4	191.7	478.9
27170	68111	ZINC	4	132.6	172.1
27171	68111	ZINC	4	396.8	623.9
27172	68111	ZINC	4	158.5	214.0
27173	68111	ZINC	4	66.1	91.7
27174	68111	ZINC	5	70.7	123.5
27177	68111	ZINC	3	249.4	293.1
27178	68111	ZINC	4	102.7	119.3
27179	68111	ZINC	4	312.4	418.8
27180	68111	ZINC	4	419.1	576.2
27182	68111	ZINC	4	437.5	848.0
27184	68111	ZINC	4	181.9	257.1
27185	68111	ZINC	5	232.6	285.0
27186	68111	ZINC	4	349.2	461.7
27188	68111	ZINC	2	134.4	142.6
27189	68111	ZINC	3	293.9	357.7
27190	68111	ZINC	4	247.6	408.8
27191	68111	ZINC	4	263.8	309.9
27193	68111	ZINC	4	146.5	180.1
27195	68111	ZINC	4	225.7	321.2
27197	68111	ZINC	3	430.6	634.8
27198	68111	ZINC	4	326.4	590.3
27199	68111	ZINC	4	91.2	106.7
27202	68111	ZINC	3	166.7	189.3
27204	68111	ZINC	4	166.6	291.1
27205	68111	ZINC	4	114.4	190.6
27206	68111	ZINC	4	390.7	756.3
27207	68111	ZINC	4	172.9	203.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27209	68111	ZINC	4	220.3	231.7
27210	68111	ZINC	4	212.7	264.5
27211	68111	ZINC	4	136.0	195.8
27212	68111	ZINC	4	240.1	300.3
27213	68111	ZINC	4	209.5	245.5
27215	68111	ZINC	4	160.8	193.7
27217	68111	ZINC	4	132.1	176.1
27218	68111	ZINC	4	272.9	914.4
27219	68111	ZINC	4	217.8	401.0
27221	68111	ZINC	4	235.0	412.5
27222	68111	ZINC	3	206.0	331.1
27223	68111	ZINC	4	192.7	268.9
27224	68111	ZINC	5	193.4	294.2
27225	68111	ZINC	4	111.8	122.1
27226	68111	ZINC	4	113.0	124.9
27227	68111	ZINC	3	250.2	346.7
27229	68111	ZINC	4	129.0	203.1
27230	68111	ZINC	4	195.2	307.8
27231	68111	ZINC	4	95.2	112.8
27234	68111	ZINC	4	200.8	288.8
27236	68111	ZINC	4	208.3	257.5
27239	68111	ZINC	4	174.8	320.8
27240	68111	ZINC	3	127.4	138.9
27244	68111	ZINC	4	102.3	126.2
27245	68111	ZINC	4	369.2	697.1
27246	68111	ZINC	4	197.9	299.0
27247	68111	ZINC	4	267.6	319.2
27248	68111	ZINC	4	90.1	112.2
27249	68111	ZINC	4	158.3	201.1
27251	68111	ZINC	4	417.6	699.5
27252	68111	ZINC	3	609.6	1101.7
27254	68111	ZINC	4	546.0	872.1
27255	68111	ZINC	3	153.9	176.8
27256	68111	ZINC	4	427.5	669.2
27258	68111	ZINC	5	118.5	153.7
27259	68111	ZINC	4	211.7	242.1
27260	68111	ZINC	4	144.3	164.8
27262	68111	ZINC	4	167.6	268.8
27264	68111	ZINC	4	223.7	322.0
27265	68111	ZINC	4	239.3	346.1
27266	68111	ZINC	4	181.7	307.5
27268	68111	ZINC	4	194.1	220.6
27269	68111	ZINC	4	434.3	854.0
27270	68111	ZINC	4	178.6	240.3
27272	68111	ZINC	4	386.3	474.8
27273	68111	ZINC	4	300.2	408.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27274	68111	ZINC	4	340.6	493.7
27275	68111	ZINC	4	340.4	420.3
27276	68111	ZINC	4	331.7	583.9
27277	68111	ZINC	4	219.6	272.2
27278	68111	ZINC	5	311.5	656.0
27280	68111	ZINC	4	120.3	154.4
27283	68111	ZINC	4	129.3	213.1
27286	68111	ZINC	4	124.5	139.6
27288	68111	ZINC	4	344.9	391.6
27289	68111	ZINC	4	191.4	207.0
27292	68111	ZINC	3	236.3	276.9
27293	68111	ZINC	4	302.9	403.7
27297	68111	ZINC	4	126.0	142.3
27298	68111	ZINC	4	218.0	277.8
27299	68111	ZINC	4	108.6	135.9
27300	68111	ZINC	4	189.7	224.2
27302	68111	ZINC	3	122.1	125.0
27303	68111	ZINC	2	168.8	177.4
27305	68111	ZINC	4	247.1	331.7
27306	68111	ZINC	4	191.7	285.5
27307	68111	ZINC	4	238.0	266.5
27308	68111	ZINC	3	145.2	158.1
27310	68111	ZINC	4	250.6	361.3
27312	68111	ZINC	4	268.7	386.1
27315	68111	ZINC	4	712.9	931.7
27316	68111	ZINC	4	198.9	293.8
27317	68111	ZINC	4	500.5	798.2
27318	68111	ZINC	4	1460.9	1958.4
27322	68111	ZINC	4	84.6	99.6
27323	68111	ZINC	4	108.0	137.8
27324	68111	ZINC	5	579.3	1180.0
27325	68111	ZINC	4	199.0	261.5
27326	68111	ZINC	4	124.4	145.8
27328	68111	ZINC	4	153.2	190.6
27329	68111	ZINC	4	115.7	258.1
27334	68111	ZINC	4	339.8	502.7
27335	68111	ZINC	4	179.1	228.1
27336	68111	ZINC	4	229.3	281.1
27337	68111	ZINC	4	254.1	289.2
27338	68111	ZINC	4	261.6	284.2
27340	68111	ZINC	4	160.2	255.3
27341	68111	ZINC	4	227.7	272.7
27342	68111	ZINC	5	197.2	460.5
27344	68111	ZINC	4	244.1	295.2
27345	68111	ZINC	3	160.3	177.9
27346	68111	ZINC	4	161.8	261.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27347	68111	ZINC	4	222.8	300.9
27349	68111	ZINC	4	303.7	473.0
27351	68111	ZINC	4	273.2	345.6
27353	68111	ZINC	3	87.2	98.6
27354	68111	ZINC	4	240.4	309.3
27355	68111	ZINC	4	318.0	515.0
27356	68111	ZINC	4	198.5	263.3
27357	68111	ZINC	4	292.0	363.0
27358	68111	ZINC	4	699.3	1123.7
27359	68111	ZINC	3	150.6	178.8
27360	68111	ZINC	4	305.2	399.8
27362	68111	ZINC	5	110.6	164.5
27363	68111	ZINC	4	137.9	214.8
27364	68111	ZINC	4	253.7	459.1
27366	68111	ZINC	4	166.9	224.0
27368	68111	ZINC	4	190.1	425.0
27369	68111	ZINC	4	254.1	397.5
27371	68111	ZINC	4	176.5	214.9
27375	68111	ZINC	4	338.7	499.5
27376	68111	ZINC	4	231.6	331.7
27377	68111	ZINC	3	131.8	143.8
27379	68111	ZINC	4	113.8	132.8
27380	68111	ZINC	4	142.7	172.1
27383	68111	ZINC	4	115.6	128.2
27384	68111	ZINC	5	119.0	165.8
27385	68111	ZINC	4	212.4	320.4
27387	68111	ZINC	4	43.0	49.3
27388	68111	ZINC	4	140.8	200.0
27390	68111	ZINC	4	175.4	234.8
27394	68111	ZINC	4	73.4	98.2
27396	68111	ZINC	4	187.0	239.5
27397	68111	ZINC	4	262.2	323.4
27398	68111	ZINC	4	293.4	454.9
27399	68111	ZINC	4	174.9	183.5
27402	68111	ZINC	4	216.1	377.0
27403	68111	ZINC	4	213.1	325.9
27408	68111	ZINC	4	98.8	122.0
27409	68111	ZINC	5	135.1	176.3
27410	68111	ZINC	4	312.5	406.7
27411	68111	ZINC	3	118.6	155.1
27412	68111	ZINC	4	236.8	315.1
27413	68111	ZINC	4	300.1	362.9
27414	68111	ZINC	4	134.1	214.9
27415	68111	ZINC	4	328.5	504.8
27416	68111	ZINC	4	273.7	352.0
27418	68111	ZINC	4	234.3	323.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27419	68111	ZINC	4	299.2	385.0
27422	68111	ZINC	4	210.6	447.5
27423	68111	ZINC	4	276.8	400.7
27424	68111	ZINC	4	165.0	282.0
27425	68111	ZINC	4	141.9	237.0
27426	68111	ZINC	4	119.3	137.8
27428	68111	ZINC	4	147.6	249.7
27429	68111	ZINC	3	162.4	188.6
27432	68111	ZINC	4	279.5	460.9
27433	68111	ZINC	4	314.5	485.8
27434	68111	ZINC	4	385.5	562.7
27440	68111	ZINC	4	145.2	191.7
27441	68111	ZINC	4	519.8	887.2
27442	68111	ZINC	4	342.8	444.6
27443	68111	ZINC	3	173.7	224.8
27444	68111	ZINC	4	145.3	174.7
27445	68111	ZINC	4	194.7	219.8
27446	68111	ZINC	4	323.4	468.0
27447	68111	ZINC	4	186.9	209.3
27448	68111	ZINC	4	134.0	189.6
27449	68111	ZINC	3	370.0	563.6
27450	68111	ZINC	4	123.3	151.0
27451	68111	ZINC	4	147.7	171.0
27452	68111	ZINC	5	280.7	375.5
27453	68111	ZINC	4	138.2	170.3
27454	68111	ZINC	4	114.9	161.9
27456	68111	ZINC	4	38.0	38.9
27457	68111	ZINC	4	724.4	1578.4
27458	68111	ZINC	4	196.0	263.5
27459	68111	ZINC	4	336.8	457.4
27460	68111	ZINC	4	492.9	636.6
27461	68111	ZINC	5	158.2	194.8
27462	68111	ZINC	4	141.7	160.8
27463	68111	ZINC	4	123.3	150.3
27465	68111	ZINC	4	314.9	639.2
27466	68111	ZINC	4	138.7	165.3
27467	68111	ZINC	4	136.0	233.9
27470	68111	ZINC	4	111.7	122.9
27472	68111	ZINC	2	130.8	131.1
27474	68111	ZINC	4	169.2	198.2
27475	68111	ZINC	4	208.0	362.0
27478	68111	ZINC	4	124.0	161.3
27479	68111	ZINC	4	155.8	271.4
27480	68111	ZINC	4	264.1	340.3
27481	68111	ZINC	4	234.3	348.6
27485	68111	ZINC	4	261.5	459.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27488	68111	ZINC	4	162.9	200.2
27489	68111	ZINC	4	427.2	543.1
27490	68111	ZINC	4	261.8	410.5
27492	68111	ZINC	4	124.5	133.4
27495	68111	ZINC	4	162.7	193.2
27496	68111	ZINC	4	135.4	308.9
27497	68111	ZINC	4	183.8	383.9
27499	68111	ZINC	4	48.8	72.8
27500	68111	ZINC	4	217.7	486.9
27502	68111	ZINC	4	145.4	216.0
27503	68111	ZINC	4	174.8	287.9
27505	68111	ZINC	4	136.3	159.2
27508	68111	ZINC	4	212.5	313.7
27509	68111	ZINC	3	210.2	346.2
27510	68111	ZINC	4	138.2	150.1
27511	68111	ZINC	4	153.2	238.5
27512	68111	ZINC	4	327.0	435.6
27513	68111	ZINC	4	53.5	90.8
27514	68111	ZINC	4	98.6	106.3
27515	68111	ZINC	4	122.5	139.3
27516	68111	ZINC	4	134.4	177.5
27517	68111	ZINC	4	134.8	246.2
27519	68111	ZINC	4	244.0	430.9
27520	68111	ZINC	4	146.1	209.7
27523	68111	ZINC	4	247.9	393.8
27524	68111	ZINC	4	151.8	275.7
27525	68111	ZINC	4	194.2	218.0
27528	68111	ZINC	4	203.2	252.9
27529	68111	ZINC	4	142.4	184.0
27531	68111	ZINC	4	183.3	283.1
27533	68111	ZINC	4	209.9	334.7
27535	68111	ZINC	4	101.4	150.3
27538	68111	ZINC	4	145.0	174.0
27540	68111	ZINC	3	238.6	397.6
27542	68111	ZINC	4	173.6	209.0
27543	68111	ZINC	4	174.5	295.7
27544	68111	ZINC	4	282.6	459.9
27545	68111	ZINC	4	219.1	271.2
27546	68111	ZINC	4	111.3	166.3
27548	68111	ZINC	4	99.2	147.5
27549	68111	ZINC	4	398.4	578.1
27551	68111	ZINC	4	68.4	107.6
27553	68111	ZINC	4	261.5	430.6
27556	68111	ZINC	4	163.9	204.7
27558	68111	ZINC	4	258.4	415.7
27561	68111	ZINC	4	128.7	189.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27562	68111	ZINC	4	398.8	836.5
27564	68111	ZINC	3	279.9	344.3
27565	68111	ZINC	4	341.7	536.8
27566	68111	ZINC	4	297.8	380.8
27567	68111	ZINC	4	120.9	165.0
27568	68111	ZINC	5	410.4	621.7
27569	68111	ZINC	4	231.1	288.7
27574	68111	ZINC	4	276.6	318.3
27576	68111	ZINC	4	329.2	489.2
27578	68111	ZINC	5	314.5	707.3
27579	68111	ZINC	4	324.2	502.4
27580	68111	ZINC	4	266.4	415.5
27581	68111	ZINC	5	146.8	199.6
27582	68111	ZINC	3	306.0	323.6
27584	68111	ZINC	3	264.2	491.6
27585	68111	ZINC	4	208.9	264.8
27587	68111	ZINC	4	172.5	198.4
27590	68111	ZINC	4	225.7	364.3
27591	68111	ZINC	3	522.7	1040.0
27593	68111	ZINC	4	106.4	133.6
27594	68111	ZINC	4	215.0	310.5
27596	68111	ZINC	4	163.9	211.4
27597	68111	ZINC	4	276.6	299.8
27598	68111	ZINC	4	168.4	178.1
27599	68111	ZINC	4	285.9	330.5
27600	68111	ZINC	4	241.9	313.0
27601	68111	ZINC	4	176.0	244.6
27604	68111	ZINC	3	151.2	205.1
27606	68111	ZINC	4	174.0	254.7
27607	68111	ZINC	4	205.7	288.0
27608	68111	ZINC	4	268.1	344.6
27609	68111	ZINC	4	118.7	148.5
27611	68111	ZINC	4	140.0	181.1
27612	68111	ZINC	4	260.3	347.7
27614	68111	ZINC	4	161.3	217.0
27617	68111	ZINC	4	273.9	806.2
27618	68111	ZINC	4	143.9	170.5
27619	68111	ZINC	4	356.7	1000.9
27620	68111	ZINC	4	132.0	241.1
27622	68111	ZINC	4	425.3	990.4
27625	68111	ZINC	4	239.4	301.0
27626	68111	ZINC	5	510.7	883.1
27629	68111	ZINC	4	132.1	217.5
27630	68111	ZINC	4	355.8	662.5
27632	68111	ZINC	4	325.2	490.9
27633	68111	ZINC	4	131.6	174.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27636	68111	ZINC	4	194.1	261.3
27638	68111	ZINC	4	92.6	118.4
27641	68111	ZINC	4	160.9	209.4
27642	68111	ZINC	4	232.4	306.9
27645	68111	ZINC	4	248.1	508.0
27647	68111	ZINC	4	132.0	165.6
27657	68111	ZINC	4	137.4	145.6
27658	68111	ZINC	4	153.2	192.6
27659	68111	ZINC	4	185.6	283.8
27662	68111	ZINC	4	263.1	327.4
27663	68111	ZINC	4	187.4	236.8
27665	68111	ZINC	4	140.6	210.6
27668	68111	ZINC	4	252.5	403.7
27669	68111	ZINC	4	293.2	556.3
27670	68111	ZINC	4	171.1	242.5
27671	68111	ZINC	4	830.6	1958.7
27672	68111	ZINC	4	93.3	101.2
27673	68111	ZINC	4	139.5	199.9
27674	68111	ZINC	4	184.2	213.3
27675	68111	ZINC	4	121.4	130.5
27676	68111	ZINC	4	177.2	217.9
27677	68111	ZINC	4	144.9	173.4
27678	68111	ZINC	4	129.7	152.5
27679	68111	ZINC	4	106.2	149.4
27681	68111	ZINC	4	276.9	471.6
27682	68111	ZINC	4	121.0	153.6
27684	68111	ZINC	4	92.2	126.4
27685	68111	ZINC	4	189.0	273.4
27686	68111	ZINC	4	140.1	162.1
27687	68111	ZINC	4	229.3	499.9
27688	68111	ZINC	4	709.6	1175.2
27689	68111	ZINC	4	123.5	151.8
27694	68111	ZINC	4	235.9	286.4
27698	68111	ZINC	4	361.5	617.2
27699	68111	ZINC	4	558.8	1138.5
27700	68111	ZINC	4	124.5	160.1
27701	68111	ZINC	4	410.7	759.8
27702	68111	ZINC	4	162.2	198.1
27705	68111	ZINC	4	384.1	777.5
27706	68111	ZINC	4	225.1	361.6
27707	68111	ZINC	4	328.1	545.4
27708	68111	ZINC	4	264.6	312.4
27710	68111	ZINC	4	380.0	523.6
27711	68111	ZINC	3	205.9	266.3
27713	68111	ZINC	4	339.4	445.2
27716	68111	ZINC	4	562.9	720.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27718	68111	ZINC	4	192.3	237.0
27719	68111	ZINC	4	379.4	555.2
27721	68111	ZINC	4	193.7	267.0
27723	68111	ZINC	5	96.2	190.4
27724	68111	ZINC	2	466.5	483.5
27725	68111	ZINC	4	179.4	233.0
27726	68111	ZINC	2	427.9	467.0
27728	68111	ZINC	4	194.1	213.6
27729	68111	ZINC	4	264.6	436.7
27731	68111	ZINC	4	147.5	218.3
27732	68111	ZINC	4	132.2	171.1
27733	68111	ZINC	4	450.0	755.3
27734	68111	ZINC	4	104.2	120.2
27736	68111	ZINC	4	291.5	438.2
27738	68111	ZINC	4	208.7	254.1
27739	68111	ZINC	4	146.7	198.0
27740	68111	ZINC	4	233.9	336.5
27742	68111	ZINC	4	265.8	373.0
27744	68111	ZINC	4	256.3	316.8
27745	68111	ZINC	4	232.7	347.3
27746	68111	ZINC	3	191.2	295.1
27748	68111	ZINC	3	331.9	364.0
27750	68111	ZINC	4	91.0	132.1
27751	68111	ZINC	4	283.5	330.2
27754	68111	ZINC	4	125.0	138.3
27755	68111	ZINC	3	298.8	395.8
27758	68111	ZINC	4	316.4	471.6
27759	68111	ZINC	4	182.9	223.6
27762	68111	ZINC	4	250.1	285.6
27763	68111	ZINC	4	304.7	599.6
27764	68111	ZINC	4	183.2	320.0
27767	68111	ZINC	4	207.3	294.4
27768	68111	ZINC	4	101.2	110.0
27769	68111	ZINC	4	250.8	416.8
27770	68111	ZINC	4	160.9	269.3
27772	68111	ZINC	2	302.9	344.0
27773	68111	ZINC	4	268.1	321.7
27774	68111	ZINC	4	205.2	283.6
27775	68111	ZINC	3	458.5	559.0
27776	68111	ZINC	4	185.5	222.3
27777	68111	ZINC	4	169.3	205.5
27778	68111	ZINC	4	245.0	321.6
27779	68111	ZINC	4	133.5	258.2
27780	68111	ZINC	4	422.2	741.0
27782	68111	ZINC	4	300.3	360.7
27786	68111	ZINC	4	84.2	128.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27789	68111	ZINC	4	145.2	216.8
27792	68111	ZINC	4	237.5	365.6
27793	68111	ZINC	4	712.8	983.3
27794	68111	ZINC	4	240.7	559.7
27795	68111	ZINC	3	218.1	344.7
27798	68111	ZINC	4	127.6	143.9
27803	68111	ZINC	4	103.2	147.9
27805	68111	ZINC	4	312.1	398.2
27806	68111	ZINC	4	155.5	204.7
27807	68111	ZINC	4	210.9	233.1
27809	68111	ZINC	4	171.4	203.9
27810	68111	ZINC	3	282.1	547.7
27813	68111	ZINC	3	129.2	211.8
27817	68111	ZINC	4	355.9	500.3
27824	68111	ZINC	4	83.1	89.3
27827	68111	ZINC	4	151.0	193.8
27831	68111	ZINC	4	290.3	575.3
27834	68111	ZINC	4	91.5	115.6
27845	68111	ZINC	4	287.4	527.1
27846	68111	ZINC	4	349.1	491.3
27848	68111	ZINC	5	324.7	449.9
27850	68111	ZINC	4	343.9	512.8
27853	68111	ZINC	4	130.0	166.5
27854	68111	ZINC	4	235.1	294.0
27856	68111	ZINC	4	135.1	183.4
27857	68111	ZINC	5	224.4	269.2
27859	68111	ZINC	4	286.2	449.0
27861	68111	ZINC	4	236.5	315.9
27862	68111	ZINC	5	514.5	819.2
27863	68111	ZINC	4	322.2	425.6
27865	68111	ZINC	5	84.4	114.8
27866	68111	ZINC	4	174.7	197.0
27867	68111	ZINC	4	421.1	584.6
27869	68111	ZINC	4	86.1	101.6
27871	68111	ZINC	4	242.4	270.2
27872	68111	ZINC	4	186.5	220.7
27874	68111	ZINC	4	251.3	340.1
27875	68111	ZINC	4	284.1	427.9
27876	68111	ZINC	4	100.2	114.9
27878	68111	ZINC	4	74.2	135.6
27879	68111	ZINC	4	135.9	191.0
27882	68111	ZINC	4	245.5	335.8
27883	68111	ZINC	4	162.0	224.8
27885	68111	ZINC	4	275.4	364.8
27886	68111	ZINC	4	145.9	182.6
27887	68111	ZINC	4	222.2	278.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27888	68111	ZINC	4	139.8	193.9
27891	68111	ZINC	3	424.0	556.7
27892	68111	ZINC	5	170.7	250.6
27893	68111	ZINC	2	117.0	123.3
27895	68111	ZINC	4	572.2	770.7
27896	68111	ZINC	4	256.0	435.8
27897	68111	ZINC	4	127.1	140.5
27898	68111	ZINC	4	433.0	724.2
27899	68111	ZINC	4	280.7	347.0
27901	68111	ZINC	4	270.6	301.0
27902	68111	ZINC	4	91.3	144.2
27903	68111	ZINC	4	268.7	316.8
27904	68111	ZINC	4	97.6	122.5
27906	68111	ZINC	4	113.4	134.0
27908	68111	ZINC	4	119.1	144.0
27909	68111	ZINC	4	252.2	367.4
27910	68111	ZINC	4	157.9	301.3
27911	68111	ZINC	4	97.7	102.3
27912	68111	ZINC	4	469.7	824.6
27913	68111	ZINC	4	210.3	315.9
27915	68111	ZINC	4	111.4	123.2
27916	68111	ZINC	4	323.3	398.7
27918	68111	ZINC	4	387.7	548.9
27919	68111	ZINC	4	338.7	514.0
27920	68111	ZINC	4	108.5	125.3
27921	68111	ZINC	4	310.3	368.6
27922	68111	ZINC	4	195.5	238.4
27923	68111	ZINC	2	131.6	133.4
27924	68111	ZINC	4	126.0	146.9
27926	68111	ZINC	4	225.2	263.1
27929	68111	ZINC	4	296.8	344.0
27930	68111	ZINC	4	394.9	617.5
27931	68111	ZINC	4	200.3	207.5
27932	68111	ZINC	5	85.3	123.8
27938	68111	ZINC	2	219.5	267.0
27939	68111	ZINC	3	183.8	217.0
27940	68111	ZINC	3	441.8	815.1
27941	68111	ZINC	4	338.3	455.3
27942	68111	ZINC	4	148.3	172.6
27945	68111	ZINC	4	104.0	113.8
27946	68111	ZINC	4	144.5	172.5
27947	68111	ZINC	5	138.3	169.4
27948	68111	ZINC	4	121.6	142.3
27949	68111	ZINC	3	178.0	262.7
27950	68111	ZINC	4	230.3	262.8
27953	68111	ZINC	3	154.2	178.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
27954	68111	ZINC	4	211.5	262.4
27960	68111	ZINC	4	133.6	146.9
27962	68111	ZINC	4	328.8	595.0
27969	68111	ZINC	4	213.1	284.7
27982	68111	ZINC	4	198.4	285.6
27985	68111	ZINC	5	281.3	484.9
27987	68111	ZINC	4	223.9	450.2
27988	68111	ZINC	5	159.9	249.6
27991	68111	ZINC	4	81.3	88.9
27994	68111	ZINC	4	144.2	172.4
27996	68111	ZINC	4	290.8	384.7
27997	68111	ZINC	4	387.6	901.5
27998	68111	ZINC	4	237.1	357.0
28000	68111	ZINC	4	390.1	667.1
28002	68111	ZINC	5	321.6	449.3
28003	68111	ZINC	4	235.2	315.8
28004	68111	ZINC	4	352.4	442.0
28005	68111	ZINC	4	199.9	297.1
28007	68111	ZINC	4	152.3	212.7
28009	68111	ZINC	4	409.0	629.2
28010	68111	ZINC	4	265.3	589.0
28011	68111	ZINC	4	332.1	394.0
28014	68111	ZINC	4	162.3	198.5
28015	68111	ZINC	4	294.8	445.3
28016	68111	ZINC	4	236.2	326.9
28018	68111	ZINC	4	357.0	615.2
28019	68111	ZINC	4	167.9	180.0
28020	68111	ZINC	4	305.1	559.1
28022	68111	ZINC	4	102.1	119.1
28023	68111	ZINC	4	533.0	918.7
28024	68111	ZINC	4	191.0	229.8
28025	68111	ZINC	3	363.7	541.5
28026	68111	ZINC	5	217.2	331.8
28027	68111	ZINC	4	316.3	427.8
28028	68111	ZINC	4	211.5	377.4
28029	68111	ZINC	4	398.4	497.9
28032	68111	ZINC	4	93.5	98.5
28033	68111	ZINC	4	416.8	526.2
28034	68111	ZINC	3	175.0	202.5
28035	68111	ZINC	4	228.5	291.4
28036	68111	ZINC	4	216.6	279.6
28037	68111	ZINC	4	309.8	608.7
28038	68111	ZINC	4	95.0	113.6
28042	68111	ZINC	3	144.5	198.7
28043	68111	ZINC	4	115.8	120.0
28044	68111	ZINC	4	309.5	396.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28045	68111	ZINC	4	166.5	271.0
28046	68111	ZINC	4	169.9	206.3
28047	68111	ZINC	4	138.2	159.8
28048	68111	ZINC	4	245.4	274.0
28049	68111	ZINC	4	142.9	201.9
28050	68111	ZINC	4	350.4	503.1
28051	68111	ZINC	4	111.6	151.1
28054	68111	ZINC	4	242.8	470.7
28055	68111	ZINC	4	78.4	85.5
28056	68111	ZINC	4	272.7	356.8
28057	68111	ZINC	4	210.6	290.4
28058	68111	ZINC	4	126.7	154.0
28062	68111	ZINC	4	248.2	286.3
28063	68111	ZINC	4	291.1	474.0
28064	68111	ZINC	4	222.9	299.7
28065	68111	ZINC	5	536.1	758.5
28066	68111	ZINC	4	256.3	287.5
28069	68111	ZINC	4	162.3	187.4
28072	68111	ZINC	4	191.7	268.0
28076	68111	ZINC	4	306.4	380.2
28078	68111	ZINC	4	158.0	198.2
28079	68111	ZINC	4	116.0	123.6
28082	68111	ZINC	4	183.0	283.9
28083	68111	ZINC	4	506.8	1143.4
28094	68111	ZINC	4	141.2	210.4
28096	68111	ZINC	4	298.3	472.4
28097	68111	ZINC	4	300.7	501.0
28099	68111	ZINC	4	200.8	239.1
28100	68111	ZINC	4	171.7	213.8
28102	68111	ZINC	4	109.7	128.0
28103	68111	ZINC	4	204.0	255.9
28104	68111	ZINC	4	227.6	273.5
28105	68111	ZINC	4	199.0	255.0
28107	68111	ZINC	4	185.7	269.5
28108	68111	ZINC	4	173.3	265.2
28109	68111	ZINC	4	507.4	736.8
28110	68111	ZINC	5	308.0	591.7
28111	68111	ZINC	4	311.4	580.3
28112	68111	ZINC	4	93.2	124.6
28114	68111	ZINC	2	184.4	232.9
28119	68111	ZINC	4	163.1	207.1
28121	68111	ZINC	4	170.9	222.9
28122	68111	ZINC	4	275.3	462.1
28125	68111	ZINC	4	147.8	274.2
28126	68111	ZINC	4	168.1	220.6
28128	68111	ZINC	4	222.2	284.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28129	68111	ZINC	4	115.4	144.2
28131	68111	ZINC	4	524.8	1025.1
28133	68111	ZINC	4	163.4	226.6
28135	68111	ZINC	4	241.6	296.8
28138	68111	ZINC	5	456.9	1085.6
28139	68111	ZINC	4	103.6	116.3
28140	68111	ZINC	4	92.7	102.8
28141	68111	ZINC	4	201.9	329.6
28142	68111	ZINC	4	132.8	235.3
28143	68111	ZINC	4	474.5	789.4
28144	68111	ZINC	4	470.7	648.4
28146	68111	ZINC	4	158.6	204.5
28147	68111	ZINC	4	223.1	299.2
28148	68111	ZINC	3	141.8	151.6
28149	68111	ZINC	2	163.6	205.5
28153	68111	ZINC	4	132.4	185.1
28154	68111	ZINC	4	149.1	172.0
28156	68111	ZINC	3	174.4	222.7
28157	68111	ZINC	2	153.8	223.3
28159	68111	ZINC	4	92.7	112.5
28160	68111	ZINC	2	261.5	306.9
28162	68111	ZINC	2	188.5	202.8
28169	68111	ZINC	4	151.0	209.2
28170	68111	ZINC	4	301.6	413.6
28172	68111	ZINC	4	184.2	227.0
28174	68111	ZINC	4	162.1	194.8
28176	68111	ZINC	4	419.3	1014.1
28177	68111	ZINC	4	238.9	323.2
28179	68111	ZINC	4	108.5	114.6
28181	68111	ZINC	4	141.5	166.7
28182	68111	ZINC	4	236.4	317.6
28185	68111	ZINC	4	158.3	185.0
28186	68111	ZINC	3	104.7	132.5
28187	68111	ZINC	4	320.7	882.8
28188	68111	ZINC	4	186.1	412.4
28190	68111	ZINC	3	384.0	535.6
28191	68111	ZINC	4	307.2	349.5
28193	68111	ZINC	4	240.0	459.0
28196	68111	ZINC	4	216.8	270.9
28197	68111	ZINC	3	303.6	539.0
28202	68111	ZINC	4	834.0	1224.1
28204	68111	ZINC	4	298.9	595.7
28206	68111	ZINC	4	438.0	819.7
28212	68111	ZINC	4	247.7	344.1
28216	68111	ZINC	4	213.6	353.0
28217	68111	ZINC	4	132.2	189.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28218	68111	ZINC	4	258.9	614.7
28219	68111	ZINC	4	234.5	389.8
28220	68111	ZINC	4	378.1	530.3
28222	68111	ZINC	4	351.0	494.3
28223	68111	ZINC	4	200.6	313.1
28227	68111	ZINC	3	220.8	264.8
28228	68111	ZINC	4	223.9	372.9
28236	68111	ZINC	4	442.8	522.2
28237	68111	ZINC	5	241.6	315.8
28241	68111	ZINC	4	270.6	465.3
28247	68111	ZINC	2	208.2	232.4
28254	68111	ZINC	4	297.8	538.1
28269	68111	ZINC	4	199.9	251.3
28270	68111	ZINC	4	422.6	699.8
28272	68111	ZINC	4	194.9	236.0
28273	68111	ZINC	5	250.1	439.8
28277	68111	ZINC	4	213.9	235.7
28280	68111	ZINC	4	304.4	395.6
28281	68111	ZINC	4	280.9	394.6
28283	68111	ZINC	4	177.2	236.9
28284	68111	ZINC	4	154.7	179.9
28285	68111	ZINC	3	354.5	441.6
28286	68111	ZINC	4	185.9	204.2
28287	68111	ZINC	4	244.4	405.7
28288	68111	ZINC	4	163.4	181.1
28289	68111	ZINC	4	177.7	241.9
28291	68111	ZINC	4	237.0	288.8
28294	68111	ZINC	4	168.1	188.2
28295	68111	ZINC	4	392.1	745.0
28296	68111	ZINC	4	365.7	576.6
28297	68111	ZINC	4	152.8	198.7
28299	68111	ZINC	4	213.6	293.3
28300	68111	ZINC	4	228.5	539.6
28301	68111	ZINC	3	339.7	420.0
28302	68111	ZINC	2	114.6	119.3
28303	68111	ZINC	4	288.3	368.9
28305	68111	ZINC	2	137.0	138.2
28307	68111	ZINC	3	550.1	700.0
28308	68111	ZINC	4	267.2	313.3
28310	68111	ZINC	2	153.6	159.7
28311	68111	ZINC	2	190.5	210.6
28312	68111	ZINC	4	237.0	483.8
28313	68111	ZINC	4	215.1	360.1
28314	68111	ZINC	4	190.0	303.6
28315	68111	ZINC	2	152.2	190.8
28316	68111	ZINC	4	194.1	304.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28317	68111	ZINC	4	132.3	154.4
28318	68111	ZINC	4	256.5	380.5
28319	68111	ZINC	4	187.4	205.3
28320	68111	ZINC	4	131.9	159.7
28321	68111	ZINC	4	128.1	169.3
28322	68111	ZINC	3	158.4	174.1
28324	68111	ZINC	4	203.6	304.9
28327	68111	ZINC	4	185.1	234.8
28329	68111	ZINC	5	327.9	471.6
28330	68111	ZINC	3	186.8	253.9
28331	68111	ZINC	3	407.7	534.1
28333	68111	ZINC	4	249.5	312.3
28338	68111	ZINC	4	221.4	267.1
28344	68111	ZINC	4	157.4	195.7
28346	68111	ZINC	3	312.1	473.2
28348	68111	ZINC	4	350.9	608.1
28353	68111	ZINC	5	335.4	453.4
28356	68111	ZINC	4	225.7	277.5
28359	68111	ZINC	5	157.5	199.5
28361	68111	ZINC	4	260.9	385.9
28364	68111	ZINC	4	351.9	482.8
28366	68111	ZINC	2	163.4	185.9
28367	68111	ZINC	4	208.9	219.1
28368	68111	ZINC	4	157.3	181.7
28371	68111	ZINC	4	196.4	223.9
28372	68111	ZINC	4	190.0	228.0
28373	68111	ZINC	3	357.0	611.3
28375	68111	ZINC	5	265.5	320.0
28377	68111	ZINC	4	376.8	431.0
28379	68111	ZINC	4	325.3	385.1
28382	68111	ZINC	4	375.6	457.3
28383	68111	ZINC	4	248.4	387.6
28384	68111	ZINC	4	210.2	345.2
28385	68111	ZINC	4	194.9	247.9
28386	68111	ZINC	4	174.3	202.1
28389	68111	ZINC	4	259.0	320.6
28390	68111	ZINC	4	264.9	325.2
28395	68111	ZINC	4	87.2	103.0
28397	68111	ZINC	4	368.3	470.1
28398	68111	ZINC	4	190.5	347.5
28402	68111	ZINC	4	153.5	169.1
28406	68111	ZINC	4	105.4	149.2
28407	68111	ZINC	4	97.5	116.7
28408	68111	ZINC	4	408.1	513.9
28411	68111	ZINC	4	335.1	471.4
28412	68111	ZINC	4	142.3	169.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28413	68111	ZINC	4	215.3	306.1
28416	68111	ZINC	5	290.6	428.1
28417	68111	ZINC	4	288.0	370.0
28419	68111	ZINC	4	175.2	206.7
28420	68111	ZINC	4	256.8	370.5
28422	68111	ZINC	2	168.9	203.4
28423	68111	ZINC	4	156.8	282.9
28424	68111	ZINC	4	435.3	678.8
28426	68111	ZINC	4	188.8	349.3
28427	68111	ZINC	4	134.8	139.9
28429	68111	ZINC	4	151.1	179.2
28430	68111	ZINC	3	270.4	431.9
28432	68111	ZINC	4	152.8	270.1
28434	68111	ZINC	4	159.5	213.1
28435	68111	ZINC	4	235.4	304.0
28436	68111	ZINC	4	152.8	171.8
28437	68111	ZINC	4	143.3	262.4
28448	68111	ZINC	4	290.7	435.9
28457	68111	ZINC	3	202.5	225.9
28462	68111	ZINC	4	303.8	714.6
28466	68111	ZINC	4	504.4	1136.8
28467	68111	ZINC	4	323.7	622.5
28468	68111	ZINC	4	296.7	423.9
28469	68111	ZINC	4	359.2	598.6
28470	68111	ZINC	4	232.0	272.3
28471	68111	ZINC	4	288.2	346.2
28473	68111	ZINC	4	242.1	427.5
28475	68111	ZINC	3	184.9	240.9
28477	68111	ZINC	4	243.3	355.6
28479	68111	ZINC	4	132.6	166.8
28495	68111	ZINC	4	240.4	365.7
28497	68111	ZINC	4	144.3	159.2
28499	68111	ZINC	4	167.8	342.0
28500	68111	ZINC	4	153.0	224.5
28503	68111	ZINC	4	195.1	346.2
28504	68111	ZINC	2	280.2	363.0
28505	68111	ZINC	4	254.8	295.1
28506	68111	ZINC	4	162.0	270.5
28507	68111	ZINC	4	145.2	171.5
28508	68111	ZINC	4	372.8	588.4
28510	68111	ZINC	4	321.7	592.9
28512	68111	ZINC	4	280.3	350.1
28515	68111	ZINC	4	284.2	423.9
28517	68111	ZINC	4	186.7	216.4
28518	68111	ZINC	4	144.6	161.7
28519	68111	ZINC	4	167.0	216.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28521	68111	ZINC	4	296.2	352.6
28528	68111	ZINC	4	220.2	248.2
28529	68111	ZINC	4	241.1	340.8
28531	68111	ZINC	4	294.5	401.9
28533	68111	ZINC	5	185.9	252.9
28534	68111	ZINC	2	206.0	218.1
28535	68111	ZINC	4	252.8	520.8
28536	68111	ZINC	4	126.9	211.6
28537	68111	ZINC	4	307.5	451.9
28538	68111	ZINC	4	149.0	160.4
28539	68111	ZINC	4	235.7	686.6
28540	68111	ZINC	2	227.1	263.8
28541	68111	ZINC	2	138.4	138.9
28542	68111	ZINC	4	169.2	300.4
28543	68111	ZINC	4	166.1	210.3
28544	68111	ZINC	4	237.9	328.2
28547	68111	ZINC	4	104.5	144.4
28549	68111	ZINC	4	273.3	298.1
28551	68111	ZINC	4	98.7	103.3
28552	68111	ZINC	4	204.2	281.1
28553	68111	ZINC	4	217.6	399.7
28554	68111	ZINC	4	248.3	466.1
28555	68111	ZINC	4	119.1	172.9
28556	68111	ZINC	4	98.2	107.9
28557	68111	ZINC	4	103.0	126.3
28558	68111	ZINC	4	143.0	178.0
28559	68111	ZINC	3	141.5	153.8
28560	68111	ZINC	4	108.9	141.6
28561	68111	ZINC	4	116.8	133.2
28563	68111	ZINC	5	271.0	447.6
28565	68111	ZINC	4	205.3	272.9
28568	68111	ZINC	4	167.3	200.1
28569	68111	ZINC	4	238.7	348.7
28570	68111	ZINC	2	98.5	99.6
28571	68111	ZINC	4	179.0	218.9
28573	68111	ZINC	4	194.1	222.4
28575	68111	ZINC	4	167.4	266.0
28581	68111	ZINC	4	103.8	123.4
28583	68111	ZINC	4	432.2	498.8
28586	68111	ZINC	4	193.4	226.7
28587	68111	ZINC	4	290.4	362.4
28589	68111	ZINC	4	160.3	194.8
28594	68111	ZINC	4	297.9	467.4
28597	68111	ZINC	4	308.7	551.7
28598	68111	ZINC	4	153.1	177.5
28599	68111	ZINC	3	205.0	289.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28601	68111	ZINC	4	254.4	457.7
28602	68111	ZINC	4	154.2	182.0
28604	68111	ZINC	5	133.5	248.5
28606	68111	ZINC	4	305.2	658.2
28607	68111	ZINC	4	248.7	361.7
28608	68111	ZINC	4	276.2	414.2
28609	68111	ZINC	4	225.2	423.7
28610	68111	ZINC	4	224.2	251.9
28611	68111	ZINC	4	197.5	247.3
28612	68111	ZINC	4	436.5	669.8
28613	68111	ZINC	4	150.6	203.4
28614	68111	ZINC	4	243.7	274.2
28615	68111	ZINC	4	278.0	360.7
28616	68111	ZINC	3	220.8	281.6
28618	68111	ZINC	4	240.9	287.3
28621	68111	ZINC	4	150.3	216.7
28622	68111	ZINC	4	202.7	237.5
28623	68111	ZINC	4	288.2	417.0
28625	68111	ZINC	2	198.3	273.0
28626	68111	ZINC	4	225.1	399.8
28627	68111	ZINC	4	227.8	318.1
28628	68111	ZINC	4	198.9	235.3
28629	68111	ZINC	4	264.1	391.5
28630	68111	ZINC	4	340.0	509.7
28631	68111	ZINC	4	193.7	270.8
28632	68111	ZINC	4	195.5	346.6
28633	68111	ZINC	4	114.9	159.4
28634	68111	ZINC	4	185.2	214.2
28637	68111	ZINC	5	161.7	238.9
28638	68111	ZINC	4	151.7	190.2
28639	68111	ZINC	4	216.0	301.8
28640	68111	ZINC	4	108.5	130.7
28641	68111	ZINC	4	200.9	303.0
28648	68111	ZINC	5	276.7	548.3
28650	68111	ZINC	4	339.1	575.1
28653	68111	ZINC	4	173.1	192.7
28655	68111	ZINC	4	208.5	344.1
28656	68111	ZINC	5	168.6	207.5
28659	68111	ZINC	4	125.8	144.9
28661	68111	ZINC	4	176.5	215.0
28665	68111	ZINC	4	209.7	212.6
28668	68111	ZINC	4	175.6	228.8
28671	68111	ZINC	4	145.8	205.5
28675	68111	ZINC	4	211.1	285.7
28677	68111	ZINC	4	218.9	412.3
28679	68111	ZINC	4	144.8	169.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28685	68111	ZINC	5	213.3	273.2
28688	68111	ZINC	4	214.8	282.1
28690	68111	ZINC	4	119.1	127.5
28691	68111	ZINC	5	205.1	304.2
28692	68111	ZINC	4	133.0	208.4
28694	68111	ZINC	4	187.9	209.0
28709	68111	ZINC	4	300.4	405.0
28712	68111	ZINC	4	399.7	741.0
28713	68111	ZINC	4	179.0	200.0
28716	68111	ZINC	4	199.1	299.5
28720	68111	ZINC	4	407.3	800.0
28722	68111	ZINC	4	119.6	216.0
28723	68111	ZINC	4	308.5	463.7
28725	68111	ZINC	4	207.9	221.9
28728	68111	ZINC	4	121.4	144.0
28730	68111	ZINC	4	211.9	222.2
28732	68111	ZINC	4	210.5	228.7
28735	68111	ZINC	4	267.9	392.5
28736	68111	ZINC	4	182.6	269.4
28737	68111	ZINC	4	243.0	358.9
28739	68111	ZINC	3	176.3	198.4
28741	68111	ZINC	4	185.7	208.5
28744	68111	ZINC	4	164.9	191.3
28745	68111	ZINC	3	117.9	127.0
28746	68111	ZINC	4	165.1	205.6
28747	68111	ZINC	4	172.1	207.2
28748	68111	ZINC	4	142.2	164.0
28749	68111	ZINC	4	188.3	283.8
28750	68111	ZINC	4	229.0	295.2
28752	68111	ZINC	4	233.4	287.1
28753	68111	ZINC	4	212.3	254.4
28755	68111	ZINC	4	325.0	505.0
28757	68111	ZINC	5	257.4	422.6
28758	68111	ZINC	4	214.4	287.8
28759	68111	ZINC	2	98.9	103.6
28760	68111	ZINC	4	283.4	404.1
28762	68111	ZINC	4	196.8	257.9
28763	68111	ZINC	2	70.8	85.7
28764	68111	ZINC	4	182.1	267.2
28766	68111	ZINC	4	217.4	290.3
28767	68111	ZINC	4	146.3	159.2
28770	68111	ZINC	3	238.0	337.4
28772	68111	ZINC	5	130.8	226.8
28773	68111	ZINC	4	125.2	247.2
28775	68111	ZINC	4	159.2	184.3
28776	68111	ZINC	4	162.7	208.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28777	68111	ZINC	3	182.3	216.8
28778	68111	ZINC	4	173.4	207.5
28781	68111	ZINC	4	348.5	937.0
28782	68111	ZINC	4	216.6	277.5
28784	68111	ZINC	4	85.1	111.7
28785	68111	ZINC	5	217.3	357.6
28786	68111	ZINC	4	189.9	224.1
28787	68111	ZINC	4	257.2	534.8
28790	68111	ZINC	4	206.3	262.8
28792	68111	ZINC	4	157.7	227.4
28793	68111	ZINC	4	211.2	251.6
28796	68111	ZINC	4	192.2	368.8
28798	68111	ZINC	4	282.5	360.3
28799	68111	ZINC	4	252.2	364.1
28800	68111	ZINC	4	175.1	238.7
28804	68111	ZINC	4	191.0	384.5
28806	68111	ZINC	4	294.1	399.1
28809	68111	ZINC	4	170.6	284.4
28810	68111	ZINC	4	256.4	318.3
28811	68111	ZINC	4	205.2	292.6
28814	68111	ZINC	4	175.1	196.6
28816	68111	ZINC	4	130.3	155.0
28818	68111	ZINC	4	179.8	266.1
28819	68111	ZINC	4	205.9	239.0
28821	68111	ZINC	4	113.5	129.2
28822	68111	ZINC	2	149.6	191.5
28825	68111	ZINC	4	176.4	254.6
28826	68111	ZINC	3	218.3	253.0
28829	68111	ZINC	4	245.8	344.1
28831	68111	ZINC	4	276.2	381.6
28834	68111	ZINC	4	169.3	198.0
28835	68111	ZINC	5	255.9	325.1
28836	68111	ZINC	5	203.5	319.0
28837	68111	ZINC	5	160.7	191.2
28840	68111	ZINC	4	124.8	147.1
28841	68111	ZINC	4	326.2	418.0
28842	68111	ZINC	4	204.2	248.7
28843	68111	ZINC	4	242.8	304.2
28844	68111	ZINC	4	179.2	207.9
28846	68111	ZINC	4	243.3	388.0
28847	68111	ZINC	4	176.3	241.1
28849	68111	ZINC	4	73.3	94.9
28853	68111	ZINC	4	143.5	191.4
28854	68111	ZINC	4	129.7	175.7
28856	68111	ZINC	4	253.9	309.7
28858	68111	ZINC	4	92.8	109.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28864	68111	ZINC	4	173.9	218.8
28870	68111	ZINC	4	193.3	220.9
28871	68111	ZINC	4	217.6	315.1
28872	68111	ZINC	4	226.4	268.0
28874	68111	ZINC	4	163.5	198.0
28875	68111	ZINC	4	160.3	220.6
28877	68111	ZINC	4	201.7	417.1
28878	68111	ZINC	4	152.8	166.7
28880	68111	ZINC	4	147.1	200.5
28881	68111	ZINC	5	387.2	956.3
28882	68111	ZINC	4	186.4	244.0
28884	68111	ZINC	4	159.9	221.0
28885	68111	ZINC	4	145.3	175.0
28889	68111	ZINC	4	130.0	177.4
28892	68111	ZINC	4	309.1	419.9
28893	68111	ZINC	4	296.7	362.8
28895	68111	ZINC	4	142.8	167.1
28896	68111	ZINC	4	294.0	519.2
28900	68111	ZINC	4	198.7	315.6
28901	68111	ZINC	4	250.4	344.8
28904	68111	ZINC	4	251.6	285.2
28909	68111	ZINC	4	185.9	252.1
28911	68111	ZINC	4	181.7	234.8
28913	68111	ZINC	4	213.7	328.8
28914	68111	ZINC	2	220.1	231.6
28917	68111	ZINC	4	183.8	260.7
28920	68111	ZINC	4	237.0	344.3
28922	68111	ZINC	4	164.2	196.3
28927	68111	ZINC	4	253.2	366.0
28928	68111	ZINC	4	241.8	299.8
28930	68111	ZINC	4	162.5	217.9
28933	68111	ZINC	4	212.0	241.2
28935	68111	ZINC	4	170.3	234.1
28936	68111	ZINC	4	190.8	244.8
28939	68111	ZINC	2	236.2	262.4
28942	68111	ZINC	4	281.2	393.0
28943	68111	ZINC	4	224.0	330.9
28945	68111	ZINC	4	326.2	481.1
28946	68111	ZINC	4	296.4	522.1
28947	68111	ZINC	2	310.1	391.6
28949	68111	ZINC	4	478.3	666.2
28950	68111	ZINC	4	150.8	196.6
28951	68111	ZINC	4	137.0	215.7
28954	68111	ZINC	4	145.5	163.0
28955	68111	ZINC	4	237.5	448.4
28956	68111	ZINC	4	211.1	271.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
28957	68111	ZINC	4	214.5	313.6
28958	68111	ZINC	4	157.4	220.6
28959	68111	ZINC	5	293.4	586.0
28960	68111	ZINC	4	210.8	288.7
28961	68111	ZINC	4	137.8	201.9
28963	68111	ZINC	4	154.7	253.0
28964	68111	ZINC	4	186.7	222.1
28965	68111	ZINC	4	285.8	346.1
28966	68111	ZINC	4	214.5	361.3
28967	68111	ZINC	4	203.4	299.0
28968	68111	ZINC	3	136.7	154.5
28969	68111	ZINC	4	474.4	1510.7
28970	68111	ZINC	4	170.7	198.3
28972	68111	ZINC	4	223.4	354.7
28973	68111	ZINC	4	341.2	650.0
28976	68111	ZINC	4	262.5	331.7
28978	68111	ZINC	4	168.9	201.9
28979	68111	ZINC	4	151.6	228.6
28980	68111	ZINC	4	235.2	394.3
28983	68111	ZINC	4	126.6	151.1
28984	68111	ZINC	4	201.0	288.0
28985	68111	ZINC	4	126.8	143.8
28988	68111	ZINC	4	144.2	190.4
28989	68111	ZINC	2	155.0	159.7
28991	68111	ZINC	4	196.8	272.7
28992	68111	ZINC	4	156.5	219.0
28993	68111	ZINC	4	168.1	193.5
28994	68111	ZINC	4	168.3	222.3
28996	68111	ZINC	4	298.2	431.5
28997	68111	ZINC	4	153.4	157.3
28998	68111	ZINC	4	172.5	255.9
29001	68111	ZINC	5	264.0	358.6
29002	68111	ZINC	4	146.3	164.9
29003	68111	ZINC	4	181.5	191.9
29004	68111	ZINC	4	154.2	175.8
29008	68111	ZINC	4	241.7	434.8
29009	68111	ZINC	4	206.1	334.6
29013	68111	ZINC	3	168.7	189.4
29015	68111	ZINC	4	145.0	179.9
29017	68111	ZINC	4	190.8	244.6
29023	68111	ZINC	5	199.0	281.3
29025	68111	ZINC	4	146.2	240.0
29031	68111	ZINC	4	264.9	319.4
29033	68111	ZINC	4	274.4	410.2
29034	68111	ZINC	4	104.6	125.9
29035	68111	ZINC	5	320.7	481.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29036	68111	ZINC	4	92.8	110.7
29037	68111	ZINC	4	134.8	171.1
29039	68111	ZINC	4	198.7	319.8
29041	68111	ZINC	4	175.8	299.5
29046	68111	ZINC	4	125.3	158.5
29054	68111	ZINC	4	358.3	518.3
29056	68111	ZINC	4	172.2	192.7
29061	68111	ZINC	4	211.5	299.3
29066	68111	ZINC	4	331.4	444.4
29070	68111	ZINC	4	237.3	259.7
29071	68111	ZINC	4	287.9	514.0
29072	68111	ZINC	2	251.3	329.5
29074	68111	ZINC	4	471.9	743.1
29079	68111	ZINC	4	190.2	219.8
29080	68111	ZINC	4	179.9	246.1
29082	68111	ZINC	4	167.3	213.9
29083	68111	ZINC	5	218.7	276.8
29085	68111	ZINC	4	116.1	175.1
29088	68111	ZINC	4	175.4	211.6
29089	68111	ZINC	4	194.3	283.1
29090	68111	ZINC	4	410.2	795.0
29099	68111	ZINC	4	164.6	213.1
29101	68111	ZINC	4	382.0	487.7
29102	68111	ZINC	4	165.5	209.0
29103	68111	ZINC	4	300.8	566.7
29105	68111	ZINC	4	281.9	524.0
29108	68111	ZINC	5	97.5	162.2
29109	68111	ZINC	4	166.7	177.2
29111	68111	ZINC	4	155.7	226.9
29114	68111	ZINC	4	251.2	355.9
29116	68111	ZINC	4	279.4	635.3
29118	68111	ZINC	4	204.1	220.6
29119	68111	ZINC	4	176.0	298.4
29122	68111	ZINC	4	515.3	1325.8
29123	68111	ZINC	6	147.7	208.5
29127	68111	ZINC	4	317.5	394.4
29128	68111	ZINC	4	207.0	330.0
29133	68111	ZINC	4	292.2	534.5
29136	68111	ZINC	4	170.5	245.9
29138	68111	ZINC	4	173.7	310.7
29139	68111	ZINC	4	150.6	173.6
29140	68111	ZINC	4	283.8	455.1
29142	68111	ZINC	4	165.2	250.2
29143	68111	ZINC	4	118.7	136.9
29144	68111	ZINC	4	129.0	151.8
29145	68111	ZINC	4	141.2	156.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29146	68111	ZINC	4	177.2	229.3
29149	68111	ZINC	5	176.9	218.3
29150	68111	ZINC	4	242.2	332.7
29152	68111	ZINC	4	238.2	357.1
29153	68111	ZINC	5	329.4	466.2
29155	68111	ZINC	4	130.0	185.0
29157	68111	ZINC	4	164.5	209.9
29160	68111	ZINC	4	114.9	133.7
29162	68111	ZINC	3	288.4	437.5
29163	68111	ZINC	4	278.4	420.5
29165	68111	ZINC	4	363.9	663.8
29167	68111	ZINC	4	396.6	915.7
29168	68111	ZINC	4	110.6	141.3
29169	68111	ZINC	4	445.6	777.8
29171	68111	ZINC	4	128.4	168.2
29172	68111	ZINC	4	192.7	267.2
29173	68111	ZINC	4	140.4	176.7
29174	68111	ZINC	5	174.7	214.1
29175	68111	ZINC	5	143.3	255.8
29176	68111	ZINC	4	138.5	151.7
29177	68111	ZINC	4	317.0	556.1
29178	68111	ZINC	4	248.1	383.9
29179	68111	ZINC	4	111.8	126.3
29180	68111	ZINC	4	117.6	187.4
29181	68111	ZINC	4	416.3	638.0
29182	68111	ZINC	4	243.3	413.2
29183	68111	ZINC	4	170.3	215.1
29184	68111	ZINC	5	140.3	235.0
29185	68111	ZINC	4	416.7	580.2
29186	68111	ZINC	4	170.3	310.5
29187	68111	ZINC	4	129.4	156.0
29189	68111	ZINC	4	162.5	181.4
29190	68111	ZINC	4	389.0	792.4
29191	68111	ZINC	4	134.4	174.2
29195	68111	ZINC	4	134.5	149.2
29198	68111	ZINC	4	222.2	252.9
29200	68111	ZINC	4	640.5	1533.1
29201	68111	ZINC	5	151.6	236.1
29204	68111	ZINC	4	183.2	302.1
29205	68111	ZINC	3	771.2	1594.7
29206	68111	ZINC	4	214.6	307.2
29208	68111	ZINC	4	118.9	184.0
29209	68111	ZINC	4	213.3	272.9
29211	68111	ZINC	4	95.5	121.4
29214	68111	ZINC	4	354.1	485.0
29216	68111	ZINC	5	171.1	249.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29217	68111	ZINC	4	210.1	351.2
29219	68111	ZINC	4	117.0	188.3
29220	68111	ZINC	4	321.2	350.4
29221	68111	ZINC	4	374.5	603.9
29223	68111	ZINC	4	172.6	232.6
29239	68111	ZINC	4	147.1	252.6
29240	68111	ZINC	4	212.6	275.7
29241	68111	ZINC	4	240.0	314.8
29242	68111	ZINC	4	313.1	474.9
29243	68111	ZINC	4	115.9	130.5
29244	68111	ZINC	4	205.0	231.4
29245	68111	ZINC	4	310.6	542.7
29246	68111	ZINC	4	190.0	259.5
29247	68111	ZINC	4	129.3	153.5
29248	68111	ZINC	4	228.6	291.1
29250	68111	ZINC	4	175.6	268.6
29251	68111	ZINC	4	307.0	469.1
29252	68111	ZINC	4	185.1	249.0
29253	68111	ZINC	4	303.4	504.5
29254	68111	ZINC	4	137.0	168.4
29255	68111	ZINC	4	148.3	213.8
29258	68111	ZINC	2	185.5	253.8
29259	68111	ZINC	3	182.8	308.0
29261	68111	ZINC	4	162.8	192.1
29262	68111	ZINC	4	130.5	156.2
29263	68111	ZINC	4	170.2	205.4
29264	68111	ZINC	4	161.2	214.5
29265	68111	ZINC	4	160.8	185.1
29268	68111	ZINC	4	190.6	307.4
29270	68111	ZINC	5	203.8	280.7
29272	68111	ZINC	4	160.4	174.7
29274	68111	ZINC	4	186.6	317.6
29279	68111	ZINC	4	156.9	175.9
29280	68111	ZINC	3	211.3	312.4
29281	68111	ZINC	4	352.7	530.7
29285	68111	ZINC	4	182.2	232.6
29286	68111	ZINC	4	151.7	165.3
29291	68111	ZINC	4	174.5	259.7
29293	68111	ZINC	4	396.2	793.8
29294	68111	ZINC	4	135.1	171.6
29299	68111	ZINC	4	123.1	138.1
29300	68111	ZINC	4	147.2	169.3
29301	68111	ZINC	4	183.0	241.0
29302	68111	ZINC	4	273.0	339.0
29304	68111	ZINC	3	148.3	155.0
29306	68111	ZINC	4	151.9	176.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29308	68111	ZINC	4	229.0	290.4
29309	68111	ZINC	4	223.2	322.8
29311	68111	ZINC	5	309.4	451.9
29313	68111	ZINC	4	186.3	279.1
29314	68111	ZINC	4	327.2	661.6
29316	68111	ZINC	4	206.9	228.0
29317	68111	ZINC	4	309.0	383.1
29318	68111	ZINC	5	113.2	152.5
29321	68111	ZINC	4	219.5	340.1
29322	68111	ZINC	3	212.7	263.6
29325	68111	ZINC	4	198.9	328.5
29328	68111	ZINC	5	177.0	238.0
29331	68111	ZINC	4	174.1	242.5
29333	68111	ZINC	4	142.3	155.6
29334	68111	ZINC	4	129.0	150.1
29335	68111	ZINC	4	168.0	263.1
29336	68111	ZINC	4	155.5	190.7
29337	68111	ZINC	4	192.9	283.9
29339	68111	ZINC	5	227.8	348.5
29342	68111	ZINC	4	209.6	333.3
29343	68111	ZINC	4	225.2	286.4
29344	68111	ZINC	4	178.3	244.6
29349	68111	ZINC	4	268.6	292.7
29351	68111	ZINC	4	192.3	224.7
29354	68111	ZINC	4	199.2	304.2
29355	68111	ZINC	4	162.8	216.7
29357	68111	ZINC	5	165.5	187.5
29358	68111	ZINC	4	243.3	279.0
29362	68111	ZINC	4	249.4	281.1
29364	68111	ZINC	4	290.3	361.3
29366	68111	ZINC	4	111.9	132.2
29368	68111	ZINC	4	244.4	283.6
29370	68111	ZINC	5	89.6	134.7
29373	68111	ZINC	4	126.3	137.9
29375	68111	ZINC	2	125.1	155.3
29377	68111	ZINC	4	168.9	262.0
29378	68111	ZINC	4	98.4	114.8
29379	68111	ZINC	4	136.7	152.4
29380	68111	ZINC	4	244.8	334.5
29381	68111	ZINC	4	146.0	169.9
29383	68111	ZINC	4	121.4	147.9
29384	68111	ZINC	2	130.4	141.6
29385	68111	ZINC	4	244.8	301.9
29386	68111	ZINC	4	120.5	149.4
29391	68111	ZINC	4	187.8	223.9
29394	68111	ZINC	4	218.1	251.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29395	68111	ZINC	4	227.3	252.1
29396	68111	ZINC	4	170.7	187.0
29397	68111	ZINC	4	179.2	225.0
29400	68111	ZINC	2	343.8	394.3
29401	68111	ZINC	4	213.2	230.8
29402	68111	ZINC	3	303.8	350.2
29403	68111	ZINC	4	310.2	444.3
29404	68111	ZINC	3	137.1	222.5
29405	68111	ZINC	2	151.4	154.7
29406	68111	ZINC	4	289.2	476.4
29408	68111	ZINC	2	128.4	132.5
29409	68111	ZINC	4	108.7	121.5
29411	68111	ZINC	4	202.0	288.5
29413	68111	ZINC	4	128.9	175.8
29416	68111	ZINC	5	130.4	138.3
29417	68111	ZINC	3	130.4	144.8
29418	68111	ZINC	4	254.8	365.0
29419	68111	ZINC	4	442.5	1059.5
29420	68111	ZINC	5	168.7	233.6
29425	68111	ZINC	3	260.0	312.3
29428	68111	ZINC	4	133.4	140.5
29429	68111	ZINC	4	329.6	464.8
29430	68111	ZINC	4	157.5	185.3
29431	68111	ZINC	4	359.4	538.3
29432	68111	ZINC	4	167.1	261.7
29433	68111	ZINC	4	213.9	279.0
29434	68111	ZINC	4	180.6	257.3
29436	68111	ZINC	4	193.5	226.3
29438	68111	ZINC	4	316.0	628.9
29440	68111	ZINC	4	262.1	520.0
29441	68111	ZINC	4	325.2	826.7
29442	68111	ZINC	3	137.6	153.6
29444	68111	ZINC	3	113.7	125.5
29445	68111	ZINC	4	197.4	294.5
29446	68111	ZINC	4	212.4	261.4
29449	68111	ZINC	4	418.0	643.4
29450	68111	ZINC	4	76.3	127.1
29451	68111	ZINC	3	162.2	264.0
29454	68111	ZINC	4	158.7	208.1
29455	68111	ZINC	4	269.2	420.7
29456	68111	ZINC	4	188.2	332.5
29457	68111	ZINC	2	336.9	342.4
29459	68111	ZINC	4	341.0	571.2
29460	68111	ZINC	2	292.4	320.6
29461	68111	ZINC	4	410.4	849.3
29462	68111	ZINC	4	181.7	216.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29463	68111	ZINC	4	193.0	391.5
29464	68111	ZINC	4	288.1	383.6
29465	68111	ZINC	4	456.3	877.4
29466	68111	ZINC	4	333.0	459.5
29467	68111	ZINC	4	295.9	338.4
29469	68111	ZINC	4	258.1	494.0
29470	68111	ZINC	4	394.5	1086.1
29471	68111	ZINC	4	456.7	1004.8
29472	68111	ZINC	4	234.2	347.0
29475	68111	ZINC	4	257.4	350.8
29477	68111	ZINC	4	335.7	428.3
29479	68111	ZINC	4	178.0	204.8
29480	68111	ZINC	4	122.2	165.7
29483	68111	ZINC	4	237.4	438.5
29484	68111	ZINC	4	341.5	524.4
29487	68111	ZINC	4	267.6	316.9
29488	68111	ZINC	4	335.7	480.9
29489	68111	ZINC	4	160.6	202.5
29490	68111	ZINC	4	393.5	549.4
29491	68111	ZINC	4	292.0	397.0
29492	68111	ZINC	4	180.5	269.6
29495	68111	ZINC	4	318.4	668.4
29497	68111	ZINC	4	114.1	173.0
29498	68111	ZINC	4	168.5	229.2
29499	68111	ZINC	3	169.4	188.3
29501	68111	ZINC	5	455.9	832.5
29502	68111	ZINC	4	180.7	361.3
29504	68111	ZINC	4	183.4	223.6
29507	68111	ZINC	4	196.1	229.1
29512	68111	ZINC	3	228.7	246.9
29514	68111	ZINC	4	239.7	293.8
29517	68111	ZINC	4	434.5	719.6
29520	68111	ZINC	4	305.4	401.2
29523	68111	ZINC	4	246.6	297.3
29525	68111	ZINC	5	203.0	333.8
29526	68111	ZINC	4	366.1	442.0
29531	68111	ZINC	4	166.0	251.2
29535	68111	ZINC	3	256.0	317.8
29537	68111	ZINC	4	195.8	240.9
29540	68111	ZINC	4	253.5	449.3
29541	68111	ZINC	5	229.4	323.7
29543	68111	ZINC	4	227.7	265.7
29546	68111	ZINC	4	261.1	306.6
29547	68111	ZINC	4	254.2	351.1
29548	68111	ZINC	4	180.2	202.6
29551	68111	ZINC	4	312.5	658.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29552	68111	ZINC	4	234.7	369.2
29555	68111	ZINC	4	143.7	175.1
29556	68111	ZINC	4	276.0	375.5
29557	68111	ZINC	4	170.8	243.9
29558	68111	ZINC	3	209.1	267.9
29559	68111	ZINC	4	506.5	1145.7
29560	68111	ZINC	3	260.2	366.7
29561	68111	ZINC	4	127.0	166.3
29562	68111	ZINC	4	207.8	291.7
29563	68111	ZINC	4	211.3	225.0
29564	68111	ZINC	4	302.6	478.4
29565	68111	ZINC	4	312.5	397.6
29567	68111	ZINC	4	136.3	196.2
29568	68111	ZINC	5	170.9	236.8
29569	68111	ZINC	4	183.5	249.2
29570	68111	ZINC	3	64.1	85.0
29572	68111	ZINC	4	229.3	337.2
29574	68111	ZINC	4	182.7	282.9
29575	68111	ZINC	4	236.6	273.2
29576	68111	ZINC	4	316.4	593.4
29577	68111	ZINC	4	161.4	324.0
29578	68111	ZINC	4	218.7	373.7
29579	68111	ZINC	4	189.7	296.2
29580	68111	ZINC	5	347.4	681.9
29582	68111	ZINC	4	112.4	120.0
29583	68111	ZINC	4	302.9	460.6
29588	68111	ZINC	4	142.7	179.0
29589	68111	ZINC	4	539.0	726.5
29592	68111	ZINC	4	208.0	246.9
29594	68111	ZINC	4	112.2	122.8
29596	68111	ZINC	4	367.2	535.5
29597	68111	ZINC	3	370.2	625.3
29598	68111	ZINC	4	186.2	232.8
29600	68111	ZINC	5	208.9	305.0
29602	68111	ZINC	4	216.9	275.9
29604	68111	ZINC	5	225.8	484.2
29606	68111	ZINC	3	247.1	265.8
29607	68111	ZINC	4	248.4	317.9
29608	68111	ZINC	4	266.9	380.6
29612	68111	ZINC	4	327.4	443.1
29613	68111	ZINC	4	207.5	288.2
29615	68111	ZINC	4	175.9	189.4
29616	68111	ZINC	5	175.6	253.3
29617	68111	ZINC	4	193.0	264.2
29618	68111	ZINC	4	180.7	200.6
29620	68111	ZINC	4	424.6	787.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29622	68111	ZINC	4	251.0	358.3
29623	68111	ZINC	4	246.5	275.6
29624	68111	ZINC	4	344.8	485.6
29625	68111	ZINC	4	206.3	296.5
29626	68111	ZINC	5	194.9	231.8
29627	68111	ZINC	4	299.6	594.4
29630	68111	ZINC	4	174.8	209.7
29631	68111	ZINC	4	238.7	275.9
29632	68111	ZINC	4	180.6	378.8
29633	68111	ZINC	5	356.2	692.8
29638	68111	ZINC	4	266.2	369.8
29641	68111	ZINC	4	267.6	329.3
29643	68111	ZINC	3	277.2	349.2
29644	68111	ZINC	4	168.0	221.3
29646	68111	ZINC	4	135.0	162.6
29648	68111	ZINC	4	282.8	360.8
29649	68111	ZINC	3	389.0	514.7
29650	68111	ZINC	5	291.5	442.4
29652	68111	ZINC	4	156.0	191.3
29654	68111	ZINC	4	280.3	432.9
29655	68111	ZINC	4	220.3	411.0
29656	68111	ZINC	4	245.4	319.8
29658	68111	ZINC	4	291.6	349.1
29660	68111	ZINC	4	204.9	477.6
29661	68111	ZINC	4	198.7	258.1
29662	68111	ZINC	4	153.4	182.3
29664	68111	ZINC	4	340.1	543.4
29666	68111	ZINC	4	173.4	182.4
29667	68111	ZINC	4	86.4	95.6
29668	68111	ZINC	4	150.3	198.4
29670	68111	ZINC	4	115.3	130.9
29671	68111	ZINC	4	179.6	314.0
29672	68111	ZINC	4	237.9	339.2
29673	68111	ZINC	3	244.0	468.5
29675	68111	ZINC	5	216.1	269.2
29677	68111	ZINC	4	203.8	228.9
29678	68111	ZINC	4	223.7	433.6
29680	68111	ZINC	2	286.5	320.0
29682	68111	ZINC	5	201.2	364.5
29683	68111	ZINC	4	140.3	191.1
29684	68111	ZINC	4	295.7	336.0
29688	68111	ZINC	4	178.4	324.5
29689	68111	ZINC	4	235.9	386.2
29690	68111	ZINC	4	278.2	367.1
29694	68111	ZINC	4	190.7	223.5
29695	68111	ZINC	4	178.4	210.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29697	68111	ZINC	4	294.1	423.2
29699	68111	ZINC	4	246.8	337.8
29700	68111	ZINC	4	180.1	249.9
29703	68111	ZINC	4	249.7	339.8
29704	68111	ZINC	4	114.3	151.2
29705	68111	ZINC	5	169.8	216.3
29706	68111	ZINC	4	295.9	386.1
29707	68111	ZINC	4	244.9	408.2
29709	68111	ZINC	4	346.6	690.7
29710	68111	ZINC	4	254.8	393.2
29712	68111	ZINC	3	272.9	318.3
29713	68111	ZINC	4	378.3	532.1
29714	68111	ZINC	4	275.5	413.7
29715	68111	ZINC	5	134.5	329.7
29717	68111	ZINC	4	470.0	616.6
29720	68111	ZINC	4	227.6	279.4
29721	68111	ZINC	2	397.0	420.3
29722	68111	ZINC	4	424.5	707.4
29724	68111	ZINC	3	279.2	418.5
29727	68111	ZINC	4	331.9	426.5
29729	68111	ZINC	4	188.1	209.9
29735	68111	ZINC	3	181.2	207.2
29737	68111	ZINC	4	375.8	630.7
29739	68111	ZINC	4	117.2	135.9
29741	68111	ZINC	5	221.3	352.4
29755	68111	ZINC	4	275.8	409.3
29760	68111	ZINC	4	175.1	205.8
29764	68111	ZINC	5	243.9	447.8
29769	68111	ZINC	4	185.5	282.8
29770	68111	ZINC	4	271.4	393.4
29771	68111	ZINC	4	574.7	1206.2
29772	68111	ZINC	4	224.4	277.3
29775	68111	ZINC	4	196.0	208.7
29777	68111	ZINC	4	286.5	323.0
29779	68111	ZINC	3	431.7	519.6
29780	68111	ZINC	4	209.7	286.4
29781	68111	ZINC	4	192.6	209.7
29783	68111	ZINC	4	205.2	237.2
29784	68111	ZINC	4	136.8	215.5
29785	68111	ZINC	4	245.0	291.0
29787	68111	ZINC	4	165.8	184.3
29788	68111	ZINC	4	216.7	275.7
29790	68111	ZINC	4	204.3	316.2
29791	68111	ZINC	4	141.5	163.5
29792	68111	ZINC	4	250.9	329.5
29793	68111	ZINC	4	347.2	643.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29794	68111	ZINC	4	194.7	248.3
29797	68111	ZINC	4	320.7	439.6
29798	68111	ZINC	4	171.1	223.5
29800	68111	ZINC	4	162.1	241.2
29801	68111	ZINC	4	338.5	526.4
29803	68111	ZINC	4	117.9	150.4
29804	68111	ZINC	4	141.6	203.7
29806	68111	ZINC	4	112.6	145.6
29807	68111	ZINC	2	279.9	352.1
29808	68111	ZINC	4	197.7	294.1
29809	68111	ZINC	4	177.4	228.8
29811	68111	ZINC	4	166.3	201.9
29814	68111	ZINC	5	168.3	217.6
29815	68111	ZINC	4	240.1	294.9
29816	68111	ZINC	3	171.8	212.9
29817	68111	ZINC	4	388.2	702.3
29818	68111	ZINC	4	130.3	169.7
29819	68111	ZINC	4	172.5	195.5
29820	68111	ZINC	4	220.5	312.7
29821	68111	ZINC	4	194.3	306.9
29823	68111	ZINC	4	173.3	196.2
29824	68111	ZINC	4	160.6	179.6
29825	68111	ZINC	4	236.4	380.9
29826	68111	ZINC	4	282.4	342.2
29827	68111	ZINC	4	600.1	1214.4
29829	68111	ZINC	4	230.7	295.7
29831	68111	ZINC	4	284.4	335.9
29832	68111	ZINC	4	199.3	360.8
29835	68111	ZINC	4	178.7	247.8
29837	68111	ZINC	4	141.5	157.3
29839	68111	ZINC	4	138.0	150.4
29840	68111	ZINC	4	115.3	131.8
29842	68111	ZINC	6	105.5	238.0
29845	68111	ZINC	4	286.7	437.7
29848	68111	ZINC	4	158.7	197.4
29849	68111	ZINC	4	213.4	258.1
29851	68111	ZINC	3	420.5	737.7
29855	68111	ZINC	5	299.0	398.9
29857	68111	ZINC	4	154.0	167.3
29859	68111	ZINC	4	139.9	169.5
29860	68111	ZINC	3	181.8	194.5
29861	68111	ZINC	4	254.8	309.1
29864	68111	ZINC	4	230.9	320.4
29867	68111	ZINC	4	150.1	169.1
29871	68111	ZINC	4	129.4	142.9
29881	68111	ZINC	4	539.6	1422.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29889	68111	ZINC	5	379.6	652.0
29890	68111	ZINC	4	528.6	995.5
29891	68111	ZINC	4	228.9	259.9
29893	68111	ZINC	4	276.8	480.7
29895	68111	ZINC	4	401.7	863.4
29896	68111	ZINC	4	155.1	179.8
29897	68111	ZINC	4	355.0	875.4
29898	68111	ZINC	4	208.9	268.5
29904	68111	ZINC	4	286.9	422.6
29905	68111	ZINC	4	369.8	399.2
29907	68111	ZINC	3	287.3	451.0
29910	68111	ZINC	5	161.5	242.2
29912	68111	ZINC	4	160.1	181.0
29915	68111	ZINC	4	160.3	247.6
29918	68111	ZINC	4	267.7	407.9
29919	68111	ZINC	3	160.4	195.7
29922	68111	ZINC	4	134.9	152.3
29923	68111	ZINC	4	206.1	220.6
29926	68111	ZINC	4	208.8	275.8
29927	68111	ZINC	4	267.4	341.6
29928	68111	ZINC	4	114.7	163.4
29930	68111	ZINC	4	197.4	301.1
29932	68111	ZINC	5	225.6	399.4
29933	68111	ZINC	4	266.4	362.3
29935	68111	ZINC	4	216.8	371.9
29937	68111	ZINC	4	150.7	163.8
29940	68111	ZINC	3	240.9	265.2
29944	68111	ZINC	4	176.3	221.5
29945	68111	ZINC	4	109.4	131.3
29948	68111	ZINC	4	529.4	1197.5
29949	68111	ZINC	4	154.6	202.8
29953	68111	ZINC	4	248.8	301.9
29954	68111	ZINC	4	128.2	136.0
29956	68111	ZINC	4	344.9	470.8
29960	68111	ZINC	4	225.1	321.9
29961	68111	ZINC	4	179.1	243.7
29962	68111	ZINC	4	321.7	510.3
29963	68111	ZINC	4	230.7	313.3
29964	68111	ZINC	4	199.5	287.2
29965	68111	ZINC	3	168.1	171.6
29966	68111	ZINC	4	243.6	367.8
29967	68111	ZINC	6	238.5	311.4
29968	68111	ZINC	4	120.7	127.5
29969	68111	ZINC	4	184.0	296.4
29970	68111	ZINC	4	131.6	179.8
29973	68111	ZINC	2	154.0	157.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
29974	68111	ZINC	4	241.9	312.0
29975	68111	ZINC	4	237.1	331.9
29977	68111	ZINC	4	208.8	378.8
29978	68111	ZINC	4	183.2	245.7
29980	68111	ZINC	4	236.2	279.7
29981	68111	ZINC	4	202.6	252.3
29982	68111	ZINC	4	198.7	314.2
29983	68111	ZINC	4	182.7	194.6
29984	68111	ZINC	3	240.2	255.4
29986	68111	ZINC	4	210.5	334.5
29988	68111	ZINC	4	143.8	157.4
29990	68111	ZINC	2	235.1	328.1
29991	68111	ZINC	4	334.4	477.0
29992	68111	ZINC	4	150.6	261.1
29993	68111	ZINC	4	198.9	241.0
29994	68111	ZINC	3	164.9	179.6
29995	68111	ZINC	4	211.3	259.3
29996	68111	ZINC	4	205.4	326.8
29998	68111	ZINC	4	202.2	229.1
29999	68111	ZINC	4	433.9	621.5
30001	68111	ZINC	4	188.9	260.6
30002	68111	ZINC	4	270.6	299.3
30004	68111	ZINC	1	122.7	122.7
30005	68111	ZINC	4	245.0	319.7
30007	68111	ZINC	2	188.0	197.0
30008	68111	ZINC	2	324.4	349.1
30012	68111	ZINC	4	307.3	608.4
30014	68111	ZINC	3	160.1	211.7
30019	68111	ZINC	4	323.7	517.2
30021	68111	ZINC	2	154.5	173.3
30029	68111	ZINC	1	220.4	220.4
30032	68111	ZINC	4	375.2	634.8
30036	68111	ZINC	4	220.1	401.8
30039	68111	ZINC	4	354.8	607.2
30041	68111	ZINC	4	264.1	329.0
30042	68111	ZINC	4	307.0	531.1
30044	68111	ZINC	4	332.1	423.5
30045	68111	ZINC	3	248.4	337.4
30048	68111	ZINC	4	199.8	268.0
30050	68111	ZINC	4	208.8	283.0
30052	68111	ZINC	4	182.1	296.7
30054	68111	ZINC	4	111.0	129.0
30058	68111	ZINC	4	140.7	287.3
30060	68111	ZINC	4	184.0	198.2
30062	68111	ZINC	4	213.3	315.0
30063	68111	ZINC	3	258.7	422.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30065	68111	ZINC	4	382.4	501.4
30067	68111	ZINC	4	459.0	706.0
30068	68111	ZINC	4	298.7	526.9
30070	68111	ZINC	3	215.3	337.4
30071	68111	ZINC	4	235.7	428.6
30072	68111	ZINC	4	257.5	363.9
30074	68111	ZINC	4	305.1	463.6
30075	68111	ZINC	4	203.1	261.4
30076	68111	ZINC	4	165.0	192.1
30077	68111	ZINC	4	160.3	182.7
30078	68111	ZINC	4	260.8	384.0
30080	68111	ZINC	2	187.5	197.0
30081	68111	ZINC	4	171.2	226.0
30082	68111	ZINC	2	142.4	151.3
30083	68111	ZINC	4	146.8	173.9
30084	68111	ZINC	4	342.7	612.9
30085	68111	ZINC	2	237.5	294.6
30086	68111	ZINC	4	195.7	229.9
30087	68111	ZINC	4	80.9	121.3
30088	68111	ZINC	4	245.5	509.8
30089	68111	ZINC	4	320.1	394.6
30090	68111	ZINC	4	263.3	350.7
30091	68111	ZINC	4	176.5	212.5
30092	68111	ZINC	3	272.1	447.7
30094	68111	ZINC	4	147.6	166.3
30095	68111	ZINC	4	435.3	539.3
30109	68111	ZINC	4	171.3	264.9
30111	68111	ZINC	5	88.2	149.6
30115	68111	ZINC	4	211.9	280.4
30116	68111	ZINC	4	255.5	300.4
30117	68111	ZINC	4	135.7	182.7
30119	68111	ZINC	4	177.6	278.3
30120	68111	ZINC	3	228.6	353.4
30121	68111	ZINC	4	306.7	665.5
30122	68111	ZINC	4	334.1	731.4
30123	68111	ZINC	4	341.2	647.0
30128	68111	ZINC	4	301.1	442.4
30130	68111	ZINC	4	202.1	391.8
30131	68111	ZINC	4	224.6	370.1
30132	68111	ZINC	4	209.0	374.6
30133	68111	ZINC	4	317.0	547.7
30135	68111	ZINC	4	150.9	200.1
30136	68111	ZINC	4	210.4	304.5
30139	68111	ZINC	4	237.9	333.6
30141	68111	ZINC	3	206.6	248.6
30143	68111	ZINC	5	273.4	347.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30144	68111	ZINC	4	238.2	317.6
30145	68111	ZINC	5	259.0	365.7
30146	68111	ZINC	4	261.3	432.4
30147	68111	ZINC	3	150.7	168.6
30150	68111	ZINC	4	244.4	353.7
30153	68111	ZINC	4	138.0	143.5
30154	68111	ZINC	5	184.0	245.6
30155	68111	ZINC	4	161.2	227.7
30156	68111	ZINC	4	222.9	360.9
30158	68111	ZINC	4	142.9	180.7
30159	68111	ZINC	4	137.7	140.8
30161	68111	ZINC	4	190.7	225.5
30164	68111	ZINC	4	103.1	194.2
30166	68111	ZINC	4	119.1	211.9
30167	68111	ZINC	4	192.0	232.5
30168	68111	ZINC	4	93.8	122.0
30169	68111	ZINC	4	112.1	127.0
30171	68111	ZINC	4	123.0	141.4
30173	68111	ZINC	4	163.0	170.8
30174	68111	ZINC	4	149.1	178.0
30175	68111	ZINC	4	277.7	452.8
30176	68111	ZINC	3	298.6	346.5
30177	68111	ZINC	4	268.0	357.3
30179	68111	ZINC	4	215.6	250.9
30180	68111	ZINC	4	705.6	2337.0
30182	68111	ZINC	4	140.1	182.0
30184	68111	ZINC	4	231.0	333.6
30185	68111	ZINC	4	139.9	153.5
30187	68111	ZINC	4	241.8	401.5
30188	68111	ZINC	4	187.2	214.0
30190	68111	ZINC	4	169.2	186.4
30192	68111	ZINC	4	239.3	297.7
30195	68111	ZINC	4	191.1	261.9
30198	68111	ZINC	4	445.0	675.1
30201	68111	ZINC	4	257.2	339.0
30204	68111	ZINC	4	440.5	674.8
30208	68111	ZINC	4	183.0	226.5
30209	68111	ZINC	4	350.3	406.6
30211	68111	ZINC	4	557.9	1587.3
30212	68111	ZINC	4	195.1	232.8
30219	68111	ZINC	5	435.9	671.1
30220	68111	ZINC	5	274.5	326.5
30221	68111	ZINC	4	186.7	197.7
30222	68111	ZINC	5	171.2	222.0
30224	68111	ZINC	4	191.4	240.6
30225	68111	ZINC	5	366.1	734.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30226	68111	ZINC	4	271.5	365.8
30227	68111	ZINC	4	213.4	242.3
30230	68111	ZINC	4	421.9	950.1
30231	68111	ZINC	4	310.3	540.0
30233	68111	ZINC	2	195.4	244.5
30234	68111	ZINC	4	124.3	169.8
30235	68111	ZINC	4	195.2	244.5
30236	68111	ZINC	4	449.7	718.7
30237	68111	ZINC	5	175.2	238.8
30238	68111	ZINC	4	159.2	188.5
30239	68111	ZINC	4	247.7	362.3
30240	68111	ZINC	4	195.8	255.2
30241	68111	ZINC	4	209.0	297.8
30242	68111	ZINC	4	214.3	336.5
30243	68111	ZINC	4	261.9	312.5
30244	68111	ZINC	4	196.6	287.4
30246	68111	ZINC	5	284.4	348.7
30249	68111	ZINC	4	165.2	232.3
30251	68111	ZINC	5	135.5	191.3
30252	68111	ZINC	4	148.0	153.3
30253	68111	ZINC	4	355.9	687.3
30254	68111	ZINC	4	117.2	141.7
30256	68111	ZINC	4	161.2	174.7
30257	68111	ZINC	4	239.3	298.9
30258	68111	ZINC	3	178.4	218.0
30259	68111	ZINC	4	198.3	293.9
30261	68111	ZINC	4	237.5	324.7
30262	68111	ZINC	4	186.5	272.8
30267	68111	ZINC	3	263.6	320.4
30268	68111	ZINC	4	196.0	318.3
30272	68111	ZINC	4	124.1	135.2
30273	68111	ZINC	4	175.9	244.4
30274	68111	ZINC	4	156.8	178.7
30275	68111	ZINC	4	270.0	421.1
30276	68111	ZINC	4	302.6	393.6
30278	68111	ZINC	3	325.9	510.9
30282	68111	ZINC	4	165.7	178.0
30286	68111	ZINC	4	172.0	209.8
30289	68111	ZINC	4	169.0	315.8
30290	68111	ZINC	4	334.8	603.8
30292	68111	ZINC	4	200.6	398.6
30293	68111	ZINC	4	164.7	239.3
30295	68111	ZINC	4	125.3	179.7
30296	68111	ZINC	4	135.1	167.4
30297	68111	ZINC	4	301.3	463.6
30298	68111	ZINC	4	99.9	116.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30299	68111	ZINC	4	85.9	91.1
30300	68111	ZINC	3	388.0	428.8
30304	68111	ZINC	4	309.5	429.6
30312	68111	ZINC	4	255.4	290.1
30319	68111	ZINC	4	85.6	114.9
30320	68111	ZINC	4	245.5	337.2
30325	68111	ZINC	4	292.4	397.5
30329	68111	ZINC	4	270.5	412.7
30333	68111	ZINC	4	211.5	294.8
30338	68111	ZINC	4	128.6	192.1
30339	68111	ZINC	4	136.9	167.7
30345	68111	ZINC	4	262.2	659.2
30346	68111	ZINC	4	115.0	126.0
30347	68111	ZINC	4	129.2	163.3
30350	68111	ZINC	4	127.8	182.7
30354	68111	ZINC	4	192.8	225.3
30355	68111	ZINC	3	176.3	226.5
30358	68111	ZINC	3	178.3	182.1
30360	68111	ZINC	2	158.2	159.7
30361	68111	ZINC	4	166.6	185.6
30362	68111	ZINC	4	180.7	289.8
30366	68111	ZINC	4	159.7	229.0
30367	68111	ZINC	4	191.2	298.4
30374	68111	ZINC	4	217.6	350.0
30379	68111	ZINC	4	135.3	173.0
30382	68111	ZINC	4	109.9	114.5
30383	68111	ZINC	4	135.9	159.7
30384	68111	ZINC	4	257.0	481.4
30387	68111	ZINC	4	296.3	516.6
30391	68111	ZINC	4	195.4	364.2
30392	68111	ZINC	4	155.2	216.7
30396	68111	ZINC	5	202.0	393.1
30398	68111	ZINC	4	114.5	140.3
30399	68111	ZINC	4	173.9	216.7
30404	68111	ZINC	3	138.0	160.6
30406	68111	ZINC	4	145.0	156.6
30408	68111	ZINC	4	206.8	362.7
30412	68111	ZINC	4	154.2	191.3
30413	68111	ZINC	4	274.3	533.1
30415	68111	ZINC	4	106.0	114.3
30416	68111	ZINC	4	130.9	178.5
30417	68111	ZINC	4	330.9	401.3
30418	68111	ZINC	4	351.7	537.2
30419	68111	ZINC	3	486.8	570.2
30420	68111	ZINC	4	550.3	1010.0
30421	68111	ZINC	4	314.9	348.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30425	68111	ZINC	4	131.0	160.1
30426	68111	ZINC	4	145.9	182.8
30427	68111	ZINC	4	117.8	162.8
30430	68111	ZINC	4	132.9	166.0
30432	68111	ZINC	4	180.4	255.9
30434	68111	ZINC	4	410.7	936.8
30439	68111	ZINC	6	206.6	333.4
30441	68111	ZINC	4	303.7	425.2
30444	68111	ZINC	4	252.8	564.7
30445	68111	ZINC	4	131.8	169.3
30447	68111	ZINC	3	208.3	249.3
30448	68111	ZINC	3	190.6	253.8
30449	68111	ZINC	4	257.6	464.8
30450	68111	ZINC	4	272.8	336.7
30451	68111	ZINC	4	196.6	228.4
30452	68111	ZINC	4	131.7	145.2
30453	68111	ZINC	4	266.5	364.6
30454	68111	ZINC	4	229.6	296.7
30455	68111	ZINC	4	161.2	171.0
30456	68111	ZINC	4	148.7	203.6
30457	68111	ZINC	5	211.2	327.3
30458	68111	ZINC	4	135.4	145.8
30460	68111	ZINC	4	122.7	162.4
30461	68111	ZINC	4	125.5	132.6
30462	68111	ZINC	4	172.4	274.0
30464	68111	ZINC	4	152.9	193.4
30465	68111	ZINC	4	156.0	197.8
30468	68111	ZINC	3	131.3	201.2
30471	68111	ZINC	4	199.4	469.4
30474	68111	ZINC	4	122.9	149.4
30488	68111	ZINC	4	127.7	157.0
30490	68111	ZINC	3	246.8	338.4
30494	68111	ZINC	4	151.6	225.0
30496	68111	ZINC	4	169.5	268.4
30497	68111	ZINC	4	164.3	196.9
30501	68111	ZINC	4	112.4	191.6
30502	68111	ZINC	4	334.3	404.8
30503	68111	ZINC	4	260.6	341.6
30504	68111	ZINC	3	571.5	795.9
30505	68111	ZINC	2	294.4	438.5
30506	68111	ZINC	4	276.2	322.0
30507	68111	ZINC	4	214.0	329.0
30513	68111	ZINC	4	139.9	149.2
30514	68111	ZINC	4	183.9	219.3
30515	68111	ZINC	4	162.8	240.4
30517	68111	ZINC	4	246.6	393.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30521	68111	ZINC	4	229.1	408.4
30523	68111	ZINC	3	127.3	166.0
30525	68111	ZINC	4	241.5	324.0
30526	68111	ZINC	4	163.3	202.4
30528	68111	ZINC	4	270.4	491.1
30531	68111	ZINC	4	124.1	168.2
30534	68111	ZINC	4	159.9	169.6
30536	68111	ZINC	4	364.3	658.1
30539	68111	ZINC	4	208.0	318.9
30540	68111	ZINC	4	907.7	3084.6
30545	68111	ZINC	3	283.5	329.2
30547	68111	ZINC	4	359.3	566.5
30549	68111	ZINC	4	234.1	350.8
30550	68111	ZINC	4	129.3	136.4
30552	68111	ZINC	4	140.4	193.2
30557	68111	ZINC	4	128.3	188.3
30561	68111	ZINC	4	153.8	161.3
30562	68111	ZINC	3	156.4	170.8
30563	68111	ZINC	5	275.2	459.3
30564	68111	ZINC	4	117.3	125.4
30567	68111	ZINC	4	154.6	168.9
30569	68111	ZINC	4	204.1	371.9
30571	68111	ZINC	4	142.3	218.4
30572	68111	ZINC	4	219.2	328.0
30574	68111	ZINC	4	155.5	234.7
30577	68111	ZINC	4	167.9	175.2
30578	68111	ZINC	4	258.8	314.9
30580	68111	ZINC	4	174.8	194.3
30581	68111	ZINC	4	201.4	225.3
30586	68111	ZINC	4	156.7	179.6
30587	68111	ZINC	4	216.1	243.7
30589	68111	ZINC	4	181.4	228.8
30591	68111	ZINC	2	263.7	301.6
30595	68111	ZINC	4	319.7	426.2
30603	68111	ZINC	2	411.0	501.6
30605	68111	ZINC	4	224.7	242.3
30606	68111	ZINC	3	362.5	438.0
30608	68111	ZINC	4	269.7	407.4
30610	68111	ZINC	4	153.8	170.7
30612	68111	ZINC	4	114.1	144.0
30617	68111	ZINC	4	422.8	784.7
30621	68111	ZINC	4	162.3	194.4
30622	68111	ZINC	4	134.8	168.9
30623	68111	ZINC	4	209.5	286.8
30625	68111	ZINC	4	199.9	270.0
30627	68111	ZINC	4	379.9	801.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30628	68111	ZINC	4	137.3	164.8
30630	68111	ZINC	4	81.4	85.8
30635	68111	ZINC	4	191.7	230.6
30638	68111	ZINC	5	134.4	158.5
30639	68111	ZINC	4	122.2	142.0
30640	68111	ZINC	4	145.6	248.6
30641	68111	ZINC	4	283.7	639.6
30642	68111	ZINC	4	274.6	441.7
30643	68111	ZINC	4	177.8	202.6
30644	68111	ZINC	4	178.9	253.1
30645	68111	ZINC	3	317.7	373.9
30646	68111	ZINC	4	140.2	247.2
30647	68111	ZINC	5	216.3	345.2
30648	68111	ZINC	4	222.4	332.7
30649	68111	ZINC	4	435.6	896.4
30652	68111	ZINC	3	231.6	253.3
30656	68111	ZINC	4	181.4	237.3
30661	68111	ZINC	4	390.1	1242.7
30662	68111	ZINC	4	150.1	215.0
30664	68111	ZINC	4	372.9	568.7
30666	68111	ZINC	4	141.3	163.9
30667	68111	ZINC	4	229.0	300.0
30669	68111	ZINC	4	541.7	1322.3
30670	68111	ZINC	4	322.5	729.2
30672	68111	ZINC	4	130.1	138.9
30674	68111	ZINC	4	159.2	286.0
30677	68111	ZINC	4	147.8	218.3
30679	68111	ZINC	4	294.8	431.6
30683	68111	ZINC	4	190.7	242.8
30684	68111	ZINC	4	233.2	257.0
30685	68111	ZINC	4	200.4	538.3
30686	68111	ZINC	4	527.0	1217.2
30687	68111	ZINC	4	163.4	195.2
30690	68111	ZINC	4	153.2	187.5
30693	68111	ZINC	4	224.3	361.6
30694	68111	ZINC	4	187.4	211.9
30695	68111	ZINC	4	262.1	337.5
30697	68111	ZINC	4	186.9	250.2
30699	68111	ZINC	4	218.5	419.0
30700	68111	ZINC	4	189.3	370.6
30701	68111	ZINC	4	126.3	143.4
30703	68111	ZINC	4	165.6	195.8
30704	68111	ZINC	2	231.5	252.7
30707	68111	ZINC	3	208.2	279.9
30708	68111	ZINC	3	196.1	300.2
30709	68111	ZINC	4	266.2	332.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30713	68111	ZINC	4	193.4	313.1
30714	68111	ZINC	4	283.6	636.7
30716	68111	ZINC	4	210.4	281.8
30717	68111	ZINC	4	140.0	160.6
30718	68111	ZINC	4	268.7	300.8
30722	68111	ZINC	4	126.0	149.5
30723	68111	ZINC	4	250.5	314.8
30729	68111	ZINC	4	147.0	215.1
30731	68111	ZINC	4	137.9	181.9
30732	68111	ZINC	4	216.9	248.8
30737	68111	ZINC	4	149.8	182.3
30742	68111	ZINC	4	81.1	118.2
30743	68111	ZINC	4	163.0	172.5
30744	68111	ZINC	4	282.4	646.9
30745	68111	ZINC	4	264.9	390.7
30746	68111	ZINC	4	185.6	277.2
30747	68111	ZINC	4	246.5	348.4
30750	68111	ZINC	4	366.6	551.1
30751	68111	ZINC	4	156.4	175.2
30752	68111	ZINC	5	276.5	347.9
30754	68111	ZINC	5	145.0	183.2
30756	68111	ZINC	5	330.7	1065.7
30757	68111	ZINC	4	231.8	267.6
30761	68111	ZINC	5	186.6	254.5
30762	68111	ZINC	4	90.4	100.5
30764	68111	ZINC	4	190.8	232.5
30767	68111	ZINC	4	115.8	149.6
30768	68111	ZINC	4	130.5	182.1
30770	68111	ZINC	4	269.9	442.4
30772	68111	ZINC	4	242.7	348.6
30773	68111	ZINC	4	683.6	1886.1
30775	68111	ZINC	4	191.4	212.6
30777	68111	ZINC	4	185.2	291.6
30780	68111	ZINC	4	154.6	284.1
30781	68111	ZINC	4	136.0	161.9
30783	68111	ZINC	4	92.2	132.7
30790	68111	ZINC	4	99.7	146.2
30793	68111	ZINC	4	255.7	360.2
30795	68111	ZINC	4	112.9	148.7
30800	68111	ZINC	4	316.6	407.2
30802	68111	ZINC	4	136.9	155.6
30804	68111	ZINC	4	259.3	308.8
30805	68111	ZINC	4	128.1	191.1
30807	68111	ZINC	4	157.9	204.0
30808	68111	ZINC	4	205.9	224.1
30812	68111	ZINC	4	193.7	250.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30813	68111	ZINC	4	199.7	263.3
30814	68111	ZINC	4	167.1	183.6
30816	68111	ZINC	4	243.7	335.4
30817	68111	ZINC	4	150.6	177.0
30818	68111	ZINC	4	142.6	164.1
30819	68111	ZINC	4	147.0	193.3
30823	68111	ZINC	5	106.4	118.6
30824	68111	ZINC	4	194.4	381.4
30825	68111	ZINC	4	139.8	157.0
30826	68111	ZINC	4	258.0	597.2
30829	68111	ZINC	4	259.5	757.7
30830	68111	ZINC	3	182.7	212.2
30831	68111	ZINC	4	178.0	216.8
30833	68111	ZINC	4	150.7	197.0
30835	68111	ZINC	4	171.2	200.1
30836	68111	ZINC	4	124.2	140.1
30837	68111	ZINC	4	428.1	804.8
30838	68111	ZINC	3	248.5	263.8
30841	68111	ZINC	4	328.9	514.6
30843	68111	ZINC	4	146.9	164.5
30844	68111	ZINC	4	271.1	354.1
30848	68111	ZINC	4	265.1	577.7
30849	68111	ZINC	3	167.5	203.9
30856	68111	ZINC	4	139.4	177.2
30857	68111	ZINC	4	156.7	192.2
30859	68111	ZINC	4	218.3	231.3
30861	68111	ZINC	5	142.0	176.0
30863	68111	ZINC	4	142.9	181.4
30864	68111	ZINC	4	221.4	414.0
30868	68111	ZINC	4	111.0	175.7
30871	68111	ZINC	4	236.9	411.2
30873	68111	ZINC	4	138.9	187.6
30877	68111	ZINC	4	71.2	100.8
30881	68111	ZINC	4	121.5	156.9
30882	68111	ZINC	4	164.8	194.9
30884	68111	ZINC	4	161.0	184.1
30886	68111	ZINC	5	236.7	373.8
30887	68111	ZINC	4	373.3	665.3
30888	68111	ZINC	4	138.1	177.0
30889	68111	ZINC	4	268.1	281.3
30893	68111	ZINC	4	268.9	375.4
30897	68111	ZINC	4	182.2	261.8
30898	68111	ZINC	4	337.8	428.0
30899	68111	ZINC	4	340.9	486.7
30901	68111	ZINC	4	162.7	209.5
30902	68111	ZINC	4	208.0	376.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30903	68111	ZINC	4	329.2	381.8
30905	68111	ZINC	4	306.8	478.4
30906	68111	ZINC	4	98.6	160.5
30908	68111	ZINC	4	227.0	308.4
30909	68111	ZINC	4	146.0	225.7
30911	68111	ZINC	4	184.0	253.7
30912	68111	ZINC	4	588.2	1018.9
30913	68111	ZINC	4	114.4	153.3
30914	68111	ZINC	4	103.9	110.9
30916	68111	ZINC	4	209.2	318.1
30917	68111	ZINC	3	344.9	575.6
30918	68111	ZINC	5	135.9	150.7
30920	68111	ZINC	4	168.3	205.3
30922	68111	ZINC	4	297.3	352.3
30923	68111	ZINC	5	186.8	298.1
30926	68111	ZINC	4	154.4	214.0
30927	68111	ZINC	4	203.7	276.4
30928	68111	ZINC	4	226.7	270.6
30929	68111	ZINC	5	143.3	188.4
30931	68111	ZINC	5	124.1	137.8
30932	68111	ZINC	4	209.6	280.0
30933	68111	ZINC	6	262.0	358.0
30935	68111	ZINC	4	174.0	213.1
30937	68111	ZINC	4	234.6	308.4
30939	68111	ZINC	4	79.9	103.1
30941	68111	ZINC	4	261.4	485.5
30942	68111	ZINC	4	139.6	177.0
30943	68111	ZINC	4	166.9	299.3
30948	68111	ZINC	4	122.7	160.5
30949	68111	ZINC	5	247.0	445.2
30953	68111	ZINC	5	114.8	140.6
30955	68111	ZINC	4	163.0	204.6
30956	68111	ZINC	4	406.7	652.1
30959	68111	ZINC	4	160.0	260.3
30960	68111	ZINC	4	139.5	179.9
30962	68111	ZINC	4	143.1	163.0
30967	68111	ZINC	5	150.6	181.4
30968	68111	ZINC	1	224.1	224.1
30969	68111	ZINC	4	112.3	174.0
30970	68111	ZINC	4	187.1	243.2
30972	68111	ZINC	4	352.7	448.7
30973	68111	ZINC	4	246.6	383.7
30976	68111	ZINC	4	178.8	232.8
30978	68111	ZINC	4	123.2	177.9
30979	68111	ZINC	4	171.9	217.0
30981	68111	ZINC	4	276.9	484.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
30983	68111	ZINC	5	244.5	421.9
30984	68111	ZINC	4	339.7	386.3
30985	68111	ZINC	4	267.4	383.7
30988	68111	ZINC	4	225.7	255.7
30989	68111	ZINC	4	186.9	235.8
30990	68111	ZINC	4	221.7	352.6
30991	68111	ZINC	3	198.6	262.4
30995	68111	ZINC	4	130.6	166.3
30997	68111	ZINC	4	129.8	153.0
30999	68111	ZINC	4	176.1	250.5
31001	68111	ZINC	3	219.2	262.3
31003	68111	ZINC	4	147.5	179.8
31004	68111	ZINC	4	223.9	273.2
31007	68111	ZINC	4	127.7	152.7
31008	68111	ZINC	4	154.1	179.9
31009	68111	ZINC	4	113.0	124.1
31010	68111	ZINC	4	176.1	197.4
31011	68111	ZINC	4	237.4	429.9
31012	68111	ZINC	4	133.7	168.2
31014	68111	ZINC	3	299.7	456.3
31015	68111	ZINC	4	116.4	130.8
31016	68111	ZINC	4	111.4	163.4
31017	68111	ZINC	4	296.8	461.3
31019	68111	ZINC	4	151.2	174.3
31022	68111	ZINC	4	121.2	138.2
31026	68111	ZINC	4	86.8	109.3
31027	68111	ZINC	4	147.6	176.4
31029	68111	ZINC	4	210.1	273.1
31030	68111	ZINC	4	239.3	293.7
31031	68111	ZINC	4	228.8	278.3
31032	68111	ZINC	4	383.1	653.2
31034	68111	ZINC	3	293.2	367.0
31036	68111	ZINC	4	77.1	104.7
31037	68111	ZINC	4	202.8	256.5
31041	68111	ZINC	4	263.7	399.1
31042	68111	ZINC	4	174.4	221.5
31044	68111	ZINC	4	218.1	271.0
31045	68111	ZINC	4	110.2	126.5
31046	68111	ZINC	5	204.8	399.8
31051	68111	ZINC	4	106.1	152.5
31052	68111	ZINC	4	137.5	261.0
31054	68111	ZINC	4	112.7	145.0
31055	68111	ZINC	5	261.3	557.4
31056	68111	ZINC	4	398.8	694.0
31057	68111	ZINC	4	154.2	175.8
31058	68111	ZINC	4	185.2	269.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31061	68111	ZINC	4	195.2	297.4
31062	68111	ZINC	4	95.8	134.9
31065	68111	ZINC	4	116.7	128.9
31067	68111	ZINC	4	332.7	473.0
31071	68111	ZINC	4	185.0	241.0
31072	68111	ZINC	4	129.4	150.1
31074	68111	ZINC	3	131.3	152.0
31076	68111	ZINC	4	128.2	156.0
31078	68111	ZINC	4	92.0	106.7
31080	68111	ZINC	5	227.1	336.1
31081	68111	ZINC	4	269.6	316.8
31086	68111	ZINC	4	168.2	214.5
31088	68111	ZINC	4	219.1	339.2
31090	68111	ZINC	4	256.8	314.8
31093	68111	ZINC	4	157.2	164.5
31095	68111	ZINC	4	193.2	253.5
31099	68111	ZINC	4	120.4	138.9
31100	68111	ZINC	4	148.6	166.3
31101	68111	ZINC	4	199.3	315.3
31102	68111	ZINC	4	198.6	302.3
31103	68111	ZINC	4	178.9	213.3
31104	68111	ZINC	4	118.6	154.1
31106	68111	ZINC	4	167.9	274.2
31107	68111	ZINC	4	90.1	161.6
31108	68111	ZINC	4	210.7	330.1
31109	68111	ZINC	4	174.7	212.0
31112	68111	ZINC	4	106.4	153.5
31113	68111	ZINC	5	157.1	256.8
31114	68111	ZINC	4	133.6	172.0
31116	68111	ZINC	4	201.9	315.5
31117	68111	ZINC	4	215.6	283.3
31118	68111	ZINC	3	74.4	99.0
31120	68111	ZINC	4	296.5	432.7
31122	68111	ZINC	4	145.7	218.5
31125	68111	ZINC	4	187.9	194.7
31127	68111	ZINC	5	105.0	157.2
31129	68111	ZINC	4	160.6	195.0
31131	68111	ZINC	4	129.2	155.8
31133	68111	ZINC	4	166.3	201.0
31134	68111	ZINC	4	124.9	136.0
31136	68111	ZINC	4	123.6	193.9
31138	68111	ZINC	4	207.6	265.3
31139	68111	ZINC	4	230.8	305.1
31141	68111	ZINC	4	204.2	453.0
31142	68111	ZINC	4	166.8	228.3
31143	68111	ZINC	4	157.9	198.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31145	68111	ZINC	4	172.1	278.0
31146	68111	ZINC	4	168.8	209.0
31148	68111	ZINC	4	276.8	411.2
31152	68111	ZINC	3	220.3	275.0
31154	68111	ZINC	4	153.5	163.8
31156	68111	ZINC	4	494.5	891.7
31161	68111	ZINC	4	135.9	160.5
31162	68111	ZINC	4	392.6	858.5
31163	68111	ZINC	5	283.4	356.5
31164	68111	ZINC	4	147.8	180.6
31168	68111	ZINC	4	155.4	228.6
31169	68111	ZINC	4	149.9	187.1
31171	68111	ZINC	3	122.0	180.1
31175	68111	ZINC	5	116.0	130.7
31176	68111	ZINC	4	168.9	228.8
31178	68111	ZINC	4	196.1	280.9
31179	68111	ZINC	3	138.4	204.5
31180	68111	ZINC	3	359.4	467.2
31182	68111	ZINC	4	167.0	195.7
31183	68111	ZINC	4	188.0	214.0
31185	68111	ZINC	4	112.4	135.1
31186	68111	ZINC	4	194.7	311.1
31188	68111	ZINC	4	152.6	200.5
31189	68111	ZINC	4	371.8	594.3
31190	68111	ZINC	4	389.7	601.7
31191	68111	ZINC	4	226.1	282.8
31192	68111	ZINC	5	229.2	269.9
31198	68111	ZINC	4	817.3	1771.2
31202	68111	ZINC	4	947.3	1814.4
31203	68111	ZINC	4	1191.6	3947.5
31206	68111	ZINC	4	148.4	242.7
31207	68111	ZINC	3	742.6	1247.0
31208	68111	ZINC	2	508.2	836.1
31211	68111	ZINC	4	136.8	180.8
31212	68111	ZINC	3	188.2	311.4
31215	68111	ZINC	2	298.3	423.7
31221	68111	ZINC	5	261.8	355.3
31222	68111	ZINC	4	105.4	115.7
31225	68111	ZINC	4	268.9	361.5
31227	68111	ZINC	4	185.3	208.0
31229	68111	ZINC	4	211.8	293.9
31232	68111	ZINC	4	295.1	394.5
31234	68111	ZINC	4	227.5	281.0
31236	68111	ZINC	4	167.0	245.2
31237	68111	ZINC	4	233.4	333.6
31239	68111	ZINC	4	105.8	123.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31242	68111	ZINC	4	253.6	373.3
31243	68111	ZINC	4	85.3	122.8
31246	68111	ZINC	4	510.1	1212.9
31248	68111	ZINC	5	224.6	371.9
31251	68111	ZINC	4	241.9	538.4
31252	68111	ZINC	4	202.5	303.5
31253	68111	ZINC	4	298.1	357.9
31254	68111	ZINC	5	313.3	554.1
31255	68111	ZINC	4	202.1	256.1
31256	68111	ZINC	4	328.7	466.4
31257	68111	ZINC	4	301.7	350.0
31259	68111	ZINC	4	297.7	439.6
31262	68111	ZINC	4	537.6	965.6
31265	68111	ZINC	4	282.6	536.9
31266	68111	ZINC	4	244.3	254.8
31267	68111	ZINC	3	331.3	371.8
31268	68111	ZINC	4	135.2	138.9
31269	68111	ZINC	4	164.3	203.2
31271	68111	ZINC	4	79.7	126.0
31272	68111	ZINC	4	209.7	349.1
31273	68111	ZINC	4	155.0	329.9
31274	68111	ZINC	5	187.9	375.3
31275	68111	ZINC	3	215.7	308.9
31276	68111	ZINC	2	91.5	102.2
31277	68111	ZINC	4	211.8	353.2
31280	68111	ZINC	2	161.8	169.9
31282	68111	ZINC	4	142.6	207.6
31284	68111	ZINC	4	169.0	196.6
31287	68111	ZINC	4	189.0	253.1
31291	68111	ZINC	4	173.5	235.6
31300	68111	ZINC	4	241.1	336.5
31302	68111	ZINC	4	185.4	196.6
31303	68111	ZINC	4	215.0	239.3
31304	68111	ZINC	4	187.3	250.1
31305	68111	ZINC	3	282.3	374.5
31309	68111	ZINC	3	213.3	325.3
31310	68111	ZINC	4	302.9	438.5
31311	68111	ZINC	4	107.2	119.7
31312	68111	ZINC	4	334.9	594.4
31313	68111	ZINC	4	158.5	193.0
31316	68111	ZINC	4	318.1	459.9
31321	68111	ZINC	4	102.4	122.7
31324	68111	ZINC	3	143.6	158.7
31325	68111	ZINC	4	1112.7	2173.2
31328	68111	ZINC	4	1217.0	2075.2
31330	68111	ZINC	5	137.9	160.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31331	68111	ZINC	4	390.4	879.5
31333	68111	ZINC	4	207.0	252.3
31334	68111	ZINC	3	266.9	287.9
31336	68111	ZINC	4	164.4	244.0
31337	68111	ZINC	4	211.3	259.0
31338	68111	ZINC	4	286.7	337.2
31339	68111	ZINC	4	118.2	130.7
31340	68111	ZINC	4	350.0	451.6
31341	68111	ZINC	4	339.6	687.0
31344	68111	ZINC	4	233.8	282.2
31348	68111	ZINC	4	177.2	254.5
31352	68111	ZINC	3	203.0	271.4
31353	68111	ZINC	4	158.3	185.4
31355	68111	ZINC	4	165.3	196.4
31356	68111	ZINC	4	130.7	249.6
31357	68111	ZINC	4	292.9	347.0
31358	68111	ZINC	4	223.8	301.2
31360	68111	ZINC	3	154.9	199.4
31361	68111	ZINC	5	454.6	1008.7
31362	68111	ZINC	4	166.7	282.1
31363	68111	ZINC	4	171.0	209.6
31364	68111	ZINC	4	157.6	194.1
31365	68111	ZINC	2	159.4	186.7
31366	68111	ZINC	4	341.0	427.0
31368	68111	ZINC	4	149.3	177.2
31370	68111	ZINC	2	208.2	254.5
31372	68111	ZINC	3	332.2	351.8
31373	68111	ZINC	4	165.4	195.7
31374	68111	ZINC	3	134.3	147.6
31375	68111	ZINC	3	322.5	358.9
31376	68111	ZINC	4	205.8	363.0
31377	68111	ZINC	5	301.9	343.5
31378	68111	ZINC	4	311.0	528.7
31379	68111	ZINC	4	477.4	612.7
31381	68111	ZINC	4	255.8	526.3
31382	68111	ZINC	4	223.0	337.6
31386	68111	ZINC	4	141.3	172.4
31387	68111	ZINC	4	166.4	197.2
31390	68111	ZINC	4	363.2	534.7
31393	68111	ZINC	4	199.6	245.9
31395	68111	ZINC	4	163.2	220.8
31397	68111	ZINC	3	126.0	147.8
31398	68111	ZINC	4	207.0	288.2
31400	68111	ZINC	4	187.1	233.5
31403	68111	ZINC	4	130.1	186.6
31408	68111	ZINC	4	562.0	1190.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31409	68111	ZINC	4	189.2	224.4
31411	68111	ZINC	2	179.6	198.8
31413	68111	ZINC	2	347.1	364.4
31414	68111	ZINC	4	132.2	160.1
31415	68111	ZINC	4	185.5	232.8
31416	68111	ZINC	3	147.3	191.6
31417	68111	ZINC	4	172.1	207.8
31418	68111	ZINC	4	247.9	357.2
31419	68111	ZINC	4	198.4	306.4
31421	68111	ZINC	4	240.2	361.9
31423	68111	ZINC	4	196.3	284.5
31425	68111	ZINC	4	1135.4	2562.1
31426	68111	ZINC	4	230.8	367.2
31427	68111	ZINC	4	154.2	244.8
31429	68111	ZINC	4	152.5	206.7
31430	68111	ZINC	4	187.0	283.5
31431	68111	ZINC	5	111.6	153.2
31432	68111	ZINC	4	253.5	359.7
31433	68111	ZINC	4	175.3	255.5
31434	68111	ZINC	4	115.3	140.3
31435	68111	ZINC	4	136.4	213.5
31436	68111	ZINC	4	369.0	474.6
31437	68111	ZINC	4	174.0	186.3
31438	68111	ZINC	4	228.2	355.4
31439	68111	ZINC	4	443.9	578.1
31440	68111	ZINC	4	145.4	166.3
31441	68111	ZINC	4	161.6	203.8
31442	68111	ZINC	4	168.0	248.0
31443	68111	ZINC	4	147.4	150.9
31444	68111	ZINC	3	220.6	381.0
31445	68111	ZINC	4	176.7	228.6
31446	68111	ZINC	4	141.3	147.2
31447	68111	ZINC	3	119.1	136.3
31449	68111	ZINC	4	184.7	231.4
31450	68111	ZINC	4	422.2	571.4
31451	68111	ZINC	5	165.2	221.3
31452	68111	ZINC	4	186.8	221.3
31453	68111	ZINC	4	172.3	275.2
31454	68111	ZINC	3	190.9	226.1
31455	68111	ZINC	4	104.0	130.1
31456	68111	ZINC	4	168.0	208.9
31457	68111	ZINC	4	428.1	843.7
31458	68111	ZINC	4	172.7	198.3
31463	68111	ZINC	4	319.6	397.8
31464	68111	ZINC	3	297.1	398.7
31465	68111	ZINC	4	101.3	127.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31467	68111	ZINC	4	187.9	211.8
31468	68111	ZINC	4	200.6	333.6
31469	68111	ZINC	4	211.5	382.0
31470	68111	ZINC	4	301.2	444.7
31471	68111	ZINC	4	271.4	463.4
31473	68111	ZINC	5	189.9	280.1
31476	68111	ZINC	4	135.9	148.8
31478	68111	ZINC	4	372.8	515.0
31479	68111	ZINC	5	202.7	311.8
31480	68111	ZINC	4	139.4	180.8
31481	68111	ZINC	4	218.6	304.4
31483	68111	ZINC	4	122.0	157.9
31484	68111	ZINC	4	255.3	367.3
31485	68111	ZINC	4	162.4	323.5
31487	68111	ZINC	4	307.0	475.4
31488	68111	ZINC	4	165.4	205.0
31489	68111	ZINC	4	444.7	529.5
31491	68111	ZINC	4	247.1	280.5
31494	68111	ZINC	4	148.3	183.8
31495	68111	ZINC	4	458.5	566.3
31498	68111	ZINC	4	225.8	405.0
31499	68111	ZINC	4	148.7	260.0
31500	68111	ZINC	4	245.3	259.7
31501	68111	ZINC	3	119.7	134.2
31505	68111	ZINC	3	134.5	156.0
31506	68111	ZINC	4	152.5	249.7
31507	68111	ZINC	4	221.7	276.7
31509	68111	ZINC	4	319.7	399.3
31510	68111	ZINC	4	137.0	185.4
31515	68111	ZINC	4	162.2	208.6
31516	68111	ZINC	4	355.1	505.2
31517	68111	ZINC	4	161.7	177.0
31519	68111	ZINC	5	220.3	558.1
31520	68111	ZINC	4	130.3	153.1
31522	68111	ZINC	5	146.6	183.8
31525	68111	ZINC	4	127.3	144.9
31527	68111	ZINC	4	143.6	178.2
31528	68111	ZINC	4	348.7	509.8
31529	68111	ZINC	4	219.3	266.4
31532	68111	ZINC	3	139.5	178.2
31533	68111	ZINC	4	113.6	172.4
31534	68111	ZINC	4	133.7	145.2
31540	68111	ZINC	4	259.0	464.4
31541	68111	ZINC	4	126.8	142.3
31544	68111	ZINC	4	111.0	145.5
31546	68111	ZINC	4	197.7	236.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31547	68111	ZINC	4	170.8	291.6
31548	68111	ZINC	4	169.9	198.5
31553	68111	ZINC	4	112.8	121.0
31555	68111	ZINC	4	211.6	407.1
31558	68111	ZINC	4	398.2	602.7
31560	68111	ZINC	4	106.0	118.3
31561	68111	ZINC	5	151.6	260.6
31565	68111	ZINC	4	264.7	582.9
31566	68111	ZINC	4	275.4	458.3
31567	68111	ZINC	4	214.9	302.3
31569	68111	ZINC	3	243.0	307.2
31572	68111	ZINC	4	232.3	456.1
31574	68111	ZINC	4	334.0	444.1
31576	68111	ZINC	3	322.7	440.6
31577	68111	ZINC	4	214.6	432.6
31581	68111	ZINC	4	92.4	125.6
31582	68111	ZINC	4	238.2	400.1
31583	68111	ZINC	4	192.8	379.9
31585	68111	ZINC	4	169.3	218.9
31586	68111	ZINC	4	318.1	539.0
31588	68111	ZINC	4	143.4	230.7
31589	68111	ZINC	4	144.9	161.1
31591	68111	ZINC	4	201.2	304.9
31593	68111	ZINC	2	367.5	402.0
31595	68111	ZINC	4	256.8	397.7
31597	68111	ZINC	4	324.1	601.0
31598	68111	ZINC	3	198.7	240.5
31599	68111	ZINC	4	203.9	241.8
31600	68111	ZINC	4	278.0	381.0
31602	68111	ZINC	4	133.0	164.1
31603	68111	ZINC	4	532.1	856.9
31604	68111	ZINC	4	94.3	139.3
31606	68111	ZINC	3	148.5	254.4
31607	68111	ZINC	4	413.2	692.5
31608	68111	ZINC	4	351.4	463.5
31612	68111	ZINC	4	252.7	357.1
31613	68111	ZINC	2	252.1	298.9
31615	68111	ZINC	5	215.1	379.0
31616	68111	ZINC	3	228.9	240.1
31617	68111	ZINC	4	231.2	454.5
31618	68111	ZINC	4	175.7	217.2
31619	68111	ZINC	4	124.4	133.1
31620	68111	ZINC	5	269.1	351.1
31622	68111	ZINC	4	258.1	442.6
31624	68111	ZINC	4	115.8	176.3
31626	68111	ZINC	4	142.3	154.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31627	68111	ZINC	4	203.7	299.6
31628	68111	ZINC	4	287.7	609.1
31629	68111	ZINC	4	457.8	945.1
31631	68111	ZINC	4	233.7	315.7
31635	68111	ZINC	4	135.0	151.0
31636	68111	ZINC	5	212.7	270.1
31638	68111	ZINC	4	131.4	225.0
31640	68111	ZINC	3	151.4	168.7
31641	68111	ZINC	4	280.8	317.4
31643	68111	ZINC	4	174.8	204.5
31644	68111	ZINC	4	433.1	838.9
31646	68111	ZINC	4	171.9	221.1
31647	68111	ZINC	4	146.1	178.7
31650	68111	ZINC	4	200.7	244.6
31651	68111	ZINC	4	185.8	293.0
31654	68111	ZINC	4	190.4	340.8
31655	68111	ZINC	4	128.9	158.8
31656	68111	ZINC	4	265.3	349.6
31659	68111	ZINC	5	154.1	332.5
31660	68111	ZINC	4	389.1	564.8
31661	68111	ZINC	4	220.6	295.3
31662	68111	ZINC	4	154.6	173.5
31664	68111	ZINC	4	102.8	125.5
31666	68111	ZINC	4	397.4	645.1
31668	68111	ZINC	4	206.0	277.2
31670	68111	ZINC	5	85.5	103.2
31671	68111	ZINC	4	77.8	107.6
31672	68111	ZINC	4	256.7	298.5
31674	68111	ZINC	4	184.3	237.1
31678	68111	ZINC	4	172.8	217.5
31679	68111	ZINC	4	90.4	111.2
31680	68111	ZINC	4	178.7	294.1
31681	68111	ZINC	4	130.0	152.4
31682	68111	ZINC	4	174.1	186.8
31683	68111	ZINC	4	102.6	118.9
31686	68111	ZINC	4	133.3	187.7
31691	68111	ZINC	4	153.2	235.1
31692	68111	ZINC	4	130.6	198.3
31694	68111	ZINC	4	285.6	397.2
31695	68111	ZINC	4	298.1	506.5
31697	68111	ZINC	4	150.6	179.0
31698	68111	ZINC	4	160.6	241.7
31699	68111	ZINC	4	134.9	148.0
31700	68111	ZINC	4	230.4	407.6
31702	68111	ZINC	4	133.5	155.9
31704	68111	ZINC	4	68.2	101.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31708	68111	ZINC	4	125.7	155.9
31710	68111	ZINC	5	112.8	143.9
31712	68111	ZINC	3	265.4	361.7
31713	68111	ZINC	4	277.9	371.6
31714	68111	ZINC	4	154.0	219.1
31715	68111	ZINC	4	191.2	258.8
31716	68111	ZINC	4	71.5	87.9
31717	68111	ZINC	4	162.2	251.2
31718	68111	ZINC	4	163.3	282.2
31721	68111	ZINC	4	193.2	266.2
31722	68111	ZINC	3	956.6	1443.6
31723	68111	ZINC	4	207.7	338.5
31724	68111	ZINC	3	876.2	2011.9
31725	68111	ZINC	5	161.5	229.0
31728	68111	ZINC	3	151.5	161.8
31729	68111	ZINC	4	142.4	162.0
31732	68111	ZINC	4	155.4	181.3
31733	68111	ZINC	4	138.8	212.4
31734	68111	ZINC	4	275.5	447.5
31735	68111	ZINC	4	417.7	711.6
31736	68111	ZINC	4	239.2	287.1
31740	68111	ZINC	4	132.7	155.1
31741	68111	ZINC	4	301.3	670.6
31742	68111	ZINC	4	295.7	483.0
31744	68111	ZINC	4	258.1	375.3
31746	68111	ZINC	4	188.5	248.2
31747	68111	ZINC	4	147.4	287.5
31748	68111	ZINC	4	139.6	154.8
31751	68111	ZINC	4	135.1	209.4
31752	68111	ZINC	4	242.7	273.6
31754	68111	ZINC	4	198.7	310.5
31755	68111	ZINC	4	77.3	94.9
31756	68111	ZINC	4	307.4	351.9
31758	68111	ZINC	4	323.1	455.2
31759	68111	ZINC	4	298.6	322.8
31762	68111	ZINC	3	238.1	296.7
31763	68111	ZINC	4	209.6	234.6
31764	68111	ZINC	4	332.0	518.4
31765	68111	ZINC	4	227.6	372.5
31766	68111	ZINC	5	264.4	354.1
31769	68111	ZINC	4	156.1	167.2
31770	68111	ZINC	3	200.3	208.9
31771	68111	ZINC	3	250.3	300.1
31772	68111	ZINC	4	221.9	296.1
31773	68111	ZINC	4	111.9	144.3
31774	68111	ZINC	4	42.5	47.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31775	68111	ZINC	4	260.8	370.6
31776	68111	ZINC	4	143.0	240.9
31777	68111	ZINC	3	191.2	231.5
31778	68111	ZINC	3	108.3	112.3
31779	68111	ZINC	4	348.5	737.9
31780	68111	ZINC	5	306.8	564.6
31783	68111	ZINC	4	296.6	433.7
31784	68111	ZINC	4	357.0	678.7
31785	68111	ZINC	4	132.4	175.3
31786	68111	ZINC	4	147.1	199.4
31788	68111	ZINC	4	43.0	47.2
31789	68111	ZINC	4	261.6	383.5
31790	68111	ZINC	2	174.5	218.8
31791	68111	ZINC	4	387.8	593.7
31793	68111	ZINC	4	152.6	186.5
31794	68111	ZINC	4	206.9	348.9
31795	68111	ZINC	4	142.6	190.6
31796	68111	ZINC	3	188.9	222.6
31797	68111	ZINC	4	168.2	253.2
31799	68111	ZINC	4	203.7	210.3
31800	68111	ZINC	3	120.3	123.6
31801	68111	ZINC	4	531.1	809.8
31803	68111	ZINC	4	145.4	200.0
31804	68111	ZINC	4	412.3	803.7
31805	68111	ZINC	4	190.1	346.6
31806	68111	ZINC	4	133.0	153.5
31808	68111	ZINC	4	2077.5	4007.6
31809	68111	ZINC	4	116.2	129.8
31810	68111	ZINC	4	166.2	224.0
31811	68111	ZINC	4	149.5	166.9
31812	68111	ZINC	4	256.8	393.0
31813	68111	ZINC	4	233.8	250.7
31816	68111	ZINC	4	120.2	196.6
31817	68111	ZINC	4	119.0	125.0
31819	68111	ZINC	4	206.8	393.8
31821	68111	ZINC	4	115.1	128.9
31822	68111	ZINC	4	114.8	129.9
31823	68111	ZINC	4	157.2	219.0
31824	68111	ZINC	4	98.1	120.3
31825	68111	ZINC	4	122.1	133.3
31826	68111	ZINC	3	154.7	168.5
31827	68111	ZINC	4	132.4	165.8
31828	68111	ZINC	5	182.3	286.1
31831	68111	ZINC	4	532.0	705.8
31835	68111	ZINC	4	143.3	234.8
31836	68111	ZINC	4	317.3	508.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31838	68111	ZINC	4	257.7	584.1
31839	68111	ZINC	4	188.1	194.6
31840	68111	ZINC	4	341.1	542.1
31841	68111	ZINC	4	248.5	378.4
31843	68111	ZINC	4	214.5	383.0
31844	68111	ZINC	4	141.9	224.7
31845	68111	ZINC	4	145.9	181.7
31846	68111	ZINC	4	152.9	235.3
31849	68111	ZINC	5	158.8	209.7
31850	68111	ZINC	4	222.1	279.2
31851	68111	ZINC	4	237.1	420.7
31852	68111	ZINC	4	319.2	717.7
31853	68111	ZINC	3	198.1	255.0
31854	68111	ZINC	4	165.2	224.0
31856	68111	ZINC	3	97.8	108.0
31858	68111	ZINC	3	159.6	196.0
31859	68111	ZINC	4	84.9	158.1
31860	68111	ZINC	4	86.7	106.6
31861	68111	ZINC	4	179.3	253.5
31862	68111	ZINC	4	149.3	175.1
31864	68111	ZINC	3	118.7	142.2
31865	68111	ZINC	4	88.1	119.2
31868	68111	ZINC	4	139.7	214.0
31869	68111	ZINC	4	146.8	157.7
31871	68111	ZINC	4	128.7	175.6
31872	68111	ZINC	4	99.1	144.5
31873	68111	ZINC	4	384.1	555.2
31874	68111	ZINC	4	272.4	459.6
31875	68111	ZINC	4	182.9	216.5
31876	68111	ZINC	4	160.1	192.5
31878	68111	ZINC	4	76.9	125.8
31879	68111	ZINC	4	212.1	297.9
31880	68111	ZINC	4	162.5	176.1
31882	68111	ZINC	4	124.1	149.4
31887	68111	ZINC	4	189.2	255.0
31889	68111	ZINC	4	140.9	181.4
31891	68111	ZINC	4	127.3	139.6
31892	68111	ZINC	4	219.8	398.9
31894	68111	ZINC	4	213.7	249.3
31895	68111	ZINC	3	247.9	348.2
31896	68111	ZINC	5	169.0	258.3
31899	68111	ZINC	4	238.5	329.4
31901	68111	ZINC	4	160.3	197.1
31904	68111	ZINC	4	111.0	116.3
31906	68111	ZINC	4	215.2	275.2
31907	68111	ZINC	4	101.2	117.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31908	68111	ZINC	4	141.6	178.7
31910	68111	ZINC	4	167.9	229.7
31911	68111	ZINC	6	155.3	196.5
31913	68111	ZINC	4	182.0	331.3
31915	68111	ZINC	4	254.8	371.3
31916	68111	ZINC	5	311.4	550.9
31919	68111	ZINC	4	196.1	259.7
31921	68111	ZINC	4	331.3	636.0
31922	68111	ZINC	4	148.1	177.7
31923	68111	ZINC	4	146.6	244.1
31924	68111	ZINC	4	241.3	424.3
31925	68111	ZINC	4	254.8	369.0
31927	68111	ZINC	4	366.6	902.6
31928	68111	ZINC	4	111.9	142.9
31929	68111	ZINC	4	305.2	481.2
31930	68111	ZINC	4	238.5	473.6
31932	68111	ZINC	3	398.2	758.8
31935	68111	ZINC	4	191.2	319.6
31936	68111	ZINC	4	157.6	188.5
31938	68111	ZINC	4	117.8	145.8
31940	68111	ZINC	4	140.8	195.2
31941	68111	ZINC	4	120.6	137.5
31943	68111	ZINC	4	208.6	252.9
31944	68111	ZINC	4	164.6	291.8
31945	68111	ZINC	4	212.3	324.5
31946	68111	ZINC	3	156.4	178.1
31947	68111	ZINC	4	209.9	328.9
31949	68111	ZINC	4	177.0	212.1
31952	68111	ZINC	4	240.2	374.1
31955	68111	ZINC	4	148.8	173.3
31960	68111	ZINC	4	381.0	822.2
31961	68111	ZINC	4	451.9	1040.6
31964	68111	ZINC	2	278.7	377.0
31965	68111	ZINC	4	303.7	348.5
31967	68111	ZINC	4	226.0	444.7
31968	68111	ZINC	4	224.2	276.2
31970	68111	ZINC	4	215.6	332.0
31972	68111	ZINC	4	124.6	143.0
31973	68111	ZINC	4	125.6	135.0
31974	68111	ZINC	4	113.5	132.8
31975	68111	ZINC	4	91.9	150.2
31976	68111	ZINC	5	160.6	173.0
31977	68111	ZINC	4	208.2	275.6
31978	68111	ZINC	4	237.8	521.4
31980	68111	ZINC	5	228.8	364.9
31981	68111	ZINC	4	226.7	298.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
31983	68111	ZINC	4	121.4	142.2
31985	68111	ZINC	5	185.8	202.8
31986	68111	ZINC	4	339.0	552.0
31987	68111	ZINC	4	118.9	139.6
31988	68111	ZINC	4	252.5	325.0
31991	68111	ZINC	4	225.4	270.5
31994	68111	ZINC	4	297.6	403.4
31996	68111	ZINC	4	162.1	177.0
31998	68111	ZINC	4	161.6	193.0
31999	68111	ZINC	3	178.7	221.2
32000	68111	ZINC	4	187.0	282.3
32001	68111	ZINC	4	189.4	217.9
32003	68111	ZINC	3	277.4	505.5
32006	68111	ZINC	4	167.3	205.5
32007	68111	ZINC	4	244.0	354.2
32011	68111	ZINC	4	127.4	188.6
32012	68111	ZINC	4	204.2	340.6
32013	68111	ZINC	4	255.1	441.6
32014	68111	ZINC	4	537.3	1080.1
32015	68111	ZINC	4	134.4	149.9
32016	68111	ZINC	4	212.4	455.8
32017	68111	ZINC	4	94.3	153.4
32018	68111	ZINC	2	123.1	139.5
32020	68111	ZINC	4	119.8	151.9
32021	68111	ZINC	3	135.0	154.6
32022	68111	ZINC	4	170.4	191.2
32023	68111	ZINC	3	302.1	407.5
32024	68111	ZINC	2	152.4	179.4
32025	68111	ZINC	4	190.5	217.0
32026	68111	ZINC	4	140.7	167.2
32028	68111	ZINC	4	259.8	382.4
32033	68111	ZINC	4	197.8	246.8
32034	68111	ZINC	4	110.4	176.9
32036	68111	ZINC	4	145.0	187.8
32038	68111	ZINC	4	165.6	267.9
32040	68111	ZINC	4	592.8	622.6
32041	68111	ZINC	4	231.6	317.4
32042	68111	ZINC	4	158.7	201.6
32046	68111	ZINC	4	354.9	661.8
32047	68111	ZINC	4	130.8	143.6
32048	68111	ZINC	5	187.6	297.6
32049	68111	ZINC	4	155.9	194.0
32050	68111	ZINC	5	349.0	804.5
32051	68111	ZINC	4	157.2	216.6
32052	68111	ZINC	4	160.8	227.5
32053	68111	ZINC	4	267.4	503.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32055	68111	ZINC	4	272.0	443.2
32057	68111	ZINC	5	190.4	263.5
32058	68111	ZINC	4	197.5	304.5
32059	68111	ZINC	4	182.1	199.4
32061	68111	ZINC	4	178.5	361.1
32064	68111	ZINC	1	216.5	216.5
32065	68111	ZINC	3	160.5	278.6
32066	68111	ZINC	4	190.1	297.9
32067	68111	ZINC	5	99.2	151.1
32070	68111	ZINC	5	173.2	232.0
32073	68111	ZINC	2	453.2	560.8
32075	68111	ZINC	3	167.2	203.8
32077	68111	ZINC	4	211.6	331.7
32079	68111	ZINC	4	127.4	230.6
32081	68111	ZINC	4	393.5	856.2
32085	68111	ZINC	4	132.7	165.0
32087	68111	ZINC	4	236.4	401.3
32089	68111	ZINC	4	190.5	279.6
32090	68111	ZINC	4	198.3	243.3
32091	68111	ZINC	4	206.9	255.3
32092	68111	ZINC	4	254.7	404.8
32093	68111	ZINC	4	123.7	161.5
32095	68111	ZINC	4	175.3	235.0
32096	68111	ZINC	4	125.3	166.2
32097	68111	ZINC	4	271.4	633.6
32098	68111	ZINC	3	220.0	302.7
32101	68111	ZINC	4	205.4	350.8
32102	68111	ZINC	4	214.4	304.7
32103	68111	ZINC	4	320.4	515.2
32104	68111	ZINC	4	217.9	303.8
32105	68111	ZINC	4	110.3	148.1
32107	68111	ZINC	4	209.5	316.3
32108	68111	ZINC	4	167.3	339.5
32109	68111	ZINC	4	269.8	397.7
32111	68111	ZINC	3	261.8	512.6
32112	68111	ZINC	4	115.3	137.4
32114	68111	ZINC	4	166.9	218.5
32115	68111	ZINC	4	108.9	149.6
32116	68111	ZINC	4	168.2	196.3
32117	68111	ZINC	4	193.3	340.9
32119	68111	ZINC	4	303.8	380.4
32120	68111	ZINC	5	175.1	265.1
32123	68111	ZINC	4	225.9	437.3
32124	68111	ZINC	4	301.9	434.2
32125	68111	ZINC	4	201.5	277.6
32126	68111	ZINC	5	298.9	553.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32128	68111	ZINC	4	192.1	272.2
32129	68111	ZINC	4	143.8	192.8
32131	68111	ZINC	4	241.4	325.6
32133	68111	ZINC	4	194.2	208.4
32134	68111	ZINC	4	80.8	105.2
32136	68111	ZINC	4	214.4	294.5
32137	68111	ZINC	3	206.6	230.2
32138	68111	ZINC	4	222.9	299.5
32139	68111	ZINC	4	310.6	446.7
32140	68111	ZINC	3	243.1	340.7
32147	68111	ZINC	4	69.5	109.2
32148	68111	ZINC	5	256.9	337.9
32149	68111	ZINC	5	140.8	271.4
32152	68111	ZINC	4	152.0	183.9
32153	68111	ZINC	4	156.6	190.6
32154	68111	ZINC	4	158.7	176.5
32155	68111	ZINC	4	220.8	286.6
32156	68111	ZINC	4	102.8	117.5
32159	68111	ZINC	4	468.7	626.4
32160	68111	ZINC	4	262.5	345.6
32162	68111	ZINC	5	351.7	941.2
32163	68111	ZINC	4	145.0	174.1
32164	68111	ZINC	4	201.7	286.4
32166	68111	ZINC	5	192.9	362.9
32167	68111	ZINC	4	127.1	140.7
32168	68111	ZINC	4	114.7	144.4
32169	68111	ZINC	4	129.8	218.3
32170	68111	ZINC	3	153.4	160.0
32172	68111	ZINC	4	180.8	269.5
32177	68111	ZINC	4	248.5	368.5
32178	68111	ZINC	4	189.6	198.1
32179	68111	ZINC	4	232.3	315.4
32180	68111	ZINC	4	206.1	404.4
32181	68111	ZINC	4	125.2	147.8
32182	68111	ZINC	3	124.3	141.9
32183	68111	ZINC	4	218.7	294.2
32184	68111	ZINC	4	139.8	153.0
32185	68111	ZINC	4	184.4	240.4
32186	68111	ZINC	4	199.5	288.7
32187	68111	ZINC	4	180.9	309.1
32189	68111	ZINC	4	135.9	139.8
32190	68111	ZINC	4	185.3	220.9
32193	68111	ZINC	6	176.7	308.6
32194	68111	ZINC	4	234.4	355.1
32196	68111	ZINC	4	143.9	177.0
32197	68111	ZINC	4	135.6	160.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32200	68111	ZINC	4	114.2	131.6
32204	68111	ZINC	4	342.9	459.2
32205	68111	ZINC	4	118.6	182.1
32208	68111	ZINC	4	107.7	171.6
32209	68111	ZINC	5	182.8	200.5
32210	68111	ZINC	4	133.8	152.9
32212	68111	ZINC	4	136.7	151.3
32213	68111	ZINC	4	174.5	187.8
32218	68111	ZINC	4	134.5	154.7
32219	68111	ZINC	4	121.0	143.6
32221	68111	ZINC	4	135.9	174.7
32222	68111	ZINC	4	113.6	144.6
32224	68111	ZINC	4	151.9	187.2
32225	68111	ZINC	3	153.4	261.4
32226	68111	ZINC	4	134.6	165.3
32227	68111	ZINC	4	272.7	418.6
32228	68111	ZINC	4	166.9	238.1
32230	68111	ZINC	5	121.9	163.1
32231	68111	ZINC	4	269.2	549.4
32232	68111	ZINC	4	145.5	176.4
32234	68111	ZINC	4	130.4	180.0
32235	68111	ZINC	4	161.5	173.8
32237	68111	ZINC	4	173.9	201.0
32239	68111	ZINC	4	172.2	240.0
32240	68111	ZINC	4	106.0	150.2
32241	68111	ZINC	4	269.2	345.1
32243	68111	ZINC	4	103.7	123.5
32244	68111	ZINC	4	175.7	260.3
32246	68111	ZINC	4	122.5	136.1
32248	68111	ZINC	4	218.7	240.2
32249	68111	ZINC	4	140.1	209.6
32250	68111	ZINC	4	239.1	263.9
32251	68111	ZINC	4	233.0	369.5
32252	68111	ZINC	4	241.8	396.0
32253	68111	ZINC	4	135.3	183.2
32255	68111	ZINC	4	152.7	170.4
32256	68111	ZINC	4	277.5	425.0
32260	68111	ZINC	5	226.6	334.6
32261	68111	ZINC	3	305.8	450.9
32262	68111	ZINC	4	375.5	725.4
32263	68111	ZINC	3	258.9	338.1
32264	68111	ZINC	4	303.6	375.0
32265	68111	ZINC	4	261.3	401.2
32266	68111	ZINC	4	144.3	168.1
32267	68111	ZINC	4	128.6	144.9
32270	68111	ZINC	4	225.8	274.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32272	68111	ZINC	4	183.6	235.0
32274	68111	ZINC	4	324.2	454.2
32276	68111	ZINC	4	302.0	824.0
32277	68111	ZINC	4	220.1	278.6
32278	68111	ZINC	4	265.4	445.2
32279	68111	ZINC	4	115.7	125.6
32280	68111	ZINC	4	279.6	560.8
32281	68111	ZINC	4	142.7	175.4
32282	68111	ZINC	4	113.0	129.5
32283	68111	ZINC	3	136.7	192.7
32284	68111	ZINC	4	178.4	253.0
32285	68111	ZINC	4	461.9	926.1
32286	68111	ZINC	3	195.5	276.0
32287	68111	ZINC	4	376.5	733.0
32288	68111	ZINC	5	214.0	502.7
32289	68111	ZINC	4	73.7	82.1
32291	68111	ZINC	4	221.3	332.9
32293	68111	ZINC	4	155.8	223.4
32296	68111	ZINC	4	146.6	197.0
32297	68111	ZINC	4	156.4	218.7
32300	68111	ZINC	4	155.2	203.2
32303	68111	ZINC	4	122.8	166.3
32304	68111	ZINC	4	198.2	308.2
32305	68111	ZINC	4	152.5	213.2
32306	68111	ZINC	4	162.3	194.9
32307	68111	ZINC	4	115.8	133.1
32308	68111	ZINC	4	56.7	93.6
32309	68111	ZINC	4	118.3	173.5
32311	68111	ZINC	4	208.3	236.0
32314	68111	ZINC	5	345.4	722.2
32315	68111	ZINC	4	142.6	170.6
32316	68111	ZINC	4	292.0	350.3
32318	68111	ZINC	4	128.0	155.0
32319	68111	ZINC	4	102.5	110.3
32320	68111	ZINC	4	367.1	915.6
32321	68111	ZINC	3	222.0	265.7
32322	68111	ZINC	4	250.8	549.0
32324	68111	ZINC	4	146.4	163.6
32325	68111	ZINC	4	123.0	154.9
32326	68111	ZINC	4	130.1	142.1
32327	68111	ZINC	2	145.8	189.1
32328	68111	ZINC	3	171.8	262.3
32330	68111	ZINC	4	142.5	167.5
32331	68111	ZINC	3	209.1	256.8
32332	68111	ZINC	4	79.3	122.5
32334	68111	ZINC	4	120.6	174.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32335	68111	ZINC	4	144.7	178.7
32336	68111	ZINC	4	152.6	241.4
32337	68111	ZINC	4	165.7	182.1
32338	68111	ZINC	4	211.6	274.4
32339	68111	ZINC	4	137.2	172.1
32340	68111	ZINC	4	122.0	155.8
32341	68111	ZINC	4	111.3	152.1
32342	68111	ZINC	4	89.0	94.8
32345	68111	ZINC	4	168.6	203.8
32346	68111	ZINC	4	161.1	179.7
32347	68111	ZINC	4	100.4	164.1
32348	68111	ZINC	1	118.5	118.5
32349	68111	ZINC	4	89.5	105.8
32350	68111	ZINC	5	59.7	111.6
32351	68111	ZINC	4	406.1	473.0
32352	68111	ZINC	4	137.7	372.5
32353	68111	ZINC	5	189.5	230.0
32355	68111	ZINC	4	110.6	119.3
32358	68111	ZINC	4	228.9	279.0
32359	68111	ZINC	3	157.7	222.4
32360	68111	ZINC	4	121.5	142.8
32364	68111	ZINC	4	171.4	228.6
32365	68111	ZINC	4	135.5	260.9
32367	68111	ZINC	4	124.0	158.4
32368	68111	ZINC	5	211.9	386.6
32369	68111	ZINC	4	175.6	287.7
32370	68111	ZINC	3	122.6	131.4
32372	68111	ZINC	4	204.2	330.9
32375	68111	ZINC	4	405.8	488.0
32377	68111	ZINC	4	117.5	169.6
32378	68111	ZINC	4	144.9	189.4
32379	68111	ZINC	4	241.6	258.3
32380	68111	ZINC	3	157.6	188.3
32381	68111	ZINC	4	223.6	284.0
32382	68111	ZINC	4	122.8	138.8
32384	68111	ZINC	4	192.0	242.2
32385	68111	ZINC	4	308.9	468.5
32386	68111	ZINC	4	160.2	185.4
32388	68111	ZINC	4	107.6	115.6
32390	68111	ZINC	4	86.0	88.0
32391	68111	ZINC	4	150.9	193.9
32393	68111	ZINC	4	225.8	287.2
32395	68111	ZINC	4	186.2	326.5
32396	68111	ZINC	4	103.3	120.8
32398	68111	ZINC	4	153.1	191.2
32399	68111	ZINC	4	220.1	282.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32400	68111	ZINC	4	138.0	158.8
32403	68111	ZINC	4	133.5	178.1
32405	68111	ZINC	4	121.6	143.2
32407	68111	ZINC	4	179.6	268.1
32409	68111	ZINC	4	164.8	273.6
32410	68111	ZINC	4	136.6	168.7
32411	68111	ZINC	4	232.7	281.9
32412	68111	ZINC	4	156.4	213.5
32414	68111	ZINC	4	290.2	434.9
32415	68111	ZINC	5	111.9	141.8
32416	68111	ZINC	4	294.4	382.4
32417	68111	ZINC	4	105.7	125.0
32418	68111	ZINC	4	227.7	362.5
32419	68111	ZINC	4	291.8	401.2
32420	68111	ZINC	4	137.2	155.6
32421	68111	ZINC	4	143.2	161.4
32425	68111	ZINC	5	221.3	304.6
32427	68111	ZINC	4	205.3	253.4
32428	68111	ZINC	4	140.6	157.2
32429	68111	ZINC	4	237.0	414.0
32430	68111	ZINC	4	197.4	290.3
32431	68111	ZINC	4	166.7	200.4
32432	68111	ZINC	3	151.8	236.8
32434	68111	ZINC	4	84.4	119.8
32435	68111	ZINC	4	301.3	374.6
32436	68111	ZINC	5	121.2	141.2
32437	68111	ZINC	4	202.3	250.5
32438	68111	ZINC	4	129.0	180.4
32441	68111	ZINC	4	248.9	419.7
32442	68111	ZINC	4	175.4	203.9
32443	68111	ZINC	4	122.8	138.0
32444	68111	ZINC	4	280.4	444.2
32445	68111	ZINC	4	137.9	182.8
32447	68111	ZINC	5	292.3	391.0
32449	68111	ZINC	5	237.6	282.9
32450	68111	ZINC	2	184.1	194.8
32451	68111	ZINC	4	123.0	143.4
32452	68111	ZINC	3	139.1	151.7
32453	68111	ZINC	4	277.7	353.2
32454	68111	ZINC	2	313.8	341.4
32455	68111	ZINC	5	107.3	131.0
32456	68111	ZINC	4	350.7	640.7
32457	68111	ZINC	5	106.8	137.9
32458	68111	ZINC	4	263.5	311.2
32460	68111	ZINC	4	134.6	146.3
32461	68111	ZINC	4	135.9	192.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32464	68111	ZINC	4	146.7	184.0
32466	68111	ZINC	4	254.5	352.6
32467	68111	ZINC	3	147.0	216.7
32472	68111	ZINC	4	148.0	155.0
32473	68111	ZINC	3	293.7	371.1
32474	68111	ZINC	4	291.7	442.1
32475	68111	ZINC	4	197.1	270.2
32476	68111	ZINC	4	115.9	172.8
32477	68111	ZINC	4	184.8	232.7
32478	68111	ZINC	4	174.7	425.3
32479	68111	ZINC	4	143.0	196.2
32481	68111	ZINC	4	226.6	391.3
32482	68111	ZINC	4	151.4	163.6
32483	68111	ZINC	4	236.5	286.6
32486	68111	ZINC	4	109.2	116.8
32487	68111	ZINC	4	117.6	158.1
32488	68111	ZINC	5	148.6	197.9
32490	68111	ZINC	4	145.3	166.9
32491	68111	ZINC	4	191.3	230.0
32492	68111	ZINC	4	91.5	147.0
32494	68111	ZINC	4	307.9	829.8
32496	68111	ZINC	5	223.9	340.2
32497	68111	ZINC	5	173.7	284.7
32499	68111	ZINC	4	159.2	217.6
32501	68111	ZINC	4	261.1	350.8
32502	68111	ZINC	4	98.4	107.1
32504	68111	ZINC	4	233.6	327.3
32506	68111	ZINC	4	189.4	269.2
32509	68111	ZINC	4	148.1	224.0
32510	68111	ZINC	5	117.9	131.9
32512	68111	ZINC	3	93.3	108.7
32513	68111	ZINC	4	224.3	261.7
32515	68111	ZINC	4	115.3	141.1
32517	68111	ZINC	3	142.4	166.5
32518	68111	ZINC	4	268.2	401.8
32522	68111	ZINC	3	185.7	260.6
32523	68111	ZINC	3	114.4	129.8
32524	68111	ZINC	4	380.5	1311.6
32527	68111	ZINC	4	65.6	109.6
32528	68111	ZINC	5	200.6	301.1
32530	68111	ZINC	4	127.0	133.6
32533	68111	ZINC	4	110.4	115.8
32534	68111	ZINC	4	107.0	125.2
32535	68111	ZINC	3	196.8	203.7
32537	68111	ZINC	4	216.6	334.4
32539	68111	ZINC	4	179.9	194.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32542	68111	ZINC	4	195.9	292.6
32543	68111	ZINC	4	128.1	146.2
32544	68111	ZINC	4	342.9	537.0
32545	68111	ZINC	4	186.0	202.6
32546	68111	ZINC	4	98.2	104.5
32547	68111	ZINC	5	131.3	177.2
32549	68111	ZINC	4	152.0	181.7
32550	68111	ZINC	4	201.8	254.1
32551	68111	ZINC	5	174.3	222.7
32553	68111	ZINC	3	169.3	207.4
32554	68111	ZINC	4	166.5	362.1
32557	68111	ZINC	4	118.7	131.5
32558	68111	ZINC	4	192.9	247.7
32559	68111	ZINC	4	336.1	659.0
32560	68111	ZINC	3	198.7	200.6
32561	68111	ZINC	4	142.8	163.5
32562	68111	ZINC	4	293.4	456.3
32563	68111	ZINC	2	137.6	162.5
32565	68111	ZINC	3	170.2	184.4
32567	68111	ZINC	4	232.2	343.0
32569	68111	ZINC	4	183.4	239.3
32571	68111	ZINC	3	273.4	311.4
32572	68111	ZINC	4	104.8	126.9
32573	68111	ZINC	4	194.8	370.6
32574	68111	ZINC	4	117.7	144.1
32575	68111	ZINC	5	395.4	456.8
32576	68111	ZINC	4	336.9	492.2
32577	68111	ZINC	4	105.7	198.7
32578	68111	ZINC	4	164.3	196.6
32580	68111	ZINC	4	164.4	188.0
32581	68111	ZINC	4	273.2	489.0
32582	68111	ZINC	4	120.6	129.3
32585	68111	ZINC	4	239.8	510.0
32586	68111	ZINC	4	182.1	302.6
32587	68111	ZINC	4	329.9	617.7
32589	68111	ZINC	4	191.8	284.9
32591	68111	ZINC	4	250.3	347.9
32592	68111	ZINC	4	144.3	178.3
32593	68111	ZINC	4	160.5	167.1
32594	68111	ZINC	4	153.9	203.2
32596	68111	ZINC	4	167.6	207.3
32597	68111	ZINC	4	114.4	145.9
32599	68111	ZINC	4	128.9	160.7
32600	68111	ZINC	4	118.8	131.7
32602	68111	ZINC	4	108.3	119.4
32603	68111	ZINC	4	129.4	134.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32604	68111	ZINC	4	149.7	193.7
32606	68111	ZINC	4	155.4	207.4
32607	68111	ZINC	4	126.5	207.1
32608	68111	ZINC	4	163.6	196.7
32611	68111	ZINC	3	225.7	328.3
32612	68111	ZINC	4	39.6	40.9
32613	68111	ZINC	4	206.8	224.5
32615	68111	ZINC	3	322.3	431.5
32616	68111	ZINC	4	238.5	296.1
32618	68111	ZINC	4	176.7	348.7
32620	68111	ZINC	4	218.0	319.5
32622	68111	ZINC	4	178.9	216.7
32623	68111	ZINC	4	159.7	246.2
32629	68111	ZINC	5	226.8	264.4
32630	68111	ZINC	4	226.4	323.8
32631	68111	ZINC	4	186.8	257.0
32632	68111	ZINC	3	129.1	162.0
32633	68111	ZINC	4	152.4	189.3
32639	68111	ZINC	4	175.8	252.7
32640	68111	ZINC	4	339.8	574.3
32642	68111	ZINC	5	296.2	522.5
32643	68111	ZINC	4	197.0	233.1
32644	68111	ZINC	4	194.3	262.7
32646	68111	ZINC	4	189.7	239.3
32648	68111	ZINC	4	122.9	135.1
32656	68111	ZINC	4	97.4	186.4
32661	68111	ZINC	4	116.7	131.7
32662	68111	ZINC	4	235.7	332.0
32663	68111	ZINC	4	159.9	214.2
32664	68111	ZINC	4	173.0	395.9
32665	68111	ZINC	4	186.3	374.5
32667	68111	ZINC	4	144.8	338.2
32668	68111	ZINC	4	292.4	614.4
32669	68111	ZINC	4	255.9	411.0
32671	68111	ZINC	4	173.8	200.8
32673	68111	ZINC	4	140.2	190.0
32674	68111	ZINC	4	145.6	175.0
32675	68111	ZINC	4	103.3	129.1
32677	68111	ZINC	4	198.2	401.7
32678	68111	ZINC	4	152.3	219.4
32679	68111	ZINC	4	243.3	463.1
32680	68111	ZINC	5	146.2	197.4
32681	68111	ZINC	4	111.9	214.4
32682	68111	ZINC	4	335.3	537.4
32684	68111	ZINC	4	202.7	304.3
32686	68111	ZINC	4	178.4	230.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32687	68111	ZINC	4	192.4	255.0
32688	68111	ZINC	4	138.9	221.5
32690	68111	ZINC	4	137.7	155.7
32692	68111	ZINC	4	197.9	311.4
32693	68111	ZINC	4	139.2	185.4
32694	68111	ZINC	4	188.9	281.2
32695	68111	ZINC	4	179.4	204.0
32696	68111	ZINC	4	157.1	201.6
32697	68111	ZINC	4	156.4	222.9
32699	68111	ZINC	4	247.7	322.8
32701	68111	ZINC	4	222.5	285.7
32702	68111	ZINC	4	224.9	296.2
32703	68111	ZINC	4	330.3	436.6
32704	68111	ZINC	4	205.8	351.8
32706	68111	ZINC	4	169.4	227.9
32708	68111	ZINC	4	121.7	153.8
32709	68111	ZINC	4	289.4	360.1
32713	68111	ZINC	4	146.6	171.5
32714	68111	ZINC	4	144.6	166.2
32715	68111	ZINC	4	84.0	138.2
32717	68111	ZINC	4	258.0	446.6
32718	68111	ZINC	4	145.7	176.0
32722	68111	ZINC	4	286.1	595.6
32724	68111	ZINC	4	237.2	367.6
32726	68111	ZINC	4	447.6	1198.9
32736	68111	ZINC	4	212.9	352.0
32740	68111	ZINC	4	107.2	135.3
32741	68111	ZINC	4	208.7	259.7
32745	68111	ZINC	4	126.9	182.3
32746	68111	ZINC	3	229.9	277.7
32747	68111	ZINC	4	110.2	147.7
32748	68111	ZINC	3	200.1	218.4
32749	68111	ZINC	4	149.5	182.3
32753	68111	ZINC	4	161.9	212.4
32755	68111	ZINC	4	102.0	138.1
32756	68111	ZINC	4	171.8	271.5
32757	68111	ZINC	4	348.2	358.9
32758	68111	ZINC	4	120.7	180.5
32760	68111	ZINC	4	286.0	401.4
32761	68111	ZINC	4	163.5	193.9
32764	68111	ZINC	4	195.4	212.6
32765	68111	ZINC	4	119.8	187.8
32768	68111	ZINC	4	280.3	498.2
32770	68111	ZINC	4	272.9	465.5
32771	68111	ZINC	4	358.4	620.2
32775	68111	ZINC	4	253.6	380.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32776	68111	ZINC	5	174.5	260.5
32777	68111	ZINC	4	113.5	142.5
32778	68111	ZINC	4	124.2	143.2
32779	68111	ZINC	4	216.2	281.7
32780	68111	ZINC	4	135.9	178.4
32781	68111	ZINC	4	243.5	496.7
32782	68111	ZINC	4	95.6	124.0
32783	68111	ZINC	4	200.2	354.1
32784	68111	ZINC	4	273.3	448.9
32785	68111	ZINC	4	150.6	194.4
32787	68111	ZINC	4	172.5	204.5
32789	68111	ZINC	4	104.0	112.5
32791	68111	ZINC	4	149.0	165.9
32792	68111	ZINC	4	166.5	186.7
32793	68111	ZINC	4	328.0	661.1
32794	68111	ZINC	4	279.4	389.8
32795	68111	ZINC	4	119.7	178.3
32797	68111	ZINC	4	250.2	360.8
32798	68111	ZINC	4	177.0	267.9
32800	68111	ZINC	5	182.3	262.0
32802	68111	ZINC	4	184.2	201.6
32803	68111	ZINC	3	306.3	458.1
32804	68111	ZINC	4	277.4	354.6
32805	68111	ZINC	3	95.5	159.6
32806	68111	ZINC	4	140.0	161.0
32807	68111	ZINC	4	178.7	192.9
32808	68111	ZINC	4	145.4	253.7
32809	68111	ZINC	4	409.1	718.8
32810	68111	ZINC	4	144.2	160.1
32813	68111	ZINC	4	240.0	356.6
32816	68111	ZINC	4	147.0	224.9
32817	68111	ZINC	4	215.0	287.2
32818	68111	ZINC	4	172.2	249.0
32819	68111	ZINC	4	154.8	170.7
32821	68111	ZINC	4	214.3	292.5
32823	68111	ZINC	4	105.4	144.1
32824	68111	ZINC	4	208.2	266.4
32825	68111	ZINC	4	142.0	194.7
32827	68111	ZINC	4	281.1	388.1
32830	68111	ZINC	4	160.5	209.6
32831	68111	ZINC	4	139.0	146.0
32833	68111	ZINC	4	154.0	211.0
32834	68111	ZINC	4	159.9	219.8
32835	68111	ZINC	4	268.6	376.9
32836	68111	ZINC	4	164.6	215.8
32837	68111	ZINC	4	452.5	678.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32840	68111	ZINC	4	181.0	231.5
32841	68111	ZINC	4	221.9	348.0
32843	68111	ZINC	4	140.6	156.3
32844	68111	ZINC	4	69.0	99.3
32845	68111	ZINC	4	250.9	433.5
32847	68111	ZINC	4	181.8	271.9
32848	68111	ZINC	2	140.0	150.1
32851	68111	ZINC	4	184.9	217.1
32852	68111	ZINC	4	228.1	300.3
32853	68111	ZINC	2	134.0	148.2
32854	68111	ZINC	3	200.5	268.4
32856	68111	ZINC	4	187.2	200.2
32857	68111	ZINC	4	133.1	159.8
32858	68111	ZINC	5	164.2	215.9
32859	68111	ZINC	4	129.2	157.6
32860	68111	ZINC	4	122.8	164.0
32861	68111	ZINC	4	98.4	109.4
32862	68111	ZINC	2	138.7	141.8
32863	68111	ZINC	3	104.4	110.8
32865	68111	ZINC	4	334.6	527.1
32866	68111	ZINC	4	223.8	404.5
32868	68111	ZINC	4	251.3	320.3
32871	68111	ZINC	4	184.9	348.8
32873	68111	ZINC	4	183.9	276.2
32874	68111	ZINC	4	111.3	128.8
32876	68111	ZINC	4	302.6	515.8
32877	68111	ZINC	4	157.3	182.2
32878	68111	ZINC	4	142.7	307.6
32879	68111	ZINC	4	195.9	235.0
32880	68111	ZINC	4	134.2	152.6
32881	68111	ZINC	4	154.0	219.9
32882	68111	ZINC	4	166.2	219.9
32884	68111	ZINC	4	118.2	135.5
32885	68111	ZINC	4	147.5	168.8
32886	68111	ZINC	4	147.1	248.9
32888	68111	ZINC	4	228.1	284.3
32889	68111	ZINC	4	202.3	467.3
32890	68111	ZINC	4	295.2	669.6
32891	68111	ZINC	3	147.6	191.2
32892	68111	ZINC	4	166.1	332.0
32893	68111	ZINC	4	351.0	684.9
32894	68111	ZINC	4	155.4	210.3
32896	68111	ZINC	4	314.2	499.7
32898	68111	ZINC	5	200.4	220.1
32900	68111	ZINC	4	116.2	130.8
32902	68111	ZINC	4	123.6	216.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32904	68111	ZINC	4	165.7	182.3
32905	68111	ZINC	4	185.0	235.6
32907	68111	ZINC	4	130.3	141.1
32909	68111	ZINC	5	140.9	237.6
32910	68111	ZINC	4	312.7	740.1
32912	68111	ZINC	4	197.3	319.1
32914	68111	ZINC	4	206.6	322.0
32916	68111	ZINC	4	402.4	878.1
32917	68111	ZINC	4	183.5	268.8
32921	68111	ZINC	2	280.2	421.2
32922	68111	ZINC	4	363.9	580.4
32924	68111	ZINC	4	257.4	363.3
32926	68111	ZINC	4	104.9	126.4
32928	68111	ZINC	4	183.0	286.2
32929	68111	ZINC	4	772.3	2312.0
32930	68111	ZINC	4	217.5	317.9
32931	68111	ZINC	4	203.6	236.5
32932	68111	ZINC	4	112.2	136.9
32933	68111	ZINC	4	176.7	253.4
32935	68111	ZINC	3	163.7	228.1
32940	68111	ZINC	4	229.6	444.6
32941	68111	ZINC	4	145.5	238.8
32942	68111	ZINC	4	166.6	206.4
32946	68111	ZINC	4	197.7	262.4
32948	68111	ZINC	3	216.6	292.8
32949	68111	ZINC	4	183.6	244.5
32953	68111	ZINC	4	233.9	313.7
32956	68111	ZINC	3	165.0	195.7
32957	68111	ZINC	5	232.8	318.5
32958	68111	ZINC	4	118.4	199.3
32960	68111	ZINC	4	43.0	50.9
32963	68111	ZINC	4	364.3	980.9
32965	68111	ZINC	4	168.9	263.9
32967	68111	ZINC	4	192.3	393.4
32968	68111	ZINC	4	143.8	162.7
32969	68111	ZINC	4	176.9	205.5
32970	68111	ZINC	4	134.8	184.0
32971	68111	ZINC	4	72.9	99.1
32972	68111	ZINC	4	122.2	137.3
32973	68111	ZINC	4	152.3	197.0
32974	68111	ZINC	4	169.3	279.7
32976	68111	ZINC	4	122.3	131.8
32977	68111	ZINC	4	351.9	744.5
32978	68111	ZINC	4	141.1	155.3
32979	68111	ZINC	4	185.5	261.0
32982	68111	ZINC	4	194.7	213.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
32983	68111	ZINC	4	203.8	295.3
32984	68111	ZINC	4	139.9	186.9
32985	68111	ZINC	4	194.8	301.1
32987	68111	ZINC	3	161.1	190.1
32989	68111	ZINC	3	290.2	489.0
32990	68111	ZINC	4	141.0	179.4
32991	68111	ZINC	4	231.3	354.6
32992	68111	ZINC	4	160.5	177.8
32994	68111	ZINC	4	279.4	420.2
32997	68111	ZINC	4	147.1	222.9
32998	68111	ZINC	4	191.3	372.4
32999	68111	ZINC	4	130.2	146.2
33000	68111	ZINC	4	162.1	187.7
33001	68111	ZINC	4	174.7	282.0
33003	68111	ZINC	4	202.0	256.0
33004	68111	ZINC	3	265.7	370.4
33005	68111	ZINC	4	151.0	177.2
33007	68111	ZINC	4	378.4	573.5
33008	68111	ZINC	5	143.1	169.0
33009	68111	ZINC	4	123.9	157.2
33010	68111	ZINC	2	257.9	301.3
33011	68111	ZINC	4	144.5	202.4
33012	68111	ZINC	4	158.5	208.0
33013	68111	ZINC	4	265.6	506.1
33014	68111	ZINC	4	139.5	152.4
33015	68111	ZINC	4	184.9	251.4
33016	68111	ZINC	4	200.0	383.9
33018	68111	ZINC	4	130.7	165.4
33024	68111	ZINC	4	138.6	266.9
33025	68111	ZINC	4	136.9	160.2
33027	68111	ZINC	4	157.9	242.9
33028	68111	ZINC	4	154.2	193.4
33030	68111	ZINC	4	208.8	258.4
33031	68111	ZINC	4	250.7	496.0
33032	68111	ZINC	3	118.4	126.6
33033	68111	ZINC	4	193.2	259.5
33034	68111	ZINC	4	125.6	150.7
33035	68111	ZINC	3	175.7	349.5
33036	68111	ZINC	4	245.2	371.4
33037	68111	ZINC	4	530.0	1044.6
33040	68111	ZINC	4	255.2	377.8
33041	68111	ZINC	4	228.4	256.4
33042	68111	ZINC	4	147.5	199.2
33043	68111	ZINC	4	156.7	253.5
33044	68111	ZINC	5	173.1	277.7
33047	68111	ZINC	4	188.3	354.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33048	68111	ZINC	5	114.6	136.5
33049	68111	ZINC	4	206.0	292.5
33050	68111	ZINC	4	132.5	174.0
33051	68111	ZINC	4	104.2	124.0
33052	68111	ZINC	4	158.8	184.3
33053	68111	ZINC	4	396.6	944.3
33054	68111	ZINC	4	229.5	337.0
33055	68111	ZINC	2	197.2	235.9
33056	68111	ZINC	3	381.8	460.2
33058	68111	ZINC	4	140.9	159.7
33059	68111	ZINC	4	207.7	332.0
33060	68111	ZINC	4	160.9	166.9
33061	68111	ZINC	3	183.2	290.1
33062	68111	ZINC	4	292.4	446.5
33063	68111	ZINC	5	185.3	219.6
33069	68111	ZINC	4	115.3	177.1
33072	68111	ZINC	4	170.3	299.4
33073	68111	ZINC	4	269.7	500.4
33075	68111	ZINC	4	252.4	370.3
33076	68111	ZINC	5	195.3	260.2
33077	68111	ZINC	4	334.0	606.8
33079	68111	ZINC	4	181.2	302.5
33081	68111	ZINC	4	181.2	252.8
33086	68111	ZINC	5	311.8	816.3
33088	68111	ZINC	4	633.4	927.9
33089	68111	ZINC	2	706.9	889.6
33092	68111	ZINC	4	188.9	277.4
33093	68111	ZINC	4	145.2	235.0
33094	68111	ZINC	4	178.5	285.1
33095	68111	ZINC	2	222.3	246.3
33099	68111	ZINC	4	130.2	137.5
33101	68111	ZINC	4	112.2	125.5
33103	68111	ZINC	3	283.9	362.6
33104	68111	ZINC	5	350.4	619.3
33105	68111	ZINC	4	180.4	189.9
33106	68111	ZINC	5	198.7	500.9
33107	68111	ZINC	4	165.2	177.5
33108	68111	ZINC	4	248.0	277.4
33109	68111	ZINC	4	141.1	195.3
33111	68111	ZINC	4	202.1	286.9
33112	68111	ZINC	4	318.4	544.6
33114	68111	ZINC	4	233.4	281.5
33115	68111	ZINC	4	133.8	172.5
33116	68111	ZINC	4	130.1	222.7
33117	68111	ZINC	4	127.7	149.2
33118	68111	ZINC	4	193.5	349.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33120	68111	ZINC	4	180.0	217.9
33121	68111	ZINC	4	138.9	173.4
33123	68111	ZINC	4	179.2	276.1
33124	68111	ZINC	4	134.5	146.0
33126	68111	ZINC	4	605.0	1601.0
33129	68111	ZINC	4	98.8	121.8
33133	68111	ZINC	3	197.5	230.3
33134	68111	ZINC	4	342.2	441.8
33135	68111	ZINC	4	256.5	373.1
33137	68111	ZINC	4	124.3	156.3
33139	68111	ZINC	3	39.4	41.9
33140	68111	ZINC	4	200.6	268.7
33141	68111	ZINC	5	265.7	324.7
33142	68111	ZINC	4	178.1	314.2
33143	68111	ZINC	4	240.6	286.8
33144	68111	ZINC	4	137.1	143.4
33145	68111	ZINC	4	137.0	153.7
33146	68111	ZINC	4	148.6	238.5
33148	68111	ZINC	4	157.8	209.3
33149	68111	ZINC	4	187.7	274.2
33150	68111	ZINC	4	107.9	156.7
33153	68111	ZINC	4	160.1	209.6
33154	68111	ZINC	4	307.5	612.9
33155	68111	ZINC	4	163.6	208.4
33156	68111	ZINC	4	341.1	466.7
33157	68111	ZINC	4	203.1	312.3
33158	68111	ZINC	4	160.7	175.4
33159	68111	ZINC	4	221.0	283.6
33160	68111	ZINC	5	143.4	267.9
33162	68111	ZINC	4	294.9	399.9
33164	68111	ZINC	4	169.2	218.5
33165	68111	ZINC	4	139.1	146.8
33166	68111	ZINC	4	211.0	239.3
33167	68111	ZINC	4	256.9	402.5
33168	68111	ZINC	4	254.0	285.7
33169	68111	ZINC	4	211.0	329.0
33170	68111	ZINC	4	103.8	142.8
33172	68111	ZINC	4	264.0	311.9
33173	68111	ZINC	4	316.0	593.1
33175	68111	ZINC	4	112.6	138.0
33177	68111	ZINC	3	191.4	214.2
33179	68111	ZINC	3	392.5	514.5
33180	68111	ZINC	4	480.9	1003.8
33181	68111	ZINC	3	150.4	172.1
33182	68111	ZINC	3	230.3	416.3
33185	68111	ZINC	4	97.4	105.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33186	68111	ZINC	4	242.4	303.4
33187	68111	ZINC	4	122.3	144.2
33188	68111	ZINC	4	148.7	162.7
33189	68111	ZINC	4	113.5	157.0
33190	68111	ZINC	3	180.2	204.6
33192	68111	ZINC	4	126.8	152.4
33198	68111	ZINC	4	188.3	221.3
33200	68111	ZINC	4	325.8	527.0
33201	68111	ZINC	4	304.2	393.8
33202	68111	ZINC	6	73.4	128.8
33204	68111	ZINC	4	149.0	163.0
33205	68111	ZINC	4	89.0	117.4
33206	68111	ZINC	4	397.0	1019.8
33207	68111	ZINC	4	164.8	281.1
33208	68111	ZINC	4	126.3	142.0
33210	68111	ZINC	4	164.0	207.6
33211	68111	ZINC	4	130.2	165.4
33213	68111	ZINC	4	221.5	288.9
33214	68111	ZINC	4	300.7	546.7
33217	68111	ZINC	4	141.0	179.8
33221	68111	ZINC	4	110.2	130.1
33222	68111	ZINC	4	262.7	324.7
33223	68111	ZINC	4	307.9	660.4
33224	68111	ZINC	4	241.6	299.3
33226	68111	ZINC	4	191.0	259.7
33228	68111	ZINC	3	139.5	183.7
33230	68111	ZINC	4	142.8	170.9
33233	68111	ZINC	4	114.1	155.6
33235	68111	ZINC	4	214.6	298.9
33236	68111	ZINC	4	168.9	225.0
33239	68111	ZINC	4	343.9	475.4
33240	68111	ZINC	4	116.0	133.4
33242	68111	ZINC	4	400.3	664.2
33243	68111	ZINC	4	214.2	333.9
33244	68111	ZINC	3	117.7	166.1
33245	68111	ZINC	5	199.4	312.6
33247	68111	ZINC	3	163.0	214.7
33248	68111	ZINC	4	264.1	478.9
33250	68111	ZINC	4	267.7	407.3
33251	68111	ZINC	4	192.5	329.2
33252	68111	ZINC	4	346.6	529.0
33256	68111	ZINC	4	392.3	446.6
33259	68111	ZINC	4	284.9	458.0
33260	68111	ZINC	4	112.9	125.2
33261	68111	ZINC	4	176.2	315.4
33262	68111	ZINC	4	150.7	211.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33263	68111	ZINC	4	79.8	105.4
33264	68111	ZINC	4	143.4	202.8
33266	68111	ZINC	4	103.8	114.2
33270	68111	ZINC	3	164.3	210.1
33271	68111	ZINC	3	208.2	346.8
33274	68111	ZINC	4	333.8	497.8
33275	68111	ZINC	4	169.5	214.1
33283	68111	ZINC	4	944.4	3428.9
33284	68111	ZINC	4	193.2	241.9
33292	68111	ZINC	4	185.4	212.6
33293	68111	ZINC	4	157.6	187.7
33296	68111	ZINC	4	149.1	166.0
33302	68111	ZINC	5	148.8	202.8
33303	68111	ZINC	4	207.7	238.8
33307	68111	ZINC	4	185.6	221.2
33309	68111	ZINC	5	371.0	630.4
33310	68111	ZINC	4	195.7	243.7
33312	68111	ZINC	4	329.3	621.3
33313	68111	ZINC	4	174.0	220.6
33314	68111	ZINC	4	253.5	361.0
33316	68111	ZINC	4	220.5	451.0
33317	68111	ZINC	4	295.0	620.0
33319	68111	ZINC	4	294.6	441.7
33320	68111	ZINC	4	198.3	307.5
33321	68111	ZINC	4	160.7	222.4
33324	68111	ZINC	4	190.4	326.9
33325	68111	ZINC	4	195.4	261.5
33327	68111	ZINC	4	220.8	327.3
33329	68111	ZINC	4	156.2	193.5
33331	68111	ZINC	4	176.5	207.1
33332	68111	ZINC	3	114.9	133.0
33333	68111	ZINC	4	188.5	213.1
33334	68111	ZINC	4	180.1	218.2
33335	68111	ZINC	4	462.9	690.8
33336	68111	ZINC	4	162.4	205.2
33339	68111	ZINC	4	205.2	237.5
33342	68111	ZINC	4	194.0	261.0
33343	68111	ZINC	4	420.4	908.0
33346	68111	ZINC	4	264.0	411.9
33347	68111	ZINC	4	281.2	449.7
33348	68111	ZINC	4	328.7	616.5
33349	68111	ZINC	4	235.0	422.1
33350	68111	ZINC	4	151.6	196.1
33351	68111	ZINC	4	209.4	281.5
33355	68111	ZINC	4	186.2	215.3
33356	68111	ZINC	4	221.2	279.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33357	68111	ZINC	4	93.3	163.1
33358	68111	ZINC	4	240.6	307.0
33360	68111	ZINC	4	165.8	196.2
33361	68111	ZINC	4	144.2	255.2
33362	68111	ZINC	4	72.4	93.1
33365	68111	ZINC	4	149.3	258.8
33368	68111	ZINC	4	197.8	288.6
33369	68111	ZINC	5	224.1	242.8
33372	68111	ZINC	4	600.6	1237.9
33373	68111	ZINC	5	159.9	193.3
33374	68111	ZINC	4	177.4	196.2
33377	68111	ZINC	4	110.1	165.3
33378	68111	ZINC	4	284.4	438.1
33380	68111	ZINC	4	262.1	531.0
33382	68111	ZINC	4	172.3	277.7
33383	68111	ZINC	4	167.6	193.9
33384	68111	ZINC	4	124.9	147.2
33385	68111	ZINC	4	320.2	722.7
33386	68111	ZINC	4	380.9	618.4
33389	68111	ZINC	4	223.4	317.5
33390	68111	ZINC	4	129.4	149.2
33391	68111	ZINC	4	166.0	201.5
33392	68111	ZINC	4	145.0	217.8
33395	68111	ZINC	4	178.1	286.3
33397	68111	ZINC	4	299.4	432.7
33398	68111	ZINC	4	127.0	227.6
33400	68111	ZINC	4	184.7	247.6
33401	68111	ZINC	4	241.5	325.6
33405	68111	ZINC	4	132.9	155.6
33406	68111	ZINC	4	347.5	593.3
33407	68111	ZINC	4	258.4	334.1
33408	68111	ZINC	4	211.9	269.3
33411	68111	ZINC	4	167.1	313.9
33412	68111	ZINC	4	112.6	124.4
33414	68111	ZINC	4	172.1	238.7
33415	68111	ZINC	4	186.1	298.0
33416	68111	ZINC	4	199.5	378.1
33419	68111	ZINC	4	166.5	213.5
33424	68111	ZINC	4	134.5	153.8
33425	68111	ZINC	4	125.1	219.7
33429	68111	ZINC	4	194.1	351.9
33430	68111	ZINC	4	287.3	552.0
33431	68111	ZINC	4	205.1	265.6
33432	68111	ZINC	4	254.5	391.1
33433	68111	ZINC	4	151.4	174.3
33436	68111	ZINC	5	212.0	518.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33437	68111	ZINC	4	164.0	233.5
33438	68111	ZINC	4	138.4	212.0
33439	68111	ZINC	4	205.5	325.6
33441	68111	ZINC	4	158.5	224.2
33442	68111	ZINC	4	176.8	201.2
33447	68111	ZINC	4	337.9	540.0
33450	68111	ZINC	4	204.4	306.2
33451	68111	ZINC	4	174.5	341.2
33453	68111	ZINC	3	155.8	187.2
33456	68111	ZINC	4	235.4	330.9
33460	68111	ZINC	4	163.8	224.7
33461	68111	ZINC	4	368.8	601.4
33462	68111	ZINC	4	221.5	396.0
33463	68111	ZINC	4	177.1	207.6
33465	68111	ZINC	4	290.4	454.0
33467	68111	ZINC	4	290.2	485.7
33469	68111	ZINC	4	360.2	471.9
33470	68111	ZINC	4	157.6	302.8
33478	68111	ZINC	4	253.7	449.3
33479	68111	ZINC	4	253.2	363.4
33480	68111	ZINC	4	200.7	228.0
33482	68111	ZINC	4	392.0	636.7
33484	68111	ZINC	4	248.2	287.1
33485	68111	ZINC	4	154.4	167.7
33489	68111	ZINC	4	119.5	172.8
33490	68111	ZINC	4	451.5	806.7
33492	68111	ZINC	4	169.3	187.0
33493	68111	ZINC	5	238.8	519.1
33495	68111	ZINC	4	241.6	402.5
33496	68111	ZINC	3	302.8	460.9
33499	68111	ZINC	4	249.9	313.8
33501	68111	ZINC	4	332.0	537.3
33503	68111	ZINC	4	135.5	192.2
33504	68111	ZINC	4	173.8	242.3
33506	68111	ZINC	4	213.8	255.9
33511	68111	ZINC	4	172.6	204.7
33515	68111	ZINC	4	166.1	179.9
33517	68111	ZINC	4	338.0	566.2
33520	68111	ZINC	4	379.3	524.6
33521	68111	ZINC	4	245.3	343.4
33522	68111	ZINC	3	294.4	402.4
33523	68111	ZINC	4	156.1	177.5
33525	68111	ZINC	4	245.4	290.2
33526	68111	ZINC	4	242.3	272.4
33530	68111	ZINC	4	139.2	241.0
33531	68111	ZINC	4	171.2	210.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33534	68111	ZINC	4	254.5	412.5
33538	68111	ZINC	4	136.3	173.7
33542	68111	ZINC	4	217.9	449.1
33544	68111	ZINC	4	202.3	278.2
33545	68111	ZINC	4	197.6	245.7
33546	68111	ZINC	4	226.2	261.1
33549	68111	ZINC	4	173.9	191.0
33551	68111	ZINC	4	285.3	462.6
33552	68111	ZINC	5	230.6	274.0
33556	68111	ZINC	4	144.8	224.7
33558	68111	ZINC	2	151.7	183.8
33559	68111	ZINC	4	188.1	277.7
33561	68111	ZINC	4	310.3	532.4
33564	68111	ZINC	4	273.7	396.1
33565	68111	ZINC	4	143.9	205.6
33566	68111	ZINC	4	183.6	244.0
33567	68111	ZINC	4	138.9	181.6
33569	68111	ZINC	4	210.5	279.0
33570	68111	ZINC	3	149.3	185.7
33571	68111	ZINC	4	210.8	361.4
33572	68111	ZINC	4	163.1	223.1
33573	68111	ZINC	4	136.2	199.3
33574	68111	ZINC	4	147.5	167.8
33577	68111	ZINC	4	237.7	538.5
33578	68111	ZINC	4	231.9	393.6
33580	68111	ZINC	4	135.5	159.5
33581	68111	ZINC	4	466.1	1040.8
33583	68111	ZINC	4	181.6	291.7
33584	68111	ZINC	4	110.8	119.1
33587	68111	ZINC	3	266.0	400.8
33588	68111	ZINC	3	225.6	245.1
33593	68111	ZINC	3	194.2	242.2
33597	68111	ZINC	4	127.6	158.7
33598	68111	ZINC	4	170.3	198.3
33600	68111	ZINC	4	149.1	236.6
33601	68111	ZINC	4	181.8	216.9
33603	68111	ZINC	4	234.2	388.8
33604	68111	ZINC	4	110.6	122.0
33607	68111	ZINC	3	249.3	268.0
33608	68111	ZINC	4	150.7	180.2
33609	68111	ZINC	4	197.9	232.6
33610	68111	ZINC	4	445.2	752.3
33612	68111	ZINC	4	160.8	221.8
33614	68111	ZINC	1	212.7	212.7
33618	68111	ZINC	4	224.3	294.8
33619	68111	ZINC	4	148.8	177.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33621	68111	ZINC	4	155.4	180.3
33623	68111	ZINC	4	152.1	197.4
33628	68111	ZINC	4	272.0	287.9
33630	68111	ZINC	4	425.5	664.9
33631	68111	ZINC	4	181.5	236.2
33633	68111	ZINC	4	256.9	314.9
33634	68111	ZINC	4	301.9	486.7
33637	68111	ZINC	4	177.4	262.3
33641	68111	ZINC	4	152.3	181.9
33644	68111	ZINC	4	191.5	241.6
33645	68111	ZINC	4	161.3	225.4
33647	68111	ZINC	4	353.9	533.1
33648	68111	ZINC	4	197.7	264.5
33650	68111	ZINC	4	188.3	333.1
33651	68111	ZINC	4	228.5	250.4
33652	68111	ZINC	4	166.9	246.4
33654	68111	ZINC	4	182.5	208.4
33658	68111	ZINC	4	252.3	335.2
33661	68111	ZINC	3	214.9	309.2
33662	68111	ZINC	4	182.8	211.0
33664	68111	ZINC	4	200.3	213.4
33665	68111	ZINC	3	219.7	254.4
33666	68111	ZINC	4	207.7	327.1
33667	68111	ZINC	4	167.3	238.9
33668	68111	ZINC	4	94.6	157.0
33669	68111	ZINC	4	183.1	291.8
33671	68111	ZINC	4	172.2	192.4
33672	68111	ZINC	4	194.4	292.4
33673	68111	ZINC	4	135.1	158.2
33674	68111	ZINC	4	359.7	483.8
33675	68111	ZINC	3	236.3	310.1
33676	68111	ZINC	4	185.4	200.5
33678	68111	ZINC	4	143.3	200.6
33680	68111	ZINC	4	260.0	525.3
33683	68111	ZINC	2	223.0	228.9
33685	68111	ZINC	4	230.0	299.1
33686	68111	ZINC	4	199.4	281.5
33689	68111	ZINC	4	392.1	648.1
33690	68111	ZINC	4	163.0	268.5
33696	68111	ZINC	4	375.4	578.0
33701	68111	ZINC	4	151.7	213.3
33702	68111	ZINC	4	245.6	474.9
33703	68111	ZINC	4	180.5	364.5
33704	68111	ZINC	4	309.4	464.4
33705	68111	ZINC	4	202.2	359.4
33707	68111	ZINC	4	193.3	267.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33708	68111	ZINC	4	134.9	249.3
33710	68111	ZINC	4	273.1	319.2
33711	68111	ZINC	4	205.9	242.2
33712	68111	ZINC	4	197.0	315.2
33713	68111	ZINC	4	375.1	816.2
33715	68111	ZINC	4	129.5	154.2
33716	68111	ZINC	4	96.6	191.2
33717	68111	ZINC	4	163.0	213.6
33719	68111	ZINC	4	136.8	200.4
33720	68111	ZINC	2	616.6	639.9
33721	68111	ZINC	4	136.8	202.9
33722	68111	ZINC	4	105.5	127.4
33723	68111	ZINC	4	262.1	393.8
33724	68111	ZINC	4	213.9	274.0
33727	68111	ZINC	4	231.4	512.4
33729	68111	ZINC	4	74.7	82.9
33730	68111	ZINC	4	194.0	244.9
33733	68111	ZINC	4	102.8	128.4
33734	68111	ZINC	4	131.9	177.1
33736	68111	ZINC	4	157.3	168.7
33737	68111	ZINC	4	143.4	157.3
33738	68111	ZINC	4	107.8	173.7
33740	68111	ZINC	4	453.0	709.8
33741	68111	ZINC	5	192.6	256.9
33742	68111	ZINC	2	516.3	641.6
33743	68111	ZINC	5	154.7	192.0
33744	68111	ZINC	4	225.0	264.2
33745	68111	ZINC	4	167.9	201.6
33746	68111	ZINC	3	136.2	162.7
33750	68111	ZINC	4	262.6	367.5
33751	68111	ZINC	4	161.7	192.5
33752	68111	ZINC	4	195.4	247.0
33753	68111	ZINC	4	120.2	169.2
33755	68111	ZINC	4	311.5	581.6
33757	68111	ZINC	4	183.1	240.1
33758	68111	ZINC	4	262.9	297.1
33759	68111	ZINC	4	139.6	156.9
33760	68111	ZINC	4	223.3	326.3
33761	68111	ZINC	4	168.0	203.7
33763	68111	ZINC	4	268.3	575.7
33764	68111	ZINC	4	379.4	468.2
33767	68111	ZINC	4	189.2	239.1
33768	68111	ZINC	4	178.3	241.9
33769	68111	ZINC	3	187.7	220.4
33772	68111	ZINC	4	171.5	280.0
33780	68111	ZINC	4	149.6	225.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33781	68111	ZINC	4	254.4	379.8
33782	68111	ZINC	4	229.1	356.2
33785	68111	ZINC	4	179.8	243.7
33786	68111	ZINC	4	173.3	215.4
33788	68111	ZINC	4	280.7	364.8
33792	68111	ZINC	4	266.7	372.5
33794	68111	ZINC	4	178.8	184.7
33795	68111	ZINC	3	181.3	215.9
33796	68111	ZINC	4	170.5	245.1
33797	68111	ZINC	4	353.8	476.1
33799	68111	ZINC	4	267.4	357.9
33802	68111	ZINC	4	101.7	124.9
33803	68111	ZINC	4	294.7	358.0
33804	68111	ZINC	4	159.8	244.6
33805	68111	ZINC	4	207.5	250.2
33806	68111	ZINC	4	274.6	335.0
33807	68111	ZINC	3	154.9	224.6
33809	68111	ZINC	4	256.8	472.7
33810	68111	ZINC	4	295.3	535.2
33813	68111	ZINC	3	134.7	169.2
33817	68111	ZINC	4	301.1	406.6
33818	68111	ZINC	4	155.3	193.0
33822	68111	ZINC	4	159.4	202.7
33823	68111	ZINC	4	384.5	887.6
33827	68111	ZINC	4	182.5	194.0
33831	68111	ZINC	4	215.9	323.4
33832	68111	ZINC	4	293.9	487.9
33833	68111	ZINC	5	232.7	315.8
33835	68111	ZINC	4	272.6	322.0
33839	68111	ZINC	4	120.7	240.5
33843	68111	ZINC	3	214.6	271.6
33844	68111	ZINC	4	276.6	431.0
33845	68111	ZINC	4	144.0	193.1
33848	68111	ZINC	5	155.0	203.5
33850	68111	ZINC	4	350.9	555.6
33851	68111	ZINC	4	107.3	142.8
33856	68111	ZINC	5	204.4	456.9
33859	68111	ZINC	4	255.1	471.4
33861	68111	ZINC	4	122.0	159.8
33863	68111	ZINC	4	189.4	199.3
33865	68111	ZINC	4	233.5	274.2
33868	68111	ZINC	4	265.7	375.2
33869	68111	ZINC	4	130.8	232.8
33870	68111	ZINC	5	167.2	216.4
33871	68111	ZINC	4	242.6	295.9
33873	68111	ZINC	2	225.3	238.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33875	68111	ZINC	4	172.1	267.8
33878	68111	ZINC	4	156.8	163.0
33885	68111	ZINC	4	239.1	309.4
33889	68111	ZINC	4	196.3	281.1
33891	68111	ZINC	4	200.3	423.3
33895	68111	ZINC	4	166.9	261.2
33896	68111	ZINC	4	471.8	913.4
33899	68111	ZINC	4	261.4	349.9
33900	68111	ZINC	4	256.4	463.2
33901	68111	ZINC	3	144.7	160.4
33903	68111	ZINC	4	229.3	346.2
33908	68111	ZINC	4	235.3	324.7
33910	68111	ZINC	4	123.8	209.9
33911	68111	ZINC	4	187.0	237.5
33913	68111	ZINC	4	169.6	215.2
33915	68111	ZINC	4	276.4	386.0
33919	68111	ZINC	4	137.0	159.9
33923	68111	ZINC	4	110.7	128.1
33924	68111	ZINC	4	221.5	304.2
33930	68111	ZINC	4	182.0	217.7
33931	68111	ZINC	5	160.2	199.0
33932	68111	ZINC	4	188.5	263.7
33933	68111	ZINC	4	311.6	388.4
33937	68111	ZINC	4	174.8	185.5
33938	68111	ZINC	4	155.1	200.2
33939	68111	ZINC	4	228.5	344.6
33942	68111	ZINC	4	86.6	108.6
33944	68111	ZINC	4	256.0	544.1
33945	68111	ZINC	4	115.8	161.5
33947	68111	ZINC	4	166.0	235.8
33948	68111	ZINC	4	219.1	444.4
33949	68111	ZINC	4	108.4	138.3
33950	68111	ZINC	4	314.4	621.4
33951	68111	ZINC	2	175.3	179.9
33953	68111	ZINC	3	130.7	159.3
33954	68111	ZINC	3	210.9	238.8
33955	68111	ZINC	4	202.9	289.7
33956	68111	ZINC	2	239.2	316.1
33957	68111	ZINC	1	425.7	425.7
33959	68111	ZINC	4	190.1	209.4
33964	68111	ZINC	5	202.5	335.4
33966	68111	ZINC	4	209.3	411.4
33967	68111	ZINC	4	267.3	563.3
33971	68111	ZINC	3	164.6	190.3
33972	68111	ZINC	4	202.3	345.7
33976	68111	ZINC	2	792.4	1310.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
33977	68111	ZINC	4	190.1	219.6
33978	68111	ZINC	4	87.5	124.3
33981	68111	ZINC	4	219.5	305.6
33983	68111	ZINC	4	155.3	211.9
33985	68111	ZINC	4	342.5	722.7
33987	68111	ZINC	4	75.5	110.4
33988	68111	ZINC	4	228.7	279.8
33989	68111	ZINC	4	388.1	557.0
33992	68111	ZINC	3	229.5	369.3
33993	68111	ZINC	4	70.0	94.3
33995	68111	ZINC	5	173.7	259.0
33996	68111	ZINC	4	175.3	308.6
33997	68111	ZINC	4	197.3	248.0
33998	68111	ZINC	4	244.3	351.1
34001	68111	ZINC	4	287.3	335.5
34003	68111	ZINC	4	186.8	357.8
34004	68111	ZINC	4	202.4	265.6
34005	68111	ZINC	4	220.6	367.3
34006	68111	ZINC	5	176.7	225.0
34008	68111	ZINC	4	186.9	291.1
34011	68111	ZINC	4	187.4	249.1
34014	68111	ZINC	4	213.8	261.8
34015	68111	ZINC	5	176.0	294.2
34016	68111	ZINC	4	158.9	180.8
34017	68111	ZINC	4	188.6	259.0
34018	68111	ZINC	4	169.7	266.7
34019	68111	ZINC	4	231.2	414.4
34021	68111	ZINC	4	411.9	588.1
34025	68111	ZINC	4	221.9	354.5
34026	68111	ZINC	4	183.2	401.2
34028	68111	ZINC	5	221.3	468.6
34031	68111	ZINC	4	159.0	186.8
34032	68111	ZINC	4	243.7	407.9
34036	68111	ZINC	5	238.2	484.0
34037	68111	ZINC	3	191.6	300.8
34040	68111	ZINC	4	353.0	954.0
34042	68111	ZINC	4	121.1	164.5
34043	68111	ZINC	4	90.0	101.3
34044	68111	ZINC	3	175.2	214.6
34051	68111	ZINC	4	199.6	265.3
34052	68111	ZINC	4	253.4	434.6
34056	68111	ZINC	4	176.5	195.5
34059	68111	ZINC	4	190.5	231.0
34060	68111	ZINC	4	348.8	408.0
34061	68111	ZINC	4	127.2	167.6
34062	68111	ZINC	4	277.3	401.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34063	68111	ZINC	4	154.6	191.0
34064	68111	ZINC	3	183.5	190.4
34065	68111	ZINC	4	205.2	251.7
34066	68111	ZINC	4	251.6	311.9
34067	68111	ZINC	4	118.2	224.0
34069	68111	ZINC	5	116.0	134.5
34070	68111	ZINC	4	180.5	288.9
34074	68111	ZINC	4	308.8	475.0
34075	68111	ZINC	5	166.2	224.0
34077	68111	ZINC	4	220.8	274.1
34078	68111	ZINC	4	268.1	540.5
34079	68111	ZINC	4	172.6	233.3
34080	68111	ZINC	4	255.8	328.0
34082	68111	ZINC	5	154.2	191.5
34083	68111	ZINC	4	287.7	468.3
34084	68111	ZINC	4	363.3	535.6
34085	68111	ZINC	4	107.9	178.3
34086	68111	ZINC	4	139.6	154.5
34087	68111	ZINC	3	236.5	271.0
34088	68111	ZINC	4	159.2	191.8
34090	68111	ZINC	4	199.1	213.1
34091	68111	ZINC	4	137.1	164.6
34094	68111	ZINC	4	211.1	282.2
34095	68111	ZINC	4	195.9	264.0
34099	68111	ZINC	3	340.4	693.5
34101	68111	ZINC	4	179.5	254.9
34103	68111	ZINC	4	205.8	360.2
34105	68111	ZINC	4	385.7	534.7
34107	68111	ZINC	4	94.3	132.6
34111	68111	ZINC	3	228.4	270.9
34112	68111	ZINC	4	241.2	381.1
34113	68111	ZINC	4	150.2	310.4
34118	68111	ZINC	4	240.8	457.4
34119	68111	ZINC	3	145.2	177.8
34120	68111	ZINC	3	247.6	360.5
34125	68111	ZINC	4	278.9	510.0
34126	68111	ZINC	3	190.8	269.0
34127	68111	ZINC	5	150.8	200.0
34128	68111	ZINC	4	754.4	1978.2
34129	68111	ZINC	4	182.5	259.7
34130	68111	ZINC	4	135.0	170.1
34131	68111	ZINC	4	160.1	265.8
34135	68111	ZINC	4	236.4	359.4
34136	68111	ZINC	5	108.7	199.2
34137	68111	ZINC	4	192.5	408.8
34139	68111	ZINC	4	288.2	590.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34140	68111	ZINC	4	200.0	247.0
34141	68111	ZINC	5	261.0	320.7
34142	68111	ZINC	4	225.9	277.9
34143	68111	ZINC	4	209.6	236.4
34144	68111	ZINC	4	218.8	296.9
34145	68111	ZINC	4	181.8	205.0
34146	68111	ZINC	4	199.9	449.8
34147	68111	ZINC	4	222.5	291.6
34149	68111	ZINC	4	207.8	270.7
34151	68111	ZINC	4	208.9	306.8
34153	68111	ZINC	3	165.6	175.3
34154	68111	ZINC	4	241.6	328.7
34155	68111	ZINC	4	134.4	183.6
34156	68111	ZINC	4	308.1	578.8
34157	68111	ZINC	4	254.5	337.4
34158	68111	ZINC	4	115.6	128.8
34160	68111	ZINC	4	250.9	380.9
34161	68111	ZINC	3	170.4	193.1
34163	68111	ZINC	4	228.9	400.0
34164	68111	ZINC	3	287.5	314.8
34165	68111	ZINC	4	116.8	145.7
34169	68111	ZINC	4	177.6	235.3
34170	68111	ZINC	4	281.9	601.8
34173	68111	ZINC	4	204.3	289.4
34179	68111	ZINC	2	101.7	153.9
34180	68111	ZINC	2	120.1	135.3
34181	68111	ZINC	4	74.2	129.0
34182	68111	ZINC	4	205.9	267.1
34183	68111	ZINC	4	337.4	407.5
34184	68111	ZINC	4	269.2	387.0
34186	68111	ZINC	4	167.1	207.0
34187	68111	ZINC	4	187.7	210.7
34192	68111	ZINC	4	189.8	239.6
34193	68111	ZINC	2	309.7	324.4
34194	68111	ZINC	4	242.9	342.1
34196	68111	ZINC	4	236.6	380.9
34197	68111	ZINC	3	356.3	454.7
34198	68111	ZINC	4	282.4	416.2
34199	68111	ZINC	4	410.6	615.4
34200	68111	ZINC	4	128.1	157.1
34202	68111	ZINC	3	441.9	610.1
34203	68111	ZINC	4	174.9	236.3
34204	68111	ZINC	4	171.2	234.8
34207	68111	ZINC	4	114.0	135.2
34209	68111	ZINC	3	421.3	605.6
34211	68111	ZINC	4	241.3	247.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34212	68111	ZINC	4	192.2	218.1
34215	68111	ZINC	4	193.0	241.7
34216	68111	ZINC	4	231.5	287.0
34217	68111	ZINC	4	134.4	169.6
34219	68111	ZINC	4	116.1	124.5
34220	68111	ZINC	4	211.8	263.8
34221	68111	ZINC	5	263.1	514.8
34222	68111	ZINC	4	302.4	481.4
34223	68111	ZINC	4	179.5	209.4
34224	68111	ZINC	4	222.8	251.0
34225	68111	ZINC	4	248.6	300.9
34226	68111	ZINC	5	203.4	258.5
34228	68111	ZINC	4	323.2	536.4
34229	68111	ZINC	4	271.8	302.5
34231	68111	ZINC	4	423.5	595.4
34233	68111	ZINC	2	282.6	311.8
34234	68111	ZINC	4	245.5	386.4
34238	68111	ZINC	4	401.3	513.2
34247	68111	ZINC	4	221.1	290.4
34248	68111	ZINC	4	188.4	360.0
34250	68111	ZINC	5	253.5	372.0
34251	68111	ZINC	5	358.0	502.0
34252	68111	ZINC	4	379.1	491.2
34253	68111	ZINC	4	228.5	262.4
34255	68111	ZINC	4	209.4	258.7
34257	68111	ZINC	4	433.8	574.3
34258	68111	ZINC	4	219.1	353.4
34259	68111	ZINC	4	291.3	353.8
34314	68111	ZINC	3	348.8	484.5
34315	68111	ZINC	4	229.4	280.2
34317	68111	ZINC	4	307.9	558.7
34320	68111	ZINC	4	203.2	225.8
34326	68111	ZINC	4	97.8	106.6
34327	68111	ZINC	5	191.6	436.9
34329	68111	ZINC	2	621.7	650.0
34331	68111	ZINC	2	396.4	407.9
34333	68111	ZINC	4	392.4	483.1
34334	68111	ZINC	4	396.8	611.4
34336	68111	ZINC	4	242.0	309.6
34342	68111	ZINC	4	185.9	209.0
34344	68111	ZINC	4	236.8	275.8
34347	68111	ZINC	4	489.9	901.6
34348	68111	ZINC	4	310.0	411.9
34351	68111	ZINC	2	336.9	451.6
34355	68111	ZINC	2	118.8	166.5
34370	68111	ZINC	3	230.4	315.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34371	68111	ZINC	4	400.5	565.0
34372	68111	ZINC	4	297.3	389.1
34373	68111	ZINC	3	360.3	501.1
34374	68111	ZINC	4	249.5	366.4
34376	68111	ZINC	4	189.2	245.8
34377	68111	ZINC	4	193.9	267.8
34380	68111	ZINC	4	236.0	275.0
34382	68111	ZINC	4	159.9	227.7
34383	68111	ZINC	3	261.4	428.1
34384	68111	ZINC	4	240.2	435.9
34385	68111	ZINC	4	293.3	423.5
34386	68111	ZINC	4	204.2	271.4
34387	68111	ZINC	6	308.0	401.9
34389	68111	ZINC	4	198.4	417.0
34391	68111	ZINC	4	211.5	284.5
34392	68111	ZINC	4	266.9	337.4
34393	68111	ZINC	3	214.0	287.2
34395	68111	ZINC	4	161.8	210.8
34396	68111	ZINC	4	171.0	195.7
34400	68111	ZINC	4	151.2	230.1
34401	68111	ZINC	4	273.6	394.4
34402	68111	ZINC	4	218.8	254.4
34403	68111	ZINC	4	317.3	485.6
34404	68111	ZINC	4	249.2	392.1
34406	68111	ZINC	4	200.4	273.8
34407	68111	ZINC	4	157.2	201.0
34408	68111	ZINC	4	173.5	261.9
34409	68111	ZINC	4	199.5	240.2
34410	68111	ZINC	5	229.5	331.5
34414	68111	ZINC	4	111.7	132.6
34416	68111	ZINC	3	98.5	102.5
34421	68111	ZINC	4	75.9	116.0
34422	68111	ZINC	4	121.3	140.8
34423	68111	ZINC	4	205.9	254.9
34424	68111	ZINC	4	121.2	145.1
34425	68111	ZINC	4	106.2	127.3
34426	68111	ZINC	4	164.5	192.1
34428	68111	ZINC	4	112.0	132.6
34429	68111	ZINC	5	158.8	207.1
34430	68111	ZINC	3	130.4	184.1
34432	68111	ZINC	4	179.4	252.5
34433	68111	ZINC	4	199.4	316.7
34434	68111	ZINC	3	175.0	230.7
34443	68111	ZINC	4	200.6	279.3
34444	68111	ZINC	4	455.8	601.5
34445	68111	ZINC	4	153.6	231.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34448	68111	ZINC	4	319.2	385.5
34450	68111	ZINC	4	166.1	238.4
34454	68111	ZINC	4	214.1	255.3
34456	68111	ZINC	4	209.2	246.2
34460	68111	ZINC	4	236.0	269.0
34462	68111	ZINC	4	173.6	198.7
34468	68111	ZINC	4	203.1	259.7
34470	68111	ZINC	3	255.9	303.0
34471	68111	ZINC	4	400.1	880.4
34472	68111	ZINC	4	292.8	429.6
34474	68111	ZINC	4	189.5	227.9
34476	68111	ZINC	4	207.4	263.6
34478	68111	ZINC	4	148.5	204.1
34480	68111	ZINC	4	178.1	200.1
34481	68111	ZINC	4	192.9	283.3
34484	68111	ZINC	4	172.8	191.6
34485	68111	ZINC	4	196.8	263.1
34487	68111	ZINC	4	233.6	458.0
34489	68111	ZINC	4	236.9	291.7
34490	68111	ZINC	4	146.2	195.5
34491	68111	ZINC	4	251.7	327.7
34492	68111	ZINC	5	276.0	351.9
34496	68111	ZINC	4	329.9	468.6
34497	68111	ZINC	4	206.0	381.6
34499	68111	ZINC	3	281.3	402.3
34500	68111	ZINC	4	218.4	271.1
34502	68111	ZINC	4	209.1	336.8
34503	68111	ZINC	4	118.5	146.0
34505	68111	ZINC	5	164.0	279.5
34506	68111	ZINC	4	181.6	205.4
34507	68111	ZINC	3	325.1	355.1
34509	68111	ZINC	4	196.8	231.3
34512	68111	ZINC	4	395.1	551.2
34518	68111	ZINC	4	240.2	286.4
34521	68111	ZINC	4	436.2	1196.6
34522	68111	ZINC	4	274.1	376.5
34523	68111	ZINC	4	378.8	468.0
34527	68111	ZINC	4	224.7	328.9
34535	68111	ZINC	4	287.0	416.7
34538	68111	ZINC	4	256.1	305.8
34539	68111	ZINC	2	132.4	144.2
34545	68111	ZINC	4	114.2	136.0
34547	68111	ZINC	4	166.5	234.0
34550	68111	ZINC	4	198.5	300.4
34553	68111	ZINC	4	107.4	147.6
34555	68111	ZINC	4	135.7	145.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34558	68111	ZINC	4	116.6	126.8
34560	68111	ZINC	4	244.8	314.0
34562	68111	ZINC	4	107.0	119.1
34565	68111	ZINC	4	148.2	259.3
34568	68111	ZINC	4	222.1	270.5
34570	68111	ZINC	4	103.6	128.3
34572	68111	ZINC	4	145.8	163.1
34574	68111	ZINC	4	179.7	401.0
34575	68111	ZINC	4	114.4	118.9
34580	68111	ZINC	4	159.3	201.6
34581	68111	ZINC	4	256.2	387.4
34583	68111	ZINC	4	160.1	217.0
34586	68111	ZINC	4	207.7	219.3
34591	68111	ZINC	4	234.0	301.2
34594	68111	ZINC	4	228.6	373.7
34595	68111	ZINC	4	201.1	302.0
34599	68111	ZINC	4	205.9	271.1
34600	68111	ZINC	4	188.5	267.3
34605	68111	ZINC	4	326.7	726.2
34606	68111	ZINC	4	124.2	186.7
34609	68111	ZINC	4	303.6	439.5
34612	68111	ZINC	4	285.7	385.3
34615	68111	ZINC	4	172.9	236.3
34616	68111	ZINC	4	214.6	268.5
34621	68111	ZINC	4	211.6	296.3
34624	68111	ZINC	4	149.5	184.4
34626	68111	ZINC	5	221.1	297.0
34627	68111	ZINC	4	281.1	483.5
34628	68111	ZINC	4	491.1	1330.9
34629	68111	ZINC	4	160.2	170.0
34635	68111	ZINC	4	295.6	493.8
34639	68111	ZINC	4	193.5	280.8
34648	68111	ZINC	4	70.5	105.4
34651	68111	ZINC	4	168.3	288.2
34654	68111	ZINC	4	237.0	363.0
34663	68111	ZINC	4	186.5	213.8
34665	68111	ZINC	4	55.5	84.7
34668	68111	ZINC	5	197.3	241.5
34669	68111	ZINC	4	147.1	172.6
34670	68111	ZINC	4	162.0	238.0
34672	68111	ZINC	4	118.4	169.1
34675	68111	ZINC	4	192.9	248.9
34676	68111	ZINC	4	125.2	166.7
34679	68111	ZINC	4	184.8	215.1
34684	68111	ZINC	4	120.6	132.4
34685	68111	ZINC	4	154.0	184.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34686	68111	ZINC	4	215.2	301.8
34689	68111	ZINC	4	157.3	176.2
34690	68111	ZINC	4	103.3	108.5
34691	68111	ZINC	4	125.7	145.9
34693	68111	ZINC	4	193.9	446.2
34699	68111	ZINC	4	257.1	346.4
34701	68111	ZINC	2	216.4	245.8
34703	68111	ZINC	4	252.1	379.4
34706	68111	ZINC	4	374.6	490.7
34707	68111	ZINC	3	209.3	269.3
34709	68111	ZINC	4	66.0	99.5
34711	68111	ZINC	4	358.0	412.5
34713	68111	ZINC	3	304.2	476.7
34729	68111	ZINC	4	197.2	226.3
34735	68111	ZINC	4	105.6	111.2
34743	68111	ZINC	4	167.7	280.8
34747	68111	ZINC	4	194.9	424.1
34748	68111	ZINC	4	218.4	324.2
34749	68111	ZINC	4	110.8	139.6
34751	68111	ZINC	4	199.1	247.2
34755	68111	ZINC	4	139.5	170.2
34758	68111	ZINC	4	224.2	241.4
34759	68111	ZINC	4	205.4	272.9
34766	68111	ZINC	4	213.6	306.9
34767	68111	ZINC	4	260.7	476.2
34771	68111	ZINC	4	180.1	228.6
34777	68111	ZINC	3	161.8	188.8
34778	68111	ZINC	4	172.3	283.0
34780	68111	ZINC	4	385.4	483.7
34781	68111	ZINC	4	185.0	271.5
34784	68111	ZINC	4	236.4	317.7
34790	68111	ZINC	4	274.0	536.4
34792	68111	ZINC	4	156.5	203.2
34794	68111	ZINC	4	172.9	203.5
34797	68111	ZINC	4	49.2	50.2
34799	68111	ZINC	4	411.3	588.3
34801	68111	ZINC	4	124.9	152.0
34805	68111	ZINC	4	136.9	233.4
34812	68111	ZINC	4	247.9	292.3
34814	68111	ZINC	4	179.4	232.7
34817	68111	ZINC	4	164.6	187.9
34820	68111	ZINC	4	174.1	288.8
34822	68111	ZINC	4	198.2	256.7
34826	68111	ZINC	4	294.3	439.9
34827	68111	ZINC	4	329.6	480.5
34829	68111	ZINC	4	178.0	221.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34830	68111	ZINC	4	308.9	551.3
34833	68111	ZINC	5	311.6	452.7
34835	68111	ZINC	4	141.5	197.1
34836	68111	ZINC	4	142.4	262.4
34852	68111	ZINC	4	188.8	233.6
34853	68111	ZINC	5	124.1	145.7
34856	68111	ZINC	3	152.4	198.4
34862	68111	ZINC	3	149.9	188.0
34863	68111	ZINC	5	191.7	344.5
34864	68111	ZINC	4	189.2	239.3
34867	68111	ZINC	3	261.6	359.0
34868	68111	ZINC	4	260.4	349.2
34869	68111	ZINC	4	115.7	131.1
34872	68111	ZINC	4	120.4	127.0
34874	68111	ZINC	4	113.5	122.3
34876	68111	ZINC	4	109.5	119.5
34881	68111	ZINC	3	160.9	212.4
34884	68111	ZINC	5	69.0	107.8
34887	68111	ZINC	4	200.8	287.3
34888	68111	ZINC	4	266.3	387.0
34889	68111	ZINC	4	71.0	96.1
34892	68111	ZINC	4	108.6	117.1
34896	68111	ZINC	4	217.4	288.1
34897	68111	ZINC	4	89.6	113.9
34898	68111	ZINC	4	100.7	133.0
34904	68111	ZINC	4	342.4	766.2
34908	68111	ZINC	4	235.9	382.9
34911	68111	ZINC	4	201.0	236.2
34916	68111	ZINC	4	262.8	322.7
34917	68111	ZINC	4	212.5	347.0
34918	68111	ZINC	4	233.6	276.7
34920	68111	ZINC	4	247.0	412.2
34921	68111	ZINC	4	347.0	574.8
34922	68111	ZINC	4	225.0	250.5
34923	68111	ZINC	4	149.3	170.7
34925	68111	ZINC	4	256.0	297.1
34926	68111	ZINC	4	165.2	192.5
34928	68111	ZINC	4	120.9	153.5
34930	68111	ZINC	4	267.1	372.0
34931	68111	ZINC	4	128.0	187.5
34934	68111	ZINC	5	203.2	286.4
34935	68111	ZINC	4	277.8	340.7
34936	68111	ZINC	5	224.0	583.0
34938	68111	ZINC	4	222.1	287.2
34940	68111	ZINC	1	205.2	205.2
34941	68111	ZINC	3	283.9	365.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
34942	68111	ZINC	4	216.8	273.1
34943	68111	ZINC	4	247.1	525.0
34944	68111	ZINC	4	493.1	770.0
34945	68111	ZINC	4	153.2	163.0
34946	68111	ZINC	4	165.1	227.6
34948	68111	ZINC	4	292.5	545.9
34950	68111	ZINC	4	212.1	287.3
34953	68111	ZINC	5	259.8	589.0
34954	68111	ZINC	5	218.9	387.7
34957	68111	ZINC	5	189.9	245.3
34958	68111	ZINC	4	207.2	463.5
34959	68111	ZINC	4	185.4	206.0
34960	68111	ZINC	4	272.4	345.0
34962	68111	ZINC	4	227.5	330.7
34963	68111	ZINC	5	156.3	273.8
34964	68111	ZINC	5	220.8	238.7
34966	68111	ZINC	4	192.9	242.1
34968	68111	ZINC	4	201.2	301.9
34971	68111	ZINC	4	286.3	495.1
34974	68111	ZINC	4	193.7	215.9
34977	68111	ZINC	3	186.7	245.7
34979	68111	ZINC	4	212.9	292.1
34981	68111	ZINC	5	170.6	203.7
34985	68111	ZINC	4	201.0	229.5
34990	68111	ZINC	4	219.2	288.7
34992	68111	ZINC	4	117.8	137.7
34993	68111	ZINC	4	264.5	313.2
34995	68111	ZINC	4	94.6	107.6
34996	68111	ZINC	4	258.2	369.5
34999	68111	ZINC	4	302.0	365.0
35002	68111	ZINC	4	250.0	269.9
35003	68111	ZINC	4	348.8	691.4
35005	68111	ZINC	5	323.0	524.2
35006	68111	ZINC	4	286.2	561.1
35011	68111	ZINC	4	252.0	313.8
35014	68111	ZINC	4	260.2	455.1
35023	68111	ZINC	4	359.9	496.6
35024	68111	ZINC	4	213.8	235.5
35026	68111	ZINC	4	206.4	327.8
35029	68111	ZINC	4	162.8	179.2
35032	68111	ZINC	4	228.3	313.2
35034	68111	ZINC	4	252.6	364.7
35035	68111	ZINC	4	136.2	150.1
35039	68111	ZINC	4	398.5	896.1
35041	68111	ZINC	4	148.4	179.6
35042	68111	ZINC	4	138.2	200.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35043	68111	ZINC	4	162.3	206.0
35050	68111	ZINC	4	131.8	166.7
35054	68111	ZINC	4	321.8	588.3
35055	68111	ZINC	4	145.7	186.3
35056	68111	ZINC	4	215.2	274.7
35059	68111	ZINC	4	170.7	286.6
35061	68111	ZINC	4	374.3	853.0
35066	68111	ZINC	4	176.9	209.5
35072	68111	ZINC	4	180.3	233.0
35073	68111	ZINC	4	233.5	339.5
35077	68111	ZINC	5	292.6	492.5
35079	68111	ZINC	4	102.7	129.8
35082	68111	ZINC	4	165.1	272.6
35083	68111	ZINC	5	96.7	121.5
35089	68111	ZINC	4	269.4	387.7
35094	68111	ZINC	4	211.0	321.6
35095	68111	ZINC	4	248.5	341.6
35097	68111	ZINC	4	244.3	307.8
35099	68111	ZINC	5	111.7	188.2
35101	68111	ZINC	4	188.8	258.4
35104	68111	ZINC	4	255.0	396.2
35106	68111	ZINC	4	216.6	363.9
35107	68111	ZINC	4	335.3	867.5
35108	68111	ZINC	3	175.4	247.7
35109	68111	ZINC	4	316.1	387.0
35112	68111	ZINC	4	414.0	1097.2
35115	68111	ZINC	4	198.0	224.9
35117	68111	ZINC	4	242.5	259.7
35118	68111	ZINC	4	107.0	113.3
35119	68111	ZINC	4	304.2	486.0
35121	68111	ZINC	4	252.0	380.7
35123	68111	ZINC	5	272.1	332.5
35124	68111	ZINC	4	249.9	289.4
35125	68111	ZINC	4	189.0	267.5
35128	68111	ZINC	4	211.3	240.3
35130	68111	ZINC	3	264.0	306.2
35133	68111	ZINC	4	301.2	406.4
35136	68111	ZINC	4	151.8	186.8
35137	68111	ZINC	4	432.5	472.5
35138	68111	ZINC	3	182.5	205.8
35141	68111	ZINC	4	204.1	326.5
35142	68111	ZINC	3	180.8	233.4
35144	68111	ZINC	5	238.0	457.7
35145	68111	ZINC	2	148.3	153.5
35146	68111	ZINC	4	185.7	366.6
35149	68111	ZINC	4	518.6	774.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35151	68111	ZINC	5	138.0	222.6
35152	68111	ZINC	4	371.9	670.2
35154	68111	ZINC	3	285.8	312.8
35155	68111	ZINC	4	243.2	314.5
35156	68111	ZINC	3	292.6	474.2
35161	68111	ZINC	4	195.9	266.4
35162	68111	ZINC	4	206.4	291.6
35163	68111	ZINC	4	203.9	271.3
35164	68111	ZINC	4	224.4	270.4
35165	68111	ZINC	5	274.3	486.4
35167	68111	ZINC	4	142.6	203.1
35173	68111	ZINC	4	369.4	747.5
35175	68111	ZINC	4	220.7	307.3
35179	68111	ZINC	2	174.6	187.7
35181	68111	ZINC	4	229.1	265.6
35186	68111	ZINC	4	190.8	238.7
35189	68111	ZINC	4	111.8	125.4
35193	68111	ZINC	4	264.8	308.3
35195	68111	ZINC	4	182.5	254.1
35201	68111	ZINC	4	234.2	299.6
35206	68111	ZINC	4	106.9	138.7
35214	68111	ZINC	4	107.6	131.1
35217	68111	ZINC	4	181.2	202.6
35218	68111	ZINC	4	149.9	169.2
35222	68111	ZINC	4	234.9	398.5
35223	68111	ZINC	4	182.2	257.0
35225	68111	ZINC	4	184.8	329.4
35227	68111	ZINC	4	224.4	346.1
35229	68111	ZINC	4	208.8	371.0
35231	68111	ZINC	4	168.3	239.3
35232	68111	ZINC	3	118.2	226.7
35233	68111	ZINC	4	157.4	208.4
35236	68111	ZINC	4	258.3	294.9
35240	68111	ZINC	4	259.1	321.4
35242	68111	ZINC	4	321.8	461.0
35247	68111	ZINC	3	161.8	186.9
35251	68111	ZINC	5	242.5	268.3
35252	68111	ZINC	4	319.8	353.1
35262	68111	ZINC	4	222.2	289.6
35263	68111	ZINC	4	134.7	138.1
35266	68111	ZINC	4	215.2	256.2
35268	68111	ZINC	4	305.5	466.7
35269	68111	ZINC	4	146.7	158.1
35270	68111	ZINC	4	330.7	505.4
35271	68111	ZINC	3	189.6	239.3
35272	68111	ZINC	3	117.6	120.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35273	68111	ZINC	4	400.2	521.3
35275	68111	ZINC	4	238.4	263.5
35277	68111	ZINC	4	273.5	455.2
35279	68111	ZINC	4	275.2	465.5
35281	68111	ZINC	3	163.5	196.0
35284	68111	ZINC	4	305.5	481.5
35285	68111	ZINC	5	285.2	483.1
35287	68111	ZINC	4	225.8	407.4
35288	68111	ZINC	4	215.5	288.5
35290	68111	ZINC	4	281.6	313.0
35291	68111	ZINC	4	349.7	508.7
35293	68111	ZINC	4	151.6	187.7
35294	68111	ZINC	4	162.1	216.9
35295	68111	ZINC	3	175.9	229.8
35296	68111	ZINC	4	342.4	695.9
35301	68111	ZINC	4	387.7	455.2
35305	68111	ZINC	4	245.1	277.5
35306	68111	ZINC	4	218.2	313.5
35309	68111	ZINC	4	243.8	303.4
35310	68111	ZINC	4	256.8	323.5
35311	68111	ZINC	4	192.9	260.5
35314	68111	ZINC	4	199.9	227.3
35316	68111	ZINC	4	246.7	425.3
35317	68111	ZINC	4	184.3	261.7
35322	68111	ZINC	4	184.6	212.4
35324	68111	ZINC	4	132.2	135.1
35328	68111	ZINC	4	177.0	288.5
35329	68111	ZINC	4	223.9	308.1
35332	68111	ZINC	4	176.1	236.8
35334	68111	ZINC	4	196.3	213.6
35345	68111	ZINC	3	310.9	449.5
35350	68111	ZINC	5	181.4	275.4
35352	68111	ZINC	4	174.5	239.4
35354	68111	ZINC	3	173.5	292.7
35355	68111	ZINC	4	245.7	447.0
35359	68111	ZINC	4	429.2	768.3
35360	68111	ZINC	4	213.9	326.7
35367	68111	ZINC	4	133.7	198.4
35369	68111	ZINC	4	554.2	932.1
35373	68111	ZINC	4	146.2	197.0
35375	68111	ZINC	4	238.0	332.6
35376	68111	ZINC	4	237.4	298.4
35378	68111	ZINC	4	181.2	281.7
35382	68111	ZINC	4	227.8	337.0
35385	68111	ZINC	4	228.5	311.4
35387	68111	ZINC	4	136.6	151.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35393	68111	ZINC	4	183.8	244.6
35394	68111	ZINC	4	175.5	188.7
35398	68111	ZINC	4	197.4	237.5
35399	68111	ZINC	4	203.0	260.5
35401	68111	ZINC	3	126.6	164.0
35404	68111	ZINC	6	676.1	2660.0
35406	68111	ZINC	4	253.2	324.2
35407	68111	ZINC	4	361.0	523.2
35409	68111	ZINC	4	159.5	179.7
35411	68111	ZINC	4	183.5	457.2
35412	68111	ZINC	4	123.6	150.3
35414	68111	ZINC	4	223.6	297.9
35415	68111	ZINC	4	167.5	194.0
35417	68111	ZINC	5	166.1	250.0
35418	68111	ZINC	4	210.0	235.5
35425	68111	ZINC	4	219.7	367.4
35427	68111	ZINC	5	170.9	210.6
35428	68111	ZINC	4	238.6	335.4
35429	68111	ZINC	4	204.2	290.4
35430	68111	ZINC	4	247.5	302.6
35435	68111	ZINC	4	252.8	298.2
35437	68111	ZINC	4	214.4	264.6
35442	68111	ZINC	3	297.7	505.9
35444	68111	ZINC	4	152.5	175.7
35448	68111	ZINC	3	349.0	491.6
35451	68111	ZINC	4	192.5	325.6
35453	68111	ZINC	4	267.8	325.9
35456	68111	ZINC	4	206.5	311.5
35458	68111	ZINC	5	224.3	441.3
35460	68111	ZINC	4	258.2	456.4
35462	68111	ZINC	4	144.9	171.4
35466	68111	ZINC	3	212.5	230.7
35468	68111	ZINC	4	265.9	359.9
35469	68111	ZINC	4	237.5	468.0
35470	68111	ZINC	4	275.9	411.6
35473	68111	ZINC	4	265.7	281.9
35474	68111	ZINC	4	279.4	541.1
35475	68111	ZINC	4	232.3	318.6
35483	68111	ZINC	4	211.7	294.5
35488	68111	ZINC	4	220.7	340.1
35492	68111	ZINC	4	421.3	494.7
35495	68111	ZINC	4	174.7	197.8
35498	68111	ZINC	4	211.0	290.3
35499	68111	ZINC	4	162.8	223.5
35503	68111	ZINC	5	217.0	330.3
35506	68111	ZINC	4	486.4	1208.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35507	68111	ZINC	4	218.8	307.4
35509	68111	ZINC	4	201.7	250.3
35511	68111	ZINC	4	152.9	174.7
35513	68111	ZINC	4	148.2	192.0
35517	68111	ZINC	4	211.8	352.3
35518	68111	ZINC	2	178.1	205.5
35519	68111	ZINC	4	168.8	208.1
35521	68111	ZINC	4	163.7	218.1
35529	68111	ZINC	4	156.7	221.5
35534	68111	ZINC	4	239.5	306.7
35535	68111	ZINC	4	199.4	324.6
35536	68111	ZINC	4	269.8	581.0
35537	68111	ZINC	4	210.0	278.6
35538	68111	ZINC	4	146.2	199.0
35540	68111	ZINC	4	230.1	317.6
35545	68111	ZINC	4	145.4	201.7
35548	68111	ZINC	4	250.7	351.2
35550	68111	ZINC	4	265.3	353.2
35553	68111	ZINC	4	135.0	193.7
35556	68111	ZINC	4	200.4	324.1
35560	68111	ZINC	4	220.0	236.5
35561	68111	ZINC	4	231.3	411.3
35563	68111	ZINC	4	184.3	209.0
35564	68111	ZINC	4	175.0	221.5
35565	68111	ZINC	3	347.2	591.2
35567	68111	ZINC	4	319.9	720.1
35571	68111	ZINC	4	194.0	280.5
35572	68111	ZINC	3	390.3	518.7
35574	68111	ZINC	4	248.1	344.3
35575	68111	ZINC	4	209.5	281.5
35576	68111	ZINC	4	216.6	304.0
35579	68111	ZINC	4	257.7	499.3
35580	68111	ZINC	4	89.0	110.0
35581	68111	ZINC	5	282.2	464.4
35584	68111	ZINC	5	186.0	257.1
35585	68111	ZINC	4	292.9	373.3
35587	68111	ZINC	4	274.6	423.9
35588	68111	ZINC	4	194.8	271.1
35590	68111	ZINC	4	169.1	207.8
35594	68111	ZINC	4	195.7	275.2
35596	68111	ZINC	1	224.5	224.5
35599	68111	ZINC	4	188.5	251.7
35600	68111	ZINC	4	131.2	137.1
35601	68111	ZINC	5	180.1	247.9
35602	68111	ZINC	4	133.2	173.9
35604	68111	ZINC	4	260.4	706.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35605	68111	ZINC	4	209.0	223.3
35608	68111	ZINC	4	204.3	359.4
35610	68111	ZINC	1	135.7	135.7
35612	68111	ZINC	3	152.3	164.0
35613	68111	ZINC	5	117.5	163.8
35614	68111	ZINC	4	146.9	192.7
35615	68111	ZINC	3	257.9	380.3
35619	68111	ZINC	4	200.7	351.6
35620	68111	ZINC	4	119.5	157.3
35623	68111	ZINC	4	175.6	282.1
35624	68111	ZINC	4	192.8	213.4
35626	68111	ZINC	4	206.9	226.2
35630	68111	ZINC	4	211.7	367.3
35651	68111	ZINC	4	238.3	313.0
35652	68111	ZINC	4	170.0	280.9
35660	68111	ZINC	4	183.7	193.9
35666	68111	ZINC	4	176.5	269.5
35672	68111	ZINC	4	457.6	1232.0
35675	68111	ZINC	4	197.5	240.0
35684	68111	ZINC	4	221.4	333.8
35685	68111	ZINC	4	189.8	233.2
35691	68111	ZINC	4	230.6	333.6
35692	68111	ZINC	4	79.8	110.2
35698	68111	ZINC	5	351.0	507.5
35700	68111	ZINC	4	220.9	423.0
35704	68111	ZINC	4	154.9	198.9
35709	68111	ZINC	4	228.2	290.2
35711	68111	ZINC	4	350.1	895.2
35715	68111	ZINC	4	461.1	1117.3
35717	68111	ZINC	5	174.4	225.9
35718	68111	ZINC	5	104.9	113.9
35722	68111	ZINC	4	246.6	306.0
35723	68111	ZINC	5	191.6	295.3
35729	68111	ZINC	4	125.7	153.4
35730	68111	ZINC	4	132.7	186.8
35735	68111	ZINC	3	161.8	182.7
35736	68111	ZINC	4	322.5	534.7
35740	68111	ZINC	4	203.1	254.9
35743	68111	ZINC	4	257.2	429.6
35752	68111	ZINC	4	129.0	181.4
35755	68111	ZINC	4	246.0	311.0
35758	68111	ZINC	4	205.7	315.3
35761	68111	ZINC	4	146.0	176.5
35768	68111	ZINC	4	165.3	228.9
35773	68111	ZINC	4	237.6	289.4
35775	68111	ZINC	2	170.5	189.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35776	68111	ZINC	4	142.2	165.1
35778	68111	ZINC	4	188.6	362.8
35781	68111	ZINC	4	302.5	531.2
35786	68111	ZINC	4	223.9	394.6
35789	68111	ZINC	4	195.3	276.3
35794	68111	ZINC	4	233.6	299.1
35798	68111	ZINC	4	166.6	183.4
35799	68111	ZINC	4	146.5	169.9
35801	68111	ZINC	4	211.8	323.7
35802	68111	ZINC	3	191.2	216.9
35803	68111	ZINC	4	193.9	230.3
35807	68111	ZINC	4	148.8	224.4
35810	68111	ZINC	4	258.5	489.0
35811	68111	ZINC	4	165.2	255.5
35813	68111	ZINC	4	137.0	172.3
35819	68111	ZINC	4	159.2	177.5
35820	68111	ZINC	4	148.0	202.4
35821	68111	ZINC	4	112.1	156.4
35822	68111	ZINC	4	92.3	115.0
35824	68111	ZINC	4	123.3	146.4
35825	68111	ZINC	4	242.3	334.1
35826	68111	ZINC	5	170.9	193.0
35828	68111	ZINC	4	160.9	233.0
35829	68111	ZINC	5	176.6	220.2
35830	68111	ZINC	4	241.8	266.9
35831	68111	ZINC	4	228.9	355.6
35832	68111	ZINC	4	138.0	190.5
35833	68111	ZINC	4	150.3	160.1
35836	68111	ZINC	4	171.3	201.5
35837	68111	ZINC	4	125.6	132.0
35839	68111	ZINC	4	162.5	173.8
35843	68111	ZINC	4	165.4	230.4
35844	68111	ZINC	5	189.7	251.8
35845	68111	ZINC	4	391.5	731.1
35848	68111	ZINC	4	135.2	160.8
35849	68111	ZINC	4	152.9	190.1
35853	68111	ZINC	4	141.1	183.2
35856	68111	ZINC	4	240.5	341.0
35858	68111	ZINC	4	189.7	266.0
35859	68111	ZINC	4	218.3	299.2
35863	68111	ZINC	4	126.9	176.8
35867	68111	ZINC	4	127.0	164.2
35868	68111	ZINC	4	346.3	910.3
35871	68111	ZINC	3	171.1	187.2
35872	68111	ZINC	4	196.7	326.6
35877	68111	ZINC	4	315.1	415.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
35880	68111	ZINC	4	234.8	314.9
35885	68111	ZINC	4	343.9	442.3
35886	68111	ZINC	4	380.1	623.1
35888	68111	ZINC	4	124.0	154.2
35890	68111	ZINC	4	247.2	338.7
35892	68111	ZINC	4	233.1	367.3
35915	68111	ZINC	2	214.4	255.6
35921	68111	ZINC	4	301.6	501.9
35930	68111	ZINC	4	197.1	253.4
35935	68111	ZINC	3	170.9	178.0
35936	68111	ZINC	4	125.2	207.4
35943	68111	ZINC	5	232.1	435.0
35945	68111	ZINC	4	161.6	257.8
35947	68111	ZINC	5	133.6	186.8
35948	68111	ZINC	5	255.5	875.6
35950	68111	ZINC	4	225.6	330.8
35958	68111	ZINC	4	209.4	298.2
35961	68111	ZINC	4	174.1	285.1
35964	68111	ZINC	4	298.2	620.0
35967	68111	ZINC	4	207.3	300.9
35969	68111	ZINC	4	203.3	231.0
35975	68111	ZINC	4	114.6	133.2
35977	68111	ZINC	4	162.4	216.7
35981	68111	ZINC	3	273.7	303.6
35984	68111	ZINC	4	309.6	575.2
35987	68111	ZINC	4	250.2	338.6
35990	68111	ZINC	4	193.4	234.4
35992	68111	ZINC	4	155.6	214.2
35994	68111	ZINC	4	248.9	372.0
35997	68111	ZINC	4	334.8	499.9
36000	68111	ZINC	4	244.7	423.0
36002	68111	ZINC	4	127.2	140.1
36007	68111	ZINC	4	252.6	347.1
36015	68111	ZINC	4	183.6	209.0
36017	68111	ZINC	4	216.6	255.3
36021	68111	ZINC	4	351.9	679.8
36023	68111	ZINC	4	98.9	118.8
36024	68111	ZINC	4	196.3	228.6
36027	68111	ZINC	4	155.4	220.3
36029	68111	ZINC	4	158.1	186.6
36036	68111	ZINC	4	232.8	398.8
36040	68111	ZINC	5	308.2	377.0
36043	68111	ZINC	4	190.9	342.3
36045	68111	ZINC	4	172.3	233.9
36046	68111	ZINC	4	154.8	207.0
36051	68111	ZINC	4	143.0	164.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36056	68111	ZINC	4	152.4	187.5
36057	68111	ZINC	4	236.8	294.7
36065	68111	ZINC	2	313.8	370.8
36067	68111	ZINC	5	173.1	215.5
36069	68111	ZINC	4	204.7	232.5
36072	68111	ZINC	4	154.2	179.6
36073	68111	ZINC	4	221.5	299.4
36075	68111	ZINC	4	119.4	151.8
36077	68111	ZINC	4	181.6	327.0
36091	68111	ZINC	4	143.8	161.8
36093	68111	ZINC	4	155.3	210.4
36095	68111	ZINC	4	217.2	385.3
36098	68111	ZINC	4	168.0	258.5
36100	68111	ZINC	4	140.6	183.4
36101	68111	ZINC	3	233.9	302.2
36109	68111	ZINC	4	145.0	175.6
36110	68111	ZINC	4	176.5	197.3
36112	68111	ZINC	4	143.5	160.6
36114	68111	ZINC	4	215.9	232.2
36116	68111	ZINC	4	292.7	387.0
36119	68111	ZINC	4	213.3	272.9
36120	68111	ZINC	5	185.7	259.6
36125	68111	ZINC	4	223.1	412.8
36126	68111	ZINC	4	160.7	239.9
36130	68111	ZINC	4	122.0	197.5
36133	68111	ZINC	4	127.5	176.8
36137	68111	ZINC	3	214.7	264.9
36138	68111	ZINC	4	178.2	242.8
36139	68111	ZINC	4	220.7	324.4
36141	68111	ZINC	4	198.3	247.3
36144	68111	ZINC	4	241.9	395.0
36147	68111	ZINC	4	113.7	212.5
36151	68111	ZINC	4	203.4	257.0
36154	68111	ZINC	5	196.8	246.2
36156	68111	ZINC	4	184.3	216.1
36158	68111	ZINC	4	183.3	194.0
36162	68111	ZINC	5	407.1	762.1
36166	68111	ZINC	4	309.7	637.3
36167	68111	ZINC	5	170.4	207.0
36177	68111	ZINC	4	100.3	180.7
36186	68111	ZINC	4	134.9	196.6
36188	68111	ZINC	4	120.9	126.8
36190	68111	ZINC	2	123.2	125.1
36193	68111	ZINC	4	149.1	193.5
36194	68111	ZINC	3	160.8	189.5
36196	68111	ZINC	4	196.2	253.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36197	68111	ZINC	5	261.4	395.7
36198	68111	ZINC	4	164.7	197.8
36199	68111	ZINC	4	256.0	445.8
36201	68111	ZINC	4	151.3	180.8
36202	68111	ZINC	4	123.9	232.2
36203	68111	ZINC	2	249.7	267.3
36204	68111	ZINC	4	112.4	126.2
36207	68111	ZINC	4	341.4	641.9
36208	68111	ZINC	4	199.4	277.6
36209	68111	ZINC	4	215.9	431.7
36210	68111	ZINC	4	229.0	270.7
36212	68111	ZINC	4	102.0	119.6
36213	68111	ZINC	4	204.6	277.4
36217	68111	ZINC	4	184.8	189.4
36218	68111	ZINC	4	305.7	378.1
36220	68111	ZINC	4	108.5	119.3
36221	68111	ZINC	4	210.6	265.2
36224	68111	ZINC	5	110.2	156.1
36232	68111	ZINC	4	206.3	295.3
36233	68111	ZINC	4	300.4	701.5
36236	68111	ZINC	4	128.1	211.1
36238	68111	ZINC	4	162.7	208.2
36239	68111	ZINC	4	121.6	127.3
36243	68111	ZINC	4	130.0	138.6
36246	68111	ZINC	4	386.0	709.3
36247	68111	ZINC	4	172.1	307.8
36249	68111	ZINC	4	264.3	428.1
36251	68111	ZINC	4	206.5	256.0
36253	68111	ZINC	4	142.0	208.0
36255	68111	ZINC	4	177.3	258.0
36257	68111	ZINC	4	170.7	189.9
36258	68111	ZINC	4	138.1	191.2
36259	68111	ZINC	4	378.1	834.7
36260	68111	ZINC	4	300.4	326.2
36262	68111	ZINC	4	138.4	174.2
36263	68111	ZINC	4	179.8	309.0
36264	68111	ZINC	4	188.7	245.4
36265	68111	ZINC	4	183.5	230.1
36269	68111	ZINC	4	238.9	307.1
36270	68111	ZINC	4	104.9	128.5
36272	68111	ZINC	4	229.2	274.5
36273	68111	ZINC	4	268.1	319.3
36274	68111	ZINC	4	132.0	134.5
36275	68111	ZINC	4	179.3	237.3
36278	68111	ZINC	4	248.1	406.0
36279	68111	ZINC	4	123.9	277.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36280	68111	ZINC	4	259.5	320.3
36281	68111	ZINC	3	139.3	149.4
36288	68111	ZINC	4	243.3	325.8
36289	68111	ZINC	4	114.0	125.2
36298	68111	ZINC	4	203.0	261.5
36300	68111	ZINC	4	177.4	276.1
36302	68111	ZINC	4	172.3	185.1
36305	68111	ZINC	4	125.9	177.3
36309	68111	ZINC	4	124.0	147.4
36311	68111	ZINC	4	171.6	207.6
36313	68111	ZINC	4	157.8	257.9
36315	68111	ZINC	4	174.0	229.6
36320	68111	ZINC	4	129.9	226.1
36323	68111	ZINC	4	244.6	402.1
36324	68111	ZINC	3	201.5	242.0
36325	68111	ZINC	5	141.4	226.8
36329	68111	ZINC	4	115.9	135.9
36330	68111	ZINC	4	202.6	326.0
36331	68111	ZINC	4	183.6	245.7
36337	68111	ZINC	4	96.4	118.3
36340	68111	ZINC	4	162.0	286.2
36341	68111	ZINC	3	226.5	294.1
36351	68111	ZINC	4	156.1	275.8
36353	68111	ZINC	5	84.0	176.2
36354	68111	ZINC	4	264.2	381.7
36356	68111	ZINC	5	211.5	322.5
36358	68111	ZINC	4	221.6	348.3
36366	68111	ZINC	4	84.0	90.4
36370	68111	ZINC	4	103.7	157.3
36372	68111	ZINC	4	240.2	346.1
36383	68111	ZINC	5	230.7	371.2
36386	68111	ZINC	4	353.9	623.0
36388	68111	ZINC	4	236.6	320.3
36390	68111	ZINC	4	74.6	127.1
36392	68111	ZINC	4	163.9	192.7
36394	68111	ZINC	4	244.8	515.2
36396	68111	ZINC	4	200.2	318.4
36399	68111	ZINC	4	412.9	730.1
36402	68111	ZINC	4	291.6	387.0
36405	68111	ZINC	3	127.4	169.0
36408	68111	ZINC	4	279.7	473.0
36409	68111	ZINC	4	366.1	628.5
36410	68111	ZINC	4	297.3	652.4
36416	68111	ZINC	4	197.0	241.1
36419	68111	ZINC	4	192.9	249.5
36427	68111	ZINC	4	153.2	206.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36430	68111	ZINC	4	225.9	450.6
36431	68111	ZINC	4	128.0	204.0
36437	68111	ZINC	4	331.6	494.7
36438	68111	ZINC	4	199.5	234.2
36441	68111	ZINC	4	304.3	460.7
36442	68111	ZINC	4	299.0	454.8
36444	68111	ZINC	4	144.2	210.5
36446	68111	ZINC	4	275.5	435.1
36448	68111	ZINC	4	279.4	495.6
36452	68111	ZINC	4	277.1	618.5
36464	68111	ZINC	4	161.8	214.0
36466	68111	ZINC	4	118.6	157.0
36467	68111	ZINC	4	259.1	379.5
36470	68111	ZINC	5	307.0	518.4
36473	68111	ZINC	3	268.9	274.0
36474	68111	ZINC	3	329.1	527.1
36478	68111	ZINC	4	331.4	404.6
36479	68111	ZINC	4	238.9	326.7
36489	68111	ZINC	4	280.0	400.6
36493	68111	ZINC	4	261.0	593.1
36494	68111	ZINC	4	189.2	261.5
36500	68111	ZINC	4	267.3	422.9
36505	68111	ZINC	4	351.8	381.8
36507	68111	ZINC	4	221.2	315.0
36510	68111	ZINC	4	183.9	273.3
36512	68111	ZINC	4	339.0	511.0
36514	68111	ZINC	4	283.7	348.2
36516	68111	ZINC	4	263.1	438.1
36517	68111	ZINC	4	111.1	121.8
36518	68111	ZINC	4	156.2	203.3
36522	68111	ZINC	4	195.9	264.0
36527	68111	ZINC	4	229.6	318.8
36530	68111	ZINC	4	240.6	318.0
36531	68111	ZINC	4	113.7	193.0
36532	68111	ZINC	4	297.9	739.1
36540	68111	ZINC	4	259.8	412.5
36545	68111	ZINC	3	227.3	253.8
36546	68111	ZINC	4	435.2	683.6
36553	68111	ZINC	4	295.3	408.4
36557	68111	ZINC	4	254.7	333.0
36574	68111	ZINC	5	115.9	170.7
36589	68111	ZINC	5	168.8	286.8
36617	68111	ZINC	4	290.1	410.3
36619	68111	ZINC	4	309.6	533.3
36623	68111	ZINC	4	233.5	285.6
36629	68111	ZINC	4	179.8	229.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36637	68111	ZINC	3	191.2	213.5
36639	68111	ZINC	4	196.1	239.4
36640	68111	ZINC	2	243.3	258.0
36643	68111	ZINC	2	171.5	214.5
36645	68111	ZINC	4	73.6	130.4
36649	68111	ZINC	4	269.7	386.6
36656	68111	ZINC	4	260.1	359.0
36677	68111	ZINC	4	266.3	373.3
36678	68111	ZINC	4	249.4	316.6
36679	68111	ZINC	4	156.7	191.0
36683	68111	ZINC	4	96.2	119.0
36689	68111	ZINC	4	158.2	208.7
36690	68111	ZINC	3	247.0	393.2
36700	68111	ZINC	4	361.5	465.6
36701	68111	ZINC	4	375.3	510.7
36706	68111	ZINC	4	331.5	461.0
36709	68111	ZINC	4	364.9	564.5
36713	68111	ZINC	3	348.3	532.4
36715	68111	ZINC	4	352.9	621.2
36721	68111	ZINC	4	215.9	286.9
36726	68111	ZINC	4	232.8	288.7
36733	68111	ZINC	4	160.5	226.1
36747	68111	ZINC	4	146.0	167.2
36749	68111	ZINC	4	311.4	449.9
36755	68111	ZINC	4	173.5	214.0
36769	68111	ZINC	3	297.3	443.8
36774	68111	ZINC	4	265.7	405.7
36781	68111	ZINC	4	195.2	313.9
36785	68111	ZINC	4	342.4	445.6
36789	68111	ZINC	4	154.8	179.4
36793	68111	ZINC	4	160.9	198.1
36806	68111	ZINC	4	270.1	365.1
36807	68111	ZINC	4	244.5	305.0
36810	68111	ZINC	4	206.8	258.0
36817	68111	ZINC	5	326.5	648.5
36819	68111	ZINC	4	171.7	261.4
36821	68111	ZINC	4	198.3	251.7
36824	68111	ZINC	4	167.1	181.7
36830	68111	ZINC	4	222.8	282.0
36832	68111	ZINC	4	188.4	235.1
36836	68111	ZINC	4	256.1	378.5
36844	68111	ZINC	4	174.5	291.5
36845	68111	ZINC	4	165.4	271.3
36846	68111	ZINC	4	179.7	208.4
36855	68111	ZINC	4	184.3	266.4
36856	68111	ZINC	4	166.7	188.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
36861	68111	ZINC	4	166.7	324.7
36869	68111	ZINC	4	238.9	264.6
36873	68111	ZINC	4	140.3	174.1
36877	68111	ZINC	5	301.8	366.1
36882	68111	ZINC	4	303.2	519.5
36885	68111	ZINC	4	162.1	204.7
36888	68111	ZINC	4	267.1	303.5
36897	68111	ZINC	4	271.8	515.7
36899	68111	ZINC	4	228.6	288.2
36901	68111	ZINC	4	268.1	343.2
36907	68111	ZINC	4	158.8	245.0
36911	68111	ZINC	4	329.1	381.4
36916	68111	ZINC	4	206.6	353.3
36923	68111	ZINC	4	210.2	340.2
36927	68111	ZINC	4	138.9	177.0
36931	68111	ZINC	4	151.6	178.8
36936	68111	ZINC	5	214.3	261.4
36938	68111	ZINC	4	174.8	252.9
36942	68111	ZINC	3	238.4	274.0
36943	68111	ZINC	4	195.0	247.7
36957	68111	ZINC	4	247.5	392.2
36958	68111	ZINC	4	322.0	637.8
36959	68111	ZINC	4	150.7	166.2
36960	68111	ZINC	2	142.3	169.9
36979	68111	ZINC	4	170.9	241.3
36980	68111	ZINC	4	123.1	135.1
36985	68111	ZINC	4	175.2	241.1
36988	68111	ZINC	4	233.6	300.2
37002	68111	ZINC	4	201.7	381.6
37010	68111	ZINC	5	233.3	370.6
37011	68111	ZINC	4	263.1	464.8
37016	68111	ZINC	5	173.4	197.9
37018	68111	ZINC	4	171.9	276.7
37019	68111	ZINC	4	210.8	229.4
37020	68111	ZINC	4	252.8	295.5
37023	68111	ZINC	4	273.7	434.0
37025	68111	ZINC	5	260.4	308.7
37031	68111	ZINC	4	136.7	177.0
37036	68111	ZINC	4	134.6	161.0
37037	68111	ZINC	4	256.2	336.3
37045	68111	ZINC	4	155.9	247.9
37048	68111	ZINC	4	175.3	206.7
37049	68111	ZINC	4	234.1	298.3
37050	68111	ZINC	4	443.2	757.8
37053	68111	ZINC	4	325.5	429.2
37054	68111	ZINC	4	211.1	313.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
37062	68111	ZINC	4	219.9	294.5
37063	68111	ZINC	3	173.2	196.8
37066	68111	ZINC	4	353.3	769.0
37070	68111	ZINC	4	171.9	195.7
37078	68111	ZINC	5	356.3	483.5
37084	68111	ZINC	4	165.8	237.5
37087	68111	ZINC	4	221.9	256.0
37089	68111	ZINC	5	116.4	131.2
37090	68111	ZINC	4	466.3	1375.8
37097	68111	ZINC	4	176.9	209.9
37099	68111	ZINC	4	202.6	235.1
37103	68111	ZINC	4	142.8	199.6
37105	68111	ZINC	4	256.7	342.2
37109	68111	ZINC	4	254.4	480.3
37111	68111	ZINC	4	276.0	382.0
37116	68111	ZINC	4	171.0	178.9
37121	68111	ZINC	4	186.3	290.1
37122	68111	ZINC	4	273.8	397.6
37125	68111	ZINC	4	311.1	564.6
37126	68111	ZINC	4	202.6	251.9
37128	68111	ZINC	4	572.9	1264.2
37133	68111	ZINC	4	170.5	216.3
37134	68111	ZINC	4	152.3	190.1
37151	68111	ZINC	4	223.5	433.8
37156	68111	ZINC	4	226.4	324.2
37161	68111	ZINC	2	151.4	163.0
37165	68111	ZINC	4	272.1	596.5
37168	68111	ZINC	4	212.8	323.8
37169	68111	ZINC	4	187.8	192.2
37170	68111	ZINC	4	118.7	155.6
37171	68111	ZINC	4	115.9	149.8
37175	68111	ZINC	4	179.2	209.0
37176	68111	ZINC	4	388.7	765.5
37181	68111	ZINC	4	181.0	225.9
37184	68111	ZINC	4	410.2	691.6
37189	68111	ZINC	4	225.3	342.5
37191	68111	ZINC	4	281.9	308.3
37193	68111	ZINC	4	174.8	215.3
37204	68111	ZINC	4	260.0	406.6
37210	68111	ZINC	4	202.0	233.2
37211	68111	ZINC	5	294.9	746.4
37219	68111	ZINC	4	192.6	250.0
37223	68111	ZINC	4	151.8	165.6
37224	68111	ZINC	4	233.2	314.3
37226	68111	ZINC	3	218.1	351.4
37235	68111	ZINC	4	240.1	271.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
37237	68111	ZINC	4	124.5	134.3
37259	68111	ZINC	4	219.0	308.2
37261	68111	ZINC	4	124.2	144.0
37265	68111	ZINC	4	135.7	172.6
37271	68111	ZINC	3	199.4	332.5
37276	68111	ZINC	4	281.6	332.2
37277	68111	ZINC	4	169.8	211.4
37285	68111	ZINC	4	205.5	234.4
37296	68111	ZINC	4	243.5	360.6
37301	68111	ZINC	4	111.1	120.9
37302	68111	ZINC	4	228.3	251.9
37310	68111	ZINC	4	222.3	250.0
37313	68111	ZINC	4	223.2	260.1
37314	68111	ZINC	4	244.0	295.4
37320	68111	ZINC	4	111.8	148.0
37321	68111	ZINC	4	238.2	332.7
37333	68111	ZINC	4	159.6	161.8
37335	68111	ZINC	4	246.3	315.5
37339	68111	ZINC	4	135.2	164.6
37349	68111	ZINC	4	241.9	266.3
37353	68111	ZINC	4	267.8	369.3
37355	68111	ZINC	4	137.7	165.8
37359	68111	ZINC	4	145.5	176.8
37361	68111	ZINC	4	143.3	248.2
37365	68111	ZINC	4	215.8	390.4
37367	68111	ZINC	5	369.9	836.4
37385	68111	ZINC	4	121.1	140.5
37389	68111	ZINC	4	144.0	191.3
37399	68111	ZINC	3	303.7	589.8
37400	68111	ZINC	4	213.9	250.6
37402	68111	ZINC	4	282.3	406.3
37403	68111	ZINC	4	167.9	218.3
37404	68111	ZINC	4	305.1	604.8
37406	68111	ZINC	4	199.2	243.2
37414	68111	ZINC	4	225.2	519.5
37415	68111	ZINC	4	188.1	231.6
37422	68111	ZINC	4	124.9	171.0
37430	68111	ZINC	4	166.3	224.7
37432	68111	ZINC	5	115.6	146.7
37440	68111	ZINC	4	187.1	260.0
37452	68111	ZINC	4	152.9	180.5
37454	68111	ZINC	4	189.2	234.4
37459	68111	ZINC	4	653.8	1021.5
37461	68111	ZINC	4	212.4	286.9
37465	68111	ZINC	5	290.2	566.6
37468	68111	ZINC	4	75.6	99.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
37470	68111	ZINC	4	215.3	296.1
37476	68111	ZINC	4	240.5	288.1
37479	68111	ZINC	4	150.9	177.9
37483	68111	ZINC	4	159.7	222.6
37486	68111	ZINC	4	200.2	455.4
37494	68111	ZINC	4	142.3	180.0
37497	68111	ZINC	4	218.6	326.0
37502	68111	ZINC	4	126.9	167.9
37503	68111	ZINC	4	149.8	157.1
37504	68111	ZINC	4	170.7	207.8
37505	68111	ZINC	4	211.1	262.5
37506	68111	ZINC	4	240.4	264.5
37507	68111	ZINC	4	178.7	228.9
37508	68111	ZINC	4	268.6	308.7
37510	68111	ZINC	4	169.1	174.5
37512	68111	ZINC	4	227.8	313.5
37517	68111	ZINC	4	134.1	147.0
37546	68111	ZINC	4	222.3	263.1
37550	68111	ZINC	4	111.3	117.3
37552	68111	ZINC	4	363.9	1110.6
37577	68111	ZINC	4	247.5	387.0
37579	68111	ZINC	4	219.2	305.7
37582	68111	ZINC	4	155.1	222.3
37588	68111	ZINC	4	118.0	140.9
37589	68111	ZINC	4	216.7	295.6
37592	68111	ZINC	4	187.8	239.6
37601	68111	ZINC	4	168.7	288.3
37610	68111	ZINC	4	443.8	653.4
37612	68111	ZINC	4	195.7	242.8
37620	68111	ZINC	4	271.6	326.0
37622	68111	ZINC	4	304.2	449.8
37623	68111	ZINC	4	174.9	238.4
37627	68111	ZINC	4	198.2	261.4
37633	68111	ZINC	4	259.8	316.8
37636	68111	ZINC	4	224.1	320.7
37639	68111	ZINC	5	226.2	300.9
37640	68111	ZINC	4	147.8	197.9
37641	68111	ZINC	5	251.9	539.2
37642	68111	ZINC	4	358.9	687.3
37646	68111	ZINC	4	161.6	217.0
37647	68111	ZINC	4	223.6	244.1
37648	68111	ZINC	4	299.3	449.0
37649	68111	ZINC	3	334.1	485.1
37651	68111	ZINC	3	176.8	223.0
37653	68111	ZINC	4	284.0	358.5
37655	68111	ZINC	4	183.3	207.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
37658	68111	ZINC	4	146.8	248.9
37659	68111	ZINC	4	228.7	282.5
37662	68111	ZINC	4	234.5	353.6
37666	68111	ZINC	3	576.3	626.3
37675	68111	ZINC	4	183.1	418.2
37684	68111	ZINC	5	217.1	316.0
37691	68111	ZINC	4	222.2	246.6
37698	68111	ZINC	4	243.6	370.3
37699	68111	ZINC	5	218.0	260.8
37702	68111	ZINC	4	378.1	487.1
37722	68111	ZINC	4	299.6	418.7
37730	68111	ZINC	5	245.5	385.1
37738	68111	ZINC	5	352.4	701.0
37741	68111	ZINC	4	244.7	345.6
37743	68111	ZINC	4	213.1	445.6
37747	68111	ZINC	4	176.8	231.2
37748	68111	ZINC	4	345.2	460.0
37754	68111	ZINC	4	155.6	194.3
37755	68111	ZINC	4	234.2	326.9
37756	68111	ZINC	4	131.5	159.0
37758	68111	ZINC	3	171.9	224.1
37760	68111	ZINC	4	188.6	255.3
37769	68111	ZINC	4	153.5	161.3
37771	68111	ZINC	4	461.1	619.2
37775	68111	ZINC	4	198.9	323.4
37776	68111	ZINC	4	228.9	265.2
37780	68111	ZINC	4	219.6	312.2
37782	68111	ZINC	4	167.3	225.5
37785	68111	ZINC	4	245.3	302.5
37786	68111	ZINC	4	179.4	331.8
37789	68111	ZINC	4	187.9	220.2
37791	68111	ZINC	4	234.7	283.7
37795	68111	ZINC	4	145.1	175.6
37800	68111	ZINC	4	247.1	350.4
37825	68111	ZINC	4	203.5	240.9
37829	68111	ZINC	4	182.9	320.5
37833	68111	ZINC	4	106.3	123.6
37859	68111	ZINC	4	188.8	318.5
37862	68111	ZINC	4	141.2	172.7
37882	68111	ZINC	4	190.5	223.3
37884	68111	ZINC	4	248.8	385.2
37890	68111	ZINC	5	144.9	172.4
37892	68111	ZINC	4	169.1	203.9
37899	68111	ZINC	4	129.4	164.5
37901	68111	ZINC	4	204.0	277.6
37905	68111	ZINC	4	319.9	578.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
37906	68111	ZINC	4	114.7	127.1
37907	68111	ZINC	4	345.1	447.0
37914	68111	ZINC	4	188.7	209.4
37920	68111	ZINC	4	213.6	315.6
37922	68111	ZINC	4	284.2	347.9
37923	68111	ZINC	4	271.6	410.7
37927	68111	ZINC	4	217.7	290.3
37929	68111	ZINC	4	247.6	376.5
37934	68111	ZINC	6	276.9	348.5
37939	68111	ZINC	4	320.3	378.1
37940	68111	ZINC	4	161.9	198.0
37942	68111	ZINC	4	183.1	279.7
37945	68111	ZINC	4	218.2	330.2
37971	68111	ZINC	4	187.7	212.7
37972	68111	ZINC	4	183.4	236.1
37989	68111	ZINC	3	265.7	330.1
37990	68111	ZINC	4	190.2	239.9
37992	68111	ZINC	4	187.4	217.0
37994	68111	ZINC	5	179.0	241.0
37998	68111	ZINC	5	126.2	148.5
38001	68111	ZINC	4	162.5	225.9
38007	68111	ZINC	4	162.7	189.4
38009	68111	ZINC	4	144.9	171.6
38010	68111	ZINC	4	192.0	259.4
38030	68111	ZINC	4	136.0	164.5
38036	68111	ZINC	4	198.7	345.6
38042	68111	ZINC	4	255.7	325.1
38043	68111	ZINC	5	226.1	251.9
38047	68111	ZINC	4	225.0	493.6
38049	68111	ZINC	4	273.2	448.9
38050	68111	ZINC	4	179.9	200.1
38051	68111	ZINC	5	160.1	199.2
38054	68111	ZINC	4	121.9	148.8
38055	68111	ZINC	4	145.8	188.1
38059	68111	ZINC	3	253.4	301.2
38062	68111	ZINC	2	257.0	259.3
38066	68111	ZINC	5	324.0	599.9
38068	68111	ZINC	4	126.5	223.8
38080	68111	ZINC	4	192.3	513.8
38087	68111	ZINC	4	83.7	103.4
38099	68111	ZINC	4	164.1	209.9
38103	68111	ZINC	4	188.7	242.7
38104	68111	ZINC	2	246.9	290.2
38112	68111	ZINC	4	176.9	308.6
38114	68111	ZINC	3	160.6	199.1
38117	68111	ZINC	3	238.5	263.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
38121	68111	ZINC	4	205.3	333.0
38123	68111	ZINC	4	165.9	212.3
38134	68111	ZINC	4	241.5	278.4
38140	68111	ZINC	4	170.4	210.4
38141	68111	ZINC	4	155.1	169.9
38142	68111	ZINC	4	162.1	185.9
38144	68111	ZINC	5	335.8	484.8
38149	68111	ZINC	4	342.0	553.8
38150	68111	ZINC	4	229.3	531.9
38152	68111	ZINC	4	577.1	1223.0
38157	68111	ZINC	4	148.8	229.1
38168	68111	ZINC	4	208.0	306.8
38171	68111	ZINC	4	194.8	233.9
38172	68111	ZINC	4	217.4	360.6
38174	68111	ZINC	4	121.0	184.1
38175	68111	ZINC	3	301.6	381.9
38177	68111	ZINC	2	136.9	139.1
38179	68111	ZINC	4	105.8	128.9
38181	68111	ZINC	4	173.6	221.5
38182	68111	ZINC	5	142.4	215.2
38184	68111	ZINC	4	142.7	166.3
38185	68111	ZINC	4	222.6	267.8
38186	68111	ZINC	4	171.6	286.4
38191	68111	ZINC	4	185.6	216.1
38199	68111	ZINC	4	103.5	123.6
38200	68111	ZINC	4	182.0	282.4
38201	68111	ZINC	4	114.2	128.9
38202	68111	ZINC	4	145.1	179.0
38206	68111	ZINC	4	176.4	214.8
38207	68111	ZINC	4	212.1	265.1
38210	68111	ZINC	4	233.9	463.4
38213	68111	ZINC	4	133.8	177.0
38214	68111	ZINC	4	136.9	146.4
38216	68111	ZINC	4	120.0	179.6
38218	68111	ZINC	4	199.4	233.0
38221	68111	ZINC	4	155.9	200.8
38222	68111	ZINC	4	265.9	371.4
38224	68111	ZINC	4	241.3	277.3
38228	68111	ZINC	4	150.2	201.6
38230	68111	ZINC	4	167.6	179.3
38231	68111	ZINC	4	329.8	356.2
38253	68111	ZINC	4	155.4	203.8
38254	68111	ZINC	4	146.8	238.8
38261	68111	ZINC	5	347.7	619.7
38265	68111	ZINC	3	222.1	307.2
38268	68111	ZINC	4	138.7	187.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
38269	68111	ZINC	4	195.8	362.1
38271	68111	ZINC	5	232.0	390.2
38274	68111	ZINC	4	224.2	264.2
38281	68111	ZINC	4	123.3	139.7
38286	68111	ZINC	4	293.5	353.0
38291	68111	ZINC	4	421.4	578.9
38294	68111	ZINC	4	332.9	491.1
38300	68111	ZINC	4	153.7	219.0
38304	68111	ZINC	4	179.4	302.4
38316	68111	ZINC	4	140.9	150.4
38320	68111	ZINC	5	220.1	256.7
38356	68111	ZINC	4	224.4	457.8
38359	68111	ZINC	4	146.0	175.7
38363	68111	ZINC	4	165.4	200.0
38369	68111	ZINC	4	169.5	205.3
38372	68111	ZINC	3	229.8	296.5
38375	68111	ZINC	4	193.3	207.3
38379	68111	ZINC	3	201.0	303.8
38383	68111	ZINC	6	412.9	581.5
38392	68111	ZINC	4	231.5	342.5
38393	68111	ZINC	4	233.7	379.8
38399	68111	ZINC	4	255.9	287.9
38404	68111	ZINC	3	182.6	237.6
38405	68111	ZINC	2	238.3	297.6
38406	68111	ZINC	4	254.7	331.5
38407	68111	ZINC	2	223.5	237.0
38408	68111	ZINC	4	173.6	189.4
38411	68111	ZINC	3	259.5	412.7
38414	68111	ZINC	3	177.9	221.5
38419	68111	ZINC	4	150.7	168.7
38421	68111	ZINC	4	242.5	372.1
38425	68111	ZINC	4	256.3	347.2
38426	68111	ZINC	4	206.5	268.5
38429	68111	ZINC	4	171.6	201.0
38437	68111	ZINC	4	230.1	355.1
38439	68111	ZINC	4	146.1	170.3
38440	68111	ZINC	4	260.6	549.0
38446	68111	ZINC	3	207.9	293.4
38449	68111	ZINC	4	210.0	364.3
38452	68111	ZINC	4	165.6	278.4
38456	68111	ZINC	4	108.2	208.8
38478	68111	ZINC	4	192.8	212.6
38485	68111	ZINC	4	211.0	318.5
38486	68111	ZINC	4	187.5	209.2
38489	68111	ZINC	4	207.8	255.4
38492	68111	ZINC	4	256.3	343.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
38495	68111	ZINC	4	159.2	244.8
38500	68111	ZINC	3	211.9	293.0
38504	68111	ZINC	3	145.7	162.4
38508	68111	ZINC	4	160.8	213.7
38511	68111	ZINC	5	189.7	233.4
38520	68111	ZINC	4	256.1	290.9
38522	68111	ZINC	4	298.3	317.1
38524	68111	ZINC	3	275.4	399.7
38525	68111	ZINC	4	235.4	311.9
38527	68111	ZINC	4	188.1	302.8
38528	68111	ZINC	2	224.9	239.0
38530	68111	ZINC	4	331.4	982.2
38536	68111	ZINC	2	177.9	221.5
38543	68111	ZINC	3	251.0	262.1
38546	68111	ZINC	4	280.4	499.4
38551	68111	ZINC	2	254.6	300.7
38568	68111	ZINC	4	289.3	382.7
38572	68111	ZINC	4	377.1	528.6
38581	68111	ZINC	4	217.0	299.9
38582	68111	ZINC	3	312.3	488.5
38585	68111	ZINC	4	120.9	144.9
38587	68111	ZINC	4	216.1	290.7
38592	68111	ZINC	4	218.1	285.4
38593	68111	ZINC	4	186.4	231.1
38607	68111	ZINC	3	183.6	205.2
38613	68111	ZINC	5	212.8	291.4
38615	68111	ZINC	4	266.4	377.5
38618	68111	ZINC	3	152.6	158.1
38619	68111	ZINC	3	262.4	332.6
38621	68111	ZINC	4	199.2	290.5
38623	68111	ZINC	4	180.5	222.0
38627	68111	ZINC	3	155.4	201.9
38632	68111	ZINC	3	190.5	237.3
38639	68111	ZINC	4	328.5	490.5
38645	68111	ZINC	4	265.8	349.2
38648	68111	ZINC	4	227.9	373.9
38652	68111	ZINC	5	200.5	472.9
38653	68111	ZINC	4	255.7	322.0
38660	68111	ZINC	3	279.8	344.4
38700	68111	ZINC	4	281.8	337.1
38706	68111	ZINC	4	194.7	276.8
38708	68111	ZINC	2	236.4	249.7
38709	68111	ZINC	4	361.0	700.3
38713	68111	ZINC	4	328.3	502.6
38715	68111	ZINC	4	253.8	385.8
38716	68111	ZINC	4	257.8	353.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
38718	68111	ZINC	4	326.9	507.3
38721	68111	ZINC	2	193.9	194.7
38724	68111	ZINC	4	147.6	188.6
38726	68111	ZINC	4	211.3	400.1
38729	68111	ZINC	4	264.7	422.9
38731	68111	ZINC	4	216.0	292.7
38735	68111	ZINC	4	174.3	202.8
38737	68111	ZINC	5	234.9	471.6
38744	68111	ZINC	4	199.9	296.6
38746	68111	ZINC	4	201.6	299.5
38754	68111	ZINC	4	165.1	204.4
38759	68111	ZINC	4	206.3	310.7
38760	68111	ZINC	4	196.3	324.2
38762	68111	ZINC	4	250.9	431.0
38767	68111	ZINC	4	217.6	252.1
38769	68111	ZINC	4	150.7	170.5
38775	68111	ZINC	4	668.3	728.8
38776	68111	ZINC	5	222.8	388.0
38780	68111	ZINC	3	146.8	190.0
38781	68111	ZINC	4	321.1	386.4
38784	68111	ZINC	4	245.6	375.8
38786	68111	ZINC	4	191.0	247.7
38789	68111	ZINC	2	252.7	328.9
38792	68111	ZINC	3	292.0	416.2
38805	68111	ZINC	4	281.5	347.4
38809	68111	ZINC	5	277.4	644.6
38816	68111	ZINC	4	282.3	442.3
38819	68111	ZINC	4	151.6	194.4
38825	68111	ZINC	4	289.2	379.5
38831	68111	ZINC	3	258.9	383.3
38836	68111	ZINC	4	230.1	359.1
38842	68111	ZINC	4	247.2	390.5
38845	68111	ZINC	4	257.3	346.1
38848	68111	ZINC	2	140.0	166.0
38849	68111	ZINC	4	133.5	264.3
38857	68111	ZINC	4	157.5	185.0
38859	68111	ZINC	4	289.4	325.6
38862	68111	ZINC	4	81.4	121.0
38864	68111	ZINC	4	203.9	276.4
38866	68111	ZINC	4	242.0	384.5
38867	68111	ZINC	4	370.9	474.8
38874	68111	ZINC	4	229.6	298.1
38881	68111	ZINC	3	217.1	383.4
38884	68111	ZINC	3	179.0	218.0
38886	68111	ZINC	5	176.4	203.6
38891	68111	ZINC	5	266.7	313.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
38895	68111	ZINC	4	134.2	230.3
38899	68111	ZINC	3	287.8	418.3
38903	68111	ZINC	4	325.4	568.2
38914	68111	ZINC	3	242.9	262.7
38915	68111	ZINC	4	167.9	206.1
38930	68111	ZINC	2	135.1	137.0
49155	68111	ZINC	4	356.9	413.5
49162	68111	ZINC	4	238.5	257.1
49163	68111	ZINC	4	234.5	276.2
49168	68111	ZINC	4	73.7	109.8
49169	68111	ZINC	4	179.3	216.3
49203	68111	ZINC	3	239.0	363.4
49238	68111	ZINC	4	163.0	224.1
49311	68111	ZINC	4	202.8	244.7
49312	68111	ZINC	4	276.4	374.7
49313	68111	ZINC	4	284.4	380.9
49314	68111	ZINC	4	258.0	270.0
49316	68111	ZINC	4	143.3	161.0
49319	68111	ZINC	4	299.4	446.1
49321	68111	ZINC	4	138.4	203.3
49322	68111	ZINC	4	155.0	226.7
49323	68111	ZINC	4	180.5	372.0
49324	68111	ZINC	4	80.0	97.9
49325	68111	ZINC	4	293.8	523.8
49326	68111	ZINC	4	221.4	328.8
49327	68111	ZINC	4	158.4	186.5
49328	68111	ZINC	4	197.9	253.7
49340	68111	ZINC	4	144.3	156.3
49341	68111	ZINC	4	77.8	98.0
49345	68111	ZINC	4	136.3	161.0
49352	68111	ZINC	4	347.5	515.4
49353	68111	ZINC	4	126.5	173.4
49354	68111	ZINC	4	222.6	371.9
50001	68111	ZINC	4	156.6	173.8
50002	68111	ZINC	4	144.0	214.2
50003	68111	ZINC	4	128.4	186.3
50004	68111	ZINC	4	109.6	153.2
50006	68111	ZINC	4	125.7	178.8
50010	68111	ZINC	4	154.9	216.7
50013	68111	ZINC	4	182.3	244.3
50014	68111	ZINC	4	143.7	166.3
50015	68111	ZINC	4	117.8	146.2
50016	68111	ZINC	4	104.9	114.0
50017	68111	ZINC	4	186.2	255.6
50018	68111	ZINC	4	154.5	215.2
50019	68111	ZINC	4	231.1	390.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50020	68111	ZINC	4	148.7	208.7
50021	68111	ZINC	4	189.1	233.4
50022	68111	ZINC	4	177.5	201.5
50023	68111	ZINC	4	215.4	298.5
50024	68111	ZINC	4	143.0	173.0
50025	68111	ZINC	4	155.8	195.7
50026	68111	ZINC	4	180.9	236.8
50027	68111	ZINC	4	157.0	223.4
50028	68111	ZINC	3	109.1	121.7
50029	68111	ZINC	3	121.5	145.0
50030	68111	ZINC	3	122.0	183.1
50033	68111	ZINC	4	129.1	163.1
50035	68111	ZINC	4	216.7	353.4
50038	68111	ZINC	4	327.0	529.1
50040	68111	ZINC	4	226.0	311.3
50041	68111	ZINC	4	119.0	152.3
50042	68111	ZINC	4	115.6	158.1
50043	68111	ZINC	4	90.2	100.2
50044	68111	ZINC	4	102.7	117.5
50045	68111	ZINC	4	153.4	183.4
50046	68111	ZINC	4	104.6	140.8
50047	68111	ZINC	4	141.2	176.2
50048	68111	ZINC	4	92.5	97.8
50049	68111	ZINC	4	106.9	121.3
50050	68111	ZINC	4	105.4	115.8
50051	68111	ZINC	4	124.8	207.9
50052	68111	ZINC	4	116.3	152.5
50053	68111	ZINC	4	106.4	147.6
50054	68111	ZINC	4	102.2	126.7
50055	68111	ZINC	4	86.9	98.6
50056	68111	ZINC	4	115.4	137.9
50057	68111	ZINC	4	118.9	133.3
50058	68111	ZINC	4	96.8	115.3
50059	68111	ZINC	4	90.2	123.3
50060	68111	ZINC	4	91.7	114.1
50061	68111	ZINC	4	232.1	677.0
50062	68111	ZINC	4	107.5	130.0
50063	68111	ZINC	4	109.4	145.6
50064	68111	ZINC	3	89.0	135.1
50065	68111	ZINC	4	99.3	115.2
50066	68111	ZINC	4	110.3	182.4
50067	68111	ZINC	4	90.7	101.0
50068	68111	ZINC	4	121.0	211.3
50069	68111	ZINC	4	116.7	136.9
50071	68111	ZINC	4	99.8	113.5
50072	68111	ZINC	4	89.5	99.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50073	68111	ZINC	4	81.3	93.6
50074	68111	ZINC	4	86.4	95.5
50075	68111	ZINC	4	156.2	210.6
50076	68111	ZINC	4	95.8	114.1
50077	68111	ZINC	4	95.2	145.4
50078	68111	ZINC	4	77.6	85.7
50079	68111	ZINC	4	87.5	126.7
50080	68111	ZINC	4	98.8	108.0
50081	68111	ZINC	4	93.4	135.1
50082	68111	ZINC	4	95.4	156.5
50083	68111	ZINC	4	102.3	142.0
50084	68111	ZINC	4	118.4	141.7
50085	68111	ZINC	4	129.9	159.8
50086	68111	ZINC	4	100.3	114.3
50087	68111	ZINC	4	120.3	167.5
50088	68111	ZINC	4	123.4	197.7
50089	68111	ZINC	4	87.5	108.4
50090	68111	ZINC	4	84.7	110.1
50092	68111	ZINC	4	95.8	134.8
50093	68111	ZINC	4	88.9	152.9
50094	68111	ZINC	4	83.1	100.1
50095	68111	ZINC	4	113.4	142.6
50096	68111	ZINC	4	110.3	148.6
50097	68111	ZINC	4	160.5	188.8
50098	68111	ZINC	4	93.3	99.4
50099	68111	ZINC	4	189.5	295.2
50100	68111	ZINC	4	147.0	168.4
50101	68111	ZINC	4	86.0	96.6
50102	68111	ZINC	4	180.2	252.6
50103	68111	ZINC	4	136.7	160.1
50104	68111	ZINC	4	148.7	183.1
50105	68111	ZINC	4	108.6	129.4
50106	68111	ZINC	4	121.0	191.0
50107	68111	ZINC	4	143.1	181.9
50108	68111	ZINC	4	142.9	166.7
50109	68111	ZINC	4	174.1	228.5
50110	68111	ZINC	4	98.5	115.7
50111	68111	ZINC	4	160.5	261.7
50112	68111	ZINC	4	143.3	172.9
50113	68111	ZINC	4	135.2	165.2
50114	68111	ZINC	4	155.1	177.3
50115	68111	ZINC	2	143.0	153.7
50116	68111	ZINC	2	136.2	140.8
50117	68111	ZINC	4	96.2	141.7
50118	68111	ZINC	4	196.1	380.4
50119	68111	ZINC	4	104.0	125.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50120	68111	ZINC	4	139.5	161.5
50121	68111	ZINC	4	211.3	276.8
50122	68111	ZINC	4	141.5	168.9
50123	68111	ZINC	4	143.8	192.4
50124	68111	ZINC	4	126.2	148.8
50125	68111	ZINC	4	122.6	138.6
50126	68111	ZINC	4	117.8	125.7
50127	68111	ZINC	4	209.8	231.2
50128	68111	ZINC	4	126.1	137.4
50129	68111	ZINC	4	196.0	221.6
50130	68111	ZINC	4	257.9	400.7
50131	68111	ZINC	4	225.1	270.0
50132	68111	ZINC	4	203.3	303.2
50133	68111	ZINC	4	203.8	276.6
50145	68111	ZINC	4	154.3	201.4
50146	68111	ZINC	4	136.1	164.2
50148	68111	ZINC	4	169.4	191.0
50149	68111	ZINC	4	146.0	197.3
50150	68111	ZINC	4	361.0	1064.5
50151	68111	ZINC	4	149.2	186.9
50152	68111	ZINC	4	181.6	203.3
50355	68111	ZINC	4	135.8	150.4
50356	68111	ZINC	4	137.3	177.7
50363	68111	ZINC	4	166.6	188.9
50364	68111	ZINC	4	135.1	157.4
50369	68111	ZINC	4	125.4	138.3
50378	68111	ZINC	4	165.5	206.3
50383	68111	ZINC	4	161.2	188.2
50384	68111	ZINC	4	179.2	224.7
50391	68111	ZINC	4	172.7	201.0
50393	68111	ZINC	4	188.0	252.5
50397	68111	ZINC	4	177.4	196.8
50398	68111	ZINC	4	165.0	190.3
50399	68111	ZINC	4	170.8	181.3
50402	68111	ZINC	4	142.9	164.5
50403	68111	ZINC	4	223.9	330.1
50404	68111	ZINC	4	139.2	153.2
50405	68111	ZINC	3	221.9	320.7
50406	68111	ZINC	4	131.9	158.0
50407	68111	ZINC	4	223.4	326.3
50408	68111	ZINC	4	155.0	175.1
50409	68111	ZINC	4	155.7	191.3
50410	68111	ZINC	4	137.4	163.0
50411	68111	ZINC	4	172.7	210.3
50412	68111	ZINC	4	184.8	231.6
50413	68111	ZINC	4	309.9	585.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50414	68111	ZINC	4	144.5	162.1
50415	68111	ZINC	4	191.5	253.0
50416	68111	ZINC	4	205.5	236.0
50417	68111	ZINC	4	144.7	155.6
50418	68111	ZINC	4	177.0	215.5
50419	68111	ZINC	4	154.5	167.7
50424	68111	ZINC	4	158.6	199.6
50428	68111	ZINC	4	191.0	228.7
50431	68111	ZINC	4	194.4	228.3
50432	68111	ZINC	4	153.2	179.4
50434	68111	ZINC	4	155.0	187.4
50435	68111	ZINC	4	173.0	186.3
50442	68111	ZINC	4	256.7	316.3
50447	68111	ZINC	5	240.1	304.6
50475	68111	ZINC	4	121.3	134.5
50502	68111	ZINC	4	204.7	264.7
50507	68111	ZINC	4	226.0	332.4
50519	68111	ZINC	4	135.8	191.6
50564	68111	ZINC	4	80.3	86.3
50612	68111	ZINC	4	137.7	158.2
50650	68111	ZINC	4	251.1	442.4
52413	68111	ZINC	4	156.3	220.6
57755	68111	ZINC	4	215.9	458.2
57756	68111	ZINC	4	220.5	290.9
58433	68111	ZINC	4	107.8	120.9
58439	68111	ZINC	2	4356.4	5647.8
61621	68111	ZINC	4	175.9	205.4
63239	68111	ZINC	4	138.6	155.6
63248	68111	ZINC	5	102.0	112.0
63640	68111	ZINC	4	230.4	310.5
63736	68111	ZINC	1	187.7	187.7
63751	68111	ZINC	5	110.0	131.6
63752	68111	ZINC	4	138.5	161.8
64031	68111	ZINC	4	454.6	1164.4
65483	68111	ZINC	4	132.5	209.0
68066	68111	ZINC	4	122.2	216.1
68067	68111	ZINC	3	113.5	129.8
68070	68111	ZINC	4	166.8	226.6
68498	68111	ZINC	5	147.6	174.3
68686	68111	ZINC	4	147.3	167.2
68689	68111	ZINC	4	130.0	142.3
68930	68111	ZINC	4	223.9	354.1
73737	68111	ZINC	4	220.1	482.2
73862	68111	ZINC	4	92.2	105.8
73865	68111	ZINC	4	118.0	133.4
74264	68111	ZINC	4	146.3	203.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
74664	68111	ZINC	2	311.8	394.6
74834	68111	ZINC	4	197.0	298.9
74835	68111	ZINC	4	231.0	309.6
74839	68111	ZINC	4	171.2	269.5
74841	68111	ZINC	4	161.0	203.7
75011	68111	ZINC	2	246.7	313.4
75648	68111	ZINC	4	74.0	80.0
77146	68111	ZINC	4	137.6	185.9
77760	68111	ZINC	4	175.2	210.8
79655	68111	ZINC	4	388.1	860.5
79703	68111	ZINC	4	201.0	224.0
79704	68111	ZINC	4	219.9	260.6
82429	68111	ZINC	4	300.0	622.9
82430	68111	ZINC	2	305.6	347.0
83717	68111	ZINC	4	119.8	160.1
86655	68111	ZINC	2	88.0	97.8
87599	68111	ZINC	1	249.1	249.1
87761	68111	ZINC	4	232.1	307.0
87901	68111	ZINC	4	161.8	170.7
89447	68111	ZINC	4	205.5	308.7
89598	68111	ZINC	4	771.9	1479.0
89835	68111	ZINC	4	118.7	131.6
89893	68111	ZINC	4	192.9	279.3
89895	68111	ZINC	4	146.3	208.1
89996	68111	ZINC	4	294.5	447.5
90022	68111	ZINC	4	211.0	259.7
90023	68111	ZINC	4	238.4	372.8
90107	68111	ZINC	4	122.7	128.0
90373	68111	ZINC	4	117.6	138.7
90375	68111	ZINC	4	132.5	171.6
90528	68111	ZINC	4	167.0	266.9
90975	68111	ZINC	4	179.2	250.8
91234	68111	ZINC	4	174.5	192.0
91331	68111	ZINC	4	280.7	596.2
91335	68111	ZINC	4	179.1	194.8
91416	68111	ZINC	4	165.4	273.1
91926	68111	ZINC	4	100.3	130.7
91927	68111	ZINC	4	88.6	101.3
562	68112	ZINC	3	137.2	165.3
2269	68112	ZINC	4	403.7	766.0
3113	68112	ZINC	4	167.6	240.7
5328	68112	ZINC	4	240.7	541.7
39713	68112	ZINC	5	320.7	483.0
39714	68112	ZINC	4	253.8	297.5
39715	68112	ZINC	3	203.8	340.9
39717	68112	ZINC	5	211.6	260.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
39722	68112	ZINC	3	206.1	291.7
39729	68112	ZINC	4	149.8	258.0
39737	68112	ZINC	4	148.1	167.8
39740	68112	ZINC	5	207.4	477.4
39744	68112	ZINC	4	183.1	279.3
39746	68112	ZINC	4	267.3	392.5
39750	68112	ZINC	4	234.3	340.1
39751	68112	ZINC	4	157.0	236.0
39752	68112	ZINC	3	287.7	411.7
39755	68112	ZINC	4	312.3	777.8
39761	68112	ZINC	3	162.6	176.2
39765	68112	ZINC	3	219.8	276.8
39775	68112	ZINC	4	168.8	242.6
39786	68112	ZINC	4	254.8	528.2
39809	68112	ZINC	5	399.9	574.9
39812	68112	ZINC	4	211.6	247.2
39820	68112	ZINC	3	187.7	272.9
39822	68112	ZINC	4	256.7	421.7
39823	68112	ZINC	4	129.6	182.7
39829	68112	ZINC	5	287.5	522.8
39834	68112	ZINC	5	168.5	217.4
39840	68112	ZINC	5	258.7	480.3
39845	68112	ZINC	4	192.9	374.9
39846	68112	ZINC	4	163.5	232.8
39874	68112	ZINC	5	275.2	637.4
39924	68112	ZINC	4	202.7	281.3
39928	68112	ZINC	4	196.8	336.7
39931	68112	ZINC	4	178.5	274.5
39937	68112	ZINC	4	281.3	480.4
39941	68112	ZINC	4	192.2	278.2
39945	68112	ZINC	5	215.2	334.7
39951	68112	ZINC	5	261.2	349.0
39957	68112	ZINC	5	135.9	202.9
39961	68112	ZINC	4	269.1	355.5
39965	68112	ZINC	4	234.6	309.8
39968	68112	ZINC	4	266.0	351.7
39970	68112	ZINC	4	193.8	254.7
39983	68112	ZINC	5	215.7	325.1
39988	68112	ZINC	4	167.9	211.3
39991	68112	ZINC	4	281.2	495.8
39998	68112	ZINC	4	188.7	253.5
40016	68112	ZINC	4	274.9	508.2
40027	68112	ZINC	4	124.7	216.4
40046	68112	ZINC	4	204.9	244.4
40058	68112	ZINC	4	137.7	332.7
40072	68112	ZINC	4	140.4	205.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
40077	68112	ZINC	4	150.6	190.7
40079	68112	ZINC	4	266.6	383.4
40082	68112	ZINC	4	166.1	264.2
40087	68112	ZINC	4	217.5	229.0
40094	68112	ZINC	4	117.5	153.7
40135	68112	ZINC	4	187.7	257.2
40141	68112	ZINC	4	158.9	229.9
40144	68112	ZINC	5	192.9	274.1
40150	68112	ZINC	4	218.6	314.2
40159	68112	ZINC	3	244.4	252.4
40164	68112	ZINC	4	282.3	507.2
40174	68112	ZINC	4	256.8	450.9
40184	68112	ZINC	4	288.4	394.0
40186	68112	ZINC	4	180.7	219.3
40190	68112	ZINC	3	163.2	236.8
40192	68112	ZINC	4	148.5	189.3
40194	68112	ZINC	5	134.5	259.0
40196	68112	ZINC	4	149.7	237.8
40205	68112	ZINC	4	219.6	283.6
40206	68112	ZINC	4	242.1	460.9
40217	68112	ZINC	4	164.7	392.5
40240	68112	ZINC	4	155.7	214.4
40247	68112	ZINC	5	207.9	319.9
40253	68112	ZINC	4	207.8	316.1
40268	68112	ZINC	4	202.4	467.6
40277	68112	ZINC	4	159.4	174.7
40299	68112	ZINC	4	724.1	824.7
40311	68112	ZINC	3	258.6	463.7
40317	68112	ZINC	4	173.0	257.6
40324	68112	ZINC	4	222.0	295.1
40332	68112	ZINC	3	131.0	132.0
40361	68112	ZINC	4	262.6	390.7
40370	68112	ZINC	4	390.4	516.4
40371	68112	ZINC	4	207.7	253.1
40380	68112	ZINC	4	274.4	346.9
40391	68112	ZINC	4	329.6	750.7
40402	68112	ZINC	4	236.8	376.3
40404	68112	ZINC	2	162.9	203.7
40409	68112	ZINC	4	187.8	282.3
40410	68112	ZINC	5	165.8	218.2
40411	68112	ZINC	3	223.4	365.1
40412	68112	ZINC	5	188.9	251.9
40414	68112	ZINC	4	220.7	391.8
40421	68112	ZINC	4	133.7	224.5
40423	68112	ZINC	2	74.3	110.9
40429	68112	ZINC	4	151.2	281.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
40431	68112	ZINC	4	193.3	251.4
40443	68112	ZINC	4	240.8	292.8
40452	68112	ZINC	4	347.4	635.3
40474	68112	ZINC	4	231.3	339.3
40480	68112	ZINC	4	272.3	539.3
40486	68112	ZINC	4	49.5	50.5
40498	68112	ZINC	4	248.2	497.5
40508	68112	ZINC	4	325.5	459.4
40509	68112	ZINC	4	210.5	281.0
40518	68112	ZINC	5	144.2	197.3
40523	68112	ZINC	2	151.7	163.5
40527	68112	ZINC	4	183.8	256.7
40529	68112	ZINC	3	262.2	393.3
40534	68112	ZINC	4	254.0	398.6
40538	68112	ZINC	3	206.8	349.0
40547	68112	ZINC	5	146.8	161.0
40662	68112	ZINC	4	168.6	234.8
40663	68112	ZINC	4	401.6	784.1
40671	68112	ZINC	4	117.1	127.5
40673	68112	ZINC	3	194.7	221.1
40695	68112	ZINC	3	151.6	210.1
40705	68112	ZINC	4	249.5	540.5
40748	68112	ZINC	3	138.6	178.8
40758	68112	ZINC	4	165.1	244.0
40783	68112	ZINC	4	251.2	537.6
40800	68112	ZINC	4	153.2	179.6
40858	68112	ZINC	5	310.1	509.8
40879	68112	ZINC	4	208.7	316.9
40894	68112	ZINC	4	283.4	406.1
40905	68112	ZINC	4	255.6	418.3
40914	68112	ZINC	4	305.2	488.9
40994	68112	ZINC	4	158.0	219.7
40997	68112	ZINC	4	120.0	172.2
40999	68112	ZINC	4	172.3	224.0
41000	68112	ZINC	3	282.4	397.7
41005	68112	ZINC	4	208.5	243.0
41006	68112	ZINC	5	318.1	707.7
41009	68112	ZINC	3	56.1	93.0
41012	68112	ZINC	4	141.6	161.3
41015	68112	ZINC	4	169.7	238.5
41029	68112	ZINC	4	166.6	238.4
41031	68112	ZINC	3	129.9	148.2
41071	68112	ZINC	5	266.3	358.8
41099	68112	ZINC	4	205.9	276.1
41117	68112	ZINC	4	200.0	262.8
41120	68112	ZINC	3	226.3	284.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
41137	68112	ZINC	3	118.2	135.5
41144	68112	ZINC	4	228.7	317.1
41157	68112	ZINC	4	191.8	246.9
41189	68112	ZINC	4	198.8	307.1
41210	68112	ZINC	4	134.2	169.3
41229	68112	ZINC	4	169.7	215.9
41242	68112	ZINC	4	241.6	407.9
41254	68112	ZINC	4	153.3	245.1
41271	68112	ZINC	4	286.8	419.2
41347	68112	ZINC	4	86.8	111.7
49205	68112	ZINC	4	444.2	678.9
45344	68117	ZINC	6	89.3	112.9
45593	68117	ZINC	4	144.6	168.2
15	68131	ZINC	2	621.4	885.9
29	68131	ZINC	3	328.2	579.8
61	68131	ZINC	2	75.1	93.5
63	68131	ZINC	3	241.1	446.3
120	68131	ZINC	2	197.2	322.8
160	68131	ZINC	3	151.6	223.3
825	68131	ZINC	3	203.3	260.5
896	68131	ZINC	1	103.1	103.1
906	68131	ZINC	4	257.3	340.7
949	68131	ZINC	4	168.7	230.5
955	68131	ZINC	4	163.4	277.4
968	68131	ZINC	3	157.9	168.9
974	68131	ZINC	3	151.5	228.4
1006	68131	ZINC	4	180.6	210.3
1080	68131	ZINC	1	288.4	288.4
1088	68131	ZINC	4	244.0	390.4
1112	68131	ZINC	3	155.6	170.2
1113	68131	ZINC	3	211.9	299.4
1198	68131	ZINC	5	124.3	194.9
1216	68131	ZINC	4	292.8	381.3
1231	68131	ZINC	5	216.9	282.7
1304	68131	ZINC	4	160.2	194.8
1516	68131	ZINC	1	277.7	277.7
2079	68131	ZINC	4	70.1	122.5
2086	68131	ZINC	4	280.2	350.2
2097	68131	ZINC	2	168.7	173.0
2100	68131	ZINC	4	206.8	287.5
2155	68131	ZINC	4	221.7	302.8
2156	68131	ZINC	3	134.0	169.4
2165	68131	ZINC	4	585.3	1100.0
2168	68131	ZINC	4	115.0	130.3
2200	68131	ZINC	4	172.0	287.0
2282	68131	ZINC	2	173.0	212.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
2321	68131	ZINC	2	129.2	162.2
2335	68131	ZINC	5	494.3	1061.9
2341	68131	ZINC	4	338.7	393.4
2361	68131	ZINC	3	399.4	533.0
2368	68131	ZINC	4	273.2	324.5
2412	68131	ZINC	4	350.1	603.1
2413	68131	ZINC	4	235.7	326.7
2417	68131	ZINC	2	101.4	133.8
2419	68131	ZINC	1	396.1	396.1
2423	68131	ZINC	2	152.9	162.7
2426	68131	ZINC	3	251.8	351.1
2428	68131	ZINC	4	130.7	289.5
2429	68131	ZINC	2	88.2	141.5
2430	68131	ZINC	5	71.5	159.7
3050	68131	ZINC	3	226.7	285.4
3056	68131	ZINC	4	139.1	216.7
3071	68131	ZINC	4	443.3	800.0
3142	68131	ZINC	4	230.1	326.8
3144	68131	ZINC	4	162.7	206.1
3179	68131	ZINC	4	220.5	273.3
3221	68131	ZINC	5	198.8	407.3
5017	68131	ZINC	4	136.8	212.7
5036	68131	ZINC	6	115.0	169.1
5037	68131	ZINC	4	183.7	212.9
5045	68131	ZINC	4	152.7	190.2
5047	68131	ZINC	4	289.6	426.0
5063	68131	ZINC	4	155.0	205.6
5082	68131	ZINC	3	189.6	304.8
5096	68131	ZINC	5	134.6	153.4
5150	68131	ZINC	4	313.6	448.0
5151	68131	ZINC	4	192.5	269.4
5153	68131	ZINC	4	191.7	323.0
5154	68131	ZINC	4	294.6	670.6
5186	68131	ZINC	4	216.4	308.5
5187	68131	ZINC	4	222.2	281.6
5188	68131	ZINC	6	216.8	335.0
5195	68131	ZINC	4	270.9	476.2
5196	68131	ZINC	4	211.8	332.9
5197	68131	ZINC	4	192.9	224.5
5259	68131	ZINC	4	345.3	684.4
5260	68131	ZINC	4	236.3	342.0
5265	68131	ZINC	4	275.0	478.7
5266	68131	ZINC	4	224.1	245.3
5267	68131	ZINC	4	274.2	635.3
5269	68131	ZINC	4	245.1	311.7
5270	68131	ZINC	4	336.2	725.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
5271	68131	ZINC	4	292.0	467.3
5272	68131	ZINC	5	302.1	420.7
5275	68131	ZINC	4	223.0	321.3
5276	68131	ZINC	4	295.5	560.2
5277	68131	ZINC	4	185.9	351.6
5278	68131	ZINC	4	191.2	219.9
5297	68131	ZINC	4	148.5	160.2
5298	68131	ZINC	4	174.9	244.6
5299	68131	ZINC	4	204.8	242.5
5373	68131	ZINC	4	234.9	318.9
5374	68131	ZINC	2	141.4	159.7
5375	68131	ZINC	4	190.5	240.5
5376	68131	ZINC	2	125.4	136.4
5377	68131	ZINC	2	154.1	169.0
5378	68131	ZINC	3	176.3	190.1
5379	68131	ZINC	4	206.7	255.8
5380	68131	ZINC	3	285.4	325.6
5384	68131	ZINC	3	237.1	244.3
5627	68131	ZINC	4	228.1	265.4
5685	68131	ZINC	4	348.8	475.3
5688	68131	ZINC	4	298.0	529.3
22791	68131	ZINC	3	144.0	219.0
22793	68131	ZINC	4	214.6	260.8
22794	68131	ZINC	4	194.2	251.1
22797	68131	ZINC	4	44.8	72.5
22809	68131	ZINC	3	156.0	184.8
22814	68131	ZINC	2	134.3	194.9
22835	68131	ZINC	4	220.4	265.6
22839	68131	ZINC	4	157.4	241.9
22843	68131	ZINC	4	121.3	192.9
22845	68131	ZINC	4	198.3	286.9
22846	68131	ZINC	4	330.1	399.5
22848	68131	ZINC	4	253.5	263.6
22855	68131	ZINC	4	241.3	283.7
22856	68131	ZINC	4	227.6	253.9
22857	68131	ZINC	4	161.8	187.7
22858	68131	ZINC	5	126.5	140.6
22865	68131	ZINC	4	213.7	233.0
22867	68131	ZINC	3	183.8	190.8
22869	68131	ZINC	4	539.0	791.4
22870	68131	ZINC	4	93.0	141.5
22871	68131	ZINC	4	245.1	391.5
22872	68131	ZINC	2	194.6	244.9
22874	68131	ZINC	2	324.3	433.3
22875	68131	ZINC	4	282.9	415.5
22878	68131	ZINC	3	171.1	233.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
22880	68131	ZINC	4	340.4	493.8
22881	68131	ZINC	3	302.4	356.0
22895	68131	ZINC	2	211.7	226.9
22902	68131	ZINC	4	307.3	447.0
22906	68131	ZINC	2	325.2	383.6
22907	68131	ZINC	3	298.6	403.7
22910	68131	ZINC	4	182.8	244.4
22912	68131	ZINC	3	417.5	530.3
22913	68131	ZINC	4	194.1	215.2
22914	68131	ZINC	2	298.8	341.5
22915	68131	ZINC	3	275.5	289.1
22916	68131	ZINC	2	216.1	256.8
22929	68131	ZINC	2	298.5	310.5
22944	68131	ZINC	4	149.0	171.3
22947	68131	ZINC	4	243.7	311.3
22948	68131	ZINC	2	166.3	190.3
22949	68131	ZINC	4	196.9	216.3
22952	68131	ZINC	3	299.9	524.7
22958	68131	ZINC	4	181.0	326.9
22959	68131	ZINC	4	132.3	152.7
22963	68131	ZINC	3	222.2	363.0
22965	68131	ZINC	4	223.6	272.4
22966	68131	ZINC	2	153.1	163.1
22967	68131	ZINC	4	360.1	792.0
22969	68131	ZINC	3	179.0	195.4
22970	68131	ZINC	3	200.0	259.4
22971	68131	ZINC	4	264.3	378.5
22974	68131	ZINC	3	292.9	420.2
22977	68131	ZINC	4	121.9	178.8
22980	68131	ZINC	4	101.8	140.2
22981	68131	ZINC	4	158.7	247.2
22984	68131	ZINC	4	176.6	251.6
22989	68131	ZINC	4	134.8	148.5
22990	68131	ZINC	4	182.3	217.7
22994	68131	ZINC	2	346.0	406.3
22995	68131	ZINC	4	167.3	262.4
22997	68131	ZINC	4	227.5	293.6
22999	68131	ZINC	4	190.7	231.0
23002	68131	ZINC	4	214.9	379.5
23003	68131	ZINC	3	247.2	281.1
23007	68131	ZINC	3	222.0	304.2
23009	68131	ZINC	2	233.4	252.9
23010	68131	ZINC	4	196.9	236.4
23016	68131	ZINC	4	307.1	592.6
23018	68131	ZINC	4	183.5	234.6
23023	68131	ZINC	2	249.4	260.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23025	68131	ZINC	4	216.6	250.8
23028	68131	ZINC	4	139.1	171.8
23031	68131	ZINC	2	210.8	249.1
23032	68131	ZINC	3	363.2	654.9
23042	68131	ZINC	2	325.4	366.4
23043	68131	ZINC	4	327.2	407.4
23044	68131	ZINC	4	210.0	331.4
23045	68131	ZINC	2	274.4	330.4
23046	68131	ZINC	3	206.6	246.4
23051	68131	ZINC	2	106.1	116.4
23056	68131	ZINC	3	326.4	466.9
23059	68131	ZINC	2	244.1	276.3
23069	68131	ZINC	3	236.3	335.4
23072	68131	ZINC	3	201.7	211.0
23074	68131	ZINC	4	207.9	255.0
23078	68131	ZINC	4	169.0	267.2
23079	68131	ZINC	4	246.9	321.0
23080	68131	ZINC	4	90.1	114.4
23081	68131	ZINC	4	334.8	678.4
23082	68131	ZINC	4	357.9	670.7
23090	68131	ZINC	4	120.8	155.2
23092	68131	ZINC	4	234.8	270.8
23093	68131	ZINC	4	185.6	252.6
23094	68131	ZINC	4	437.4	522.6
23098	68131	ZINC	3	333.5	423.1
23100	68131	ZINC	4	208.1	227.8
23102	68131	ZINC	3	267.1	356.2
23103	68131	ZINC	4	172.8	202.5
23107	68131	ZINC	3	179.4	197.5
23108	68131	ZINC	4	127.4	189.1
23109	68131	ZINC	2	111.6	121.7
23110	68131	ZINC	4	216.4	282.0
23111	68131	ZINC	4	193.7	313.5
23112	68131	ZINC	4	211.2	259.7
23113	68131	ZINC	3	207.5	266.0
23114	68131	ZINC	4	397.4	695.8
23118	68131	ZINC	4	158.6	222.7
23120	68131	ZINC	2	209.4	213.0
23121	68131	ZINC	4	160.3	172.8
23122	68131	ZINC	2	195.1	266.5
23123	68131	ZINC	4	257.2	287.6
23124	68131	ZINC	3	193.8	244.6
23125	68131	ZINC	4	285.6	366.2
23128	68131	ZINC	4	511.1	996.2
23131	68131	ZINC	5	246.9	377.2
23133	68131	ZINC	3	140.1	151.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23134	68131	ZINC	2	119.6	131.0
23135	68131	ZINC	4	148.4	249.4
23136	68131	ZINC	4	137.9	172.7
23139	68131	ZINC	3	339.2	533.3
23141	68131	ZINC	5	167.7	232.1
23142	68131	ZINC	4	136.5	193.0
23143	68131	ZINC	4	209.5	237.5
23144	68131	ZINC	4	279.6	377.4
23145	68131	ZINC	2	283.3	330.0
23146	68131	ZINC	2	230.3	271.1
23147	68131	ZINC	3	82.8	104.0
23149	68131	ZINC	4	361.2	819.4
23150	68131	ZINC	4	199.2	264.9
23152	68131	ZINC	4	333.6	411.4
23153	68131	ZINC	5	718.4	2760.0
23154	68131	ZINC	6	174.0	310.8
23155	68131	ZINC	4	188.4	251.6
23156	68131	ZINC	1	125.4	125.4
23157	68131	ZINC	2	279.5	320.4
23158	68131	ZINC	4	122.5	208.6
23161	68131	ZINC	3	140.7	210.9
23162	68131	ZINC	4	312.8	427.0
23163	68131	ZINC	2	229.0	287.8
23164	68131	ZINC	2	224.8	253.7
23165	68131	ZINC	4	192.1	213.4
23166	68131	ZINC	4	235.8	513.3
23167	68131	ZINC	4	203.6	266.3
23168	68131	ZINC	3	258.9	434.1
23171	68131	ZINC	3	200.4	260.6
23172	68131	ZINC	2	177.5	218.2
23173	68131	ZINC	4	175.6	192.7
23174	68131	ZINC	4	291.2	460.6
23175	68131	ZINC	5	126.1	209.8
23177	68131	ZINC	4	308.3	462.7
23178	68131	ZINC	4	263.5	311.4
23179	68131	ZINC	4	173.2	232.7
23180	68131	ZINC	4	190.1	231.3
23183	68131	ZINC	4	184.4	360.4
23184	68131	ZINC	2	214.0	230.2
23186	68131	ZINC	4	239.5	321.3
23187	68131	ZINC	4	180.7	328.5
23188	68131	ZINC	4	233.7	541.1
23190	68131	ZINC	2	126.5	146.9
23191	68131	ZINC	4	292.5	547.7
23198	68131	ZINC	3	206.6	381.0
23200	68131	ZINC	4	83.8	104.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23205	68131	ZINC	5	119.2	151.2
23206	68131	ZINC	3	367.8	682.3
23207	68131	ZINC	4	462.4	825.0
23208	68131	ZINC	4	140.4	199.8
23209	68131	ZINC	2	182.6	187.7
23210	68131	ZINC	4	430.3	516.1
23211	68131	ZINC	4	295.5	331.9
23212	68131	ZINC	4	346.6	503.0
23213	68131	ZINC	4	284.8	396.4
23214	68131	ZINC	4	201.6	303.6
23216	68131	ZINC	3	180.3	187.0
23217	68131	ZINC	5	245.2	312.4
23218	68131	ZINC	4	161.4	248.5
23219	68131	ZINC	4	185.6	243.7
23221	68131	ZINC	4	176.8	196.7
23222	68131	ZINC	2	141.3	144.0
23224	68131	ZINC	4	354.8	553.1
23226	68131	ZINC	3	345.3	414.2
23230	68131	ZINC	3	131.9	193.8
23231	68131	ZINC	4	119.8	145.1
23232	68131	ZINC	2	157.9	178.6
23233	68131	ZINC	4	328.6	460.8
23235	68131	ZINC	4	171.2	492.5
23236	68131	ZINC	4	307.8	367.6
23237	68131	ZINC	5	372.3	547.7
23238	68131	ZINC	3	229.0	309.6
23241	68131	ZINC	4	180.7	211.4
23243	68131	ZINC	4	220.9	261.5
23244	68131	ZINC	4	237.2	271.6
23245	68131	ZINC	2	178.1	178.3
23246	68131	ZINC	4	219.7	268.5
23248	68131	ZINC	3	222.3	257.2
23249	68131	ZINC	4	175.7	200.5
23252	68131	ZINC	4	292.7	388.6
23253	68131	ZINC	4	246.3	381.8
23254	68131	ZINC	3	162.0	278.1
23255	68131	ZINC	3	369.1	480.9
23256	68131	ZINC	4	187.3	219.3
23258	68131	ZINC	4	173.4	235.0
23260	68131	ZINC	4	118.1	134.3
23262	68131	ZINC	4	144.1	174.2
23263	68131	ZINC	4	157.0	162.5
23264	68131	ZINC	4	83.1	109.5
23266	68131	ZINC	4	259.9	554.7
23267	68131	ZINC	4	177.6	243.7
23268	68131	ZINC	4	116.4	163.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23269	68131	ZINC	2	265.1	373.7
23270	68131	ZINC	4	99.1	152.2
23271	68131	ZINC	3	178.7	220.0
23273	68131	ZINC	2	291.9	482.3
23274	68131	ZINC	5	181.7	225.0
23275	68131	ZINC	3	246.5	311.4
23276	68131	ZINC	4	133.3	170.6
23277	68131	ZINC	4	172.7	237.5
23280	68131	ZINC	4	334.0	366.2
23281	68131	ZINC	4	209.4	228.2
23285	68131	ZINC	4	231.9	317.0
23286	68131	ZINC	4	309.7	603.8
23288	68131	ZINC	2	183.7	206.5
23289	68131	ZINC	4	227.6	289.2
23292	68131	ZINC	4	318.7	400.2
23293	68131	ZINC	4	334.0	506.4
23294	68131	ZINC	4	364.0	551.3
23295	68131	ZINC	3	156.4	170.9
23296	68131	ZINC	4	240.0	358.8
23297	68131	ZINC	4	181.0	262.5
23301	68131	ZINC	5	254.3	530.0
23302	68131	ZINC	4	92.4	143.3
23303	68131	ZINC	4	161.2	228.1
23308	68131	ZINC	4	235.7	284.3
23310	68131	ZINC	2	239.7	281.2
23311	68131	ZINC	3	207.5	235.1
23312	68131	ZINC	4	180.0	270.6
23313	68131	ZINC	3	223.0	293.2
23315	68131	ZINC	4	409.2	674.1
23317	68131	ZINC	3	155.3	174.3
23320	68131	ZINC	4	321.7	364.8
23321	68131	ZINC	4	196.3	304.0
23322	68131	ZINC	4	195.6	253.8
23323	68131	ZINC	4	466.1	647.1
23324	68131	ZINC	5	210.6	300.6
23326	68131	ZINC	4	149.7	158.5
23329	68131	ZINC	3	293.5	408.5
23332	68131	ZINC	3	268.6	310.4
23333	68131	ZINC	4	418.2	549.7
23334	68131	ZINC	4	181.6	324.1
23338	68131	ZINC	2	143.4	197.6
23339	68131	ZINC	4	329.8	759.2
23340	68131	ZINC	3	218.7	318.5
23341	68131	ZINC	4	172.9	245.5
23342	68131	ZINC	4	197.8	249.5
23343	68131	ZINC	4	136.9	145.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23344	68131	ZINC	2	147.9	155.0
23345	68131	ZINC	3	150.3	152.9
23346	68131	ZINC	4	165.3	206.7
23347	68131	ZINC	4	222.7	255.1
23348	68131	ZINC	4	164.3	196.6
23350	68131	ZINC	4	156.0	186.0
23353	68131	ZINC	4	276.4	414.0
23355	68131	ZINC	2	285.6	365.1
23356	68131	ZINC	4	267.4	509.6
23357	68131	ZINC	4	420.5	623.2
23358	68131	ZINC	4	296.4	457.0
23360	68131	ZINC	4	243.0	340.0
23361	68131	ZINC	4	188.9	254.4
23362	68131	ZINC	4	227.2	395.0
23364	68131	ZINC	4	290.9	472.5
23365	68131	ZINC	4	247.1	305.7
23367	68131	ZINC	4	367.5	513.1
23368	68131	ZINC	4	213.3	255.8
23369	68131	ZINC	2	179.1	183.3
23371	68131	ZINC	4	324.4	451.3
23372	68131	ZINC	4	373.1	494.0
23374	68131	ZINC	4	158.0	302.5
23375	68131	ZINC	2	210.9	224.8
23377	68131	ZINC	4	332.0	384.4
23379	68131	ZINC	4	209.1	260.0
23380	68131	ZINC	3	217.6	269.5
23381	68131	ZINC	5	202.4	226.6
23382	68131	ZINC	4	183.0	276.5
23383	68131	ZINC	5	226.6	293.1
23384	68131	ZINC	3	204.9	254.6
23385	68131	ZINC	4	273.9	492.2
23386	68131	ZINC	4	247.1	301.6
23387	68131	ZINC	4	225.3	325.8
23388	68131	ZINC	3	374.8	552.2
23389	68131	ZINC	4	633.8	1163.7
23390	68131	ZINC	5	276.9	387.4
23391	68131	ZINC	4	217.3	297.7
23393	68131	ZINC	4	372.0	443.4
23394	68131	ZINC	3	239.7	305.2
23395	68131	ZINC	4	132.2	156.2
23396	68131	ZINC	4	658.8	1102.4
23397	68131	ZINC	3	390.6	503.2
23398	68131	ZINC	3	170.7	187.3
23399	68131	ZINC	4	266.5	300.0
23400	68131	ZINC	4	182.7	204.6
23402	68131	ZINC	4	193.2	201.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23405	68131	ZINC	4	242.4	312.8
23407	68131	ZINC	5	213.5	288.5
23408	68131	ZINC	4	256.2	397.0
23409	68131	ZINC	4	148.7	182.7
23415	68131	ZINC	4	256.1	339.8
23416	68131	ZINC	4	269.2	371.1
23417	68131	ZINC	4	272.0	290.5
23420	68131	ZINC	4	368.8	795.0
23421	68131	ZINC	4	97.8	109.4
23423	68131	ZINC	4	280.8	407.7
23425	68131	ZINC	3	237.4	327.3
23427	68131	ZINC	4	303.0	396.6
23428	68131	ZINC	3	158.0	179.6
23429	68131	ZINC	4	266.2	425.5
23430	68131	ZINC	4	208.5	301.6
23431	68131	ZINC	4	221.8	313.3
23432	68131	ZINC	4	239.2	318.4
23433	68131	ZINC	4	241.1	260.6
23434	68131	ZINC	5	237.0	495.8
23436	68131	ZINC	4	148.7	211.7
23437	68131	ZINC	6	237.6	315.2
23438	68131	ZINC	4	181.7	237.2
23439	68131	ZINC	4	247.0	289.6
23440	68131	ZINC	5	216.1	440.0
23441	68131	ZINC	4	207.0	288.8
23442	68131	ZINC	3	364.6	457.8
23443	68131	ZINC	4	152.9	210.2
23444	68131	ZINC	5	167.4	244.0
23445	68131	ZINC	4	155.9	195.9
23446	68131	ZINC	4	209.5	228.0
23447	68131	ZINC	3	312.3	459.3
23448	68131	ZINC	4	259.8	346.1
23449	68131	ZINC	4	322.5	604.6
23450	68131	ZINC	4	128.3	155.4
23451	68131	ZINC	4	164.3	191.3
23452	68131	ZINC	4	230.0	307.9
23453	68131	ZINC	4	179.9	235.5
23455	68131	ZINC	4	245.5	326.5
23456	68131	ZINC	4	280.5	315.8
23457	68131	ZINC	3	195.5	219.5
23458	68131	ZINC	4	184.9	202.1
23459	68131	ZINC	4	217.8	464.7
23460	68131	ZINC	4	178.3	204.1
23461	68131	ZINC	3	159.8	229.4
23463	68131	ZINC	4	221.2	294.0
23465	68131	ZINC	4	248.3	374.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23468	68131	ZINC	4	276.9	361.4
23469	68131	ZINC	3	200.5	231.0
23470	68131	ZINC	4	304.9	476.2
23471	68131	ZINC	4	340.4	549.2
23472	68131	ZINC	4	119.9	157.1
23473	68131	ZINC	4	285.4	479.7
23474	68131	ZINC	4	163.0	192.1
23475	68131	ZINC	4	171.0	210.8
23477	68131	ZINC	3	214.9	349.6
23480	68131	ZINC	4	153.6	274.5
23482	68131	ZINC	4	252.6	339.7
23483	68131	ZINC	4	204.4	239.7
23484	68131	ZINC	5	237.5	334.3
23485	68131	ZINC	4	197.0	284.7
23487	68131	ZINC	4	172.2	206.1
23488	68131	ZINC	4	162.8	211.9
23489	68131	ZINC	4	172.5	203.5
23490	68131	ZINC	4	171.6	205.5
23491	68131	ZINC	4	264.7	352.7
23492	68131	ZINC	4	215.9	298.0
23493	68131	ZINC	4	384.8	760.3
23494	68131	ZINC	3	334.6	499.4
23500	68131	ZINC	4	798.8	2425.3
23501	68131	ZINC	4	131.9	188.8
23502	68131	ZINC	4	391.5	640.0
23503	68131	ZINC	5	207.5	258.6
23504	68131	ZINC	5	109.6	162.2
23505	68131	ZINC	4	106.3	116.4
23506	68131	ZINC	4	258.5	444.5
23508	68131	ZINC	4	220.8	275.4
23509	68131	ZINC	4	393.5	546.8
23510	68131	ZINC	4	218.5	243.1
23512	68131	ZINC	4	183.9	269.7
23513	68131	ZINC	4	146.6	179.8
23514	68131	ZINC	4	228.2	357.9
23515	68131	ZINC	4	174.2	266.4
23517	68131	ZINC	4	187.8	336.4
23518	68131	ZINC	5	179.9	276.4
23519	68131	ZINC	4	140.1	231.3
23521	68131	ZINC	4	226.5	304.2
23522	68131	ZINC	4	242.7	391.6
23523	68131	ZINC	4	158.0	215.2
23524	68131	ZINC	3	274.5	357.1
23525	68131	ZINC	4	132.1	151.0
23526	68131	ZINC	4	166.4	185.2
23527	68131	ZINC	4	280.1	366.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23528	68131	ZINC	4	126.5	278.5
23529	68131	ZINC	4	277.7	352.1
23530	68131	ZINC	4	363.6	602.2
23531	68131	ZINC	4	276.7	386.5
23532	68131	ZINC	4	161.2	186.5
23533	68131	ZINC	4	85.4	157.0
23534	68131	ZINC	3	457.9	809.8
23535	68131	ZINC	4	312.3	446.2
23536	68131	ZINC	4	247.2	520.8
23537	68131	ZINC	4	316.8	356.9
23538	68131	ZINC	3	254.7	362.1
23539	68131	ZINC	4	161.6	197.4
23541	68131	ZINC	4	364.3	455.9
23543	68131	ZINC	4	151.6	164.5
23544	68131	ZINC	4	163.0	216.1
23545	68131	ZINC	6	116.8	210.7
23547	68131	ZINC	5	299.9	436.1
23549	68131	ZINC	4	279.7	494.0
23550	68131	ZINC	4	218.3	267.2
23553	68131	ZINC	4	318.3	533.9
23554	68131	ZINC	4	222.9	284.0
23556	68131	ZINC	4	247.1	595.1
23557	68131	ZINC	5	346.0	897.9
23558	68131	ZINC	4	183.1	294.4
23559	68131	ZINC	4	227.3	295.6
23560	68131	ZINC	4	175.1	253.6
23563	68131	ZINC	3	364.2	647.0
23564	68131	ZINC	4	257.1	492.6
23566	68131	ZINC	4	464.3	599.8
23567	68131	ZINC	4	172.2	206.9
23568	68131	ZINC	4	272.0	394.7
23569	68131	ZINC	4	140.1	299.3
23571	68131	ZINC	4	214.0	249.1
23572	68131	ZINC	5	343.8	676.1
23573	68131	ZINC	4	229.3	358.5
23575	68131	ZINC	3	95.9	111.8
23576	68131	ZINC	4	264.6	397.7
23577	68131	ZINC	4	278.4	316.7
23578	68131	ZINC	4	233.7	257.2
23580	68131	ZINC	4	177.0	188.6
23581	68131	ZINC	4	382.3	587.4
23582	68131	ZINC	4	160.7	219.3
23583	68131	ZINC	3	510.0	724.9
23584	68131	ZINC	4	276.7	478.0
23585	68131	ZINC	3	257.4	326.5
23586	68131	ZINC	4	171.5	192.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23587	68131	ZINC	4	201.5	244.4
23588	68131	ZINC	3	191.9	259.7
23591	68131	ZINC	3	262.9	396.6
23595	68131	ZINC	4	93.0	137.6
23596	68131	ZINC	5	209.5	350.8
23599	68131	ZINC	4	259.5	561.9
23600	68131	ZINC	4	241.5	365.7
23602	68131	ZINC	4	129.8	170.7
23603	68131	ZINC	4	224.8	404.3
23605	68131	ZINC	4	206.4	265.3
23606	68131	ZINC	3	224.5	291.5
23607	68131	ZINC	5	116.1	221.6
23608	68131	ZINC	4	188.7	259.6
23609	68131	ZINC	4	737.2	2004.9
23610	68131	ZINC	4	140.6	181.2
23611	68131	ZINC	3	174.4	218.0
23612	68131	ZINC	4	259.6	532.1
23613	68131	ZINC	4	163.1	211.4
23614	68131	ZINC	5	214.5	304.3
23618	68131	ZINC	4	179.9	203.1
23619	68131	ZINC	4	196.5	242.7
23620	68131	ZINC	4	284.0	534.2
23621	68131	ZINC	4	208.8	248.2
23623	68131	ZINC	4	223.7	284.2
23625	68131	ZINC	4	155.7	203.0
23627	68131	ZINC	4	232.7	282.6
23628	68131	ZINC	4	217.7	282.2
23629	68131	ZINC	4	209.8	324.1
23631	68131	ZINC	4	194.2	232.6
23633	68131	ZINC	4	296.5	411.5
23634	68131	ZINC	3	230.1	253.5
23635	68131	ZINC	4	261.4	510.4
23636	68131	ZINC	4	268.2	279.7
23637	68131	ZINC	2	380.0	475.1
23638	68131	ZINC	4	172.5	195.8
23640	68131	ZINC	4	340.6	749.2
23641	68131	ZINC	4	154.3	289.2
23642	68131	ZINC	4	208.3	288.5
23643	68131	ZINC	3	718.7	1765.4
23644	68131	ZINC	2	119.2	137.1
23645	68131	ZINC	4	387.2	898.4
23646	68131	ZINC	4	821.6	2781.6
23647	68131	ZINC	4	395.3	737.8
23650	68131	ZINC	4	207.1	272.3
23651	68131	ZINC	4	273.4	553.7
23652	68131	ZINC	3	234.1	271.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23653	68131	ZINC	5	297.1	566.4
23654	68131	ZINC	3	128.9	144.4
23657	68131	ZINC	4	217.9	263.2
23658	68131	ZINC	4	222.4	292.3
23660	68131	ZINC	4	382.2	1135.9
23661	68131	ZINC	3	292.0	395.3
23662	68131	ZINC	4	289.4	379.2
23663	68131	ZINC	3	280.1	375.4
23664	68131	ZINC	4	245.8	404.3
23666	68131	ZINC	4	260.9	289.6
23667	68131	ZINC	4	252.9	360.3
23668	68131	ZINC	4	141.7	160.8
23670	68131	ZINC	4	263.0	340.2
23672	68131	ZINC	4	193.5	325.2
23673	68131	ZINC	4	133.7	153.2
23674	68131	ZINC	4	280.9	447.7
23675	68131	ZINC	3	167.1	321.2
23676	68131	ZINC	4	682.7	971.6
23679	68131	ZINC	2	277.4	339.6
23681	68131	ZINC	4	368.6	550.2
23683	68131	ZINC	1	125.3	125.3
23686	68131	ZINC	4	150.6	179.4
23688	68131	ZINC	4	272.9	423.5
23690	68131	ZINC	5	146.7	236.6
23691	68131	ZINC	3	90.4	167.6
23696	68131	ZINC	4	191.9	296.7
23698	68131	ZINC	4	233.5	311.0
23700	68131	ZINC	4	541.0	1283.8
23701	68131	ZINC	4	254.8	315.1
23702	68131	ZINC	4	152.6	225.7
23704	68131	ZINC	5	286.2	478.5
23705	68131	ZINC	5	235.8	266.6
23707	68131	ZINC	5	144.8	192.7
23709	68131	ZINC	4	242.1	400.5
23710	68131	ZINC	5	120.6	186.1
23713	68131	ZINC	3	304.5	346.1
23716	68131	ZINC	4	182.7	273.7
23717	68131	ZINC	5	144.2	298.0
23718	68131	ZINC	4	176.0	288.7
23720	68131	ZINC	4	185.3	231.4
23721	68131	ZINC	3	288.8	444.9
23722	68131	ZINC	4	168.9	206.5
23723	68131	ZINC	4	120.1	150.4
23725	68131	ZINC	4	177.2	233.7
23727	68131	ZINC	5	157.0	215.9
23728	68131	ZINC	5	743.5	2586.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23729	68131	ZINC	4	327.7	479.1
23730	68131	ZINC	4	164.1	188.6
23731	68131	ZINC	3	164.2	220.6
23732	68131	ZINC	4	340.1	966.4
23733	68131	ZINC	4	210.4	284.7
23734	68131	ZINC	4	200.8	251.0
23735	68131	ZINC	4	297.3	458.2
23737	68131	ZINC	4	259.1	357.2
23738	68131	ZINC	5	178.0	272.7
23739	68131	ZINC	4	152.2	231.1
23741	68131	ZINC	4	219.7	339.0
23742	68131	ZINC	4	232.6	308.0
23743	68131	ZINC	4	172.1	214.9
23746	68131	ZINC	4	170.4	289.4
23748	68131	ZINC	4	140.5	169.9
23749	68131	ZINC	4	126.1	168.5
23752	68131	ZINC	5	159.0	180.9
23753	68131	ZINC	4	186.4	336.2
23754	68131	ZINC	5	185.0	313.2
23757	68131	ZINC	5	332.5	427.7
23758	68131	ZINC	4	192.6	234.3
23759	68131	ZINC	4	197.1	253.7
23761	68131	ZINC	4	130.1	162.1
23762	68131	ZINC	4	305.8	382.6
23763	68131	ZINC	4	386.0	500.7
23764	68131	ZINC	5	230.0	391.3
23765	68131	ZINC	4	170.7	242.7
23766	68131	ZINC	4	274.5	409.8
23767	68131	ZINC	4	503.6	764.4
23768	68131	ZINC	4	225.6	383.4
23771	68131	ZINC	3	218.4	243.9
23772	68131	ZINC	4	368.1	757.1
23773	68131	ZINC	4	271.5	494.6
23778	68131	ZINC	3	293.7	354.8
23779	68131	ZINC	4	133.6	188.7
23780	68131	ZINC	4	272.6	366.3
23783	68131	ZINC	4	271.6	397.9
23784	68131	ZINC	3	228.3	314.0
23786	68131	ZINC	4	218.2	285.0
23787	68131	ZINC	4	285.0	448.3
23788	68131	ZINC	3	247.0	273.0
23789	68131	ZINC	4	260.1	431.5
23790	68131	ZINC	2	205.1	206.0
23791	68131	ZINC	3	218.2	377.9
23792	68131	ZINC	4	170.3	279.5
23794	68131	ZINC	4	180.8	335.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23797	68131	ZINC	3	136.1	148.1
23798	68131	ZINC	3	171.3	224.1
23799	68131	ZINC	4	246.6	359.1
23800	68131	ZINC	4	201.8	288.0
23803	68131	ZINC	5	113.5	141.9
23804	68131	ZINC	5	232.0	402.3
23805	68131	ZINC	4	130.6	148.9
23806	68131	ZINC	4	279.6	373.7
23807	68131	ZINC	4	252.7	317.9
23808	68131	ZINC	4	179.4	232.6
23809	68131	ZINC	4	252.1	309.3
23810	68131	ZINC	1	140.5	140.5
23811	68131	ZINC	4	243.7	278.4
23813	68131	ZINC	3	158.1	190.6
23814	68131	ZINC	4	129.7	139.5
23816	68131	ZINC	4	104.6	116.5
23817	68131	ZINC	4	361.3	407.4
23819	68131	ZINC	3	137.0	174.1
23821	68131	ZINC	4	93.1	122.1
23822	68131	ZINC	4	205.1	261.5
23823	68131	ZINC	4	130.9	176.0
23824	68131	ZINC	4	328.6	442.0
23825	68131	ZINC	5	223.4	423.7
23826	68131	ZINC	4	172.8	254.7
23827	68131	ZINC	4	174.3	237.7
23829	68131	ZINC	4	214.0	302.0
23830	68131	ZINC	4	170.5	234.1
23831	68131	ZINC	4	202.7	277.1
23832	68131	ZINC	4	165.2	207.1
23833	68131	ZINC	4	186.0	259.8
23834	68131	ZINC	3	253.9	414.1
23835	68131	ZINC	5	258.1	356.1
23836	68131	ZINC	4	184.8	233.0
23840	68131	ZINC	2	173.4	185.9
23841	68131	ZINC	4	167.0	214.4
23843	68131	ZINC	3	217.0	255.7
23844	68131	ZINC	5	204.9	290.9
23845	68131	ZINC	3	256.9	380.0
23846	68131	ZINC	4	265.5	352.5
23847	68131	ZINC	3	212.5	388.6
23848	68131	ZINC	5	275.7	550.8
23849	68131	ZINC	4	185.9	369.0
23850	68131	ZINC	3	510.7	885.1
23854	68131	ZINC	4	207.0	246.6
23855	68131	ZINC	2	232.2	242.1
23858	68131	ZINC	5	209.2	300.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23859	68131	ZINC	4	155.2	220.3
23861	68131	ZINC	5	230.3	304.2
23862	68131	ZINC	4	259.1	342.9
23863	68131	ZINC	3	365.6	707.5
23864	68131	ZINC	3	236.5	241.5
23866	68131	ZINC	6	246.9	293.3
23870	68131	ZINC	4	361.1	541.9
23872	68131	ZINC	4	214.2	276.2
23873	68131	ZINC	4	336.6	633.4
23875	68131	ZINC	4	136.3	153.9
23877	68131	ZINC	4	279.2	384.3
23878	68131	ZINC	4	320.8	476.5
23879	68131	ZINC	3	250.2	360.3
23881	68131	ZINC	4	223.4	283.6
23882	68131	ZINC	3	339.6	443.3
23883	68131	ZINC	5	116.6	148.7
23886	68131	ZINC	3	219.2	361.7
23888	68131	ZINC	3	162.6	209.4
23889	68131	ZINC	4	157.6	215.4
23890	68131	ZINC	3	147.9	179.1
23891	68131	ZINC	4	259.4	382.7
23892	68131	ZINC	3	162.9	202.9
23893	68131	ZINC	5	208.8	286.4
23894	68131	ZINC	4	150.2	164.5
23895	68131	ZINC	5	209.6	380.0
23897	68131	ZINC	4	217.1	301.2
23899	68131	ZINC	4	218.3	258.4
23900	68131	ZINC	4	164.4	255.6
23903	68131	ZINC	4	279.0	350.3
23904	68131	ZINC	3	345.4	445.8
23906	68131	ZINC	3	246.1	444.0
23907	68131	ZINC	4	192.9	254.8
23908	68131	ZINC	4	168.8	220.6
23910	68131	ZINC	4	145.6	167.6
23911	68131	ZINC	3	155.7	184.6
23912	68131	ZINC	4	187.4	209.6
23913	68131	ZINC	4	248.8	331.8
23914	68131	ZINC	4	171.3	198.7
23916	68131	ZINC	4	144.6	167.8
23917	68131	ZINC	4	261.4	316.6
23918	68131	ZINC	4	206.8	295.7
23919	68131	ZINC	4	155.9	220.6
23920	68131	ZINC	3	194.7	236.0
23921	68131	ZINC	4	194.1	235.7
23922	68131	ZINC	4	212.5	255.3
23923	68131	ZINC	4	316.3	420.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23924	68131	ZINC	3	213.2	255.3
23925	68131	ZINC	5	216.1	347.2
23926	68131	ZINC	4	167.2	261.4
23927	68131	ZINC	4	215.3	341.5
23928	68131	ZINC	4	120.7	130.0
23929	68131	ZINC	4	281.8	309.9
23930	68131	ZINC	5	238.0	450.3
23931	68131	ZINC	4	224.7	337.2
23932	68131	ZINC	4	247.7	434.5
23936	68131	ZINC	4	227.7	293.6
23938	68131	ZINC	4	243.2	313.3
23939	68131	ZINC	5	438.6	1403.2
23941	68131	ZINC	5	274.3	367.4
23942	68131	ZINC	4	228.3	245.7
23943	68131	ZINC	3	264.9	420.9
23944	68131	ZINC	4	162.2	187.1
23946	68131	ZINC	4	243.2	281.3
23947	68131	ZINC	4	416.3	649.2
23948	68131	ZINC	4	235.9	285.6
23949	68131	ZINC	3	157.5	168.5
23951	68131	ZINC	4	190.5	297.4
23952	68131	ZINC	5	194.4	275.4
23953	68131	ZINC	2	229.0	304.2
23954	68131	ZINC	4	363.5	569.7
23955	68131	ZINC	4	2351.3	8354.4
23956	68131	ZINC	2	286.0	286.4
23959	68131	ZINC	4	192.2	247.1
23960	68131	ZINC	3	202.8	217.5
23961	68131	ZINC	5	249.8	350.5
23963	68131	ZINC	4	198.3	281.1
23964	68131	ZINC	4	436.4	1246.9
23965	68131	ZINC	5	183.9	258.2
23967	68131	ZINC	4	351.0	469.0
23968	68131	ZINC	4	317.7	540.8
23970	68131	ZINC	3	310.8	511.4
23971	68131	ZINC	5	159.0	176.9
23972	68131	ZINC	4	312.0	564.3
23975	68131	ZINC	2	175.0	224.4
23977	68131	ZINC	4	272.9	402.7
23978	68131	ZINC	4	250.9	343.4
23979	68131	ZINC	4	246.2	370.0
23981	68131	ZINC	4	320.1	510.4
23982	68131	ZINC	4	119.6	133.0
23983	68131	ZINC	4	143.9	184.6
23984	68131	ZINC	5	232.5	417.3
23985	68131	ZINC	3	213.1	277.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
23986	68131	ZINC	4	222.6	334.9
23987	68131	ZINC	6	168.4	250.4
23988	68131	ZINC	4	103.1	142.5
23990	68131	ZINC	3	265.4	296.2
23992	68131	ZINC	3	212.1	314.8
23994	68131	ZINC	5	163.2	273.1
23995	68131	ZINC	4	343.2	488.5
23996	68131	ZINC	5	147.5	205.8
23998	68131	ZINC	4	405.8	489.9
23999	68131	ZINC	2	433.5	470.1
24000	68131	ZINC	4	383.5	569.3
24002	68131	ZINC	4	133.6	145.2
24004	68131	ZINC	4	170.9	213.3
24009	68131	ZINC	4	231.9	309.6
24010	68131	ZINC	4	186.4	231.3
24011	68131	ZINC	3	100.2	144.7
24014	68131	ZINC	4	334.2	552.9
24015	68131	ZINC	2	341.6	458.9
24016	68131	ZINC	4	123.5	148.4
24017	68131	ZINC	3	218.5	219.0
24018	68131	ZINC	4	222.6	313.7
24019	68131	ZINC	3	259.0	364.0
24020	68131	ZINC	4	361.9	477.5
24023	68131	ZINC	4	331.2	484.2
24026	68131	ZINC	4	314.9	443.9
24027	68131	ZINC	5	272.6	331.0
24028	68131	ZINC	4	232.2	304.0
24029	68131	ZINC	2	164.5	185.5
24033	68131	ZINC	4	258.9	384.5
24035	68131	ZINC	4	200.0	235.9
24036	68131	ZINC	5	178.7	248.8
24038	68131	ZINC	5	221.8	369.5
24039	68131	ZINC	4	229.7	361.6
24040	68131	ZINC	4	323.2	424.8
24042	68131	ZINC	4	181.6	279.3
24044	68131	ZINC	4	166.6	232.1
24047	68131	ZINC	5	172.9	251.8
24048	68131	ZINC	6	124.4	160.2
24050	68131	ZINC	2	147.0	151.7
24052	68131	ZINC	5	250.5	489.5
24053	68131	ZINC	5	217.5	393.4
24056	68131	ZINC	4	100.9	123.9
24057	68131	ZINC	5	203.7	315.9
24059	68131	ZINC	4	141.3	217.9
24060	68131	ZINC	4	204.4	309.5
24062	68131	ZINC	4	202.5	376.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24063	68131	ZINC	2	261.6	333.6
24064	68131	ZINC	4	267.5	372.6
24065	68131	ZINC	4	221.6	344.4
24069	68131	ZINC	4	150.8	272.7
24070	68131	ZINC	3	154.1	230.1
24071	68131	ZINC	3	168.1	205.5
24073	68131	ZINC	4	366.1	547.2
24074	68131	ZINC	4	262.5	423.9
24076	68131	ZINC	4	201.6	293.5
24078	68131	ZINC	4	274.8	471.1
24079	68131	ZINC	4	392.8	523.4
24080	68131	ZINC	4	151.9	189.4
24081	68131	ZINC	4	382.2	509.5
24082	68131	ZINC	5	152.9	235.5
24083	68131	ZINC	4	256.1	331.7
24084	68131	ZINC	4	178.5	209.9
24086	68131	ZINC	4	460.6	1007.9
24087	68131	ZINC	4	230.3	312.7
24089	68131	ZINC	4	377.3	532.9
24092	68131	ZINC	4	251.3	303.4
24093	68131	ZINC	4	273.7	415.5
24095	68131	ZINC	4	237.9	451.2
24096	68131	ZINC	4	358.8	565.9
24098	68131	ZINC	5	362.8	449.1
24099	68131	ZINC	5	219.5	324.3
24101	68131	ZINC	4	532.3	1022.5
24103	68131	ZINC	5	242.3	364.7
24104	68131	ZINC	4	393.2	644.1
24105	68131	ZINC	4	266.1	341.5
24106	68131	ZINC	4	184.2	330.9
24107	68131	ZINC	4	293.1	406.2
24108	68131	ZINC	4	204.1	337.9
24109	68131	ZINC	4	328.4	448.0
24110	68131	ZINC	4	352.8	503.1
24111	68131	ZINC	4	248.4	339.0
24112	68131	ZINC	4	277.3	332.2
24113	68131	ZINC	4	236.9	302.6
24114	68131	ZINC	4	448.3	754.9
24115	68131	ZINC	4	267.8	375.7
24116	68131	ZINC	4	430.5	578.3
24117	68131	ZINC	4	407.6	694.1
24119	68131	ZINC	5	258.6	368.0
24120	68131	ZINC	3	184.0	381.6
24122	68131	ZINC	3	307.0	339.1
24123	68131	ZINC	4	208.8	273.1
24124	68131	ZINC	5	109.7	146.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24125	68131	ZINC	4	457.8	1194.2
24126	68131	ZINC	4	174.8	217.9
24128	68131	ZINC	4	483.6	724.3
24131	68131	ZINC	4	211.3	306.5
24132	68131	ZINC	4	370.9	782.6
24134	68131	ZINC	4	315.1	376.3
24135	68131	ZINC	4	208.8	347.5
24136	68131	ZINC	5	279.2	353.1
24137	68131	ZINC	4	106.3	121.7
24138	68131	ZINC	4	349.0	422.0
24139	68131	ZINC	4	278.3	430.5
24140	68131	ZINC	4	294.5	523.4
24141	68131	ZINC	4	229.7	316.8
24142	68131	ZINC	4	268.4	323.8
24143	68131	ZINC	4	227.2	314.1
24144	68131	ZINC	4	318.3	440.5
24145	68131	ZINC	4	309.1	533.0
24146	68131	ZINC	4	257.7	357.2
24148	68131	ZINC	4	301.7	426.3
24149	68131	ZINC	4	177.6	250.1
24150	68131	ZINC	4	229.9	251.8
24152	68131	ZINC	4	219.4	247.1
24153	68131	ZINC	4	225.2	305.5
24154	68131	ZINC	4	163.6	210.1
24156	68131	ZINC	5	309.5	513.5
24157	68131	ZINC	4	302.8	495.5
24158	68131	ZINC	4	196.0	224.9
24159	68131	ZINC	3	294.7	369.1
24162	68131	ZINC	2	173.2	182.4
24163	68131	ZINC	5	205.5	307.6
24164	68131	ZINC	4	264.5	375.7
24167	68131	ZINC	4	206.6	266.9
24169	68131	ZINC	4	353.9	528.5
24171	68131	ZINC	4	161.6	216.5
24174	68131	ZINC	4	272.2	385.7
24175	68131	ZINC	4	321.9	464.0
24176	68131	ZINC	4	174.3	232.8
24178	68131	ZINC	4	197.3	228.1
24179	68131	ZINC	6	278.1	514.9
24180	68131	ZINC	4	544.9	1402.1
24181	68131	ZINC	5	155.7	208.3
24182	68131	ZINC	3	237.9	284.0
24189	68131	ZINC	4	161.6	284.5
24190	68131	ZINC	4	186.3	231.9
24192	68131	ZINC	4	178.0	224.7
24193	68131	ZINC	4	289.4	384.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24196	68131	ZINC	4	91.1	94.7
24197	68131	ZINC	4	322.1	473.4
24199	68131	ZINC	2	690.1	741.8
24200	68131	ZINC	4	499.8	1044.4
24202	68131	ZINC	4	343.9	550.9
24203	68131	ZINC	4	259.9	417.3
24204	68131	ZINC	4	262.7	343.2
24207	68131	ZINC	4	434.4	1002.0
24208	68131	ZINC	4	222.8	266.9
24209	68131	ZINC	4	186.8	325.2
24211	68131	ZINC	4	158.7	199.7
24212	68131	ZINC	4	300.0	380.8
24214	68131	ZINC	4	254.3	346.0
24217	68131	ZINC	4	315.0	552.9
24222	68131	ZINC	4	262.8	484.9
24223	68131	ZINC	5	217.6	287.3
24225	68131	ZINC	4	336.6	461.5
24227	68131	ZINC	4	230.4	368.3
24234	68131	ZINC	4	332.6	653.0
24236	68131	ZINC	5	169.7	230.8
24237	68131	ZINC	4	242.7	330.1
24238	68131	ZINC	2	185.2	198.0
24239	68131	ZINC	4	275.2	320.9
24240	68131	ZINC	4	230.3	336.5
24244	68131	ZINC	4	214.8	300.5
24245	68131	ZINC	4	302.7	363.0
24248	68131	ZINC	4	188.0	209.2
24249	68131	ZINC	4	201.3	247.5
24250	68131	ZINC	4	223.1	301.3
24251	68131	ZINC	4	410.6	923.3
24252	68131	ZINC	4	213.7	273.7
24253	68131	ZINC	4	142.5	196.7
24255	68131	ZINC	4	215.6	276.7
24258	68131	ZINC	4	292.8	416.8
24262	68131	ZINC	4	204.6	347.1
24267	68131	ZINC	4	167.9	226.9
24268	68131	ZINC	4	191.1	254.9
24271	68131	ZINC	3	214.5	252.1
24272	68131	ZINC	4	245.6	333.7
24274	68131	ZINC	4	232.9	264.3
24275	68131	ZINC	4	153.9	200.8
24276	68131	ZINC	5	194.9	318.5
24277	68131	ZINC	4	293.5	343.7
24279	68131	ZINC	4	404.1	630.9
24282	68131	ZINC	4	175.8	184.5
24284	68131	ZINC	4	251.5	325.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24286	68131	ZINC	2	222.6	245.8
24288	68131	ZINC	4	188.3	265.8
24289	68131	ZINC	4	309.8	393.8
24290	68131	ZINC	4	218.2	358.4
24292	68131	ZINC	4	160.0	174.3
24295	68131	ZINC	5	273.7	415.8
24296	68131	ZINC	6	272.3	495.4
24299	68131	ZINC	4	256.8	321.3
24300	68131	ZINC	4	223.8	270.0
24301	68131	ZINC	4	250.8	432.8
24303	68131	ZINC	5	188.1	245.9
24304	68131	ZINC	4	122.1	143.5
24305	68131	ZINC	5	207.6	296.0
24307	68131	ZINC	4	350.5	634.4
24308	68131	ZINC	3	284.8	303.4
24310	68131	ZINC	4	218.4	333.6
24315	68131	ZINC	4	520.4	830.6
24316	68131	ZINC	4	192.7	235.6
24318	68131	ZINC	4	284.8	481.5
24319	68131	ZINC	3	166.6	190.7
24320	68131	ZINC	4	348.4	554.9
24327	68131	ZINC	4	250.3	310.3
24328	68131	ZINC	4	176.2	237.0
24334	68131	ZINC	4	158.6	183.2
24339	68131	ZINC	2	235.7	300.8
24342	68131	ZINC	4	205.1	353.6
24343	68131	ZINC	4	239.5	306.7
24344	68131	ZINC	4	170.5	218.3
24348	68131	ZINC	4	395.5	1001.1
24350	68131	ZINC	4	183.2	194.7
24352	68131	ZINC	4	224.5	404.1
24357	68131	ZINC	5	235.4	369.0
24358	68131	ZINC	5	166.8	210.2
24359	68131	ZINC	4	161.7	187.4
24361	68131	ZINC	4	170.3	237.6
24362	68131	ZINC	3	225.3	253.9
24365	68131	ZINC	4	191.8	254.5
24366	68131	ZINC	4	285.6	402.3
24367	68131	ZINC	5	316.7	584.0
24369	68131	ZINC	3	347.9	465.2
24370	68131	ZINC	5	362.5	659.0
24371	68131	ZINC	3	220.9	264.2
24372	68131	ZINC	4	149.5	240.3
24374	68131	ZINC	5	198.4	243.9
24375	68131	ZINC	4	271.9	368.4
24376	68131	ZINC	4	188.4	216.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24377	68131	ZINC	2	298.8	383.5
24379	68131	ZINC	4	252.1	336.4
24381	68131	ZINC	6	218.7	311.4
24382	68131	ZINC	4	202.3	342.9
24384	68131	ZINC	4	169.6	185.9
24385	68131	ZINC	4	387.2	653.4
24386	68131	ZINC	4	213.2	250.1
24387	68131	ZINC	6	245.3	535.7
24388	68131	ZINC	4	395.6	806.5
24389	68131	ZINC	4	292.9	450.9
24390	68131	ZINC	4	201.5	216.9
24391	68131	ZINC	4	196.2	248.2
24392	68131	ZINC	4	152.9	179.0
24393	68131	ZINC	4	183.0	196.8
24394	68131	ZINC	4	177.3	224.4
24395	68131	ZINC	5	273.4	448.5
24396	68131	ZINC	4	197.0	282.0
24398	68131	ZINC	4	206.5	260.4
24399	68131	ZINC	4	352.4	705.2
24400	68131	ZINC	4	276.8	489.2
24403	68131	ZINC	4	259.3	278.4
24404	68131	ZINC	5	235.1	350.6
24406	68131	ZINC	4	195.7	237.5
24407	68131	ZINC	4	429.9	886.2
24410	68131	ZINC	4	331.4	430.3
24411	68131	ZINC	4	315.1	476.0
24412	68131	ZINC	4	255.2	356.2
24413	68131	ZINC	4	170.8	242.2
24414	68131	ZINC	4	253.5	349.2
24418	68131	ZINC	5	204.8	383.2
24420	68131	ZINC	4	150.0	240.1
24421	68131	ZINC	4	400.3	586.0
24423	68131	ZINC	4	239.2	398.2
24424	68131	ZINC	4	333.8	358.9
24428	68131	ZINC	4	270.6	367.1
24430	68131	ZINC	4	217.6	270.2
24431	68131	ZINC	4	277.4	415.1
24432	68131	ZINC	5	190.1	216.4
24433	68131	ZINC	2	117.5	126.7
24434	68131	ZINC	1	536.5	536.5
24435	68131	ZINC	4	417.1	792.0
24436	68131	ZINC	3	158.6	224.4
24437	68131	ZINC	4	241.7	396.1
24438	68131	ZINC	3	287.0	355.8
24439	68131	ZINC	3	186.5	215.9
24441	68131	ZINC	4	370.5	468.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24442	68131	ZINC	4	193.2	310.4
24451	68131	ZINC	4	168.3	237.5
24452	68131	ZINC	6	283.5	405.7
24453	68131	ZINC	4	201.3	223.1
24456	68131	ZINC	4	139.4	184.3
24457	68131	ZINC	3	258.7	365.9
24458	68131	ZINC	4	213.4	294.5
24462	68131	ZINC	4	207.9	392.0
24464	68131	ZINC	4	190.5	241.3
24466	68131	ZINC	4	316.4	693.6
24468	68131	ZINC	4	221.2	270.3
24474	68131	ZINC	5	223.2	307.1
24475	68131	ZINC	4	299.3	347.9
24478	68131	ZINC	4	219.6	274.6
24479	68131	ZINC	4	128.5	191.2
24480	68131	ZINC	2	212.7	221.7
24481	68131	ZINC	4	267.1	297.8
24482	68131	ZINC	4	228.1	441.3
24483	68131	ZINC	4	537.0	1345.4
24485	68131	ZINC	3	178.8	196.0
24487	68131	ZINC	4	208.7	282.6
24491	68131	ZINC	3	224.9	250.4
24492	68131	ZINC	4	240.9	362.4
24493	68131	ZINC	4	494.3	657.7
24501	68131	ZINC	4	284.7	466.8
24504	68131	ZINC	4	428.1	916.5
24505	68131	ZINC	4	257.4	402.6
24507	68131	ZINC	5	226.2	269.4
24509	68131	ZINC	4	243.3	369.2
24513	68131	ZINC	4	414.4	870.6
24515	68131	ZINC	4	250.8	369.2
24516	68131	ZINC	4	133.7	150.2
24520	68131	ZINC	4	138.1	176.3
24521	68131	ZINC	4	188.4	228.0
24523	68131	ZINC	4	93.3	130.6
24524	68131	ZINC	3	449.4	860.2
24526	68131	ZINC	4	197.4	249.1
24527	68131	ZINC	4	156.4	343.7
24528	68131	ZINC	4	255.5	368.3
24531	68131	ZINC	4	92.4	119.4
24533	68131	ZINC	4	138.0	193.0
24534	68131	ZINC	4	102.0	122.2
24535	68131	ZINC	4	449.5	682.0
24536	68131	ZINC	2	326.1	412.1
24538	68131	ZINC	4	269.3	365.0
24540	68131	ZINC	4	224.2	368.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24541	68131	ZINC	4	179.3	202.4
24542	68131	ZINC	4	138.9	232.7
24543	68131	ZINC	4	230.1	358.0
24544	68131	ZINC	4	310.5	514.4
24546	68131	ZINC	5	138.0	167.2
24552	68131	ZINC	4	260.5	350.9
24555	68131	ZINC	4	441.7	544.5
24556	68131	ZINC	4	252.8	314.4
24557	68131	ZINC	4	309.4	480.5
24559	68131	ZINC	4	136.2	158.8
24560	68131	ZINC	4	195.4	234.4
24565	68131	ZINC	4	209.3	315.3
24566	68131	ZINC	3	422.9	631.8
24567	68131	ZINC	4	87.5	111.5
24568	68131	ZINC	3	254.1	321.4
24569	68131	ZINC	4	141.0	183.2
24571	68131	ZINC	4	157.6	181.2
24572	68131	ZINC	2	269.7	275.0
24573	68131	ZINC	4	281.3	314.9
24574	68131	ZINC	4	380.7	902.6
24577	68131	ZINC	4	196.0	319.0
24579	68131	ZINC	4	171.6	221.9
24581	68131	ZINC	4	360.6	490.1
24582	68131	ZINC	4	116.0	157.0
24583	68131	ZINC	2	527.8	829.9
24584	68131	ZINC	4	145.1	166.0
24587	68131	ZINC	4	156.2	198.9
24591	68131	ZINC	3	331.2	469.8
24592	68131	ZINC	4	411.5	791.1
24595	68131	ZINC	4	282.5	408.2
24596	68131	ZINC	2	188.3	198.4
24597	68131	ZINC	4	213.3	290.4
24599	68131	ZINC	4	334.3	394.1
24600	68131	ZINC	4	270.4	343.0
24601	68131	ZINC	5	177.3	230.0
24604	68131	ZINC	4	197.0	302.5
24605	68131	ZINC	3	190.4	254.9
24606	68131	ZINC	5	244.6	472.5
24607	68131	ZINC	4	234.3	282.6
24609	68131	ZINC	4	173.7	234.5
24610	68131	ZINC	3	292.5	450.2
24611	68131	ZINC	3	582.2	670.9
24612	68131	ZINC	3	335.3	492.1
24613	68131	ZINC	3	289.4	409.3
24614	68131	ZINC	4	228.4	295.0
24615	68131	ZINC	4	389.7	612.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24616	68131	ZINC	4	152.0	174.8
24618	68131	ZINC	4	364.5	695.4
24619	68131	ZINC	4	305.5	436.3
24620	68131	ZINC	4	237.6	324.4
24621	68131	ZINC	4	305.2	515.6
24625	68131	ZINC	2	411.5	436.2
24626	68131	ZINC	4	344.5	551.2
24631	68131	ZINC	3	476.7	792.7
24635	68131	ZINC	4	297.5	392.9
24640	68131	ZINC	4	374.9	488.0
24641	68131	ZINC	4	179.6	254.4
24643	68131	ZINC	2	232.2	252.8
24646	68131	ZINC	4	235.8	423.8
24647	68131	ZINC	3	209.1	279.2
24648	68131	ZINC	4	221.4	355.0
24649	68131	ZINC	4	157.6	222.1
24652	68131	ZINC	4	223.7	268.6
24653	68131	ZINC	4	202.5	304.3
24655	68131	ZINC	2	246.2	259.0
24657	68131	ZINC	4	150.7	206.3
24659	68131	ZINC	3	423.6	541.1
24660	68131	ZINC	5	311.2	394.8
24663	68131	ZINC	2	199.7	243.8
24668	68131	ZINC	4	495.3	926.5
24669	68131	ZINC	2	506.7	561.7
24671	68131	ZINC	4	170.3	193.9
24672	68131	ZINC	4	202.8	257.5
24674	68131	ZINC	4	270.2	378.0
24675	68131	ZINC	4	105.8	125.2
24678	68131	ZINC	4	129.0	157.3
24680	68131	ZINC	3	338.7	536.7
24683	68131	ZINC	4	196.2	274.9
24684	68131	ZINC	4	252.9	277.3
24685	68131	ZINC	4	309.7	380.2
24686	68131	ZINC	4	319.7	522.7
24688	68131	ZINC	3	251.1	421.8
24689	68131	ZINC	4	94.2	114.0
24690	68131	ZINC	4	475.2	814.7
24692	68131	ZINC	4	207.5	241.0
24693	68131	ZINC	4	170.5	202.6
24694	68131	ZINC	3	191.3	244.1
24695	68131	ZINC	4	281.4	356.1
24696	68131	ZINC	4	257.4	347.5
24697	68131	ZINC	5	401.4	791.1
24700	68131	ZINC	4	234.8	339.5
24701	68131	ZINC	3	215.7	288.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24703	68131	ZINC	4	295.1	363.7
24704	68131	ZINC	4	368.9	522.8
24705	68131	ZINC	2	208.4	212.9
24706	68131	ZINC	5	167.2	251.0
24709	68131	ZINC	4	181.8	222.9
24710	68131	ZINC	5	185.3	233.4
24711	68131	ZINC	4	538.1	948.6
24712	68131	ZINC	6	166.2	279.0
24714	68131	ZINC	4	196.1	216.1
24716	68131	ZINC	4	194.9	265.7
24718	68131	ZINC	4	310.9	480.1
24722	68131	ZINC	4	208.3	269.5
24724	68131	ZINC	5	167.2	198.6
24728	68131	ZINC	4	261.1	477.1
24729	68131	ZINC	3	232.0	332.9
24730	68131	ZINC	4	146.0	152.9
24732	68131	ZINC	5	424.6	1021.4
24734	68131	ZINC	4	328.2	463.4
24735	68131	ZINC	5	161.8	187.1
24736	68131	ZINC	4	188.3	236.6
24737	68131	ZINC	4	318.4	681.7
24738	68131	ZINC	4	170.7	219.1
24740	68131	ZINC	4	131.5	169.0
24746	68131	ZINC	4	357.6	462.8
24747	68131	ZINC	5	204.6	343.4
24750	68131	ZINC	4	181.6	207.9
24751	68131	ZINC	4	219.3	317.1
24755	68131	ZINC	4	174.1	251.1
24757	68131	ZINC	4	486.9	749.8
24758	68131	ZINC	4	130.4	215.2
24759	68131	ZINC	3	159.6	238.1
24760	68131	ZINC	3	163.0	200.6
24762	68131	ZINC	4	429.7	931.4
24763	68131	ZINC	4	165.9	191.3
24765	68131	ZINC	3	229.2	250.0
24768	68131	ZINC	3	208.5	282.0
24771	68131	ZINC	4	330.1	460.0
24773	68131	ZINC	4	310.5	524.5
24775	68131	ZINC	4	262.8	417.5
24776	68131	ZINC	3	211.3	276.6
24778	68131	ZINC	4	146.2	218.1
24779	68131	ZINC	3	194.7	228.8
24780	68131	ZINC	4	150.1	189.6
24781	68131	ZINC	3	245.4	386.5
24782	68131	ZINC	4	112.0	149.1
24783	68131	ZINC	2	144.9	162.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24784	68131	ZINC	4	221.2	372.2
24785	68131	ZINC	4	211.4	317.3
24787	68131	ZINC	4	184.4	243.0
24788	68131	ZINC	4	302.2	495.0
24790	68131	ZINC	4	163.6	219.0
24792	68131	ZINC	3	582.1	824.8
24793	68131	ZINC	4	467.3	713.2
24794	68131	ZINC	4	303.6	713.0
24795	68131	ZINC	4	213.6	284.3
24799	68131	ZINC	4	242.1	378.1
24800	68131	ZINC	5	149.1	176.9
24801	68131	ZINC	4	328.7	401.9
24802	68131	ZINC	4	232.3	290.2
24807	68131	ZINC	4	313.1	364.9
24808	68131	ZINC	4	196.4	276.9
24811	68131	ZINC	4	304.9	314.6
24812	68131	ZINC	4	235.6	448.8
24813	68131	ZINC	4	182.3	286.4
24815	68131	ZINC	4	125.3	136.5
24816	68131	ZINC	5	243.7	305.7
24818	68131	ZINC	5	170.9	229.7
24820	68131	ZINC	4	187.2	258.0
24822	68131	ZINC	4	165.0	173.7
24823	68131	ZINC	4	170.0	220.1
24824	68131	ZINC	5	90.2	128.0
24825	68131	ZINC	4	234.9	293.6
24827	68131	ZINC	5	241.2	417.0
24828	68131	ZINC	4	98.3	122.1
24829	68131	ZINC	4	291.7	666.1
24830	68131	ZINC	4	162.6	285.0
24831	68131	ZINC	4	192.9	227.0
24832	68131	ZINC	3	317.8	366.0
24834	68131	ZINC	2	131.4	144.0
24836	68131	ZINC	4	325.9	441.7
24837	68131	ZINC	4	263.7	334.5
24838	68131	ZINC	4	244.0	364.2
24839	68131	ZINC	4	204.0	257.5
24841	68131	ZINC	4	212.0	312.4
24843	68131	ZINC	4	87.9	96.0
24844	68131	ZINC	2	294.8	302.6
24847	68131	ZINC	4	236.3	397.2
24848	68131	ZINC	4	308.7	352.7
24849	68131	ZINC	4	233.8	373.7
24850	68131	ZINC	4	399.3	601.3
24853	68131	ZINC	4	169.9	227.6
24855	68131	ZINC	4	231.7	318.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24857	68131	ZINC	4	147.4	168.3
24858	68131	ZINC	4	171.7	247.3
24859	68131	ZINC	4	204.8	235.1
24861	68131	ZINC	4	235.2	332.5
24863	68131	ZINC	4	213.4	292.8
24864	68131	ZINC	2	179.6	212.7
24865	68131	ZINC	4	461.5	892.3
24869	68131	ZINC	4	181.9	279.1
24870	68131	ZINC	4	230.4	275.9
24871	68131	ZINC	4	346.1	466.4
24872	68131	ZINC	4	163.7	229.9
24874	68131	ZINC	4	277.5	310.1
24875	68131	ZINC	4	192.2	353.9
24876	68131	ZINC	4	320.6	417.7
24877	68131	ZINC	5	247.8	524.6
24878	68131	ZINC	5	176.7	325.6
24880	68131	ZINC	2	145.4	161.0
24881	68131	ZINC	3	342.2	402.3
24882	68131	ZINC	4	227.5	479.2
24884	68131	ZINC	4	310.9	498.3
24885	68131	ZINC	4	434.9	495.5
24887	68131	ZINC	4	373.2	475.0
24888	68131	ZINC	4	203.8	373.8
24889	68131	ZINC	4	279.5	370.7
24890	68131	ZINC	4	171.0	187.7
24891	68131	ZINC	4	180.2	201.5
24892	68131	ZINC	5	146.9	207.5
24893	68131	ZINC	4	303.0	425.1
24894	68131	ZINC	4	246.2	325.5
24895	68131	ZINC	4	236.1	273.5
24896	68131	ZINC	3	330.6	544.0
24898	68131	ZINC	4	248.2	316.4
24899	68131	ZINC	4	197.5	231.8
24900	68131	ZINC	4	227.8	347.7
24901	68131	ZINC	4	312.7	402.6
24902	68131	ZINC	4	229.3	328.2
24903	68131	ZINC	4	249.4	498.7
24904	68131	ZINC	5	210.4	289.1
24905	68131	ZINC	4	169.5	223.9
24906	68131	ZINC	5	236.8	410.7
24907	68131	ZINC	4	235.0	248.0
24908	68131	ZINC	4	167.5	208.4
24909	68131	ZINC	4	245.1	298.4
24911	68131	ZINC	4	200.9	222.9
24912	68131	ZINC	4	256.0	326.7
24913	68131	ZINC	3	397.1	622.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24914	68131	ZINC	3	219.0	256.2
24915	68131	ZINC	3	308.4	381.2
24918	68131	ZINC	4	179.2	291.1
24919	68131	ZINC	3	233.9	296.8
24920	68131	ZINC	4	118.5	165.1
24921	68131	ZINC	4	168.3	175.5
24922	68131	ZINC	5	240.0	387.5
24923	68131	ZINC	5	218.1	272.6
24924	68131	ZINC	2	273.9	332.7
24925	68131	ZINC	4	607.1	1113.1
24926	68131	ZINC	4	363.9	386.1
24927	68131	ZINC	4	135.7	164.1
24928	68131	ZINC	4	236.8	364.1
24931	68131	ZINC	4	243.2	352.1
24932	68131	ZINC	4	410.4	974.4
24934	68131	ZINC	5	432.5	692.4
24935	68131	ZINC	4	345.2	489.3
24936	68131	ZINC	4	218.8	242.8
24937	68131	ZINC	4	232.6	320.4
24939	68131	ZINC	3	168.8	304.8
24946	68131	ZINC	4	383.9	511.3
24947	68131	ZINC	4	180.3	218.8
24948	68131	ZINC	4	175.0	196.8
24949	68131	ZINC	4	247.5	391.9
24951	68131	ZINC	4	230.6	287.7
24952	68131	ZINC	4	121.9	150.9
24953	68131	ZINC	5	161.9	264.9
24955	68131	ZINC	4	176.1	238.0
24956	68131	ZINC	4	485.8	799.3
24957	68131	ZINC	4	215.6	254.5
24958	68131	ZINC	4	242.5	408.7
24959	68131	ZINC	4	269.4	412.2
24960	68131	ZINC	4	268.5	390.3
24961	68131	ZINC	4	223.3	275.6
24962	68131	ZINC	4	168.9	230.0
24963	68131	ZINC	4	215.0	271.7
24964	68131	ZINC	4	173.4	215.8
24968	68131	ZINC	4	110.6	130.2
24969	68131	ZINC	4	581.5	1706.0
24970	68131	ZINC	5	137.6	208.6
24971	68131	ZINC	4	182.6	203.4
24972	68131	ZINC	2	189.9	231.8
24973	68131	ZINC	4	202.3	297.9
24976	68131	ZINC	4	220.3	321.1
24977	68131	ZINC	3	357.4	760.3
24978	68131	ZINC	4	274.3	368.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
24979	68131	ZINC	4	459.5	1062.9
24980	68131	ZINC	4	180.9	269.3
24981	68131	ZINC	4	301.3	439.1
24983	68131	ZINC	4	336.4	382.7
24984	68131	ZINC	4	188.7	313.7
24987	68131	ZINC	4	183.1	239.4
24988	68131	ZINC	4	205.0	223.3
24989	68131	ZINC	4	237.0	265.1
24990	68131	ZINC	4	255.0	477.3
24992	68131	ZINC	4	239.5	364.8
24993	68131	ZINC	4	275.5	405.3
24994	68131	ZINC	4	272.0	322.9
24997	68131	ZINC	4	219.6	291.4
24998	68131	ZINC	4	317.5	376.2
25003	68131	ZINC	5	232.0	424.1
25005	68131	ZINC	5	319.6	520.8
25006	68131	ZINC	4	240.8	310.3
25007	68131	ZINC	4	218.8	282.5
25008	68131	ZINC	2	238.5	323.8
25009	68131	ZINC	4	149.7	165.3
25010	68131	ZINC	4	220.0	258.8
25011	68131	ZINC	4	307.5	330.2
25012	68131	ZINC	4	290.8	378.9
25016	68131	ZINC	4	400.6	811.6
25019	68131	ZINC	3	192.8	289.4
25021	68131	ZINC	4	332.4	431.7
25022	68131	ZINC	4	190.8	266.9
25025	68131	ZINC	4	292.3	433.2
25026	68131	ZINC	4	215.0	240.8
25027	68131	ZINC	4	282.5	453.1
25028	68131	ZINC	4	242.7	356.4
25030	68131	ZINC	4	508.4	881.7
25031	68131	ZINC	4	268.5	348.9
25032	68131	ZINC	4	309.2	706.9
25035	68131	ZINC	3	255.6	381.0
25037	68131	ZINC	2	201.6	239.1
25039	68131	ZINC	4	153.0	214.4
25041	68131	ZINC	4	328.0	557.2
25042	68131	ZINC	4	323.3	407.5
25044	68131	ZINC	4	207.7	321.7
25047	68131	ZINC	3	275.2	338.1
25049	68131	ZINC	5	232.3	278.5
25051	68131	ZINC	4	245.0	439.2
25052	68131	ZINC	2	153.9	166.0
25053	68131	ZINC	4	393.6	735.5
25056	68131	ZINC	4	196.9	233.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25057	68131	ZINC	4	193.7	217.0
25059	68131	ZINC	4	222.1	239.1
25061	68131	ZINC	4	185.9	307.6
25062	68131	ZINC	4	238.5	433.2
25063	68131	ZINC	4	181.8	214.7
25065	68131	ZINC	4	116.4	210.1
25066	68131	ZINC	5	122.8	159.9
25068	68131	ZINC	4	339.9	666.6
25069	68131	ZINC	4	202.9	271.2
25070	68131	ZINC	5	311.2	509.3
25071	68131	ZINC	4	230.1	385.9
25072	68131	ZINC	4	264.4	638.0
25075	68131	ZINC	4	291.6	469.7
25076	68131	ZINC	5	256.6	400.8
25077	68131	ZINC	5	188.6	258.2
25078	68131	ZINC	4	221.0	276.6
25079	68131	ZINC	4	182.3	188.1
25080	68131	ZINC	4	247.9	453.7
25081	68131	ZINC	4	282.8	452.0
25082	68131	ZINC	4	237.6	282.1
25086	68131	ZINC	4	187.8	224.3
25088	68131	ZINC	4	205.7	468.9
25089	68131	ZINC	4	267.1	516.8
25091	68131	ZINC	4	455.9	528.7
25092	68131	ZINC	4	350.1	697.6
25093	68131	ZINC	4	229.7	295.8
25095	68131	ZINC	4	406.0	544.0
25096	68131	ZINC	4	184.0	216.5
25098	68131	ZINC	4	181.3	258.0
25100	68131	ZINC	4	281.3	362.8
25105	68131	ZINC	4	224.6	305.2
25106	68131	ZINC	4	218.7	237.6
25107	68131	ZINC	4	236.0	397.6
25108	68131	ZINC	4	163.3	205.1
25109	68131	ZINC	4	234.2	267.8
25112	68131	ZINC	4	213.9	272.2
25113	68131	ZINC	4	282.4	483.4
25114	68131	ZINC	4	287.6	497.0
25116	68131	ZINC	3	289.7	346.5
25117	68131	ZINC	4	324.0	649.2
25119	68131	ZINC	4	154.0	173.8
25121	68131	ZINC	4	136.9	153.8
25123	68131	ZINC	4	297.9	549.7
25124	68131	ZINC	4	268.9	333.7
25126	68131	ZINC	3	220.4	251.8
25127	68131	ZINC	4	136.3	165.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25130	68131	ZINC	3	227.3	365.0
25131	68131	ZINC	3	357.0	424.8
25133	68131	ZINC	3	198.8	213.5
25135	68131	ZINC	4	283.9	464.4
25137	68131	ZINC	3	430.6	481.0
25139	68131	ZINC	4	251.2	294.1
25140	68131	ZINC	4	193.4	262.7
25141	68131	ZINC	4	236.1	410.5
25142	68131	ZINC	2	160.8	167.0
25144	68131	ZINC	4	271.7	383.0
25145	68131	ZINC	2	263.5	322.9
25146	68131	ZINC	4	226.1	344.3
25147	68131	ZINC	4	263.1	367.9
25150	68131	ZINC	4	395.3	548.3
25151	68131	ZINC	5	275.1	390.0
25152	68131	ZINC	4	218.9	284.4
25153	68131	ZINC	4	114.2	130.3
25154	68131	ZINC	4	341.4	489.4
25155	68131	ZINC	4	310.5	455.9
25156	68131	ZINC	4	269.0	390.4
25158	68131	ZINC	3	213.7	246.5
25159	68131	ZINC	4	229.2	382.2
25160	68131	ZINC	4	164.5	336.5
25161	68131	ZINC	3	211.1	232.2
25162	68131	ZINC	4	310.4	472.4
25163	68131	ZINC	3	427.1	736.3
25164	68131	ZINC	3	413.7	576.6
25165	68131	ZINC	4	167.4	199.2
25166	68131	ZINC	2	155.9	163.5
25167	68131	ZINC	4	184.0	248.1
25168	68131	ZINC	4	154.1	217.3
25169	68131	ZINC	3	281.4	374.9
25171	68131	ZINC	3	671.7	1326.8
25173	68131	ZINC	4	303.0	377.0
25180	68131	ZINC	4	232.3	261.3
25181	68131	ZINC	4	278.5	347.6
25182	68131	ZINC	5	266.0	312.3
25183	68131	ZINC	4	423.7	762.6
25184	68131	ZINC	4	239.0	351.4
25185	68131	ZINC	4	390.8	657.2
25187	68131	ZINC	5	279.9	358.2
25188	68131	ZINC	4	208.2	408.4
25189	68131	ZINC	4	299.8	370.9
25190	68131	ZINC	4	199.9	217.0
25191	68131	ZINC	4	1317.6	3652.9
25193	68131	ZINC	4	299.9	448.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25195	68131	ZINC	4	563.3	1096.8
25197	68131	ZINC	4	227.7	292.4
25198	68131	ZINC	4	1256.3	4183.6
25199	68131	ZINC	4	512.0	772.7
25200	68131	ZINC	4	205.4	274.1
25202	68131	ZINC	4	90.9	144.0
25203	68131	ZINC	4	238.6	255.5
25204	68131	ZINC	4	536.2	1046.5
25206	68131	ZINC	5	187.0	272.8
25208	68131	ZINC	5	153.7	217.2
25209	68131	ZINC	4	169.6	216.5
25210	68131	ZINC	4	260.5	435.1
25213	68131	ZINC	4	268.2	356.5
25215	68131	ZINC	2	118.5	122.6
25216	68131	ZINC	4	166.0	189.4
25217	68131	ZINC	4	158.7	165.6
25221	68131	ZINC	5	248.0	366.0
25223	68131	ZINC	4	247.5	501.0
25225	68131	ZINC	4	207.2	215.8
25226	68131	ZINC	4	238.6	309.2
25227	68131	ZINC	4	103.9	146.4
25228	68131	ZINC	5	261.5	358.2
25230	68131	ZINC	4	262.5	554.5
25231	68131	ZINC	4	203.3	302.0
25237	68131	ZINC	4	233.0	263.3
25238	68131	ZINC	4	180.9	272.3
25239	68131	ZINC	2	150.9	159.7
25240	68131	ZINC	2	165.4	167.2
25241	68131	ZINC	4	277.0	722.2
25242	68131	ZINC	4	267.7	345.0
25245	68131	ZINC	4	111.8	164.7
25247	68131	ZINC	4	143.8	200.0
25250	68131	ZINC	4	224.9	530.9
25251	68131	ZINC	4	272.2	386.1
25253	68131	ZINC	4	315.6	771.0
25254	68131	ZINC	4	356.3	782.4
25255	68131	ZINC	3	147.6	207.3
25256	68131	ZINC	4	238.5	299.9
25259	68131	ZINC	4	251.0	350.5
25260	68131	ZINC	3	367.0	517.8
25263	68131	ZINC	5	243.8	300.7
25265	68131	ZINC	4	430.8	651.3
25271	68131	ZINC	2	540.9	542.0
25274	68131	ZINC	4	170.9	277.1
25277	68131	ZINC	3	177.6	281.2
25278	68131	ZINC	4	444.6	632.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25281	68131	ZINC	4	463.9	681.0
25282	68131	ZINC	4	286.4	458.9
25284	68131	ZINC	2	167.8	172.2
25285	68131	ZINC	4	159.9	225.4
25286	68131	ZINC	4	368.4	475.9
25288	68131	ZINC	4	557.8	1099.6
25289	68131	ZINC	4	269.5	332.3
25292	68131	ZINC	4	262.4	361.0
25293	68131	ZINC	5	323.8	417.4
25294	68131	ZINC	4	294.9	491.2
25295	68131	ZINC	4	279.4	577.7
25296	68131	ZINC	4	179.9	239.7
25298	68131	ZINC	4	221.9	249.2
25299	68131	ZINC	4	175.7	203.9
25301	68131	ZINC	4	296.0	495.6
25302	68131	ZINC	4	234.0	268.9
25303	68131	ZINC	4	240.8	320.2
25305	68131	ZINC	4	408.7	633.2
25309	68131	ZINC	4	191.4	252.7
25311	68131	ZINC	2	408.5	565.8
25312	68131	ZINC	3	383.4	535.3
25313	68131	ZINC	4	231.8	369.8
25314	68131	ZINC	3	257.4	305.2
25315	68131	ZINC	5	252.1	311.7
25316	68131	ZINC	4	538.2	848.3
25319	68131	ZINC	4	426.7	779.9
25322	68131	ZINC	4	251.5	397.3
25324	68131	ZINC	3	199.1	295.9
25325	68131	ZINC	4	161.3	359.0
25327	68131	ZINC	3	263.2	374.6
25329	68131	ZINC	3	335.1	452.9
25330	68131	ZINC	4	185.9	283.6
25331	68131	ZINC	4	195.4	303.2
25332	68131	ZINC	5	287.2	742.3
25333	68131	ZINC	4	142.9	175.6
25334	68131	ZINC	5	172.8	199.0
25335	68131	ZINC	4	184.5	208.1
25337	68131	ZINC	4	331.0	417.3
25344	68131	ZINC	4	315.1	628.0
25346	68131	ZINC	4	319.6	654.0
25347	68131	ZINC	4	194.6	233.5
25348	68131	ZINC	4	151.3	214.0
25349	68131	ZINC	4	278.6	330.6
25351	68131	ZINC	3	350.0	483.4
25352	68131	ZINC	4	319.4	583.7
25355	68131	ZINC	4	296.7	410.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25356	68131	ZINC	4	233.5	351.3
25357	68131	ZINC	2	219.2	224.8
25359	68131	ZINC	2	304.1	387.3
25361	68131	ZINC	4	255.2	298.1
25362	68131	ZINC	4	278.6	408.8
25364	68131	ZINC	3	303.4	448.4
25365	68131	ZINC	2	484.9	526.2
25369	68131	ZINC	4	326.1	400.2
25371	68131	ZINC	3	288.7	300.3
25374	68131	ZINC	3	152.5	185.3
25376	68131	ZINC	4	232.2	300.7
25377	68131	ZINC	4	322.8	381.6
25381	68131	ZINC	4	154.2	398.6
25383	68131	ZINC	4	107.5	122.3
25384	68131	ZINC	4	432.6	747.8
25385	68131	ZINC	4	353.5	470.0
25391	68131	ZINC	4	211.9	294.0
25392	68131	ZINC	4	280.5	359.3
25393	68131	ZINC	4	245.7	454.2
25394	68131	ZINC	4	244.2	281.1
25395	68131	ZINC	5	276.9	362.5
25397	68131	ZINC	3	466.5	664.7
25398	68131	ZINC	5	304.4	512.3
25399	68131	ZINC	4	244.9	329.6
25401	68131	ZINC	4	246.6	277.8
25408	68131	ZINC	4	747.0	989.5
25410	68131	ZINC	4	456.5	666.5
25411	68131	ZINC	5	167.2	289.1
25412	68131	ZINC	4	682.9	1263.7
25414	68131	ZINC	2	831.2	1158.6
25418	68131	ZINC	4	252.2	399.5
25420	68131	ZINC	3	193.3	330.5
25421	68131	ZINC	4	335.4	521.4
25422	68131	ZINC	4	169.1	258.0
25423	68131	ZINC	4	150.6	260.2
25425	68131	ZINC	4	240.6	321.0
25426	68131	ZINC	4	172.9	203.3
25427	68131	ZINC	4	239.6	318.7
25429	68131	ZINC	4	321.1	677.6
25433	68131	ZINC	3	322.2	378.5
25434	68131	ZINC	4	133.4	145.1
25437	68131	ZINC	4	362.0	803.8
25447	68131	ZINC	4	173.8	263.8
25448	68131	ZINC	4	248.0	307.6
25450	68131	ZINC	4	90.0	120.3
25453	68131	ZINC	4	148.3	185.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25456	68131	ZINC	4	225.2	245.5
25457	68131	ZINC	4	207.7	292.3
25458	68131	ZINC	3	264.2	469.2
25459	68131	ZINC	4	338.2	522.0
25460	68131	ZINC	4	174.1	206.3
25461	68131	ZINC	3	374.4	596.5
25466	68131	ZINC	4	419.6	525.2
25467	68131	ZINC	4	341.2	487.9
25469	68131	ZINC	4	270.9	422.4
25470	68131	ZINC	4	378.4	529.9
25473	68131	ZINC	3	350.0	484.0
25474	68131	ZINC	2	206.8	225.0
25475	68131	ZINC	4	437.7	775.1
25477	68131	ZINC	3	237.6	268.3
25478	68131	ZINC	4	153.3	396.2
25480	68131	ZINC	4	184.5	234.3
25481	68131	ZINC	4	345.0	627.0
25485	68131	ZINC	4	326.9	595.2
25489	68131	ZINC	4	259.4	394.8
25491	68131	ZINC	5	310.7	367.0
25492	68131	ZINC	4	268.8	284.2
25494	68131	ZINC	4	444.8	699.6
25495	68131	ZINC	5	379.4	537.7
25496	68131	ZINC	4	224.2	287.2
25498	68131	ZINC	4	184.0	213.5
25500	68131	ZINC	4	544.7	674.9
25501	68131	ZINC	4	308.8	609.8
25503	68131	ZINC	2	283.8	345.8
25505	68131	ZINC	3	193.0	207.8
25507	68131	ZINC	3	232.4	423.1
25508	68131	ZINC	5	175.9	199.2
25509	68131	ZINC	4	212.2	255.0
25513	68131	ZINC	4	286.5	343.2
25514	68131	ZINC	4	541.0	616.6
25515	68131	ZINC	4	505.3	737.6
25518	68131	ZINC	4	281.5	388.8
25520	68131	ZINC	4	209.6	289.8
25522	68131	ZINC	4	217.9	254.8
25523	68131	ZINC	4	601.2	890.1
25527	68131	ZINC	4	201.9	239.7
25529	68131	ZINC	4	305.8	507.6
25530	68131	ZINC	2	495.7	628.5
25531	68131	ZINC	4	187.1	227.7
25532	68131	ZINC	4	285.2	385.8
25537	68131	ZINC	4	300.2	436.0
25539	68131	ZINC	4	127.9	164.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25540	68131	ZINC	4	324.3	472.5
25541	68131	ZINC	5	165.8	245.5
25543	68131	ZINC	4	272.6	430.6
25544	68131	ZINC	4	181.8	228.8
25546	68131	ZINC	4	213.9	253.9
25547	68131	ZINC	4	180.4	211.8
25548	68131	ZINC	5	292.5	310.8
25550	68131	ZINC	4	299.7	456.7
25554	68131	ZINC	4	145.1	180.0
25557	68131	ZINC	4	204.3	308.6
25558	68131	ZINC	2	202.9	230.9
25560	68131	ZINC	4	543.4	624.6
25562	68131	ZINC	4	161.1	268.1
25564	68131	ZINC	4	235.2	309.2
25565	68131	ZINC	4	665.0	823.3
25569	68131	ZINC	4	194.1	250.0
25571	68131	ZINC	3	390.7	478.5
25573	68131	ZINC	4	260.4	416.3
25574	68131	ZINC	4	209.3	371.3
25576	68131	ZINC	6	142.1	181.0
25577	68131	ZINC	4	597.7	1476.8
25579	68131	ZINC	3	247.0	327.0
25580	68131	ZINC	4	393.5	675.2
25581	68131	ZINC	4	343.1	467.7
25584	68131	ZINC	4	662.8	1016.0
25585	68131	ZINC	4	447.3	683.4
25586	68131	ZINC	4	231.4	272.7
25587	68131	ZINC	2	506.4	568.7
25591	68131	ZINC	4	156.8	211.4
25592	68131	ZINC	4	408.7	460.1
25594	68131	ZINC	4	234.1	278.8
25595	68131	ZINC	3	223.9	311.3
25599	68131	ZINC	4	523.7	891.1
25600	68131	ZINC	3	257.2	330.6
25601	68131	ZINC	4	521.6	808.0
25603	68131	ZINC	4	195.3	257.6
25604	68131	ZINC	4	167.8	236.4
25605	68131	ZINC	4	113.9	133.4
25606	68131	ZINC	4	309.1	425.3
25607	68131	ZINC	4	288.2	533.0
25609	68131	ZINC	4	267.7	307.1
25611	68131	ZINC	4	228.2	286.2
25614	68131	ZINC	4	244.7	418.2
25617	68131	ZINC	4	191.6	274.6
25618	68131	ZINC	4	600.7	858.8
25623	68131	ZINC	4	283.6	391.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
25628	68131	ZINC	4	169.0	224.7
25629	68131	ZINC	4	426.7	625.4
25630	68131	ZINC	4	513.0	862.0
25633	68131	ZINC	3	227.0	308.2
25634	68131	ZINC	4	357.5	683.4
25636	68131	ZINC	4	475.4	752.3
25639	68131	ZINC	4	175.1	246.0
25641	68131	ZINC	4	355.1	558.1
25655	68131	ZINC	4	139.8	169.0
25657	68131	ZINC	4	345.5	445.9
25665	68131	ZINC	4	154.3	218.9
25668	68131	ZINC	4	138.7	166.9
25690	68131	ZINC	4	177.0	287.9
25694	68131	ZINC	4	273.7	585.2
49213	68131	ZINC	4	133.8	189.3
49214	68131	ZINC	4	138.0	165.8
49215	68131	ZINC	5	106.3	133.9
49370	68131	ZINC	2	274.6	282.2
50000	68131	ZINC	4	140.2	179.6
50009	68131	ZINC	4	96.7	123.8
50439	68131	ZINC	4	261.9	376.1
50446	68131	ZINC	3	413.9	563.8
50448	68131	ZINC	5	237.3	292.3
50534	68131	ZINC	4	265.4	376.6
50576	68131	ZINC	3	542.2	842.7
50580	68131	ZINC	3	390.6	445.7
55747	68131	ZINC	4	288.2	304.2
57809	68131	ZINC	4	249.3	375.4
58685	68131	ZINC	4	156.3	196.6
82423	68131	ZINC	4	187.4	317.6
86097	68131	ZINC	4	175.4	249.1
89514	68131	ZINC	4	1453.9	5413.7
89546	68131	ZINC	4	132.9	149.4
89547	68131	ZINC	4	149.8	174.3
89787	68131	ZINC	4	471.3	788.4
90307	68131	ZINC	2	169.4	177.9
90701	68131	ZINC	3	171.3	250.8
90705	68131	ZINC	4	136.7	320.3
91158	68131	ZINC	4	162.5	187.7
91386	68131	ZINC	4	154.9	186.8
91457	68131	ZINC	4	243.5	471.6
92702	68131	ZINC	4	73.3	78.2
93111	68131	ZINC	5	215.6	299.7
93113	68131	ZINC	4	127.1	208.1
93114	68131	ZINC	4	220.2	317.0
93131	68131	ZINC	3	451.9	648.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
93132	68131	ZINC	3	294.0	306.1
93171	68131	ZINC	3	306.6	403.9
93413	68131	ZINC	2	113.8	115.6
93414	68131	ZINC	3	116.2	170.7
93415	68131	ZINC	3	176.4	178.8
93416	68131	ZINC	4	122.9	134.3
93417	68131	ZINC	5	192.8	489.4
93418	68131	ZINC	4	245.1	311.4
93419	68131	ZINC	3	170.7	183.0
93420	68131	ZINC	3	176.1	202.8
93540	68131	ZINC	3	223.3	228.6
5	68132	ZINC	5	190.1	220.4
60	68132	ZINC	4	126.0	174.2
1358	68132	ZINC	4	139.8	208.8
1373	68132	ZINC	3	163.1	199.9
1381	68132	ZINC	3	73.8	101.9
1424	68132	ZINC	3	120.5	167.0
2021	68132	ZINC	5	176.4	253.0
2136	68132	ZINC	4	121.1	134.3
5018	68132	ZINC	5	86.2	109.8
5137	68132	ZINC	4	212.4	289.5
5139	68132	ZINC	4	170.4	224.3
5140	68132	ZINC	3	624.0	1206.3
5312	68132	ZINC	3	211.4	258.7
5313	68132	ZINC	3	192.8	229.8
5314	68132	ZINC	4	185.4	238.4
5315	68132	ZINC	3	131.6	148.4
5316	68132	ZINC	4	86.1	139.1
5317	68132	ZINC	5	103.8	150.7
49486	68132	ZINC	2	122.1	137.4
49487	68132	ZINC	4	149.7	158.4
49488	68132	ZINC	3	275.2	410.6
49490	68132	ZINC	2	136.4	206.8
49491	68132	ZINC	3	202.8	264.4
49493	68132	ZINC	3	179.2	214.8
49494	68132	ZINC	4	206.2	417.0
49495	68132	ZINC	4	127.9	140.6
49496	68132	ZINC	4	228.5	335.8
49497	68132	ZINC	4	202.5	267.4
49498	68132	ZINC	4	371.6	490.9
49500	68132	ZINC	3	192.2	212.1
49501	68132	ZINC	3	205.5	212.4
49502	68132	ZINC	4	194.6	248.9
49503	68132	ZINC	2	303.3	400.4
49504	68132	ZINC	4	239.8	295.9
49505	68132	ZINC	4	169.0	258.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49506	68132	ZINC	4	203.1	248.8
49509	68132	ZINC	4	253.1	339.7
49510	68132	ZINC	3	215.6	241.0
49511	68132	ZINC	4	214.6	291.7
49512	68132	ZINC	4	202.1	248.2
49513	68132	ZINC	3	374.2	483.7
49514	68132	ZINC	3	468.2	755.7
49515	68132	ZINC	3	211.8	286.8
49516	68132	ZINC	5	227.0	325.6
49517	68132	ZINC	4	204.1	335.5
49518	68132	ZINC	3	226.7	326.2
49519	68132	ZINC	3	184.8	192.2
49521	68132	ZINC	4	242.6	268.6
49522	68132	ZINC	4	173.4	214.4
49523	68132	ZINC	3	136.6	170.9
49524	68132	ZINC	3	193.0	200.8
49525	68132	ZINC	5	267.9	496.6
49526	68132	ZINC	3	234.5	248.7
49527	68132	ZINC	3	215.4	260.0
49528	68132	ZINC	5	290.0	340.8
49529	68132	ZINC	5	201.7	308.6
49536	68132	ZINC	4	285.5	512.3
49538	68132	ZINC	3	149.7	207.6
49539	68132	ZINC	4	211.5	256.0
49540	68132	ZINC	1	497.9	497.9
49541	68132	ZINC	3	171.9	194.1
49542	68132	ZINC	3	268.5	322.6
49543	68132	ZINC	4	226.9	260.8
49544	68132	ZINC	4	203.5	230.7
49546	68132	ZINC	4	224.0	268.0
49547	68132	ZINC	4	219.7	238.6
49548	68132	ZINC	4	297.7	343.8
49551	68132	ZINC	4	234.2	307.2
49552	68132	ZINC	4	259.2	332.7
49553	68132	ZINC	3	231.4	306.4
49554	68132	ZINC	3	304.7	470.5
49556	68132	ZINC	3	207.6	264.8
49558	68132	ZINC	4	266.4	330.0
49561	68132	ZINC	3	323.9	398.8
49563	68132	ZINC	4	331.2	490.3
49564	68132	ZINC	4	269.3	358.9
49565	68132	ZINC	4	293.4	415.6
49566	68132	ZINC	4	314.7	622.9
49567	68132	ZINC	4	283.3	453.4
49568	68132	ZINC	4	264.4	348.3
49569	68132	ZINC	4	272.1	534.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49571	68132	ZINC	4	424.3	623.2
49573	68132	ZINC	4	248.2	298.0
49574	68132	ZINC	4	363.9	653.1
49575	68132	ZINC	3	425.5	517.8
49576	68132	ZINC	4	275.2	362.5
49577	68132	ZINC	4	255.9	295.0
49578	68132	ZINC	4	237.7	286.8
49583	68132	ZINC	4	323.0	409.9
49584	68132	ZINC	4	265.7	488.5
49585	68132	ZINC	4	267.9	436.4
49588	68132	ZINC	4	377.5	514.3
49589	68132	ZINC	4	277.9	308.4
49590	68132	ZINC	4	224.4	282.5
49591	68132	ZINC	2	252.6	327.0
49592	68132	ZINC	1	260.5	260.5
49594	68132	ZINC	2	359.8	417.5
49595	68132	ZINC	4	393.0	858.7
49599	68132	ZINC	3	261.8	290.0
49602	68132	ZINC	4	410.3	870.7
49603	68132	ZINC	3	365.8	737.2
49604	68132	ZINC	4	163.0	220.6
49607	68132	ZINC	4	124.7	157.4
49608	68132	ZINC	2	149.3	149.7
49610	68132	ZINC	4	244.6	353.0
49612	68132	ZINC	4	345.6	482.2
49613	68132	ZINC	3	229.5	259.0
49614	68132	ZINC	4	132.7	142.2
49615	68132	ZINC	3	208.5	225.0
49616	68132	ZINC	4	193.0	265.2
49618	68132	ZINC	4	196.2	238.3
49619	68132	ZINC	4	186.9	219.4
49620	68132	ZINC	3	226.6	274.7
49621	68132	ZINC	4	807.4	1723.4
49622	68132	ZINC	4	225.4	335.7
49623	68132	ZINC	4	188.5	224.0
49624	68132	ZINC	4	484.6	1279.2
49625	68132	ZINC	5	199.5	246.3
49626	68132	ZINC	4	229.5	395.0
49627	68132	ZINC	4	170.8	226.2
49628	68132	ZINC	4	195.3	213.0
49632	68132	ZINC	3	360.9	500.9
49634	68132	ZINC	5	247.8	468.0
49635	68132	ZINC	4	231.3	310.0
49637	68132	ZINC	3	241.4	271.0
49638	68132	ZINC	3	227.1	282.9
49639	68132	ZINC	2	244.7	296.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49640	68132	ZINC	4	160.1	174.3
49641	68132	ZINC	4	312.1	423.0
49642	68132	ZINC	4	302.0	644.3
49643	68132	ZINC	5	314.4	421.4
49644	68132	ZINC	4	161.4	190.3
49645	68132	ZINC	5	276.1	524.9
49647	68132	ZINC	2	134.7	145.5
49648	68132	ZINC	4	171.0	210.8
49649	68132	ZINC	5	215.3	245.3
49651	68132	ZINC	5	139.8	174.3
49652	68132	ZINC	4	267.5	428.7
49653	68132	ZINC	4	193.4	236.6
49654	68132	ZINC	3	189.7	203.7
49656	68132	ZINC	4	271.4	305.1
49657	68132	ZINC	3	179.1	193.8
49659	68132	ZINC	4	428.3	1031.1
49660	68132	ZINC	4	187.9	209.3
49661	68132	ZINC	4	203.0	261.2
49662	68132	ZINC	4	230.1	250.3
49663	68132	ZINC	4	326.7	477.0
49664	68132	ZINC	4	142.5	169.0
49665	68132	ZINC	4	197.9	225.9
49666	68132	ZINC	3	628.7	1460.0
49667	68132	ZINC	2	192.5	220.2
49668	68132	ZINC	2	454.7	628.2
49669	68132	ZINC	3	160.0	163.3
49670	68132	ZINC	4	127.7	161.5
49671	68132	ZINC	5	222.2	319.6
49672	68132	ZINC	5	164.0	329.0
49674	68132	ZINC	4	289.1	387.0
49676	68132	ZINC	4	191.9	232.2
49678	68132	ZINC	3	146.1	187.0
49679	68132	ZINC	4	187.4	211.7
49680	68132	ZINC	4	192.2	255.8
49681	68132	ZINC	4	324.0	587.7
49682	68132	ZINC	4	159.2	246.4
49686	68132	ZINC	4	246.8	347.9
49687	68132	ZINC	4	265.1	343.5
49688	68132	ZINC	4	204.9	287.4
49689	68132	ZINC	3	173.3	233.3
49690	68132	ZINC	3	170.1	199.7
49691	68132	ZINC	5	187.5	306.0
49692	68132	ZINC	3	197.5	245.9
49693	68132	ZINC	4	141.9	145.7
49694	68132	ZINC	4	172.6	186.1
49695	68132	ZINC	3	347.3	530.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49697	68132	ZINC	5	160.7	197.0
49698	68132	ZINC	4	172.8	211.4
49699	68132	ZINC	4	175.6	209.4
49701	68132	ZINC	4	168.0	173.0
49702	68132	ZINC	3	264.5	307.2
49703	68132	ZINC	4	170.4	220.9
49704	68132	ZINC	5	235.1	457.0
49707	68132	ZINC	5	200.1	279.3
49708	68132	ZINC	5	207.3	289.0
49709	68132	ZINC	4	249.6	330.7
49712	68132	ZINC	4	171.0	202.8
49713	68132	ZINC	4	213.6	278.8
49714	68132	ZINC	4	226.5	300.5
49716	68132	ZINC	4	127.3	167.2
49717	68132	ZINC	4	170.9	203.7
49722	68132	ZINC	5	158.1	171.1
49723	68132	ZINC	5	217.6	244.4
49724	68132	ZINC	5	311.1	552.0
49725	68132	ZINC	4	191.7	323.5
49726	68132	ZINC	4	173.2	217.2
49727	68132	ZINC	4	163.3	188.1
49728	68132	ZINC	4	144.5	194.8
49729	68132	ZINC	4	272.2	510.7
49730	68132	ZINC	4	162.5	259.2
49732	68132	ZINC	4	189.0	301.6
49733	68132	ZINC	4	185.7	273.9
49734	68132	ZINC	5	191.6	292.7
49736	68132	ZINC	4	175.7	327.4
49737	68132	ZINC	4	160.7	184.1
49738	68132	ZINC	5	155.4	209.9
49739	68132	ZINC	4	104.1	126.2
49741	68132	ZINC	4	251.3	394.9
49742	68132	ZINC	5	289.1	452.0
49743	68132	ZINC	4	191.4	308.9
49745	68132	ZINC	4	157.7	192.5
49746	68132	ZINC	2	168.6	175.0
49747	68132	ZINC	4	202.5	231.5
49749	68132	ZINC	5	264.3	395.6
49752	68132	ZINC	5	247.3	401.3
49753	68132	ZINC	5	206.8	251.1
49755	68132	ZINC	4	162.5	248.2
49757	68132	ZINC	4	156.5	163.6
49759	68132	ZINC	4	155.9	254.0
49760	68132	ZINC	4	209.3	282.0
49761	68132	ZINC	4	197.3	232.0
49762	68132	ZINC	4	197.2	326.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49763	68132	ZINC	5	164.1	276.7
49764	68132	ZINC	4	248.2	358.5
49765	68132	ZINC	4	202.6	276.2
49766	68132	ZINC	4	154.4	177.9
49767	68132	ZINC	4	216.8	260.6
49768	68132	ZINC	3	269.8	384.3
49769	68132	ZINC	4	233.0	282.8
49774	68132	ZINC	5	202.5	398.9
49777	68132	ZINC	4	212.6	236.6
49778	68132	ZINC	4	222.3	326.4
49779	68132	ZINC	4	183.2	214.4
49781	68132	ZINC	5	319.0	507.8
49782	68132	ZINC	5	176.9	222.3
49783	68132	ZINC	5	237.0	317.0
49784	68132	ZINC	4	219.3	455.9
49785	68132	ZINC	6	199.5	241.1
49786	68132	ZINC	4	156.8	183.9
49787	68132	ZINC	3	195.5	277.8
49788	68132	ZINC	4	212.6	239.9
49791	68132	ZINC	4	156.6	180.9
49793	68132	ZINC	5	212.1	375.5
49796	68132	ZINC	5	219.1	272.3
49797	68132	ZINC	4	224.5	320.7
49799	68132	ZINC	4	223.4	331.0
49800	68132	ZINC	4	166.0	204.6
49801	68132	ZINC	4	217.3	404.9
49802	68132	ZINC	4	471.3	878.1
49803	68132	ZINC	3	159.5	170.7
49804	68132	ZINC	3	337.8	490.4
49805	68132	ZINC	4	179.7	219.2
49806	68132	ZINC	4	258.8	400.0
49807	68132	ZINC	4	308.7	578.4
49808	68132	ZINC	4	325.8	536.5
49811	68132	ZINC	3	130.4	177.9
49812	68132	ZINC	3	150.7	168.4
49813	68132	ZINC	4	176.7	211.0
49814	68132	ZINC	5	352.0	732.7
49815	68132	ZINC	5	173.5	190.2
49816	68132	ZINC	4	203.0	290.9
49817	68132	ZINC	4	144.8	183.7
49818	68132	ZINC	3	281.5	359.7
49819	68132	ZINC	3	250.3	378.8
49820	68132	ZINC	3	425.4	849.2
49822	68132	ZINC	4	147.7	167.2
49823	68132	ZINC	4	210.3	299.8
49825	68132	ZINC	3	215.3	266.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49826	68132	ZINC	5	282.1	391.6
49827	68132	ZINC	4	185.1	197.0
49828	68132	ZINC	3	257.7	300.7
49832	68132	ZINC	3	340.6	475.9
49833	68132	ZINC	4	155.0	186.4
49834	68132	ZINC	4	211.3	242.2
49835	68132	ZINC	4	207.2	333.3
49836	68132	ZINC	4	194.0	281.4
49837	68132	ZINC	3	234.8	332.9
49839	68132	ZINC	3	301.0	556.1
49841	68132	ZINC	4	342.8	412.3
49843	68132	ZINC	4	335.5	447.6
49844	68132	ZINC	4	168.1	224.1
49846	68132	ZINC	4	161.2	206.4
49848	68132	ZINC	4	274.9	399.5
49849	68132	ZINC	4	234.3	340.2
49851	68132	ZINC	4	195.7	266.9
49852	68132	ZINC	5	471.4	1040.0
49853	68132	ZINC	5	189.5	378.3
49854	68132	ZINC	4	233.5	336.0
49855	68132	ZINC	4	232.8	265.0
49857	68132	ZINC	4	216.4	295.2
49858	68132	ZINC	2	210.7	234.8
49859	68132	ZINC	3	193.6	221.5
49860	68132	ZINC	4	211.2	232.2
49861	68132	ZINC	4	207.5	264.9
49862	68132	ZINC	4	254.6	464.8
49863	68132	ZINC	5	212.0	326.9
49864	68132	ZINC	4	491.1	876.8
49865	68132	ZINC	2	295.4	393.8
49868	68132	ZINC	4	234.1	290.2
49870	68132	ZINC	4	251.4	294.1
49872	68132	ZINC	4	226.7	373.8
49874	68132	ZINC	4	234.9	384.9
49876	68132	ZINC	2	162.7	181.9
49877	68132	ZINC	5	282.4	542.0
49881	68132	ZINC	4	278.4	424.5
49883	68132	ZINC	4	328.6	576.9
49884	68132	ZINC	4	220.2	278.4
49885	68132	ZINC	4	128.9	145.8
49886	68132	ZINC	4	198.5	210.4
49888	68132	ZINC	4	155.2	232.0
49889	68132	ZINC	4	174.8	214.7
49891	68132	ZINC	4	150.0	196.6
49892	68132	ZINC	5	161.4	258.2
49893	68132	ZINC	5	187.7	222.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49894	68132	ZINC	3	300.4	455.4
49895	68132	ZINC	4	229.8	313.6
49897	68132	ZINC	5	200.8	211.8
49898	68132	ZINC	4	185.9	211.4
49899	68132	ZINC	4	147.5	241.2
49901	68132	ZINC	4	142.3	155.6
49902	68132	ZINC	4	151.3	212.7
49905	68132	ZINC	4	187.2	288.2
49906	68132	ZINC	4	294.0	557.9
49907	68132	ZINC	4	154.1	183.4
49908	68132	ZINC	4	218.9	253.6
49909	68132	ZINC	4	401.3	531.3
49910	68132	ZINC	4	169.1	190.8
49911	68132	ZINC	4	137.0	169.3
49912	68132	ZINC	3	173.3	236.4
49913	68132	ZINC	4	179.0	201.0
49914	68132	ZINC	3	164.2	182.0
49915	68132	ZINC	4	209.2	451.0
49916	68132	ZINC	5	159.3	219.6
49917	68132	ZINC	4	195.8	243.9
49918	68132	ZINC	4	140.1	161.2
49920	68132	ZINC	4	210.3	263.5
49921	68132	ZINC	4	204.1	326.9
49922	68132	ZINC	4	201.2	319.3
49923	68132	ZINC	3	229.9	315.1
49924	68132	ZINC	4	229.8	432.0
49925	68132	ZINC	3	198.4	297.6
49926	68132	ZINC	4	214.7	303.3
49927	68132	ZINC	4	224.7	350.3
49928	68132	ZINC	4	216.8	285.1
49929	68132	ZINC	4	171.0	279.9
49930	68132	ZINC	4	239.0	385.7
49931	68132	ZINC	5	503.4	721.0
49932	68132	ZINC	2	211.9	269.1
49933	68132	ZINC	4	131.8	165.4
49934	68132	ZINC	2	236.2	284.7
49935	68132	ZINC	4	364.4	571.6
49936	68132	ZINC	4	118.5	127.9
49937	68132	ZINC	5	193.2	324.2
49938	68132	ZINC	3	244.8	308.1
49939	68132	ZINC	5	229.3	462.8
49940	68132	ZINC	4	270.1	331.0
49941	68132	ZINC	4	138.5	188.5
49943	68132	ZINC	5	256.5	440.4
49944	68132	ZINC	6	161.0	218.6
49945	68132	ZINC	4	159.9	185.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
49946	68132	ZINC	5	180.9	210.8
49947	68132	ZINC	4	164.0	249.5
49948	68132	ZINC	4	296.9	398.6
49950	68132	ZINC	4	278.7	410.2
49952	68132	ZINC	4	419.2	805.0
49953	68132	ZINC	4	157.9	205.3
49954	68132	ZINC	4	221.6	410.2
49955	68132	ZINC	3	211.3	245.3
49956	68132	ZINC	3	178.1	214.5
49958	68132	ZINC	4	183.0	191.5
49959	68132	ZINC	4	213.5	260.5
49960	68132	ZINC	4	151.3	200.9
49961	68132	ZINC	4	221.4	325.5
49962	68132	ZINC	4	289.1	525.9
49963	68132	ZINC	4	157.6	221.0
49964	68132	ZINC	4	315.2	391.4
49965	68132	ZINC	4	222.8	330.7
49966	68132	ZINC	4	274.9	332.0
49968	68132	ZINC	3	372.4	505.5
49969	68132	ZINC	3	140.4	154.6
49970	68132	ZINC	4	175.4	250.0
49971	68132	ZINC	5	251.6	319.5
49972	68132	ZINC	4	143.4	206.5
49973	68132	ZINC	4	222.7	308.3
49974	68132	ZINC	3	198.9	318.0
49975	68132	ZINC	5	204.6	252.1
49976	68132	ZINC	3	223.6	248.4
49978	68132	ZINC	4	220.0	509.4
49979	68132	ZINC	4	531.5	839.9
49981	68132	ZINC	4	193.9	230.2
49982	68132	ZINC	3	178.7	200.0
49983	68132	ZINC	5	171.5	221.1
49984	68132	ZINC	5	147.6	213.5
49985	68132	ZINC	4	245.2	338.0
49986	68132	ZINC	3	387.9	582.1
49988	68132	ZINC	4	315.0	444.8
49989	68132	ZINC	4	220.9	319.0
49990	68132	ZINC	3	222.1	248.4
49991	68132	ZINC	4	211.6	399.2
49992	68132	ZINC	4	222.0	343.9
49993	68132	ZINC	4	156.3	194.0
49994	68132	ZINC	4	225.8	357.6
49995	68132	ZINC	4	243.1	372.0
49996	68132	ZINC	4	249.5	319.8
50479	68132	ZINC	4	93.4	110.4
50484	68132	ZINC	4	117.9	155.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
50485	68132	ZINC	4	176.2	193.0
50490	68132	ZINC	4	373.7	513.1
50493	68132	ZINC	2	121.7	145.8
50494	68132	ZINC	2	199.7	202.4
50536	68132	ZINC	4	469.3	730.7
50549	68132	ZINC	4	206.1	339.6
50550	68132	ZINC	4	247.2	400.7
50591	68132	ZINC	2	107.0	107.1
50592	68132	ZINC	2	117.0	122.3
50597	68132	ZINC	4	220.2	273.5
51189	68132	ZINC	4	136.5	202.4
51190	68132	ZINC	4	176.4	246.1
51191	68132	ZINC	4	220.5	354.6
51192	68132	ZINC	3	227.7	261.8
51193	68132	ZINC	4	156.3	179.4
51194	68132	ZINC	4	191.4	280.7
51195	68132	ZINC	4	199.9	235.2
51197	68132	ZINC	4	210.7	313.8
51199	68132	ZINC	4	238.9	410.8
51200	68132	ZINC	4	162.4	186.1
51201	68132	ZINC	4	147.9	163.7
51202	68132	ZINC	5	230.7	344.3
51203	68132	ZINC	4	244.2	512.7
51205	68132	ZINC	4	223.6	278.6
51207	68132	ZINC	4	231.7	361.0
51208	68132	ZINC	4	270.8	680.2
51209	68132	ZINC	3	386.3	827.2
51210	68132	ZINC	4	193.2	268.6
51211	68132	ZINC	4	187.4	283.3
51212	68132	ZINC	4	208.4	288.5
51214	68132	ZINC	4	183.9	258.2
51215	68132	ZINC	4	191.9	228.4
51216	68132	ZINC	5	179.9	275.5
51217	68132	ZINC	5	189.2	258.0
51218	68132	ZINC	4	186.4	213.6
51219	68132	ZINC	3	137.7	157.5
51220	68132	ZINC	4	224.1	282.9
51221	68132	ZINC	5	204.9	345.9
51222	68132	ZINC	4	143.3	200.5
51223	68132	ZINC	3	205.0	255.6
51224	68132	ZINC	5	188.4	252.5
51225	68132	ZINC	4	238.3	352.1
51226	68132	ZINC	4	181.0	201.5
51227	68132	ZINC	4	219.2	301.7
51228	68132	ZINC	4	140.6	170.0
51230	68132	ZINC	4	172.5	218.8

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51231	68132	ZINC	4	223.3	369.9
51232	68132	ZINC	5	177.0	207.1
51233	68132	ZINC	4	144.7	184.4
51234	68132	ZINC	5	161.7	201.0
51235	68132	ZINC	4	190.0	229.9
51238	68132	ZINC	4	220.3	328.2
51239	68132	ZINC	3	169.8	196.6
51240	68132	ZINC	4	172.5	239.0
51241	68132	ZINC	4	217.4	322.2
51242	68132	ZINC	3	160.0	175.2
51243	68132	ZINC	5	134.6	152.9
51245	68132	ZINC	4	203.9	312.5
51246	68132	ZINC	4	228.6	362.3
51247	68132	ZINC	3	133.3	193.7
51248	68132	ZINC	4	182.0	206.7
51249	68132	ZINC	4	215.0	362.4
51250	68132	ZINC	3	163.3	169.4
51251	68132	ZINC	4	130.8	181.4
51252	68132	ZINC	4	189.9	284.9
51253	68132	ZINC	5	176.2	270.1
51254	68132	ZINC	5	224.8	297.9
51255	68132	ZINC	3	196.6	215.4
51256	68132	ZINC	4	167.2	248.0
51259	68132	ZINC	4	162.5	187.0
51260	68132	ZINC	4	356.5	745.7
51261	68132	ZINC	3	152.6	167.5
51262	68132	ZINC	5	179.6	202.8
51263	68132	ZINC	3	188.9	215.6
51266	68132	ZINC	4	151.4	187.8
51267	68132	ZINC	4	195.3	279.7
51269	68132	ZINC	4	220.7	407.0
51270	68132	ZINC	4	164.5	234.0
51271	68132	ZINC	3	165.6	215.3
51272	68132	ZINC	3	163.1	182.4
51273	68132	ZINC	5	210.9	245.6
51274	68132	ZINC	4	141.9	185.0
51276	68132	ZINC	3	174.2	222.7
51277	68132	ZINC	4	171.7	209.5
51278	68132	ZINC	5	249.5	464.7
51279	68132	ZINC	5	161.8	204.7
51280	68132	ZINC	4	140.3	201.4
51281	68132	ZINC	4	272.2	436.3
51283	68132	ZINC	4	194.8	299.3
51284	68132	ZINC	6	165.5	239.6
51285	68132	ZINC	5	198.6	243.9
51286	68132	ZINC	4	149.1	221.4

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51287	68132	ZINC	4	133.8	155.7
51288	68132	ZINC	4	138.6	158.5
51289	68132	ZINC	4	157.5	173.6
51291	68132	ZINC	3	174.1	201.6
51292	68132	ZINC	3	161.4	195.0
51293	68132	ZINC	4	267.2	580.9
51294	68132	ZINC	6	217.2	298.9
51295	68132	ZINC	4	183.5	277.3
51296	68132	ZINC	4	183.7	223.6
51298	68132	ZINC	3	230.8	251.9
51299	68132	ZINC	4	178.0	225.0
51300	68132	ZINC	3	256.9	345.3
51302	68132	ZINC	4	150.6	255.1
51303	68132	ZINC	5	559.4	1421.2
51304	68132	ZINC	4	222.0	325.4
51306	68132	ZINC	5	220.9	250.0
51307	68132	ZINC	4	170.9	188.2
51308	68132	ZINC	4	213.9	296.6
51309	68132	ZINC	3	204.7	220.2
51310	68132	ZINC	3	205.8	216.8
51312	68132	ZINC	4	173.2	205.5
51314	68132	ZINC	3	169.4	206.5
51315	68132	ZINC	4	180.5	219.7
51319	68132	ZINC	2	187.8	224.0
51320	68132	ZINC	4	152.2	173.0
51321	68132	ZINC	3	134.9	161.1
51323	68132	ZINC	5	159.7	165.0
51327	68132	ZINC	4	197.8	243.7
51329	68132	ZINC	4	138.9	173.4
51330	68132	ZINC	4	196.3	237.5
51331	68132	ZINC	5	150.9	176.3
51332	68132	ZINC	4	130.2	143.8
51333	68132	ZINC	3	124.1	136.1
51334	68132	ZINC	5	244.4	280.9
51336	68132	ZINC	4	204.8	247.6
51338	68132	ZINC	3	167.5	190.2
51344	68132	ZINC	4	250.1	459.3
51347	68132	ZINC	3	158.2	226.5
51348	68132	ZINC	3	187.7	210.3
51349	68132	ZINC	3	128.1	217.0
51350	68132	ZINC	3	209.7	274.8
51351	68132	ZINC	3	173.2	292.3
51352	68132	ZINC	3	244.5	304.0
51353	68132	ZINC	3	276.1	552.5
51354	68132	ZINC	5	170.0	235.7
51356	68132	ZINC	3	258.0	321.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51357	68132	ZINC	3	266.1	434.7
51358	68132	ZINC	4	178.4	214.8
51359	68132	ZINC	5	231.2	382.2
51361	68132	ZINC	3	234.3	299.1
51362	68132	ZINC	4	173.1	203.1
51363	68132	ZINC	3	197.4	210.8
51364	68132	ZINC	2	182.9	245.5
51367	68132	ZINC	4	177.9	217.2
51368	68132	ZINC	4	193.4	209.0
51369	68132	ZINC	3	146.1	205.8
51370	68132	ZINC	4	219.7	303.0
51374	68132	ZINC	4	244.3	505.7
51379	68132	ZINC	4	205.0	330.1
51380	68132	ZINC	2	267.9	370.2
51381	68132	ZINC	3	192.9	233.0
51383	68132	ZINC	2	156.5	183.2
51384	68132	ZINC	4	156.1	225.3
51386	68132	ZINC	4	207.0	318.9
51387	68132	ZINC	3	297.8	337.2
51388	68132	ZINC	3	214.7	303.2
51389	68132	ZINC	4	157.4	190.4
51391	68132	ZINC	4	182.9	225.8
51392	68132	ZINC	4	175.5	267.9
51393	68132	ZINC	3	189.7	226.8
51394	68132	ZINC	3	191.8	236.5
51395	68132	ZINC	4	155.8	242.8
51396	68132	ZINC	3	144.5	151.7
51397	68132	ZINC	4	181.5	226.6
51398	68132	ZINC	3	216.7	286.3
51399	68132	ZINC	5	331.7	511.7
51400	68132	ZINC	3	270.7	308.7
51401	68132	ZINC	5	230.9	260.6
51404	68132	ZINC	4	290.6	517.3
51405	68132	ZINC	4	286.3	372.9
51407	68132	ZINC	4	180.8	247.3
51408	68132	ZINC	4	156.9	200.1
51409	68132	ZINC	5	135.1	186.8
51410	68132	ZINC	5	209.8	277.7
51412	68132	ZINC	4	191.3	195.7
51413	68132	ZINC	4	180.5	276.6
51414	68132	ZINC	4	215.1	281.9
51415	68132	ZINC	2	184.4	244.8
51416	68132	ZINC	4	239.2	450.0
51422	68132	ZINC	4	247.4	300.6
51426	68132	ZINC	4	217.1	298.7
51427	68132	ZINC	4	231.7	299.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51433	68132	ZINC	2	229.0	271.2
51434	68132	ZINC	2	279.6	352.9
51437	68132	ZINC	4	180.0	237.2
51440	68132	ZINC	4	363.4	580.0
51444	68132	ZINC	4	356.5	409.3
51445	68132	ZINC	4	328.9	464.4
51454	68132	ZINC	4	375.8	1033.4
51455	68132	ZINC	4	228.8	278.0
51456	68132	ZINC	4	357.5	656.2
51457	68132	ZINC	4	207.4	242.0
51458	68132	ZINC	3	150.0	170.7
51459	68132	ZINC	4	197.2	283.8
51460	68132	ZINC	5	236.8	392.6
51464	68132	ZINC	4	240.6	275.4
51466	68132	ZINC	4	285.1	454.4
51467	68132	ZINC	4	324.5	414.3
51468	68132	ZINC	4	171.5	228.6
51469	68132	ZINC	3	278.0	336.5
51470	68132	ZINC	4	274.6	456.6
51471	68132	ZINC	4	255.2	416.7
51473	68132	ZINC	5	188.1	285.5
51474	68132	ZINC	3	271.6	350.9
51475	68132	ZINC	4	372.0	531.4
51476	68132	ZINC	4	314.3	449.3
51479	68132	ZINC	2	189.6	198.1
51480	68132	ZINC	3	396.2	881.5
51481	68132	ZINC	3	171.4	230.0
51482	68132	ZINC	4	198.8	243.7
51483	68132	ZINC	4	171.9	230.3
51485	68132	ZINC	4	155.1	241.2
51486	68132	ZINC	4	299.3	546.3
51488	68132	ZINC	2	270.9	369.1
51489	68132	ZINC	4	228.0	366.6
51490	68132	ZINC	4	317.1	491.5
51491	68132	ZINC	4	199.9	248.4
51492	68132	ZINC	5	202.9	268.9
51493	68132	ZINC	4	200.7	238.5
51494	68132	ZINC	3	355.0	659.3
51495	68132	ZINC	2	199.9	200.1
51496	68132	ZINC	3	180.8	260.8
51497	68132	ZINC	5	165.7	242.2
51499	68132	ZINC	4	149.8	190.2
51504	68132	ZINC	4	238.2	327.4
51505	68132	ZINC	4	259.6	319.2
51506	68132	ZINC	1	131.2	131.2
51507	68132	ZINC	4	209.9	314.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51508	68132	ZINC	3	271.5	415.4
51510	68132	ZINC	4	136.0	161.0
51511	68132	ZINC	4	257.8	406.0
51512	68132	ZINC	4	255.7	393.8
51515	68132	ZINC	4	240.1	368.6
51516	68132	ZINC	3	263.1	380.2
51517	68132	ZINC	5	187.4	310.9
51519	68132	ZINC	4	169.7	306.8
51520	68132	ZINC	3	239.2	280.4
51522	68132	ZINC	3	247.9	293.6
51524	68132	ZINC	4	203.0	233.0
51525	68132	ZINC	4	316.1	448.4
51526	68132	ZINC	3	221.1	292.6
51528	68132	ZINC	2	137.2	141.0
51529	68132	ZINC	4	475.6	1088.1
51530	68132	ZINC	3	263.3	348.7
51532	68132	ZINC	4	230.6	291.8
51533	68132	ZINC	4	259.3	289.4
51538	68132	ZINC	4	347.6	572.1
51540	68132	ZINC	4	158.5	219.7
51541	68132	ZINC	3	196.0	231.3
51542	68132	ZINC	3	192.4	267.8
51543	68132	ZINC	3	209.0	226.8
51544	68132	ZINC	4	344.0	563.2
51545	68132	ZINC	3	412.0	670.1
51546	68132	ZINC	5	248.3	318.8
51547	68132	ZINC	3	416.1	750.1
51550	68132	ZINC	4	147.4	196.4
51551	68132	ZINC	4	141.5	210.2
51552	68132	ZINC	4	254.3	370.1
51553	68132	ZINC	4	234.1	327.7
51556	68132	ZINC	4	308.8	373.8
51557	68132	ZINC	1	141.4	141.4
51558	68132	ZINC	4	343.0	580.7
51559	68132	ZINC	4	220.1	245.5
51561	68132	ZINC	4	138.4	148.1
51564	68132	ZINC	4	176.6	237.6
51565	68132	ZINC	3	139.4	168.5
51566	68132	ZINC	3	305.9	393.1
51567	68132	ZINC	4	192.2	222.8
51569	68132	ZINC	5	178.0	311.8
51571	68132	ZINC	4	282.8	417.8
51574	68132	ZINC	4	189.4	246.3
51577	68132	ZINC	3	215.7	263.7
51578	68132	ZINC	3	183.7	216.2
51582	68132	ZINC	4	361.4	467.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51583	68132	ZINC	4	271.1	419.9
51584	68132	ZINC	1	144.6	144.6
51585	68132	ZINC	5	167.4	203.7
51586	68132	ZINC	4	219.8	394.3
51587	68132	ZINC	4	318.0	639.6
51588	68132	ZINC	4	318.3	413.7
51589	68132	ZINC	4	209.0	228.6
51590	68132	ZINC	4	203.7	208.1
51591	68132	ZINC	3	122.8	138.3
51592	68132	ZINC	4	192.8	205.5
51594	68132	ZINC	4	186.1	294.5
51595	68132	ZINC	5	194.1	282.0
51596	68132	ZINC	4	194.2	280.4
51597	68132	ZINC	4	150.6	163.3
51598	68132	ZINC	3	126.8	135.8
51600	68132	ZINC	3	161.5	221.8
51601	68132	ZINC	3	182.3	200.6
51602	68132	ZINC	4	192.3	205.9
51607	68132	ZINC	5	122.3	135.1
51608	68132	ZINC	4	168.1	188.5
51609	68132	ZINC	4	186.4	207.7
51613	68132	ZINC	5	190.0	327.1
51615	68132	ZINC	3	300.4	504.4
51617	68132	ZINC	3	133.1	139.8
51618	68132	ZINC	5	111.7	153.1
51619	68132	ZINC	4	207.0	301.6
51620	68132	ZINC	4	214.9	253.9
51621	68132	ZINC	4	189.4	226.2
51623	68132	ZINC	3	345.6	392.0
51624	68132	ZINC	2	242.9	288.1
51625	68132	ZINC	5	177.3	223.3
51626	68132	ZINC	3	179.3	192.1
51627	68132	ZINC	4	168.9	201.9
51628	68132	ZINC	3	221.4	278.8
51629	68132	ZINC	4	215.3	329.5
51630	68132	ZINC	4	181.6	233.9
51631	68132	ZINC	3	180.5	204.2
51633	68132	ZINC	4	211.7	282.9
51634	68132	ZINC	3	363.1	647.5
51637	68132	ZINC	5	366.9	738.6
51638	68132	ZINC	2	310.4	443.9
51639	68132	ZINC	4	194.0	223.2
51640	68132	ZINC	3	217.7	379.4
51641	68132	ZINC	3	240.8	305.9
51642	68132	ZINC	2	188.8	214.3
51645	68132	ZINC	4	174.6	308.0

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51646	68132	ZINC	4	363.1	498.9
51648	68132	ZINC	3	142.5	163.5
51650	68132	ZINC	4	269.5	373.5
51652	68132	ZINC	3	313.2	371.5
51653	68132	ZINC	5	190.6	248.2
51654	68132	ZINC	3	228.0	263.9
51655	68132	ZINC	4	186.9	218.3
51656	68132	ZINC	3	196.5	220.6
51657	68132	ZINC	3	206.4	351.7
51658	68132	ZINC	4	176.6	257.9
51659	68132	ZINC	4	160.9	260.0
51660	68132	ZINC	4	358.1	975.2
51661	68132	ZINC	4	192.9	341.7
51662	68132	ZINC	4	294.3	639.4
51663	68132	ZINC	4	273.4	676.9
51664	68132	ZINC	2	117.0	136.0
51667	68132	ZINC	4	175.1	195.7
51668	68132	ZINC	4	156.7	204.6
51669	68132	ZINC	4	351.4	541.2
51671	68132	ZINC	4	216.6	300.0
51672	68132	ZINC	5	148.3	188.5
51673	68132	ZINC	3	206.3	243.3
51676	68132	ZINC	4	296.7	364.7
51678	68132	ZINC	3	135.7	148.5
51679	68132	ZINC	2	151.8	159.8
51680	68132	ZINC	3	265.7	373.1
51681	68132	ZINC	4	203.3	266.9
51682	68132	ZINC	3	224.8	262.4
51683	68132	ZINC	4	155.8	201.0
51684	68132	ZINC	4	219.2	273.1
51685	68132	ZINC	5	396.6	556.1
51687	68132	ZINC	4	330.2	738.4
51688	68132	ZINC	3	200.1	229.5
51689	68132	ZINC	4	241.1	277.5
51690	68132	ZINC	6	175.4	202.7
51691	68132	ZINC	4	168.4	230.5
51692	68132	ZINC	3	272.3	308.8
51693	68132	ZINC	4	330.7	398.2
51694	68132	ZINC	2	267.2	278.7
51696	68132	ZINC	4	475.3	903.0
51699	68132	ZINC	4	216.3	241.5
51700	68132	ZINC	3	192.7	230.4
51701	68132	ZINC	4	178.3	198.3
51703	68132	ZINC	2	329.9	534.8
51704	68132	ZINC	4	345.1	431.5
51705	68132	ZINC	4	292.1	410.6

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51706	68132	ZINC	5	356.7	466.1
51708	68132	ZINC	2	142.8	184.7
51709	68132	ZINC	2	354.9	356.3
51710	68132	ZINC	4	216.9	317.6
51711	68132	ZINC	4	171.6	209.9
51712	68132	ZINC	5	201.7	289.0
51715	68132	ZINC	3	311.2	357.2
51716	68132	ZINC	4	229.8	289.4
51717	68132	ZINC	4	246.6	274.6
51720	68132	ZINC	4	166.5	199.2
51721	68132	ZINC	4	503.7	855.2
51722	68132	ZINC	4	256.8	359.2
51724	68132	ZINC	3	275.6	343.2
51725	68132	ZINC	4	494.2	730.6
51727	68132	ZINC	4	235.5	412.8
51728	68132	ZINC	3	212.0	430.8
51730	68132	ZINC	4	256.7	286.5
51731	68132	ZINC	5	160.1	218.0
51733	68132	ZINC	4	255.7	351.7
51734	68132	ZINC	5	189.9	261.7
51735	68132	ZINC	4	232.4	260.0
51736	68132	ZINC	3	226.1	283.6
51737	68132	ZINC	4	236.8	254.4
51738	68132	ZINC	4	294.3	433.9
51747	68132	ZINC	4	215.2	376.5
51748	68132	ZINC	4	220.2	285.0
51749	68132	ZINC	4	195.5	242.3
51750	68132	ZINC	4	145.0	164.0
51751	68132	ZINC	4	127.4	144.0
51752	68132	ZINC	4	153.1	213.8
51753	68132	ZINC	4	193.8	274.3
51754	68132	ZINC	3	188.7	295.6
51756	68132	ZINC	2	126.5	143.5
51757	68132	ZINC	4	184.8	268.8
51758	68132	ZINC	5	166.6	208.0
51759	68132	ZINC	4	200.2	275.5
51764	68132	ZINC	5	214.7	297.2
51765	68132	ZINC	4	222.1	339.0
51766	68132	ZINC	2	112.1	130.9
51767	68132	ZINC	4	114.1	138.0
51768	68132	ZINC	4	168.3	209.9
51769	68132	ZINC	2	107.7	131.4
51772	68132	ZINC	5	227.6	358.9
51774	68132	ZINC	3	181.0	306.4
51775	68132	ZINC	4	195.5	206.5
51777	68132	ZINC	2	299.5	386.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51778	68132	ZINC	4	154.0	179.1
51779	68132	ZINC	3	181.6	228.0
51780	68132	ZINC	4	184.3	232.2
51781	68132	ZINC	4	158.5	192.1
51782	68132	ZINC	3	213.9	281.1
51783	68132	ZINC	3	133.6	147.1
51784	68132	ZINC	5	178.7	232.0
51785	68132	ZINC	5	142.6	155.5
51786	68132	ZINC	4	209.7	333.6
51787	68132	ZINC	4	134.1	160.8
51788	68132	ZINC	4	189.3	324.7
51789	68132	ZINC	3	203.9	242.2
51790	68132	ZINC	4	192.7	268.1
51791	68132	ZINC	3	248.5	330.9
51792	68132	ZINC	4	183.2	269.2
51793	68132	ZINC	3	209.2	275.7
51795	68132	ZINC	3	235.3	306.4
51796	68132	ZINC	4	167.8	189.4
51797	68132	ZINC	3	204.5	313.6
51798	68132	ZINC	4	303.6	837.1
51800	68132	ZINC	3	233.5	329.0
51801	68132	ZINC	3	192.3	227.5
51802	68132	ZINC	3	154.5	181.8
51803	68132	ZINC	4	280.6	532.2
51805	68132	ZINC	4	144.8	161.0
51806	68132	ZINC	1	228.5	228.5
51807	68132	ZINC	4	294.3	392.4
51808	68132	ZINC	3	197.2	271.1
51809	68132	ZINC	3	302.5	429.7
51813	68132	ZINC	4	173.5	208.5
51814	68132	ZINC	4	157.1	279.4
51816	68132	ZINC	3	241.7	265.2
51817	68132	ZINC	3	279.1	397.4
51818	68132	ZINC	2	154.5	189.8
51819	68132	ZINC	4	213.2	287.0
51820	68132	ZINC	5	430.6	824.1
51821	68132	ZINC	4	167.0	208.3
51822	68132	ZINC	4	230.1	331.8
51825	68132	ZINC	5	227.5	313.1
51826	68132	ZINC	4	264.0	317.7
51827	68132	ZINC	2	192.8	218.8
51828	68132	ZINC	4	213.9	354.5
51829	68132	ZINC	3	182.4	206.0
51831	68132	ZINC	3	381.9	411.0
51832	68132	ZINC	4	143.0	155.0
51834	68132	ZINC	3	183.6	238.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51835	68132	ZINC	4	176.4	221.3
51837	68132	ZINC	5	158.3	194.1
51838	68132	ZINC	3	203.0	215.8
51839	68132	ZINC	4	214.0	240.9
51840	68132	ZINC	4	310.4	397.6
51842	68132	ZINC	4	147.6	197.4
51843	68132	ZINC	4	214.3	247.0
51844	68132	ZINC	4	222.8	314.0
51845	68132	ZINC	4	161.5	205.8
51846	68132	ZINC	3	581.4	939.0
51847	68132	ZINC	5	512.5	1050.0
51848	68132	ZINC	4	174.8	293.3
51849	68132	ZINC	4	281.2	372.0
51850	68132	ZINC	5	380.6	871.7
51851	68132	ZINC	3	212.0	308.1
51853	68132	ZINC	4	165.3	186.8
51854	68132	ZINC	2	130.4	131.8
51855	68132	ZINC	5	177.4	220.5
51856	68132	ZINC	4	121.7	141.4
51857	68132	ZINC	5	244.4	304.0
51858	68132	ZINC	4	183.3	268.0
51859	68132	ZINC	2	141.2	142.7
51860	68132	ZINC	4	169.9	225.1
51861	68132	ZINC	4	179.4	279.8
51863	68132	ZINC	4	127.2	146.5
51864	68132	ZINC	3	207.6	327.1
51865	68132	ZINC	4	231.2	291.4
51866	68132	ZINC	2	162.4	171.7
51867	68132	ZINC	2	246.7	298.0
51868	68132	ZINC	4	223.0	277.3
51870	68132	ZINC	5	229.6	308.0
51871	68132	ZINC	2	174.2	195.6
51872	68132	ZINC	2	214.9	256.7
51873	68132	ZINC	4	145.3	170.1
51874	68132	ZINC	4	246.4	322.6
51875	68132	ZINC	3	171.1	209.0
51876	68132	ZINC	3	377.4	515.4
51877	68132	ZINC	3	156.3	166.7
51878	68132	ZINC	4	208.3	341.6
51879	68132	ZINC	5	146.6	165.0
51881	68132	ZINC	2	235.8	261.4
51884	68132	ZINC	4	238.5	281.2
51885	68132	ZINC	2	162.4	174.9
51886	68132	ZINC	4	159.1	258.8
51889	68132	ZINC	4	211.5	280.2
51890	68132	ZINC	2	166.4	177.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51891	68132	ZINC	3	182.1	213.9
51892	68132	ZINC	4	194.8	290.9
51894	68132	ZINC	3	358.6	477.2
51895	68132	ZINC	3	174.8	204.5
51896	68132	ZINC	4	313.0	372.7
51897	68132	ZINC	5	161.7	249.3
51898	68132	ZINC	3	204.9	341.6
51901	68132	ZINC	3	228.2	284.3
51902	68132	ZINC	3	166.9	189.5
51904	68132	ZINC	3	139.6	152.8
51905	68132	ZINC	4	274.0	394.7
51906	68132	ZINC	4	261.5	341.6
51907	68132	ZINC	4	135.1	150.6
51908	68132	ZINC	3	187.9	228.1
51910	68132	ZINC	4	194.8	250.8
51911	68132	ZINC	4	209.2	256.8
51913	68132	ZINC	4	222.8	269.5
51914	68132	ZINC	2	181.9	192.1
51916	68132	ZINC	3	327.3	339.1
51917	68132	ZINC	2	177.0	183.2
51918	68132	ZINC	3	329.6	617.4
51919	68132	ZINC	3	222.4	340.7
51920	68132	ZINC	2	229.5	248.2
51921	68132	ZINC	4	214.7	389.3
51922	68132	ZINC	3	173.8	219.1
51923	68132	ZINC	2	275.7	376.8
51924	68132	ZINC	4	195.6	250.7
51926	68132	ZINC	2	133.6	142.3
51927	68132	ZINC	3	125.7	155.2
51928	68132	ZINC	4	154.5	171.6
51929	68132	ZINC	4	169.4	267.7
51930	68132	ZINC	3	247.3	331.9
51932	68132	ZINC	4	218.7	318.3
51933	68132	ZINC	4	140.2	172.2
51934	68132	ZINC	4	130.2	178.8
51935	68132	ZINC	4	173.5	197.4
51936	68132	ZINC	3	148.3	171.8
51937	68132	ZINC	4	127.5	188.1
51938	68132	ZINC	4	144.5	200.4
51941	68132	ZINC	4	276.7	479.8
51943	68132	ZINC	4	125.0	164.5
51944	68132	ZINC	4	176.1	214.6
51945	68132	ZINC	4	182.6	247.7
51946	68132	ZINC	4	170.5	202.0
51948	68132	ZINC	4	294.7	476.9
51949	68132	ZINC	4	172.7	297.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
51950	68132	ZINC	4	524.8	719.3
51951	68132	ZINC	4	216.6	316.7
51955	68132	ZINC	5	208.1	284.1
51956	68132	ZINC	4	207.0	262.4
51957	68132	ZINC	4	183.2	230.4
51958	68132	ZINC	4	203.7	272.0
51959	68132	ZINC	3	222.0	261.5
51960	68132	ZINC	4	262.2	455.5
51961	68132	ZINC	3	197.5	246.2
51962	68132	ZINC	4	141.0	151.2
51964	68132	ZINC	3	139.6	155.6
51965	68132	ZINC	4	217.9	259.1
51967	68132	ZINC	5	431.2	813.2
51968	68132	ZINC	3	246.5	350.8
51969	68132	ZINC	3	282.4	354.2
51970	68132	ZINC	3	220.2	238.8
51971	68132	ZINC	4	196.9	251.7
51972	68132	ZINC	4	137.3	149.0
51973	68132	ZINC	3	230.7	276.6
51977	68132	ZINC	4	202.8	241.0
51978	68132	ZINC	4	629.0	694.2
51979	68132	ZINC	4	157.2	168.7
51980	68132	ZINC	2	228.5	310.1
51982	68132	ZINC	5	154.6	226.3
51983	68132	ZINC	4	254.4	440.4
51984	68132	ZINC	4	301.8	357.3
51985	68132	ZINC	4	327.7	539.6
51986	68132	ZINC	4	281.8	363.0
51987	68132	ZINC	4	211.0	277.5
51988	68132	ZINC	4	205.6	394.3
51990	68132	ZINC	4	173.5	216.1
51992	68132	ZINC	4	219.7	320.3
51994	68132	ZINC	3	258.8	364.9
51997	68132	ZINC	4	222.8	286.0
51998	68132	ZINC	4	136.5	157.1
51999	68132	ZINC	3	174.0	191.1
52000	68132	ZINC	2	162.6	166.6
52001	68132	ZINC	2	254.5	301.9
52003	68132	ZINC	4	164.5	241.9
52004	68132	ZINC	4	185.2	258.5
52005	68132	ZINC	3	177.5	183.4
52008	68132	ZINC	4	188.3	216.0
52009	68132	ZINC	4	223.5	309.9
52010	68132	ZINC	4	255.3	548.0
52011	68132	ZINC	3	220.7	250.2
52012	68132	ZINC	5	196.0	254.2

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
52013	68132	ZINC	3	178.2	210.8
52014	68132	ZINC	4	159.3	197.0
52017	68132	ZINC	5	122.9	137.8
52018	68132	ZINC	4	258.0	377.2
52020	68132	ZINC	5	213.4	274.2
52021	68132	ZINC	4	200.4	282.8
52023	68132	ZINC	3	167.1	201.8
52024	68132	ZINC	4	286.6	407.9
52026	68132	ZINC	4	267.8	338.1
52027	68132	ZINC	3	269.1	418.9
52028	68132	ZINC	3	260.3	312.7
52029	68132	ZINC	4	156.1	183.4
52030	68132	ZINC	1	178.3	178.3
52033	68132	ZINC	4	278.4	499.2
52034	68132	ZINC	2	246.2	282.5
52035	68132	ZINC	4	237.8	299.0
52036	68132	ZINC	4	210.3	244.6
52037	68132	ZINC	4	152.9	225.0
52038	68132	ZINC	5	186.7	257.3
52039	68132	ZINC	4	146.7	162.7
52041	68132	ZINC	4	237.0	354.1
52043	68132	ZINC	3	164.0	192.9
52044	68132	ZINC	4	163.8	190.3
52045	68132	ZINC	3	189.2	246.8
52046	68132	ZINC	5	202.3	245.0
52048	68132	ZINC	4	172.1	184.1
52049	68132	ZINC	4	156.9	192.6
52050	68132	ZINC	3	148.8	186.0
52051	68132	ZINC	4	132.5	137.5
52052	68132	ZINC	4	170.3	248.2
52054	68132	ZINC	4	166.7	197.3
52055	68132	ZINC	4	197.2	231.6
52056	68132	ZINC	4	180.4	241.2
52059	68132	ZINC	4	177.0	203.7
52060	68132	ZINC	4	130.7	145.8
52062	68132	ZINC	5	241.5	512.1
52064	68132	ZINC	5	200.1	243.0
52065	68132	ZINC	4	185.2	239.3
52066	68132	ZINC	3	313.1	523.0
52068	68132	ZINC	3	271.7	325.4
52070	68132	ZINC	3	168.8	180.3
52071	68132	ZINC	4	250.6	445.8
52072	68132	ZINC	3	205.7	274.9
52074	68132	ZINC	3	261.6	356.0
52075	68132	ZINC	5	167.3	221.5
52076	68132	ZINC	4	183.6	217.7

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
52077	68132	ZINC	4	150.2	161.4
52078	68132	ZINC	4	148.1	172.4
52079	68132	ZINC	5	249.4	310.7
52080	68132	ZINC	4	178.9	245.9
52082	68132	ZINC	4	202.5	242.3
52084	68132	ZINC	5	215.8	321.2
52085	68132	ZINC	4	249.2	325.0
52086	68132	ZINC	2	153.3	154.7
52087	68132	ZINC	4	107.3	125.4
52088	68132	ZINC	4	164.1	173.2
52089	68132	ZINC	4	177.0	247.3
52090	68132	ZINC	3	179.6	256.0
52091	68132	ZINC	6	185.8	255.9
52093	68132	ZINC	3	311.1	403.9
52094	68132	ZINC	5	141.8	171.3
52095	68132	ZINC	4	174.9	215.3
52096	68132	ZINC	4	180.2	199.8
52097	68132	ZINC	5	137.8	168.4
52099	68132	ZINC	5	132.7	203.9
52100	68132	ZINC	4	140.9	164.5
52101	68132	ZINC	4	134.5	191.0
52102	68132	ZINC	4	313.7	425.0
52103	68132	ZINC	4	138.2	178.4
52104	68132	ZINC	3	200.3	233.3
52105	68132	ZINC	4	255.3	410.9
52106	68132	ZINC	3	246.4	334.7
52107	68132	ZINC	4	203.4	267.1
52108	68132	ZINC	4	164.1	212.6
52110	68132	ZINC	4	176.1	218.3
52111	68132	ZINC	4	206.1	355.6
52112	68132	ZINC	6	139.0	190.8
52113	68132	ZINC	4	214.9	275.4
52114	68132	ZINC	4	151.5	179.3
52115	68132	ZINC	3	193.5	264.5
52116	68132	ZINC	4	206.5	278.7
52119	68132	ZINC	4	197.5	233.0
52120	68132	ZINC	4	246.7	342.8
52122	68132	ZINC	4	177.5	268.6
52124	68132	ZINC	4	183.6	197.8
52126	68132	ZINC	4	152.4	174.4
52127	68132	ZINC	3	145.3	165.3
52128	68132	ZINC	3	184.0	214.0
52129	68132	ZINC	4	270.1	421.6
52130	68132	ZINC	4	126.9	138.2
52131	68132	ZINC	3	135.1	179.2
52133	68132	ZINC	4	353.1	618.5

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
52134	68132	ZINC	4	241.1	348.0
52135	68132	ZINC	5	150.9	182.4
52136	68132	ZINC	4	138.0	184.1
52137	68132	ZINC	4	113.6	149.6
52138	68132	ZINC	4	126.2	146.7
52140	68132	ZINC	4	298.8	738.8
52141	68132	ZINC	5	119.1	187.0
52142	68132	ZINC	4	512.2	1613.3
52145	68132	ZINC	5	138.9	160.1
52146	68132	ZINC	4	141.8	151.2
52147	68132	ZINC	5	160.5	172.5
52148	68132	ZINC	4	161.8	230.4
52150	68132	ZINC	4	172.2	218.2
52151	68132	ZINC	5	157.6	182.2
52153	68132	ZINC	4	144.7	160.1
52154	68132	ZINC	5	198.7	363.0
52155	68132	ZINC	3	150.9	202.8
52156	68132	ZINC	3	148.5	158.3
52157	68132	ZINC	3	198.0	217.0
52158	68132	ZINC	4	241.8	408.1
52159	68132	ZINC	5	155.8	202.7
52163	68132	ZINC	4	162.7	191.2
52164	68132	ZINC	4	180.3	218.0
52165	68132	ZINC	4	97.4	105.7
52166	68132	ZINC	4	315.7	532.3
52167	68132	ZINC	5	124.2	136.4
52168	68132	ZINC	4	349.3	632.5
52172	68132	ZINC	4	201.7	313.7
52173	68132	ZINC	4	179.0	214.0
52174	68132	ZINC	4	150.1	156.2
52175	68132	ZINC	4	150.4	192.3
52176	68132	ZINC	4	235.3	325.8
52177	68132	ZINC	5	206.0	281.9
52178	68132	ZINC	5	176.6	223.0
52181	68132	ZINC	3	125.8	132.5
52182	68132	ZINC	4	112.2	140.7
52184	68132	ZINC	3	193.0	308.1
52185	68132	ZINC	3	147.7	158.8
52186	68132	ZINC	4	183.0	246.7
52187	68132	ZINC	4	164.6	247.9
52188	68132	ZINC	4	163.3	213.2
52189	68132	ZINC	4	157.8	198.4
52190	68132	ZINC	4	177.5	229.8
52191	68132	ZINC	4	195.9	241.9
52192	68132	ZINC	5	211.0	303.4
52193	68132	ZINC	3	211.1	244.1

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
52195	68132	ZINC	4	228.2	380.0
52196	68132	ZINC	4	222.4	293.0
52197	68132	ZINC	4	263.4	516.9
52198	68132	ZINC	5	153.1	207.2
52199	68132	ZINC	4	155.8	207.2
52200	68132	ZINC	4	202.1	210.8
52201	68132	ZINC	4	292.0	626.6
52202	68132	ZINC	5	221.1	362.0
52203	68132	ZINC	4	155.9	181.1
52204	68132	ZINC	4	156.5	206.3
52205	68132	ZINC	4	187.6	280.3
52206	68132	ZINC	4	169.5	207.8
52207	68132	ZINC	3	370.0	731.7
52210	68132	ZINC	4	230.1	301.6
52211	68132	ZINC	4	141.1	185.0
52212	68132	ZINC	4	247.3	436.4
52213	68132	ZINC	4	194.8	242.3
52214	68132	ZINC	4	205.5	268.8
52215	68132	ZINC	4	180.2	238.5
52216	68132	ZINC	4	228.4	274.0
52217	68132	ZINC	4	175.6	216.6
52218	68132	ZINC	4	227.1	332.7
52219	68132	ZINC	4	175.5	209.6
52220	68132	ZINC	4	165.1	220.8
52221	68132	ZINC	4	262.8	382.5
52222	68132	ZINC	4	162.8	192.1
52224	68132	ZINC	4	224.8	270.4
52225	68132	ZINC	4	310.7	577.5
52226	68132	ZINC	4	181.2	215.8
52228	68132	ZINC	3	169.2	206.0
52229	68132	ZINC	3	152.3	167.2
52230	68132	ZINC	4	250.2	382.6
52231	68132	ZINC	4	168.2	182.1
52233	68132	ZINC	4	165.4	195.2
52235	68132	ZINC	4	172.3	317.6
52237	68132	ZINC	2	148.2	168.3
52238	68132	ZINC	3	152.7	170.7
52239	68132	ZINC	4	238.4	351.4
52240	68132	ZINC	4	182.7	225.1
52242	68132	ZINC	3	287.1	339.8
52243	68132	ZINC	4	122.7	167.7
52244	68132	ZINC	4	137.8	160.0
52245	68132	ZINC	4	150.7	187.7
52246	68132	ZINC	4	204.7	278.3
52319	68132	ZINC	3	223.0	332.7
52320	68132	ZINC	3	202.5	239.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
52324	68132	ZINC	4	339.4	902.3
52325	68132	ZINC	4	416.4	796.4
52327	68132	ZINC	3	137.9	160.0
52328	68132	ZINC	2	119.5	121.9
52330	68132	ZINC	4	121.7	145.5
52331	68132	ZINC	4	159.1	211.3
52332	68132	ZINC	4	150.7	197.8
52333	68132	ZINC	4	129.3	148.4
52334	68132	ZINC	4	156.0	222.7
52336	68132	ZINC	4	130.7	138.5
52337	68132	ZINC	3	152.3	160.1
52338	68132	ZINC	3	149.4	203.7
52339	68132	ZINC	4	114.6	135.5
52340	68132	ZINC	3	213.1	228.8
52342	68132	ZINC	2	172.1	177.9
52343	68132	ZINC	1	159.2	159.2
52345	68132	ZINC	4	177.4	256.5
52349	68132	ZINC	4	183.7	263.3
52350	68132	ZINC	3	171.9	241.9
52352	68132	ZINC	4	155.3	174.2
52353	68132	ZINC	3	255.9	273.1
52355	68132	ZINC	4	131.6	185.9
52356	68132	ZINC	4	181.8	296.5
52357	68132	ZINC	3	134.9	168.1
52358	68132	ZINC	4	162.2	244.1
52359	68132	ZINC	4	165.8	215.7
52360	68132	ZINC	4	143.9	176.6
52362	68132	ZINC	4	149.4	189.5
52365	68132	ZINC	4	265.5	435.5
52366	68132	ZINC	4	119.6	127.1
52367	68132	ZINC	5	113.5	129.1
52368	68132	ZINC	4	333.8	641.5
52370	68132	ZINC	4	163.8	197.7
52371	68132	ZINC	4	127.1	150.2
52373	68132	ZINC	4	192.7	262.4
52374	68132	ZINC	4	143.2	154.8
52375	68132	ZINC	4	371.5	627.3
52378	68132	ZINC	4	150.3	186.9
52379	68132	ZINC	4	161.6	223.3
52380	68132	ZINC	4	220.6	313.9
52381	68132	ZINC	4	166.7	281.7
52383	68132	ZINC	4	171.3	190.8
52384	68132	ZINC	4	148.5	207.2
52385	68132	ZINC	4	178.1	269.5
52386	68132	ZINC	3	150.5	211.7
52387	68132	ZINC	4	308.5	369.3

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
52390	68132	ZINC	2	245.7	298.9
52391	68132	ZINC	4	118.2	152.9
52392	68132	ZINC	4	204.8	289.1
52393	68132	ZINC	4	183.0	203.7
52394	68132	ZINC	4	123.1	142.3
52395	68132	ZINC	3	156.5	189.4
52396	68132	ZINC	3	188.6	260.9
52399	68132	ZINC	4	159.7	203.6
52400	68132	ZINC	2	256.5	313.0
52402	68132	ZINC	4	115.0	128.2
52403	68132	ZINC	4	118.4	123.5
52406	68132	ZINC	3	117.6	139.6
52407	68132	ZINC	3	255.0	403.0
52408	68132	ZINC	3	178.1	273.3
52409	68132	ZINC	3	348.7	504.7
52411	68132	ZINC	3	199.7	235.0
63004	68132	ZINC	5	260.6	321.2
63007	68132	ZINC	3	326.4	643.0
63008	68132	ZINC	5	122.7	184.1
63009	68132	ZINC	2	170.3	198.3
65501	68132	ZINC	4	164.3	187.7
65509	68132	ZINC	4	186.5	231.8
66774	68132	ZINC	3	121.8	137.8
66775	68132	ZINC	4	172.1	215.2
66776	68132	ZINC	3	215.2	329.2
66777	68132	ZINC	2	134.3	161.0
66779	68132	ZINC	4	131.1	172.5
66780	68132	ZINC	4	226.1	263.3
66781	68132	ZINC	2	239.3	242.0
66782	68132	ZINC	4	117.3	167.2
66783	68132	ZINC	4	150.7	227.7
66784	68132	ZINC	3	178.8	204.6
66786	68132	ZINC	4	267.8	372.8
66787	68132	ZINC	4	163.6	194.8
66788	68132	ZINC	4	156.9	244.6
66791	68132	ZINC	4	224.2	320.3
66792	68132	ZINC	4	391.5	533.0
66816	68132	ZINC	4	194.3	225.0
81810	68132	ZINC	4	198.6	249.1
83820	68132	ZINC	4	175.6	226.8
83821	68132	ZINC	4	143.8	151.2
92431	68132	ZINC	3	238.1	320.3
92645	68132	ZINC	4	225.0	337.2
93335	68132	ZINC	2	208.6	238.4
93347	68132	ZINC	3	241.1	319.4
93348	68132	ZINC	3	250.0	330.9

Table G-3. Exposure Point Concentrations for Zinc in Soil

Sample Area ID	Zip Code	Analyte	Count of Area Types Included in EPC	Soil Concentration (mg/kg) [1]	
				Average	Maximum
93473	68132	ZINC	4	165.0	276.7
93493	68132	ZINC	3	228.3	232.2

[1] ICP or ICP-equivalent concentration (see Section 2.12.2).

Area Type = Yard soil (Quadrant 1, Quadrant 2, Quadrant 3, and/or Quadrant 4), Play Area Soil, and/or Garden Soil.

APPENDIX H

DETAILED RISK CALCULATIONS AND RAGS PART D TABLES

H-1. RAGS Part D Tables
H-2. RAGS Part D Planning Worksheets
H-3. IEUBK Model Output

The BHHRA is documented in accordance with the Risk Assessment Guidance for Superfund, Volume I Human Health Evaluation Manual Part D (RAGS Part D) (USEPA 2001a). Note that some deviations from this guidance were made due to the large number of exposure units.

TABLE 0
SITE RISK ASSESSMENT IDENTIFICATION INFORMATION

OMAHA LEAD SITE

Site Name/OU:	OMAHA LEAD SITE
Region:	VII
EPA ID Number:	NESFN0703481
State:	NEBRASKA
Status:	
Federal Facility (Y/N):	N
EPA Project Manager:	
EPA Toxicologist:	MICHAEL BERINGER
Prepared by (Organization):	SYRACUSE RESEARCH CORPORATION
Prepared for (Organization):	USEPA REGION VII
Document Title:	BASELINE HUMAN HEALTH RISK ASSESSMENT FOR THE OMAHA LEAD SITE, OMAHA, NEBRASKA
Document Date:	02/2009
Probabilistic Risk Assessment (Y/N):	N
Comments:	

TABLE 1

SELECTION OF EXPOSURE PATHWAYS

OMAHA LEAD SITE

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
CURRENT/FUTURE	SURFACE SOIL	SURFACE SOIL	RESIDENCE	RESIDENT	CHILD/ADULT	COMBINED (Ingestion and Dermal)	Quantitative	NOT APPLICABLE
		INDOOR DUST	RESIDENCE	RESIDENT	CHILD/ADULT	INGESTION	Quantitative	NOT APPLICABLE
		DUST IN OUTDOOR AIR	RESIDENCE	RESIDENT	CHILD/ADULT	INHALATION	Qualitative	Screening level calculations (see Appendix F) indicate that exposure to particulates suspended by wind erosion is very small compared to oral exposure, so this pathway is evaluated quanlitatively rather than quantitatively.
		OTHER (Garden Vegetables)	RESIDENCE	RESIDENT	CHILD/ADULT	INGESTION	Qualitative	Data on the levels of metals in locally grown produce are not available. Thus, this pathway cannot be evaluated quantitatively.
	GROUNDWATER	GROUNDWATER	RESIDENCE	RESIDENT	CHILD/ADULT	INGESTION	Quantitative	Residents at the Omaha Lead Site are served by public water. It is not believed that the groundwater pathway is a complete exposure pathway, at present. This pathway is not evaluated (quantitatively or qualitatively) by the risk assessment.
	SEDIMENT	SEDIMENT	MISSOURI RIVER	RESIDENT	CHILD/ADULT	COMBINED (Ingestion and Dermal)	Quantitative	Sampling results of water and sediment in the Missouri River immediately adjacent to the potential source areas (the ASARCO and Gould facilities) did not detect elevated levels of lead or any other smelter-related contamination (Black and Veatch 2004a). Dilution provided by the flow of the Missouri River is expected to reduce any potential release of transported Site contaminants to very low levels (USEPA 2005a). Thus, this pathway is not evaluated quantitatively by the risk assessment.
	SURFACE WATER	SURFACE WATER	MISSOURI RIVER	RECREATIONAL VISITOR	CHILD	COMBINED (Ingestion and Dermal)	Quantitative	
	SURFACE WATER/SEDIMENT	FISH TISSUE	MISSOURI RIVER	RECREATIONAL VISITOR	CHILD	INGESTION	Quantitative	Because metals in surface water and sediment samples collected from the Missouri River were not highly elevated, and because the dilution factor of the Missouri River is so great (Black and Veatch 2004a), contaminants are not expected to accumulate in fish tissue. Thus, this pathway is not evaluated quantitatively by the risk assessment.

Sources:

Black and Veatch 2009. Remedial Investigation for the Omaha Lead Site.

USEPA 2005a. Interim Record of Decision for the Omaha Lead Site.

TABLE 2.1

OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPC)

OMAHA LEAD SITE

Scenario Timeframe: CURRENT/FUTURE
Medium: SURFACE SOIL
Exposure Medium: SURFACE SOIL

Exposure Point	CAS Number	Chemical	Maximum Concentration (mg/kg) [1]	Units	Detection Frequency	Mean Detection Limit	Concentration Used for Screening [2]	Maximum Daily Dose (mg/day) [3]	Screening Value (mg/kg) (N/C) [4]		Accepted Daily Dose (mg/day) [5]	COPC Flag (Y/N)	Rationale for Selection or Deletion
RESIDENCE	7429905	Aluminum	18,400	mg/kg	100%	2.1	18,400	--	7,700	NC	--	Y	ASV
	7440360	Antimony	77	mg/kg	24%	2.1	77	--	3.1	NC	--	Y	ASV
	7440382	Arsenic	513	mg/kg	91%	3.5	513	--	0.4	C	--	Y	ASV
	7440393	Barium	815	mg/kg	100%	3	815	--	1,500	NC	--	N	BSV
	7440417	Beryllium	2	mg/kg	21%	0.4	2	--	16	NC	--	N	BSV
	7440699	Bismuth	--	mg/kg	0%	2.5	--	--	--	--	--	N [6]	CBD
	7440439	Cadmium	12	mg/kg	60%	0	12	--	7	NC	--	Y	ASV
	7440702	Calcium	75,400	mg/kg	100%	6.4	75,400	15.0800	--	--	1,000	N	BADD
	7440473	Chromium	400	mg/kg	98%	5.3	400	--	280	C	--	Y	ASV
	7440484	Cobalt	13	mg/kg	100%	--	13	--	2	NC	--	Y	ASV
	7440508	Copper	1,310	mg/kg	100%	0.1	1,310	--	310	NC	--	Y	ASV
	7439896	Iron	44,100	mg/kg	100%	6.7	44,100	--	5,500	NC	--	Y	ASV
	7439954	Lead	6,570	mg/kg	100%	2	6,570	--	400	NC	--	Y	BSV
	7439965	Magnesium	10,600	mg/kg	100%	3	10,600	2.1200	--	--	400	N	BADD
	7439976	Manganese	1,270	mg/kg	100%	0.1	1,270	--	180.0	NC	--	Y	ASV
	7439987	Mercury	395	mg/kg	72%	0.1	395.0	--	2	NC	--	Y	ASV
	7440020	Molybdenum	--	mg/kg	0%	1.0	--	--	39	NC	--	N	BSV
	7440097	Nickel	122	mg/kg	100%	1	122	--	160	NC	3,500	N	BSV
	7782492	Potassium	3,710	mg/kg	100%	--	3,710	0.7420	--	--	--	N	BADD
	7440224	Selenium	27	mg/kg	4%	3.8	27	--	39	NC	--	N	BSV
	7440235	Silver	19	mg/kg	2%	1	19	--	39	NC	2,400	N	BSV
	7440280	Sodium	1,430	mg/kg	100%	--	1,430	0.2860	--	--	--	N	BADD
	7440622	Thallium	54	mg/kg	3%	3.6	54	--	1	NC	--	Y	ASV
	7440666	Vanadium	48	mg/kg	100%	--	48	--	39.0	NC	--	Y	ASV
		Zinc	2,760		100%	1.7	2,300	--	2,300.0	NC		Y	ASV

Footnotes:

[1] Maximum detected concentration in surface soil at residential properties located within the final focus area.

[2] Maximum detected concentration used for screening.

[3] Maximum expected dose for the maximally exposed receptor (child resident), see Appendix E, Table E-2 for calculations.

[4] RBC is USEPA (2008c) Regional Screening Tables default soil screening level for residential soil, based on a target cancer risk of 1E-06 and a target noncancer Hazard Quotient of 0.1.

[5] Values are either Reference Daily Intake (RDI) or Daily Reference Value (DRV). RDIs replace the term "U. S. Recommended Daily Allowances" (introduced in 1973 as a reference value for vitamins, minerals, and protein). DRVs are for nutrients for which no set of standards previously existed (calcium, magnesium, potassium, sodium). Values obtained from http://www.fda.gov/fdac/special/foodlabel/dvs.html.

[6] Screening value not available. Chemical identified as a source of uncertainty.

Abbreviations:

-- = Not applicable, Not used in the selection of COPCs.
ASV = Above Screening Value
BSV =Below Screening Value
BADD = Maximum dose below accepted daily dose.
C = Cancer.
CBD = Could not be determined, screening value not available. Identified as a potential source of uncertainty.
C = Noncancer.

TABLE 4.1.CT
VALUES USED FOR DAILY INTAKE CALCULATIONS
CENTRAL TENDENCY
Omaha Lead Site

Scenario Timeframe: Current/Future
Medium: Soil
Exposure Medium: Soil
Exposure Point: Residence
Receptor Population: Resident

Exposure Route	Receptor Age	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Adult	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	70	kg	EPA 1991	
		EF	Exposure frequency	245	days/yr	EPA 1997 [2]	Chronic Daily Intake (CDI) (mg/kg-day):
		ED	Exposure duration	7	years	EPA 1997 [1, 3]	
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [4]	CDI = C x (IR x CF/BW) x ((EF x ED)/(AT))
		ATnc	Averaging Time, Noncancer	2555	days	EPA 1989 [4]	
		IR	Ingestion rate	50	mg/day	EPA 1997 [5]	
		CF	Conversion factor	1.0E-06	kg/mg	--	
	Child	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	15	mg/kg	EPA 1991	
		EF	Exposure frequency	245	days/yr	EPA 1997 [2]	Chronic Daily Intake (CDI) (mg/kg-day):
		ED	Exposure duration	2	years	EPA 1997 [1, 3]	
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [4]	CDI = C x (IR x CF/BW) x ((EF x ED)/(AT))
		ATnc	Averaging Time, Noncancer	730	days	EPA 1989 [4]	
		IR	Ingestion rate	100	mg/day	EPA 1997 [5]	
		CF	Conversion factor	1.0E-06	kg/mg	--	
Dermal	Adult	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	70	kg	EPA 1991	
		EF	Exposure frequency	245	days/yr	EPA 1997 [2]	Chronic Daily Intake (CDI) (mg/kg-day):
		ED	Exposure duration	7	years	EPA 1997 [1, 3]	
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [4]	CDI = C x (AF x ABS_d x CF x SA/BW) x (EF x ED))/(AT))
		ATnc	Averaging Time, Noncancer	2555	days	EPA 1989 [4]	
		SA	Exposed Surface Area	5700	cm^2/event	EPA 2004	
		AF	Adherence Factor	0.01	mg/cm^2	EPA 2004	
		EF	Event Frequency	1	events/day	EPA 2004	
		ABS_d	Dermal Absorption Fraction	CS	unitless	EPA 2004	
		CF	Conversion factor	1.0E-06	kg/mg	--	
	Child	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	15	kg	EPA 1991	
		EF	Exposure frequency	245	days/yr	EPA 1997 [2]	
		ED	Exposure duration	2	years	EPA 1997 [1, 3]	Chronic Daily Intake (CDI) (mg/kg-day):
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [4]	
		ATnc	Averaging Time, Noncancer	730	days	EPA 1989 [4]	CDI = C x (AF x ABS_d x CF x SA/BW) x (EF x ED))/(AT))
		SA	Exposed Surface Area	2800	cm^2/event	EPA 2004	
		AF	Adherence Factor	0.04	mg/cm^2	EPA 2004	
		EF	Event Frequency	1	events/day	EPA 2004	
		ABS_d	Dermal Absorption Fraction	CS	unitless	EPA 2004	
		CF	Conversion factor	1.0E-06	kg/mg	--	

EPA 1989: Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual - Part A. Office of Emergency and Remedial Response, Washington, D.C. EPA/540/1-89/002. December.
EPA 1991: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual - Supplemental Guidance, Standard Default Exposure Factors. OSWER 9285.6-03. March.
EPA 1997: Exposure Factors Handbook. Office of Research and Development. Washington, D.C. EPA-540-R-97-036. July.
EPA 2004: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual - Part E. Office of Solid Waste and Emergency Response, Washington, D.C. EPA/540/R/99/005. July.

CS = Chemical-specific; refer to EPA 2004 for values.
[1] Professional judgment.
[2] Estimated by taking the percent of time men and women spend at home (67% of time spent at home, see Table 15A-3) and multiplying by 365 days (0.67*365 days = 245 days).
[3] Table 15-176. Average residency/occupancy of a home (9 years). Assumes 2 years as a child and 7 years as an adult.
[4] Averaging time expressed as days. Noncancer averaging time calculated by multiplying the exposure duration in years by 365 days/year and cancer averaging time calculated by multiplying a 70 year lifetime for cancer effects by 365 days/year.
[5] Table 4-23. Mean recommended values for soil ingestion.

TABLE 4.1.RME
VALUES USED FOR DAILY INTAKE CALCULATIONS
REASONABLE MAXIMUM EXPOSURE
Omaha Lead Site

Scenario Timeframe: Current/Future
Medium: Soil
Exposure Medium: Soil
Exposure Point: Residence
Receptor Population: Resident

Exposure Route	Receptor Age	Parameter Code	Parameter Definition	Value	Units	Rationale/ Reference	Intake Equation/ Model Name
Ingestion	Adult	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	70	kg	EPA 1991	
		EF	Exposure frequency	350	days/yr	EPA 1991	
		ED	Exposure duration	24	years	EPA 1991	Chronic Daily Intake (CDI) (mg/kg-day):
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [1]	
		ATnc	Averaging Time, Noncancer	8760	days	EPA 1989 [1]	CDI = C x (IR x CF/BW) x ((EF x ED)/(AT))
		IR	Ingestion rate	100	mg/day	EPA 1991	
		CF	Conversion factor	1.0E-06	kg/mg	--	
Ingestion	Child	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	15	kg	EPA 1991	
		EF	Exposure frequency	350	days/yr	EPA 1991	
		ED	Exposure duration	6	years	EPA 1991	Chronic Daily Intake (CDI) (mg/kg-day):
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [1]	
		ATnc	Averaging Time, Noncancer	2190	days	EPA 1989 [1]	CDI = C x (IR x CF/BW) x ((EF x ED)/(AT))
		IR	Ingestion rate	200	mg/day	EPA 1991	
		CF	Conversion factor	1.0E-06	kg/mg	--	
Dermal	Adult	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	70	kg	EPA 1991	
		EF	Exposure frequency	350	days/yr	EPA 1991	
		ED	Exposure duration	24	years	EPA 1991	
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [1]	Chronic Daily Intake (CDI) (mg/kg-day):
		ATnc	Averaging Time, Noncancer	8760	days	EPA 1989 [1]	
		SA	Exposed Surface Area	5700	cm^2/event	EPA 2004	CDI = C x (AF x ABSd x CF x SA/BW) x (EF x ED)/(AT))
		AF	Adherence Factor	0.07	mg/cm^2	EPA 2004	
		EF	Event Frequency	1	events/day	EPA 2004	
		ABS_d	Dermal Absorption Fraction	CS	unitless	EPA 2004	
		CF	Conversion factor	1.0E-06	kg/mg	--	
Dermal	Child	C	Concentration of Chemical in Soil	see Table 3.1	mg/kg	See Table 5.1	
		BW	Body Weight	15	kg	EPA 1991	
		EF	Exposure frequency	350	days/yr	EPA 1991	
		ED	Exposure duration	6	years	EPA 1991	
		ATc	Averaging Time, Cancer	25550	days	EPA 1989 [1]	Chronic Daily Intake (CDI) (mg/kg-day):
		ATnc	Averaging Time, Noncancer	2190	days	EPA 1989 [1]	
		SA	Exposed Surface Area	2800	cm^2/event	EPA 2004	CDI = C x (AF x ABSd x CF x SA/BW) x (EF x ED)/(AT))
		AF	Adherence Factor	0.2	mg/cm^2	EPA 2004	
		EF	Event Frequency	1	events/day	EPA 2004	
		ABS_d	Dermal Absorption Fraction	CS	unitless	EPA 2004	
		CF	Conversion factor	1.0E-06	kg/mg	--	

EPA 1989: Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual - Part A. Office of Emergency and Remedial Response, Washington, D.C. EPA/540/1-89/002. December.

EPA 1991: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual - Supplemental Guidance, Standard Default Exposure Factors. OSWER 9285.6-03. March.

EPA 2004: Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual - Part E. Office of Solid Waste and Emergency Response, Washington, D.C. EPA/540/R/99/005. July.

CS = Chemical-specific; refer to EPA 2004 for values.

[1] Averaging time expressed as days. Noncancer averaging time calculated by multiplying the exposure duration in years by 365 days/year and cancer averaging time calculated by multiplying a 70 year lifetime for cancer effects by 365 days/year.

TABLE 5.1
NON-CANCER TOXICITY DATA – ORAL/DERMAL
Omaha Lead Site

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD		Oral Absorption Efficiency for Dermal (1)	Absorbed RfD for Dermal (2)		Primary Target Organ(s)	Combined Uncertainty/ Modifying Factors	RfD:Target Organ(s)	
		Value	Units		Value	Units			Source(s)	Date(s)
Aluminum	Chronic	1.0E+00	mg/kg-day	NA	1.00E+00	mg/kg-day	CNS	100	NCEA	8/11/2008
Antimony	Chronic	4.0E-04	mg/kg-day	0.15	6.00E-05	mg/kg-day	Liver	1,000	IRIS	8/11/2008
Arsenic	Chronic	3.0E-04	mg/kg-day	0.95	3.00E-04	mg/kg-day	Skin	3	IRIS	8/11/2008
Cadmium	Chronic	1.0E-03	mg/kg-day	0.025	2.50E-05	mg/kg-day	Kidney	10	IRIS	8/11/2008
Chromium III	Chronic	1.5E+00	mg/kg-day	0.013	1.95E-02	mg/kg-day	--	1,000	IRIS	9/30/2008
Chromium VI	Chronic	3.0E-03	mg/kg-day	0.025	7.50E-05	mg/kg-day	GI	900	IRIS	9/30/2008
Cobalt	Chronic	3.0E-04	mg/kg-day	1	3.00E-04	mg/kg-day	Thyroid	1,000	NCEA	9/18/2008
Copper	NA	4.0E-02	mg/kg-day	NA	4.00E-02	mg/kg-day	GI	NA	HEAST	8/11/2008
Iron	Subchronic and Chronic	7.0E-01	mg/kg-day	NA	7.00E-01	mg/kg-day	GI	1.5	NCEA	8/11/2008
Manganese	Chronic	4.7E-02	mg/kg-day	0.04	1.87E-03	mg/kg-day	CNS	1	IRIS	8/11/2008
Mercury (3)	Chronic	3.0E-04	mg/kg-day	0.07	2.10E-05	mg/kg-day	Kidney	1,000	IRIS	8/11/2008
Thallium (4)	Chronic	6.5E-05	mg/kg-day	1	6.48E-05	mg/kg-day	Liver	3,000	ATSDR	8/11/2008
Vanadium (5)	Chronic	5.0E-03	mg/kg-day	0.026	1.31E-04	mg/kg-day	Kidney	100	ATSDR	8/11/2008
Zinc (6)	Chronic	3.0E-01	mg/kg-day	variable	3.00E-01	mg/kg-day	Blood	3	IRIS	8/11/2008

Notes:

-- = No Data.
ATSDR = Agency for Toxic Substances and Disease Registry.
CNS = Central nervous system
GI = Gastrointestinal system
HEAST = Health Effects Assessment Summary Tables
IRIS = Integrated Risk Information System
NA = Not available
NCEA = National Center for Environmental Assessment: EPA Provisional Peer-Reviewed Value

(1) Source: USEPA 2004. Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessn
(2) See Risk Assessment text for the derivation of the "Absorbed Reference Dose for Dermal."
(3) RfDo (1.4E-01 mg/kg-day) adjusted by a modifying factor of 3, in accord with IRIS recommendations.
(4) Toxicity data for mercuric chloride.
(5) RfDo for thallium sulfate (8E-05 mg/kg-day) adjusted by multiplying by 81% (the percent molecular weight of thallium in thallium sulfate) in order to factor out the molecular weight of the sulfate ion, as recommended by USEPA (2008c).
(6) RfDo for vanadium sulfate (9E-03 mg/kg-day) adjusted by multiplying by 56% (the percent molecular weight of thallium in thallium sulfate) in order to factor out the molecular weight of the oxide ion, as recommended by USEPA (2008c).

TABLE 6.1
CANCER TOXICITY DATA – ORAL/DERMAL
Omaha Lead Site

Chemical of Potential Concern	Oral Slope Factor		Oral Absorption Efficiency for Dermal (1)	Absorbed Cancer Slope Factor for Dermal (2)		Weight of Evidence/ Cancer Guideline Description	Oral SF	
	Value	Units		Value	Units		Source(s)	Date(s)
Aluminum	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--
Arsenic	1.5E+00	$(mg/kg\text{-}day)^{-1}$	0.95	1.5E+00	$(mg/kg\text{-}day)^{-1}$	A	IRIS	08/11/2008
Cadmium	--	--	--	--	--	--	--	--
Chromium	--	--	--	--	--	--	--	--
Cobalt	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Iron	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--

-- = A recommended toxicity value is not available for this chemical

Notes:
IRIS = Integrated Risk Information System
NA = Not applicable

(1) Source: USEPA 2004. Risk Assessment Guidance for Superfund. Volume 1: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment)

(2) See Risk Assessment text for the derivation of the "Absorbed Cancer Slope Factor for Dermal"

EPA Weight of Evidence Classification:
A = Human carcinogen
B1 = Probable human carcinogen - indicates that limited human data are available
B2 = Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans
C = Possible human carcinogen
D = Not classifiable as a human carcinogen
E = Evidence of noncarcinogenicity

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

Table 7.1.CTE.
CALCULATION OF CANCER RISKS AND NONCANCER HAZARDS

Central Tendency Exposure - Aluminum

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER				NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE					
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE							Child and Adult	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	Sfo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	SF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2133	68104	Aluminum	9650	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5026	68104	Aluminum	9800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5143	68104	Aluminum	11300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5144	68104	Aluminum	7860	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5145	68104	Aluminum	9900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5147	68104	Aluminum	6850	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2229	68105	Aluminum	11700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2299	68105	Aluminum	8520	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2300	68105	Aluminum	7850	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2308	68105	Aluminum	7470	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
3076	68105	Aluminum	8240	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3118	68105	Aluminum	8660	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5054	68105	Aluminum	7190	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5057	68105	Aluminum	10900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5105	68105	Aluminum	10600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5109	68105	Aluminum	6440	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5110	68105	Aluminum	12100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5112	68105	Aluminum	9570	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5117	68105	Aluminum	12300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5123	68105	Aluminum	11500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5128	68105	Aluminum	13200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5129	68105	Aluminum	9590	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5132	68105	Aluminum	13300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5134	68105	Aluminum	16400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5338	68105	Aluminum	8150	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5347	68105	Aluminum	10800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5351	68105	Aluminum	2.05	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-06	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-06	1E-06
5352	68105	Aluminum	9240	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5355	68105	Aluminum	9130	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5356	68105	Aluminum	9330	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5357	68105	Aluminum	7110	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5359	68105	Aluminum	7300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5361	68105	Aluminum	7940	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5363	68105	Aluminum	6700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5364	68105	Aluminum	9680	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5365	68105	Aluminum	10300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5367	68105	Aluminum	6070	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5486	68105	Aluminum	7100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5488	68105	Aluminum	9960	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5489	68105	Aluminum	9460	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5495	68105	Aluminum	6820	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5509	68105	Aluminum	8710	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5610	68105	Aluminum	8600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2030	68107	Aluminum	13900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2038	68107	Aluminum	9300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2104	68107	Aluminum	5160	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2124	68107	Aluminum	13200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2167	68107	Aluminum	11700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2206	68107	Aluminum	11600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2252	68107	Aluminum	13400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2273	68107	Aluminum	13100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2292	68107	Aluminum	8080	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3003	68107	Aluminum	10300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
3021	68107	Aluminum	16900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
3074	68107	Aluminum	8400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3121	68107	Aluminum	6910	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5066	68107	Aluminum	8520	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5076	68107	Aluminum	15600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5130	68107	Aluminum	14700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5157	68107	Aluminum	11500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5159	68107	Aluminum	13900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5161	68107	Aluminum	11200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5163	68107	Aluminum	13500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5165	68107	Aluminum	10700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5166	68107	Aluminum	12900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5172	68107	Aluminum	6880	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5176	68107	Aluminum	16700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5178	68107	Aluminum	9750	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5180	68107	Aluminum	9530	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5182	68107	Aluminum	6650	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5183	68107	Aluminum	9300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5185	68107	Aluminum	12700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5211	68107	Aluminum	10700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5212	68107	Aluminum	10700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2170	68108	Aluminum	11400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5225	68108	Aluminum	12700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5227	68108	Aluminum	9040	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5229	68108	Aluminum	10000	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5284	68108	Aluminum	8720	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5300	68108	Aluminum	12300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5304	68108	Aluminum	11200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5306	68108	Aluminum	6940	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5332	68108	Aluminum	6470	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5387	68108	Aluminum	8030	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5390	68108	Aluminum	7880	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5394	68108	Aluminum	7890	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5395	68108	Aluminum	8550	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5398	68108	Aluminum	8440	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

Table 7.1.CTE.
CALCULATION OF CANCER RISKS AND NONCANCER HAZARDS

Central Tendency Exposure - Aluminum

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE					
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE							Child and Adult	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	Sfo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	SF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5416	68108	Aluminum	8060	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5418	68108	Aluminum	7950	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5422	68108	Aluminum	7610	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5425	68108	Aluminum	7590	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5426	68108	Aluminum	7070	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5427	68108	Aluminum	10400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5429	68108	Aluminum	7290	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5431	68108	Aluminum	9470	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5432	68108	Aluminum	7200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5449	68108	Aluminum	8580	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5450	68108	Aluminum	7060	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5454	68108	Aluminum	6250	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5460	68108	Aluminum	7230	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5463	68108	Aluminum	7250	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5467	68108	Aluminum	9430	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5472	68108	Aluminum	7730	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5473	68108	Aluminum	6370	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5474	68108	Aluminum	9130	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5480	68108	Aluminum	6910	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5483	68108	Aluminum	8640	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5485	68108	Aluminum	5710	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5492	68108	Aluminum	7720	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5505	68108	Aluminum	8310	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5572	68108	Aluminum	8410	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5607	68108	Aluminum	7760	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5608	68108	Aluminum	9210	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5623	68108	Aluminum	8700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5628	68108	Aluminum	7920	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5630	68108	Aluminum	8460	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5636	68108	Aluminum	8530	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5637	68108	Aluminum	6300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5652	68108	Aluminum	6770	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2069	68110	Aluminum	12100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2280	68110	Aluminum	7340	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
2354	68110	Aluminum	8720	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3136	68110	Aluminum	8290	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5258	68110	Aluminum	12400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5388	68110	Aluminum	9780	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5520	68110	Aluminum	10600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5525	68110	Aluminum	9590	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5527	68110	Aluminum	9390	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5530	68110	Aluminum	11000	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5532	68110	Aluminum	10100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5536	68110	Aluminum	12300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5541	68110	Aluminum	11700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5544	68110	Aluminum	9710	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5546	68110	Aluminum	9230	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5551	68110	Aluminum	11000	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5559	68110	Aluminum	10200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5560	68110	Aluminum	9470	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5561	68110	Aluminum	9060	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5563	68110	Aluminum	9160	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5565	68110	Aluminum	9150	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5566	68110	Aluminum	6890	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5612	68110	Aluminum	8460	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5614	68110	Aluminum	9150	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5641	68110	Aluminum	9180	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5651	68110	Aluminum	8750	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2035	68111	Aluminum	12900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2075	68111	Aluminum	12100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2103	68111	Aluminum	10900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2109	68111	Aluminum	16800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
2121	68111	Aluminum	10500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2126	68111	Aluminum	16000	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2154	68111	Aluminum	18400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
2179	68111	Aluminum	7200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2216	68111	Aluminum	14500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2225	68111	Aluminum	8500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2231	68111	Aluminum	3890	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2262	68111	Aluminum	10800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2365	68111	Aluminum	7910	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3046	68111	Aluminum	6950	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
3051	68111	Aluminum	8090	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3058	68111	Aluminum	7720	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
3091	68111	Aluminum	6600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
3133	68111	Aluminum	7820	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
3151	68111	Aluminum	6600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5013	68111	Aluminum	13500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5085	68111	Aluminum	13300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5170	68111	Aluminum	10300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5171	68111	Aluminum	12100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5204	68111	Aluminum	11700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5206	68111	Aluminum	12300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5208	68111	Aluminum	10400	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5215	68111	Aluminum	10700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5221	68111	Aluminum	10700	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5230	68111	Aluminum	12500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5232	68111	Aluminum	13600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

Table 7.1.CTE.
CALCULATION OF CANCER RISKS AND NONCANCER HAZARDS

Central Tendency Exposure - Aluminum

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			Child and Adult	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	Sfo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	SF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5242	68111	Aluminum	11000	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5246	68111	Aluminum	12600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5288	68111	Aluminum	13900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5296	68111	Aluminum	10600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5330	68111	Aluminum	8830	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5333	68111	Aluminum	6040	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5513	68111	Aluminum	11800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5514	68111	Aluminum	8980	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5618	68111	Aluminum	9960	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
2269	68112	Aluminum	13900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2097	68131	Aluminum	8410	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2156	68131	Aluminum	10200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5037	68131	Aluminum	10300	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5150	68131	Aluminum	10800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5153	68131	Aluminum	8330	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5186	68131	Aluminum	9970	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5188	68131	Aluminum	10500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5195	68131	Aluminum	8740	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5197	68131	Aluminum	10500	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5260	68131	Aluminum	10200	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5272	68131	Aluminum	10100	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5278	68131	Aluminum	9270	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5298	68131	Aluminum	14800	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5377	68131	Aluminum	7170	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5379	68131	Aluminum	7420	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5380	68131	Aluminum	8550	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5139	68132	Aluminum	12600	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5140	68132	Aluminum	7540	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5313	68132	Aluminum	11900	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5317	68132	Aluminum	8180	1.00E+00	--	1.00E+00	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)												HIFs Contact with Surface Soil (kg/kg-d)													
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22493	68102	Antimony	3.615	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25567	68102	Antimony	5.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
25717	68102	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25720	68102	Antimony	5.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
25914	68102	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
90101	68102	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2133	68104	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5026	68104	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5143	68104	Antimony	8.94	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5144	68104	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5145	68104	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5147	68104	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50647	68104	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2229	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2299	68105	Antimony	0.452	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2300	68105	Antimony	0.427	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2308	68105	Antimony	0.929	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2441	68105	Antimony	2.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2448	68105	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2465	68105	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3076	68105	Antimony	0.4525	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3118	68105	Antimony	0.461	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5054	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5057	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5105	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5109	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5110	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5112	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5117	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5123	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5128	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5129	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5132	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5134	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5325	68105	Antimony	3.71	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5338	68105	Antimony	1.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5347	68105	Antimony	1.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5351	68105	Antimony	1.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5352	68105	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5355	68105	Antimony	7.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5356	68105	Antimony	0.985	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5357	68105	Antimony	1.78	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5359	68105	Antimony	1.02	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5361	68105	Antimony	0.605	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5363	68105	Antimony	0.79	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5364	68105	Antimony	2.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5365	68105	Antimony	1.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5367	68105	Antimony	0.855	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5486	68105	Antimony	1.125	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5488	68105	Antimony	1.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5489	68105	Antimony	3.87	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5495	68105	Antimony	0.605	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5509	68105	Antimony	2.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5610	68105	Antimony	3.86	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
12784	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12864	68105	Antimony	3.68	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12875	68105	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
12886	68105	Antimony	3.125	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
12964	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12995	68105	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13069	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13073	68105	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13092	68105	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13166	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13185	68105	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13187	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13191	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13204	68105	Antimony	2.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
13209	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13237	68105	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13240	68105	Antimony	6.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
13245	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13248	68105	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13273	68105	Antimony	3.275	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13283	68105	Antimony	3.025	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
13322	68105	Antimony	2.7325	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
13370	68105	Antimony	3.94	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
13381	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13389	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13403	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13437	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13438	68105	Antimony	3.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
13460	68105	Antimony	8.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13476	68105	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13573	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13577	68105	Antimony	3.71	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
13611	68105	Antimony	2.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
13690	68105	Antimony	6.79	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER			RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE	CTE	NONCANCER HQ_CTE		CANCER RISK_CTE			CTE	CTE			NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
14050	68105	Antimony	2.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
14063	68105	Antimony	11.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14080	68105	Antimony	3.605	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14098	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14199	68105	Antimony	4.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
14238	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14322	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14326	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14410	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14460	68105	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14528	68105	Antimony	2.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
14536	68105	Antimony	3.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14544	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14556	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14557	68105	Antimony	3.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
14577	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14602	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14647	68105	Antimony	3.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14656	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14688	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14718	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14739	68105	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14752	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14780	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14817	68105	Antimony	3.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14823	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14860	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14885	68105	Antimony	2.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
14913	68105	Antimony	5.83	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
14959	68105	Antimony	6.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
14976	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14992	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15003	68105	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15044	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15045	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15058	68105	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
15060	68105	Antimony	4.97	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
15091	68105	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15106	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15166	68105	Antimony	4.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
15227	68105	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15231	68105	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15255	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15279	68105	Antimony	3.725	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15292	68105	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15299	68105	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15308	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15317	68105	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15336	68105	Antimony	2.92	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
15348	68105	Antimony	5.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
15363	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15372	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15416	68105	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15496	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15519	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15526	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15577	68105	Antimony	2.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
15587	68105	Antimony	3.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15611	68105	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15651	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15686	68105	Antimony	4.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
15695	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15728	68105	Antimony	2.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
15801	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15835	68105	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15842	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15871	68105	Antimony	3.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15891	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15918	68105	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15959	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15985	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15988	68105	Antimony	3.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
16027	68105	Antimony	5.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
16072	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16094	68105	Antimony	4.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
16098	68105	Antimony	14.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
16123	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16155	68105	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16169	68105	Antimony	2.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16182	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16186	68105	Antimony	3.475	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16230	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16236	68105	Antimony	6.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
16243	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16271	68105	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16308	68105	Antimony	5.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
16309	68105	Antimony	8.87	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16333	68105	Antimony	3.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16364

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)												HIFs Contact with Surface Soil (kg/kg-d)													
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
16793	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16851	68105	Antimony	7.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
16866	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16869	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16889	68105	Antimony	5.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
16893	68105	Antimony	5.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
16922	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16928	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16946	68105	Antimony	4.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
16963	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16974	68105	Antimony	2.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
17040	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17055	68105	Antimony	3.455	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17065	68105	Antimony	3.585	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17076	68105	Antimony	2.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
17097	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17108	68105	Antimony	4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
17142	68105	Antimony	4.65	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
17179	68105	Antimony	4.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
17198	68105	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17199	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17270	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17298	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17300	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17348	68105	Antimony	9.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17374	68105	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17379	68105	Antimony	3.645	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17542	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17719	68105	Antimony	4.065	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
17725	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17745	68105	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17753	68105	Antimony	5.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
17802	68105	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
17876	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17918	68105	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
17934	68105	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17935	68105	Antimony	3.105	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18133	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18147	68105	Antimony	2.71	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18187	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18189	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18281	68105	Antimony	3.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18321	68105	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18349	68105	Antimony	2.81	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18452	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18453	68105	Antimony	10.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18469	68105	Antimony	3.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18499	68105	Antimony	3.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18561	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18573	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18598	68105	Antimony	5.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
18610	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18654	68105	Antimony	7.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
18661	68105	Antimony	3.03	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18673	68105	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18676	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18693	68105	Antimony	2.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18757	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18787	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18797	68105	Antimony	3.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18825	68105	Antimony	2.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18839	68105	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18882	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18898	68105	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18927	68105	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18934	68105	Antimony	3.525	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19015	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19127	68105	Antimony	3.175	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19129	68105	Antimony	4.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
19169	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19288	68105	Antimony	3.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
19310	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19334	68105	Antimony	2.99	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
19344	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19448	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19485	68105	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19489	68105	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
19561	68105	Antimony	4.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
19602	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19612	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19655	68105	Antimony	4.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
19671	68105	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19676	68105	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19728	68105	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19729	68105	Antimony	3.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
19768	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19787	68105	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19791	68105	Antimony	3.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20170	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20218	68105	Antimony	3.315	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20236	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20313	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20315	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20342	68105	Antimony	5.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
20420	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20426	68105	Antimony	3.065	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
20452	68105	Antimony	4.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
20470	68105	Antimony	3.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20477	68105	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20506	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20510	68105	Antimony	2.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
20535	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20545	68105	Antimony	6.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
20557	68105	Antimony	3.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
20584	68105	Antimony	3.605	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20590	68105	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20603	68105	Antimony	3.105	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
20610	68105	Antimony	3.235	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20612	68105	Antimony	3.93	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
20656	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20674	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20685	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20702	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20759	68105	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
20777	68105	Antimony	3.555	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20823	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20845	68105	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20856	68105	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20883	68105	Antimony	2.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
20908	68105	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20925	68105	Antimony	13.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
20945	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20961	68105	Antimony	3.615	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20964	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21005	68105	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21012	68105	Antimony	4.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
21019	68105	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21053	68105	Antimony	3.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21064	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21068	68105	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21079	68105	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21097	68105	Antimony	3.77	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
21110	68105	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21136	68105	Antimony	5.87	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
21143	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21148	68105	Antimony	16.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
21150	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21265	68105	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21268	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21309	68105	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21336	68105	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21390	68105	Antimony	6.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
21394	68105	Antimony	3.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21436	68105	Antimony	9.94	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21454	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21490	68105	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21498	68105	Antimony	3.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21513	68105	Antimony	2.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
21535	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21551	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21560	68105	Antimony	3.545	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21565	68105	Antimony	2.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
21578	68105	Antimony	4.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
21609	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21614	68105	Antimony	3.615	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21625	68105	Antimony	6.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
21653	68105	Antimony	3.055	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
21677	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21689	68105	Antimony	2.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
21705	68105	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21714	68105	Antimony	3.295	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21720	68105	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21724	68105	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
21730	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21744	68105	Antimony	4.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
21811	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21815	68105	Antimony	2.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
21822	68105	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
21836	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21884	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21901	68105	Antimony	3.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21916	68105	Antimony	3.755	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
21925	68105	Antimony	3.135	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21941	68105	Antimony	3.275	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21956	68105	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
21981	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22181	68105	Antimony	3.315	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22230	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22273	68105	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22295	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22320	68105	Antimony	3.145	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22344	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22358	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22386	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22399	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22453	68105	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
22563	68105	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22574	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22636	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22715	68105	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22716	68105	Antimony	5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
22754	68105	Antimony	2.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
22772	68105	Antimony	3.935	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
22832	68105	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49272	68105	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49289	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50528	68105	Antimony	3.165	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
50574	68105	Antimony	1.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
90427	68105	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93120	68105	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
93354	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93358	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
93364	68105	Antimony	2.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
93381	68105	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51011	68106	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51029	68106	Antimony	3.105	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
51034	68106	Antimony	3.625	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51037	68106	Antimony	3.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51041	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51046	68106	Antimony	3.505	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51047	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51052	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51058	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51064	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51065	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51079	68106	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51080	68106	Antimony	4.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
51082	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51089	68106	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51093	68106	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51101	68106	Antimony	3.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51102	68106	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51113	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51116	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51118	68106	Antimony	3.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
51120	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51123	68106	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51126	68106	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51127	68106	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51132	68106	Antimony	3.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51133	68106	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
51143	68106	Antimony	3.585	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51155	68106	Antimony	3.505	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51158	68106	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51162	68106	Antimony	3.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51184	68106	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2030	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2038	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2056	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2104	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2124	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2167	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2206	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2220	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2252	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2273	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2292	68107	Antimony	0.4505	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2496	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3003	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
3021	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
3074	68107	Antimony	0.475	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
3121	68107	Antimony	0.4205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5066	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5076	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5130	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5157	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5159	68107	Antimony	3.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5161	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5163	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5165	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5166	68107	Antimony	2.78	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5172	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5176	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5178	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5180	68107

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10214	68107	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10241	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10290	68107	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10295	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10299	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10310	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10328	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10329	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10387	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10401	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10403	68107	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10425	68107	Antimony	3.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10432	68107	Antimony	21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	3E-02
10455	68107	Antimony	4.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
10458	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10468	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10471	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10484	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10492	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10500	68107	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10508	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10513	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10538	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10543	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10548	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10578	68107	Antimony	3.435	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10582	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10622	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10633	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10650	68107	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10654	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10662	68107	Antimony	3.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10670	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10687	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
10707	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10720	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10735	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10738	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10814	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10822	68107	Antimony	2.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
10831	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10834	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10842	68107	Antimony	8.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10848	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10858	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10860	68107	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10870	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10876	68107	Antimony	4.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
10877	68107	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10880	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10895	68107	Antimony	7.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
10909	68107	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10914	68107	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10920	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10925	68107	Antimony	3.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10931	68107	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10944	68107	Antimony	3.125	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10947	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10950	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10965	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
10970	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10990	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11036	68107	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11069	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11070	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11082	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11094	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11107	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11118	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11142	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11155	68107	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11172	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11179	68107	Antimony	4.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
11191	68107	Antimony	3.435	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11194	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11203	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11208	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11222	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11230	68107	Antimony	3.635	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11232	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11233	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11246	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11258	68107	Antimony	3.755	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
11268	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11283	68107	Antimony	3.395	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11303	68107	Antimony	3.76	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
11309	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11312	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11321	68107	Antimony	3.185	4.00E-04

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11494	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11523	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11558	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11568	68107	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11599	68107	Antimony	2.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11601	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11603	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11604	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11609	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11614	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11661	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11686	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11711	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11741	68107	Antimony	6.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
11754	68107	Antimony	2.65	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11765	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11777	68107	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11829	68107	Antimony	2.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11842	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11865	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11894	68107	Antimony	3.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
11902	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11910	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11941	68107	Antimony	3.86	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
11960	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11982	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12002	68107	Antimony	5.94	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
12009	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12012	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12037	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12047	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12086	68107	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12114	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12116	68107	Antimony	3.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12118	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12124	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12126	68107	Antimony	5.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
12152	68107	Antimony	2.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
12166	68107	Antimony	3.69	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12206	68107	Antimony	3.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12220	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12227	68107	Antimony	2.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
12239	68107	Antimony	2.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
12290	68107	Antimony	3.015	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
12296	68107	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12338	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12351	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12372	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12388	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12407	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12410	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12414	68107	Antimony	3.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
12424	68107	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
12439	68107	Antimony	17.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
12457	68107	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12506	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
12514	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12529	68107	Antimony	4.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
12530	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12547	68107	Antimony	5.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
12551	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12567	68107	Antimony	2.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
12572	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12588	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12590	68107	Antimony	3.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12644	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12667	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
12714	68107	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12729	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12741	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12761	68107	Antimony	3.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12794	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12830	68107	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12848	68107	Antimony	3.555	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12858	68107	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
12871	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
13038	68107	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
13045	68107	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
43676	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43691	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43703	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43729	68107	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
43736	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43744	68107	Antimony	3.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
43746	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
43771	68107	Antimony	3.665	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
43793	68107	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43800	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44137	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44145	68107	Antimony	3.24	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44153	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44157	68107	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44177	68107	Antimony	3.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44184	68107	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44185	68107	Antimony	2.895	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44198	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44202	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44220	68107	Antimony	3.435	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44225	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44233	68107	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44236	68107	Antimony	2.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
44237	68107	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44248	68107	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44299	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44319	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44348	68107	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44416	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44446	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
44452	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44455	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44456	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44465	68107	Antimony	3.575	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44475	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44482	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44483	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
44490	68107	Antimony	2.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44503	68107	Antimony	3.565	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44507	68107	Antimony	1.87	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
44508	68107	Antimony	3.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
44519	68107	Antimony	3.68	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44526	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44528	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44529	68107	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44531	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44536	68107	Antimony	2.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44539	68107	Antimony	2.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
44546	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44549	68107	Antimony	3.375	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44556	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44567	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44578	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44581	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44589	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44592	68107	Antimony	3.445	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44597	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44617	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44619	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44623	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44626	68107	Antimony	2.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44636	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44640	68107	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44644	68107	Antimony	3.17	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44668	68107	Antimony	3.325	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44700	68107	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44711	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44725	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
44727	68107	Antimony	3.64	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44738	68107	Antimony	3.685	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44740	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44741	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44747	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44753	68107	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44755	68107	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44756	68107	Antimony	3.65	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44768	68107	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44790	68107	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44798	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44814	68107	Antimony	12.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
44822	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44854	68107	Antimony	3.17	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44857	68107	Antimony	3.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44869	68107	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44877	68107	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44902	68107	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44923	68107	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
44955	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44979	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
44984	68107	Antimony	4.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
44987	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45004	68107	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45005	68107	Antimony	4.42	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
45018	68107	Antimony	3.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45020	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45023	68107	Antimony	3.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45034	68107	Antimony	3.625	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45044	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45259	68107	Antimony	3.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45269	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45298	68107	Antimony	3.76	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
45300	68107	Antimony	2.77	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
45303	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45304	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
45305	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45321	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45343	68107	Antimony	3.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45350	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
45356	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45364	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45390	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45393	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45404	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45411	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45423	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45424	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45447	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45458	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45460	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45484	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45487	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45503	68107	Antimony	3.155	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45530	68107	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
45533	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45564	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45566	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45574	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45584	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45608	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45609	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45624	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45626	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45645	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45646	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45648	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45662	68107	Antimony	3.525	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45663	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45678	68107	Antimony	2.88	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
45725	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45728	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45739	68107	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45741	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45764	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45767	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45770	68107	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45786	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45789	68107	Antimony	3.405	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45822	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45837	68107	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45840	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45849	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45854	68107	Antimony	3.775	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
45883	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45906	68107	Antimony	3.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45921	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45923	68107	Antimony	3.715	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45927	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45955	68107	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45970	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45984	68107	Antimony	3.505	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45988	68107	Antimony	2.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
45999	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46035	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46049	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46050	68107	Antimony	3.715	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46052	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46071	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46073	68107	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46091	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46103	68107	Antimony	5.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
46107	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46118	68107	Antimony	3.93	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
46122	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
46127	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46133	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46164	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46168	68107	Antimony	2.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46180	68107	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46210	68107	Antimony	3.295	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46214	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46241	68107	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46247	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46260	68107	Antimony	3.425	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46279	68107	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46297	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46346	68107	Antimony	2.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46628	68107	Antimony	4.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
46637	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46655	68107	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46662	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46664	68107	Antimony	3.165	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46672	68107	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46673	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46683	68107	Antimony	3.475	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46698	68107	Antimony	3.175	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46699	68107	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46708	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46712	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46725	68107	Antimony	3.115	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46727	68107	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46731	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46743	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46764	68107	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46772	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46776	68107	Antimony	3.045	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46792	68107	Antimony	3.045	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46794	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46805	68107	Antimony	2.83	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46808	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46815	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46835	68107	Antimony	2.865	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46852	68107	Antimony	2.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46857	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46864	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46867	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46893	68107	Antimony	3.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46916	68107	Antimony	4.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
46919	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46934	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46954	68107	Antimony	2.965	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
46964	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46994	68107	Antimony	3.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46998	68107	Antimony	3.545	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47030	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47046	68107	Antimony	7.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
47047	68107	Antimony	3.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47052	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47058	68107	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47088	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47090	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47106	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47139	68107	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47140	68107	Antimony	5.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
47147	68107	Antimony	8.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47148	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47149	68107	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
47163	68107	Antimony	0.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47172	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47179	68107	Antimony	2.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47181	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47196	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47206	68107	Antimony	2.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47215	68107	Antimony	3.64	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47216	68107	Antimony	2.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47217	68107	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47218	68107	Antimony	1.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47249	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47259	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47274	68107	Antimony	2.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47275	68107	Antimony	2.86	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47279	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47291	68107	Antimony	3.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47293	68107	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47296	68107	Antimony	2.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47311	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47315	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47320	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47322	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47338	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47339	68107	Antimony	4.97	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
47356	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47368	68107	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47380	68107	Antimony	3.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47382	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47417	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47421	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47424	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47425	68107	Antimony	3.375	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47440	68107	Antimony	5.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
47452	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47485	68107	Antimony	3.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47526	68107	Antimony	2.86	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47544	68107	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47553	68107	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47860	68107	Antimony	4.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
47867	68107	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47886	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47895	68107	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
47924	68107	Antimony	3.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
47930	68107	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47934	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47939	68107	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47952	68107	Antimony	3.265	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47966	68107	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47969	68107	Antimony	3.545	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48003	68107	Antimony	2.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
48006	68107	Antimony	2.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
48014	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48016	68107	Antimony	3.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48018	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48036	68107	Antimony	3.105	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
48043	68107	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48048	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48056	68107	Antimony	2.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48092	68107	Antimony	4.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
48116	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48118	68107	Antimony	4.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
48120	68107	Antimony	1.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48135	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48141	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48150	68107	Antimony	2.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48167	68107	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48232	68107	Antimony	3.75	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48245	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
48261	68107	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48271	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48292	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48308	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48327	68107	Antimony	3.275	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48334	68107	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48341	68107	Antimony	3.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
48359	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
48367	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48368	68107	Antimony	3.215	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48380	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48416	68107	Antimony	2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48418	68107	Antimony	3.605	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48434	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48494	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48495	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48508	68107	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48510	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48525	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
48553	68107	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48578	68107	Antimony	3.395	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48589	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48596	68107	Antimony	3.395	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48620	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48636	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48639	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48641	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48654	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48661	68107	Antimony	1.685	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48668	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48674	68107	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48685	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48694	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48708	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48715	68107	Antimony	3.665	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48721	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48733	68107	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
48736	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48747	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48768	68107	Antimony	1.225	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48798	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48815	68107	Antimony	2.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
48821	68107	Antimony	73.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-01	9E-02
48846	68107	Antimony	3.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
48855	68107	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48871	68107	Antimony	3.235	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48904	68107	Antimony	2.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
48944	68107	Antimony	3.455	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48952	68107	Antimony	3.545	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48963	68107	Antimony	3.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48973	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
48975	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48977	68107	Antimony	2.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
48999	68107	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49012	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49036	68107	Antimony	3.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49070	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49081	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50158	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50185	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50191	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50192	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50193	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50214	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50243	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50244	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50246	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50249	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50276	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50284	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50286	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50292	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50293	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50294	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50299	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50300	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50313	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50325	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50326	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50335	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50359	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50360	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50361	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50362	68107	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50537	68107	Antimony	3.195	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
76891	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
89377	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
89408	68107	Antimony	2.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
2170	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2518	68108	Antimony	2.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2521	68108	Antimony	2.61	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2522	68108	Antimony	4.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2527	68108	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2532	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5225	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5227	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5229	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5284	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5300	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5304	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5306	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5332	68108	Antimony	1.92	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5387	68108	Antimony	1.955	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5390	68108	Antimony	1.995	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5394	68108	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5395	68108	Antimony	9.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5398	68108	Antimony	5.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5403	68108	Antimony	2.175	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5407	68108	Antimony	4.93	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5408	68108	Antimony	6.71	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5409	68108	Antimony	0.545	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5416	68108	Antimony	2.635	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5418	68108	Antimony	3.92	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5422	68108	Antimony	4.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5425	68108	Antimony	7.75	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5426	68108	Antimony	2.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5427	68108	Antimony	5.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5429	68108	Antimony	1.315	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5431	68108	Antimony	4.97	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5432	68108	Antimony	5.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5449	68108	Antimony	5.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5450	68108	Antimony	8.65	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5454	68108	Antimony	2.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5460	68108	Antimony	0.945	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5463	68108	Antimony	1.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5467	68108	Antimony	6.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5472	68108	Antimony	1.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5473	68108	Antimony	1.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5474	68108	Antimony	2.295	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5480	68108	Antimony	4.56	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5483	68108	Antimony	4.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5485	68108	Antimony	2.835	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5492	68108	Antimony	7.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5505	68108	Antimony	5.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5572	68108	Antimony	6.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5607	68108	Antimony	2.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5608	68108	Antimony	1.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5623	68108	Antimony	3.01	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5628	68108	Antimony	2.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5630	68108	Antimony	5.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5636	68108	Antimony	11.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5637	68108	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5652	68108	Antimony	4.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
12816	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12859	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12926	68108	Antimony	2.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
14043	68108	Antimony	2.985	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
14076	68108	Antimony	3.485	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14079	68108	Antimony	3.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
14130	68108	Antimony	2.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
14140	68108	Antimony	1.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14203	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14270	68108	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14290	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14438	68108	Antimony	2.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
14449	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14481	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14486	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14497	68108	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14537	68108	Antimony	2.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
14545	68108	Antimony	2.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
14576	68108	Antimony	1.835	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14578	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14617	68108	Antimony	3.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14692	68108	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14720	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14818	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14825	68108	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14849	68108	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14855	68108	Antimony	5.78	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
14878	68108	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
14914	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14998	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15001	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15051	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15053	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15116	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15135	68108	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15248	68108	Antimony	3.97	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
15256	68108	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15286	68108	Antimony	2.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
15337	68108	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15443	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15468	68108	Antimony	3.245	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15601	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15603	68108	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15687	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15748	68108	Antimony	3.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
15768	68108	Antimony	3.755	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
15915	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15939	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15955	68108	Antimony	3.395	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15966	68108	Antimony	3.705	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15980	68108	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16006	68108	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16126	68108	Antimony	2.985	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
16135	68108	Antimony	2.75	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16137	68108	Antimony	3.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16145	68108	Antimony	3.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16261	68108	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16267	68108	Antimony	3.175	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16319	68108	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
16349	68108	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
16446	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16530	68108	Antimony	9.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16556	68108	Antimony	2.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16581	68108	Antimony	2.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16595	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16599	68108	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16711	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16973	68108	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17004	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17005	68108	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17022	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17242	68108	Antimony	6.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
17247	68108	Antimony	4.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
17282	68108	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17316	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17323	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17335	68108	Antimony	3.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17360	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17414	68108	Antimony	3.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17416	68108	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17417	68108	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17418	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17461	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17498	68108	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17550	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17671	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17699	68108	Antimony	3.115	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
17700	68108	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17701	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17703	68108	Antimony	3.645	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17732	68108	Antimony	1.805	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
18330	68108	Antimony	2.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18339	68108	Antimony	3.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18385	68108	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18422	68108	Antimony	6.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
18435	68108	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18461	68108	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18486	68108	Antimony	3.045	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18532	68108	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18547	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18597	68108	Antimony	2.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18634	68108	Antimony	6.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
18664	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18687	68108	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18691	68108	Antimony	2.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
18697	68108	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18712	68108	Antimony	3.115	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
18718	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18749	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18800	68108	Antimony	6.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
18802	68108	Antimony	4.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
18833	68108	Antimony	4.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
18890	68108	Antimony	3.445	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18903	68108	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
18943	68108	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18968	68108	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
18988	68108	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19116	68108	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19126	68108	Antimony	2.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
19153	68108	Antimony	3.715	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19190	68108	Antimony	7.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
19343	68108	Antimony	6.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
19371	68108	Antimony	3.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19373	68108	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19417	68108	Antimony	5.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
19440	68108	Antimony	2.81	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
19444	68108	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19474	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19640	68108	Antimony	3.085	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
19660	68108	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19680	68108	Antimony	3.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19792	68108	Antimony	5.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
19875	68108	Antimony	1.675	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
19920	68108	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
19988	68108	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
20044	68108	Antimony	14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
20137	68108	Antimony	2.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
20149	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20168	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20169	68108	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
20244	68108	Antimony	3.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20285	68108	Antimony	3.165	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20287	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20344	68108	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
20367	68108	Antimony	3.17	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20464	68108	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20467	68108	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20567	68108	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20588	68108	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
20608	68108	Antimony	2.985	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
20629	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20671	68108	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20746	68108	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20752	68108	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
20831	68108	Antimony	3.555	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
20881	68108	Antimony	9.89	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20922	68108	Antimony	0.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21123	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21190	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21502	68108	Antimony	2.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
21582	68108	Antimony	5.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
21729	68108	Antimony	4.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
21863	68108	Antimony	3.215	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22203	68108	Antimony	3.68	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
22282	68108	Antimony	3.105	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
50453	68108	Antimony	2.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
50624	68108	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
74047	68108	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
79306	68108	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
87989	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
88004	68108	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
88031	68108	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
89842	68108	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
90601	68108	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
92372	68108	Antimony	2.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
93003	68108	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93522	68108	Antimony	3.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
2069	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2280	68110	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5560	68110	Antimony	2.655	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5561	68110	Antimony	2.87	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5563	68110	Antimony	0.78	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5565	68110	Antimony	4.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5566	68110	Antimony	1.025	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5612	68110	Antimony	6.92	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5614	68110	Antimony	6.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5641	68110	Antimony	1.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5650	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5651	68110	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26122	68110	Antimony	3.125	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26133	68110	Antimony	3.085	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26234	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26341	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26410	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26447	68110	Antimony	3.055	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26465	68110	Antimony	3.345	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26527	68110	Antimony	1.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26550	68110	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26762	68110	Antimony	1.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27034	68110	Antimony	3.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
27069	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27291	68110	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27435	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27589	68110	Antimony	3.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27592	68110	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
27683	68110	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27704	68110	Antimony	8.17	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27756	68110	Antimony	5.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
27815	68110	Antimony	3.155	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27822	68110	Antimony	3.24	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27826	68110	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27840	68110	Antimony	3.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27884	68110	Antimony	3.525	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27907	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27927	68110	Antimony	3.665	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27984	68110	Antimony	3.24	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28074	68110	Antimony	3.225	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28075	68110	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28120	68110	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28167	68110	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28226	68110	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28335	68110	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
28360	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28404	68110	Antimony	2.91	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28421	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28455	68110	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28501	68110	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28550	68110	Antimony	3.435	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28591	68110	Antimony	3.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28647	68110	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28670	68110	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28711	68110	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28717	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28726	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28905	68110	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28977	68110	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28999	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29058	68110	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29063	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29084	68110	Antimony	8.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29093	68110	Antimony	3.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29095	68110	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29117	68110	Antimony	5.81	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
29135	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29207	68110	Antimony	3.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
29238	68110	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29257	68110	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29271	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29283	68110	Antimony	3.345	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29290	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29332	68110	Antimony	2.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
29360	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29361	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29393	68110	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29421	68110	Antimony	3.685	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29493	68110	Antimony	4.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
29500	68110	Antimony	3.375	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29505	68110	Antimony	3.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29550	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29610	68110	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29634	68110	Antimony	5.83	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
29665	68110	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29753	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29774	68110	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29786	68110	Antimony	2.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
29795	68110	Antimony	3.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29844	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30443	68110	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
30469	68110	Antimony	3.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30470	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30500	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30551	68110	Antimony	11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30556	68110	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30566	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30575	68110	Antimony	3.585	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30633	68110	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30651	68110	Antimony	2.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
30688	68110	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30705	68110	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30786	68110	Antimony	3.405	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30803	68110	Antimony	3.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30870	68110	Antimony	3.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30954	68110	Antimony	2.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
30980	68110	Antimony	2.02	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31097	68110	Antimony	4.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
31153	68110	Antimony	3.295	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31174	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31223	68110	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31231	68110	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31350	68110	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31401	68110	Antimony	6.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
31568	68110	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31645	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31757	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31760	68110	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31814	68110	Antimony	3.42	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31832	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31959	68110	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32019	68110	Antimony	5.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
32039	68110	Antimony	2.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
32043	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32063	68110	Antimony	5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
32214	68110	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32373	68110	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32484	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32508	68110	Antimony	5.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
32529	68110	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32536	68110	Antimony	7.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
32570	68110	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32645	68110	Antimony	3.77	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
32707	68110	Antimony	3.955	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
32727	68110	Antimony	3.225	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32733	68110	Antimony	4.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
32734	68110	Antimony	4.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
32875	68110	Antimony	3.87	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
32903	68110	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32915	68110	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32927	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32996	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33078	68110	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33084	68110	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33280	68110	Antimony	7.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
33421	68110	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
33468	68110	Antimony	4.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
33472	68110	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33477	68110	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33483	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33512	68110	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33519	68110	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33543	68110	Antimony	3.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33555	68110	Antimony	3.24	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33602	68110	Antimony	2.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
33629	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33714	68110	Antimony	5.96	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
33725	68110	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33840	68110	Antimony	4.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
33927	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34002	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34047	68110	Antimony	9.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34116	68110	Antimony	3.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34237	68110	Antimony	3.295	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34260	68110	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34266	68110	Antimony	3.665	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34272	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34276	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34287	68110	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34613	68110	Antimony	4.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
34625	68110	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
34638	68110	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34674	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34696	68110	Antimony	4.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
34710	68110	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34733	68110	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34739	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34742	68110	Antimony	12.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
37075	68110	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37434	68110	Antimony	5.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
37456	68110	Antimony	3.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37525	68110	Antimony	3.645	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37674	68110	Antimony	3.47	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37821	68110	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
38725	68110	Antimony	2.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
38863	68110	Antimony	2.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
39142	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39434	68110	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
39572	68110	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
55636	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
74149	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
79377	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
81398	68110	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
81400	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
87991	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
90908	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
91449	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
92501	68110	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
92675	68110	Antimony	0.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93337	68110	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93338	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93342	68110	Antimony	0.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93344	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93345	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2035	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2075	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2103	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2109	68111	Antimony	2.88	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2118	68111	Antimony	3.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2121	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2126	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2154	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2179	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2216	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2225	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2231	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2262	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2365	68111	Antimony	0.448	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2425	68111	Antimony	3.325	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2565	68111	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3046	68111	Antimony	0.911	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
3051	68111	Antimony	0.405	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3058	68111	Antimony	1.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3091	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3133	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
3151	68111	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5013	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5085	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5170	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5171	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5204	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5206	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5208	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5215	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5221	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5230	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5232	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5234	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5236	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5238	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5240	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5242	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5246	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5288	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5296	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5330	68111	Antimony	1.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5513	68111	Antimony	1.625	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5514	68111	Antimony	1.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5618	68111	Antimony	0.79	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
25663	68111	Antimony	3.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25670	68111	Antimony	3.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25708	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25709	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25750	68111	Antimony	5.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
25780	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25786	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25794	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25804	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25805	68111	Antimony	7.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
25834	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25849	68111	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25869	68111	Antimony	3.61	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25874	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25877	68111	Antimony	5.03	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
25894	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25903	68111	Antimony	16.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
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TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
26164	68111	Antimony	4.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
26191	68111	Antimony	4.195	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
26199	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26202	68111	Antimony	3.455	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26204	68111	Antimony	2.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26211	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26215	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26228	68111	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26229	68111	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26231	68111	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26249	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26257	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26263	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26288	68111	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26289	68111	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26290	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26295	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26303	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26327	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26372	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26428	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26456	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26459	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26480	68111	Antimony	2.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26485	68111	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26514	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26518	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26543	68111	Antimony	13.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
26570	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26604	68111	Antimony	5.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
26653	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26663	68111	Antimony	2.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
26665	68111	Antimony	3.565	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26682	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26695	68111	Antimony	2.68	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26716	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26757	68111	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26759	68111	Antimony	2.375	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26772	68111	Antimony	2.995	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26779	68111	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26783	68111	Antimony	3.805	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
26834	68111	Antimony	3.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26844	68111	Antimony	6.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
26858	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26865	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26868	68111	Antimony	5.69	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
26869	68111	Antimony	3.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26877	68111	Antimony	9.83	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26891	68111	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
26948	68111	Antimony	4.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
26955	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26967	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26996	68111	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
26997	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26999	68111	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27005	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27031	68111	Antimony	3.195	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27038	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27052	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27074	68111	Antimony	2.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27096	68111	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27107	68111	Antimony	3.505	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27117	68111	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27120	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27137	68111	Antimony	2.99	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
27138	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27139	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27140	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27142	68111	Antimony	3.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27144	68111	Antimony	3.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
27145	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27148	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27177	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27185	68111	Antimony	5.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
27191	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27193	68111	Antimony	3.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27202	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27264	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27266	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27269	68111	Antimony	9.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27278	68111	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
27308	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27315	68111	Antimony	4.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
27318	68111	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27342	68111	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27347	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27369	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27399	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER			RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE	CTE	NONCANCER HQ_CTE		CANCER RISK_CTE			CTE	CTE			NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27734	68111	Antimony	2.69	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27739	68111	Antimony	3.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27742	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27764	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27780	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27854	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27859	68111	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27885	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27886	68111	Antimony	4.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
27913	68111	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27920	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27924	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27939	68111	Antimony	4.24	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
27962	68111	Antimony	3.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28004	68111	Antimony	2.69	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28011	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28019	68111	Antimony	3.735	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28020	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28022	68111	Antimony	3.065	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
28045	68111	Antimony	3.825	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
28065	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28072	68111	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28105	68111	Antimony	3.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
28108	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28144	68111	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28148	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28154	68111	Antimony	3.315	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28157	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28185	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28186	68111	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28188	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28222	68111	Antimony	4.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
28273	68111	Antimony	9.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28284	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28329	68111	Antimony	3.375	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28338	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28375	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28377	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28417	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28423	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28434	68111	Antimony	2.75	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28518	68111	Antimony	3.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28544	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28558	68111	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28561	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28573	68111	Antimony	2.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28611	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28612	68111	Antimony	3.565	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28618	68111	Antimony	5.03	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
28625	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28648	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28661	68111	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28688	68111	Antimony	7.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
28709	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28713	68111	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28725	68111	Antimony	3.315	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28730	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28749	68111	Antimony	6.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
28763	68111	Antimony	3.425	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28764	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28766	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28781	68111	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28785	68111	Antimony	3.235	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28798	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28799	68111	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28809	68111	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
28811	68111	Antimony	8.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28819	68111	Antimony	3.46	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28836	68111	Antimony	2.375	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28837	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28846	68111	Antimony	2.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28893	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28942	68111	Antimony	3.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28959	68111	Antimony	4.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
28963	68111	Antimony	3.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28967	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28984	68111	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
28991	68111	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29002	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29023	68111	Antimony	7.17	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
29033	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29037	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29071	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29090	68111	Antimony	7.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
29101	68111	Antimony	3.715	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29102	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29105	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29155	68111	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29409	68111	Antimony	2.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
29431	68111	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29432	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29445	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29469	68111	Antimony	3.535	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29499	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29552	68111	Antimony	3.235	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29558	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29578	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29608	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29625	68111	Antimony	4.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
29633	68111	Antimony	2.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
29671	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29678	68111	Antimony	3.295	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29683	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29684	68111	Antimony	3.115	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
29717	68111	Antimony	4.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
29777	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29792	68111	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
29806	68111	Antimony	3.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29818	68111	Antimony	2.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
29824	68111	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29826	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29881	68111	Antimony	3.545	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29889	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29910	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29912	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29927	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29953	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29974	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29978	68111	Antimony	3.59	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
29991	68111	Antimony	6.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
29993	68111	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30012	68111	Antimony	3.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
30045	68111	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30050	68111	Antimony	2.99	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30068	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30078	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30081	68111	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30123	68111	Antimony	4.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
30133	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30161	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30169	68111	Antimony	4.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
30171	68111	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30177	68111	Antimony	3.205	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30182	68111	Antimony	3.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30201	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30220	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30225	68111	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30244	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30253	68111	Antimony	4.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
30345	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30347	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30387	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30417	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30420	68111	Antimony	1.93	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30434	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30455	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30462	68111	Antimony	3.86	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
30494	68111	Antimony	3.015	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30521	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30526	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30563	68111	Antimony	5.73	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
30580	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30625	68111	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30644	68111	Antimony	3.65	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30683	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30699	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30700	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30757	68111	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30802	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30813	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30817	68111	Antimony	4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
30836	68111	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30841	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30844	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30888	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30927	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30932	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30933	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30939	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30978	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30991	68111	Antimony	3.485	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
30995	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30997	68111	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31008	68111	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31042	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31045	68111	Antimony	3.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)												HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31186	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31189	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31192	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31206	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31229	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31237	68111	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
31262	68111	Antimony	2.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31300	68111	Antimony	3.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31303	68111	Antimony	2.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31316	68111	Antimony	3.665	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31357	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31360	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31361	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31362	68111	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31366	68111	Antimony	4.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
31377	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31408	68111	Antimony	4.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
31433	68111	Antimony	3.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31442	68111	Antimony	3.325	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31444	68111	Antimony	5.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
31457	68111	Antimony	3.145	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31478	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31517	68111	Antimony	3.215	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31583	68111	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31603	68111	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
31607	68111	Antimony	3.71	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31615	68111	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31695	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31698	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31733	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31740	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31799	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31803	68111	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31823	68111	Antimony	3.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
31850	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31853	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31854	68111	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31858	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31868	68111	Antimony	3.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
31871	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31882	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31887	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31896	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31899	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31911	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31925	68111	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
31936	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31964	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31965	68111	Antimony	2.79	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31977	68111	Antimony	3.155	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31986	68111	Antimony	3.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32001	68111	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32016	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32021	68111	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32022	68111	Antimony	3.845	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
32040	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32046	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32049	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32070	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32081	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32089	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32092	68111	Antimony	4.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
32153	68111	Antimony	3.125	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
32162	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32168	68111	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32208	68111	Antimony	3.135	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32228	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32252	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32256	68111	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32261	68111	Antimony	2.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
32267	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32276	68111	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32277	68111	Antimony	4.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
32283	68111	Antimony	3.395	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32284	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32287	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32293	68111	Antimony	4.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
32311	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32316	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32325	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32346	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32414	68111	Antimony	3.96	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
32418	68111	Antimony	4.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
32428	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32429	68111	Antimony	2.84	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
32441	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32444	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32455	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32780	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32783	68111	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32818	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32847	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32851	68111	Antimony	3.585	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32852	68111	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32874	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32876	68111	Antimony	8.91	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32891	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32896	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32912	68111	Antimony	3.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32914	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32931	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32940	68111	Antimony	3.215	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
32949	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32968	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32972	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32973	68111	Antimony	2.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
32974	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32989	68111	Antimony	4.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
33009	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33012	68111	Antimony	4.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
33014	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33036	68111	Antimony	2.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
33037	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33042	68111	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33043	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33060	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33062	68111	Antimony	4.93	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
33120	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33177	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33207	68111	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33296	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33314	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33317	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33350	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33372	68111	Antimony	5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
33392	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33456	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33480	68111	Antimony	3.405	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33492	68111	Antimony	2.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
33600	68111	Antimony	3.085	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
33607	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33630	68111	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33631	68111	Antimony	2.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
33647	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33696	68111	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33711	68111	Antimony	3.025	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
33741	68111	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33772	68111	Antimony	3.215	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33803	68111	Antimony	3.155	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33805	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33806	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33831	68111	Antimony	3.455	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33833	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33856	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33863	68111	Antimony	3.02	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
33875	68111	Antimony	5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
33903	68111	Antimony	3.235	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
33915	68111	Antimony	3.065	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
33947	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33997	68111	Antimony	4.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
34040	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34059	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34060	68111	Antimony	2.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
34075	68111	Antimony	5.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
34088	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34126	68111	Antimony	6.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
34128	68111	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34142	68111	Antimony	3.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
34173	68111	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34179	68111	Antimony	4.69	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
34200	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34219	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34222	68111	Antimony	4.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
34224	68111	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34225	68111	Antimony	4.98	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
34247	68111	Antimony	2.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
34251	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34255	68111	Antimony	6.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
34257	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34320	68111	Antimony	3.785	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
34371	68111	Antimony	3.425	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34377	68111	Antimony	2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
34387	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34396	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34444	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34478	68111	Antimony	3.735	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34936	68111	Antimony	3.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
34948	68111	Antimony	8.93	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34985	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34999	68111	Antimony	3.455	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35003	68111	Antimony	4.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
35042	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35043	68111	Antimony	3.41	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35095	68111	Antimony	2.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
35137	68111	Antimony	2.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
35152	68111	Antimony	5.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
35223	68111	Antimony	3.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35233	68111	Antimony	3.735	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35242	68111	Antimony	3.92	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
35252	68111	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35273	68111	Antimony	4.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
35285	68111	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35287	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35288	68111	Antimony	3.705	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35290	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35350	68111	Antimony	2.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
35404	68111	Antimony	1.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
35417	68111	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
35458	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35495	68111	Antimony	4.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
35503	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35513	68111	Antimony	2.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
35517	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35536	68111	Antimony	2.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
35575	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35614	68111	Antimony	3.715	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35821	68111	Antimony	3.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35822	68111	Antimony	3.485	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35826	68111	Antimony	6.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
35830	68111	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
35877	68111	Antimony	5.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
35921	68111	Antimony	2.43	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
35935	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35943	68111	Antimony	9.88	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35947	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35964	68111	Antimony	3.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
35969	68111	Antimony	5.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
36000	68111	Antimony	6.64	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
36007	68111	Antimony	4.94	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
36015	68111	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36024	68111	Antimony	3.67	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36040	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36046	68111	Antimony	8.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
36072	68111	Antimony	2.82	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
36093	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36116	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36138	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36167	68111	Antimony	2.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
36194	68111	Antimony	3.185	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36212	68111	Antimony	3.24	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36246	68111	Antimony	76.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-01	9E-02
36251	68111	Antimony	3.42	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36257	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36259	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36269	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36325	68111	Antimony	2.98	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
36356	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36408	68111	Antimony	3.65	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36410	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36427	68111	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
36464	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36557	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36574	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36656	68111	Antimony	4.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
36679	68111	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36701	68111	Antimony	2.995	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
36706	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
36936	68111	Antimony	3.155	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37023	68111	Antimony	4.73	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
37025	68111	Antimony	2.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
37031	68111	Antimony	5.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
37036	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37049	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37087	68111	Antimony	2.81	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
37097	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37156	68111	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37189	68111	Antimony	2.955	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
37193	68111	Antimony	3.275	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37210	68111	Antimony	3.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37219	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37223	68111	Antimony	3.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
37226	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37276	68111	Antimony	8.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37361	68111	Antimony	3.165	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

								HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
38439	68111	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
38446	68111	Antimony	3.69	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
38585	68111	Antimony	4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
38587	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38759	68111	Antimony	4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
38780	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38864	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49203	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49313	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49314	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49319	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49341	68111	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49345	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49354	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50107	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50120	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50146	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50356	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50404	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50410	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50417	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50424	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
50434	68111	Antimony	3.905	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
50447	68111	Antimony	3.095	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
63239	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
63751	68111	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
68070	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
68686	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
73862	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
74664	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
75011	68111	Antimony	3.795	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
77146	68111	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
79703	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
79704	68111	Antimony	2.8	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
87761	68111	Antimony	3.555	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
89893	68111	Antimony	0.85	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
90107	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
91234	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
91335	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
91926	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2269	68112	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39755	68112	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
39951	68112	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
40194	68112	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
40523	68112	Antimony	3.595	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
40879	68112	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2097	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2156	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2165	68131	Antimony	4.3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5037	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5150	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5153	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5186	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5188	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5195	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5197	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5260	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5272	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5278	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5298	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5377	68131	Antimony	1.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5379	68131	Antimony	3.13	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5380	68131	Antimony	1.105	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22856	68131	Antimony	1.285	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
23003	68131	Antimony	5.81	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
23016	68131	Antimony	2.9	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
23028	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23072	68131	Antimony	3.89	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
23093	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23144	68131	Antimony	3.66	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23145	68131	Antimony	4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
23150	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23153	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23211	68131	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23237	68131	Antimony	3.345	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23274	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23280	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23301	68131	Antimony	2.57	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
23344	68131	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23379	68131	Antimony	3.155	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23399	68131	Antimony	3.265	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23425	68131	Antimony	7.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
23433	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23460	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23532	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23537	68131	Antimony	10.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23539	68131	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23577	68131	Antimony	3.095	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)												HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23895	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23899	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23922	68131	Antimony	3.07	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
23961	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23967	68131	Antimony	3.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23985	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23986	68131	Antimony	19.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
24000	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24010	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24019	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24027	68131	Antimony	5.39	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
24098	68131	Antimony	6.12	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
24109	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24119	68131	Antimony	3.16	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24126	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24132	68131	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24141	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24156	68131	Antimony	7.72	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
24162	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24182	68131	Antimony	3.095	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
24190	68131	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24214	68131	Antimony	2.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
24240	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24272	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24274	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24277	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24334	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24348	68131	Antimony	6.73	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
24357	68131	Antimony	4.74	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
24358	68131	Antimony	5.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
24367	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24370	68131	Antimony	4.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
24374	68131	Antimony	4.68	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
24376	68131	Antimony	3.425	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24390	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24396	68131	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24411	68131	Antimony	3.615	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24451	68131	Antimony	3.49	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24457	68131	Antimony	3.405	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24577	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24601	68131	Antimony	2.6	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
24605	68131	Antimony	3.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24635	68131	Antimony	3.37	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24640	68131	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24655	68131	Antimony	3.075	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
24674	68131	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24692	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24693	68131	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24703	68131	Antimony	2.84	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
24740	68131	Antimony	3.715	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24751	68131	Antimony	4.38	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
24757	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24768	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24794	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24800	68131	Antimony	3.64	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24808	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24887	68131	Antimony	4.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
24896	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24931	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24958	68131	Antimony	4.62	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
24962	68131	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
24964	68131	Antimony	3.135	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25005	68131	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25009	68131	Antimony	2.73	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
25061	68131	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25063	68131	Antimony	3.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25078	68131	Antimony	3.745	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25096	68131	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25130	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25133	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25137	68131	Antimony	4.33	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
25167	68131	Antimony	3.29	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25185	68131	Antimony	4.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
25189	68131	Antimony	3.09	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
25193	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25202	68131	Antimony	3.195	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25204	68131	Antimony	3.44	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25231	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25242	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25281	68131	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25285	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25296	68131	Antimony	3.18	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25315	68131	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25324	68131	Antimony	3.385	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
25329	68131	Antimony	2.26	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
25331	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25335	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25337	68131	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
93419	68131	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5139	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5140	68132	Antimony	2.08	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5313	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5317	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49490	68132	Antimony	3.35	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49500	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49505	68132	Antimony	3.435	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49521	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49544	68132	Antimony	3.305	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49558	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49578	68132	Antimony	3.435	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49618	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49625	68132	Antimony	3.145	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49627	68132	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49628	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49642	68132	Antimony	3.51	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49663	68132	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49671	68132	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49672	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49676	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49678	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49682	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49697	68132	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49701	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49704	68132	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49716	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49717	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49724	68132	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49725	68132	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49726	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49727	68132	Antimony	3.75	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49736	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49739	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49759	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49760	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49774	68132	Antimony	3.175	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49781	68132	Antimony	3.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49783	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49793	68132	Antimony	1.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
49800	68132	Antimony	2.925	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49806	68132	Antimony	2.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49812	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49819	68132	Antimony	3.22	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49833	68132	Antimony	3.45	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49846	68132	Antimony	3.475	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49852	68132	Antimony	3.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49853	68132	Antimony	3	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
49855	68132	Antimony	3.52	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49863	68132	Antimony	3.36	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49884	68132	Antimony	3.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49902	68132	Antimony	3.73	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49911	68132	Antimony	3.28	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49913	68132	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49918	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49922	68132	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49929	68132	Antimony	3.275	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49936	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49941	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49943	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49953	68132	Antimony	3.265	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49956	68132	Antimony	3.515	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49958	68132	Antimony	3.735	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49961	68132	Antimony	3.48	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49971	68132	Antimony	3.23	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49974	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49986	68132	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
49994	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49995	68132	Antimony	6.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
50479	68132	Antimony	3.11	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
50484	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50485	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50536	68132	Antimony	3.42	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51190	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51214	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51217	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51225	68132	Antimony	3.42	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51228	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51234	68132	Antimony	5.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
51256	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51263	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51270	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51278	68132	Antimony	3.565	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51280	68132	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51327	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51349	68132	Antimony	2.89	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
51361	68132	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51369	68132	Antimony	3.14	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51551	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51569	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51587	68132	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51588	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51598	68132	Antimony	3.255	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51600	68132	Antimony	3.495	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51607	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51630	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51640	68132	Antimony	3.115	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
51645	68132	Antimony	3.5	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51646	68132	Antimony	3.42	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51659	68132	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51667	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51671	68132	Antimony	3.615	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51676	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51705	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51706	68132	Antimony	3.655	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51708	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51710	68132	Antimony	5.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
51712	68132	Antimony	3.565	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51735	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51750	68132	Antimony	3.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51752	68132	Antimony	4.54	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
51767	68132	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51769	68132	Antimony	3.58	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51779	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51780	68132	Antimony	4.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
51785	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51790	68132	Antimony	3.415	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51800	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51803	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51805	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51807	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51808	68132	Antimony	3.04	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
51820	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51829	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51840	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51844	68132	Antimony	1.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51846	68132	Antimony	4.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
51847	68132	Antimony	4.7	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
51854	68132	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51855	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51857	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51861	68132	Antimony	3.21	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51863	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51866	68132	Antimony	3.63	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51872	68132	Antimony	4.06	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
51897	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51918	68132	Antimony	3.335	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51921	68132	Antimony	3.19	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51946	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51949	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51959	68132	Antimony	2.855	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
51960	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51972	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51990	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51997	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52023	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52035	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52046	68132	Antimony	4.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
52054	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52059	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52075	68132	Antimony	3.34	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52078	68132	Antimony	3.31	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52080	68132	Antimony	3.53	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52085	68132	Antimony	3.345	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52090	68132	Antimony	3.315	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52091	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52097	68132	Antimony	3.32	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52101	68132	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52106	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52112	68132	Antimony	3.2	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52119	68132	Antimony	1.365	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
52122	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52128	68132	Antimony	1.25	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52129	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52137	68132	Antimony	3.55	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52140	68132	Antimony	3.525	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52141	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52150	68132	Antimony	3.465	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52155	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52158	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52166	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52167	68132	Antimony	3.175	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52177	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52178	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52181	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52186	68132	Antimony	1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)												HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
52378	68132	Antimony	3.4	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52386	68132	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52387	68132	Antimony	3.27	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52411	68132	Antimony	3.355	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
63007	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
66781	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
66791	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
92431	68132	Antimony	1.15	4.00E-04	--	6.00E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
22493	68102	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25567	68102	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
25717	68102	Arsenic	3.635	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
25720	68102	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25914	68102	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
90101	68102	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
2133	68104	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
5026	68104	Arsenic	42.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
5143	68104	Arsenic	404	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E+00	6E-01	8E-05	3E-05	1E-04	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-01	2E-02	3E-06	1E-06	4E-06	1E-04	**6E+00**	7E-01
5144	68104	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5145	68104	Arsenic	6.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
5147	68104	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
50647	68104	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
1626	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2229	68105	Arsenic	9.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
2299	68105	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
2300	68105	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
2308	68105	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2441	68105	Arsenic	8.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
2448	68105	Arsenic	4.325	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
2465	68105	Arsenic	67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
3076	68105	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
3118	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5054	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
5057	68105	Arsenic	48.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
5105	68105	Arsenic	9.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
5109	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
5110	68105	Arsenic	36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
5112	68105	Arsenic	34.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	7E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	6E-02
5117	68105	Arsenic	28.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
5123	68105	Arsenic	33.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	6E-02
5128	68105	Arsenic	28.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	5E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
5129	68105	Arsenic	9.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
5132	68105	Arsenic	54.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	1E-05	8E-01	9E-02
5134	68105	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
5325	68105	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
5338	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5347	68105	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
5351	68105	Arsenic	0.2565	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	5E-08	2E-08	7E-08	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-04	1E-05	2E-09	6E-10	2E-09	7E-08	4E-03	4E-04
5352	68105	Arsenic	53.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	8E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
5355	68105	Arsenic	255	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E+00	4E-01	5E-05	2E-05	7E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	2E-06	6E-07	2E-06	7E-05	**4E+00**	4E-01
5356	68105	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5357	68105	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
5359	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5361	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5363	68105	Arsenic	37.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
5364	68105	Arsenic	207	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	3E-01	4E-05	1E-05	5E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	5E-07	2E-06	6E-05	**3E+00**	3E-01
5365	68105	Arsenic	49.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	8E-01	8E-02
5367	68105	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5486	68105	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
5488	68105	Arsenic	82.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	5E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
5489	68105	Arsenic	79.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
5495	68105	Arsenic	25.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
5509	68105	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5610	68105	Arsenic	54.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	1E-05	8E-01	9E-02
12784	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
12864	68105	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
12875	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
12886	68105	Arsenic	8.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Arsenic

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo ($mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
13984	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14003	68105	Arsenic	5.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	8E-03
14024	68105	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
14050	68105	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
14063	68105	Arsenic	8.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
14080	68105	Arsenic	8.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
14098	68105	Arsenic	138	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
14199	68105	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14238	68105	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14322	68105	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
14326	68105	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
14341	68105	Arsenic	137	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	7E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
14407	68105	Arsenic	9.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
14410	68105	Arsenic	7.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
14460	68105	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
14492	68105	Arsenic	9.98	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
14525	68105	Arsenic	71.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	6E-07	2E-05	1E+00	1E-01
14528	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
14536	68105	Arsenic	25.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
14544	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14556	68105	Arsenic	136	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	7E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
14557	68105	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14577	68105	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
14602	68105	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
14647	68105	Arsenic	9.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
14656	68105	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
14688	68105	Arsenic	92.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	7E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	8E-07	3E-05	1E+00	2E-01
14718	68105	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14739	68105	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	2E-01	2E-02
14752	68105	Arsenic	9.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
14780	68105	Arsenic	53.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
14817	68105	Arsenic	7.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
14823	68105	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14860	68105	Arsenic	41.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
14885	68105	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
14913	68105	Arsenic	6.17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	5E-08	2E-06	1E-01	1E-02
14959	68105	Arsenic	16.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
14964	68105	Arsenic	19.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
14976	68105	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14992	68105	Arsenic	7.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
15003	68105	Arsenic	64.865	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
15044	68105	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15045	68105	Arsenic	42.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
15058	68105	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
15060	68105	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15091	68105	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
15106	68105	Arsenic	9.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
15166	68105	Arsenic	233	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	4E-01	4E-05	2E-05	6E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	2E-06	6E-07	2E-06	6E-05	**4E+00**	4E-01
15227	68105	Arsenic	9.29	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
15231	68105	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
15255	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15278	68105	Arsenic	8.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
15279	68105	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15292	68105	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15299	68105	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15308	68105	Arsenic	8.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
15317	68105	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
15329	68105	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15336	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
16486	68105	Arsenic	5.49	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	1E-06	8E-02	9E-03
16499	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
16545	68105	Arsenic	7.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
16572	68105	Arsenic	6.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
16589	68105	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
16618	68105	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
16646	68105	Arsenic	36.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
16668	68105	Arsenic	7.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
16749	68105	Arsenic	31.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
16772	68105	Arsenic	9.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
16777	68105	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
16793	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
16851	68105	Arsenic	8.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
16866	68105	Arsenic	48.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
16869	68105	Arsenic	140	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
16889	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
16893	68105	Arsenic	7.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
16922	68105	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
16928	68105	Arsenic	24.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
16946	68105	Arsenic	98.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	2E-05	7E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	9E-07	3E-05	**2E+00**	2E-01
16963	68105	Arsenic	7.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
16974	68105	Arsenic	9.61	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
17040	68105	Arsenic	8.96	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
17055	68105	Arsenic	8.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
17065	68105	Arsenic	105	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	8E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	9E-07	3E-05	**2E+00**	2E-01
17076	68105	Arsenic	35.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
17097	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
17108	68105	Arsenic	7.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
17142	68105	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
17179	68105	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
17198	68105	Arsenic	20.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
17199	68105	Arsenic	5.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
17270	68105	Arsenic	26.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
17298	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
17300	68105	Arsenic	18.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
17348	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
17374	68105	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
17379	68105	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
17542	68105	Arsenic	37.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
17557	68105	Arsenic	18.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
17719	68105	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
17725	68105	Arsenic	5.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
17745	68105	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
17753	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
17802	68105	Arsenic	18.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
17803	68105	Arsenic	7.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
17827	68105	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
17876	68105	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
17899	68105	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
17918	68105	Arsenic	46.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
17934	68105	Arsenic	8.59	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
17935	68105	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
18036	68105	Arsenic	68.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
18133	68105	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
18147	68105	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18177	68105	Arsenic	311	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E+00	5E-01	6E-05	2E-05	8E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-01	2E-02	2E-06	8E-07	3E-06	8E-05	**5E+00**	5E-01
18187	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18189	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18281	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
19791	68105	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
19812	68105	Arsenic	3.805	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
19831	68105	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
19839	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
19858	68105	Arsenic	5.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
19864	68105	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
19915	68105	Arsenic	46.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
19923	68105	Arsenic	6.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
19932	68105	Arsenic	33.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
19938	68105	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
19972	68105	Arsenic	7.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
19976	68105	Arsenic	64.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
19987	68105	Arsenic	68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
20069	68105	Arsenic	15.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
20080	68105	Arsenic	189	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	3E-01	4E-05	1E-05	5E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-02	1E-02	1E-06	5E-07	2E-06	5E-05	**3E+00**	3E-01
20105	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20110	68105	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
20128	68105	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
20170	68105	Arsenic	22.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	3E-01	4E-02
20218	68105	Arsenic	23.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	4E-01	4E-02
20236	68105	Arsenic	7.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
20313	68105	Arsenic	45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
20315	68105	Arsenic	27.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	2E-07	8E-06	4E-01	5E-02
20342	68105	Arsenic	7.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
20420	68105	Arsenic	7.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
20426	68105	Arsenic	99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	2E-05	7E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	9E-07	3E-05	**2E+00**	2E-01
20452	68105	Arsenic	6.23	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
20470	68105	Arsenic	39.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
20471	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
20477	68105	Arsenic	90.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	7E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	8E-07	2E-05	1E+00	2E-01
20506	68105	Arsenic	56.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	9E-02
20510	68105	Arsenic	7.96	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
20535	68105	Arsenic	9.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
20545	68105	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20557	68105	Arsenic	29.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
20584	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20590	68105	Arsenic	21.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
20603	68105	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20610	68105	Arsenic	9.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
20612	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20656	68105	Arsenic	37.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
20674	68105	Arsenic	38.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
20685	68105	Arsenic	9.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
20702	68105	Arsenic	29.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
20759	68105	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20777	68105	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
20823	68105	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
20845	68105	Arsenic	2.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	6E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
20856	68105	Arsenic	28.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
20883	68105	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
20908	68105	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
20925	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20945	68105	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20961	68105	Arsenic	68.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
20964	68105	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
21005	68105	Arsenic	9.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	2E-01	2E-02
21012	68105	Arsenic	19.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
21019	68105	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
21053	68105	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
21941	68105	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
21956	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
21981	68105	Arsenic	79.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
21985	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
21989	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22006	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
22013	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
22024	68105	Arsenic	23.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
22025	68105	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
22027	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
22034	68105	Arsenic	85.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	5E-03	6E-07	2E-07	8E-07	2E-05	1E+00	1E-01
22036	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
22039	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22044	68105	Arsenic	47.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
22046	68105	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22056	68105	Arsenic	6.82	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
22061	68105	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
22074	68105	Arsenic	8.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
22079	68105	Arsenic	31.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
22080	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
22177	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22181	68105	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22183	68105	Arsenic	9.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
22230	68105	Arsenic	37.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
22273	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
22295	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22320	68105	Arsenic	9.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
22344	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22358	68105	Arsenic	43.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
22386	68105	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
22399	68105	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22405	68105	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
22453	68105	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
22563	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22574	68105	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
22636	68105	Arsenic	54.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
22715	68105	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
22716	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
22754	68105	Arsenic	8.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
22772	68105	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
22832	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
49272	68105	Arsenic	61.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	1E-01	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	2E-07	5E-07	2E-05	1E+00	1E-01
49289	68105	Arsenic	35.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
50528	68105	Arsenic	144	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	9E-07	4E-07	1E-06	4E-05	**2E+00**	2E-01
50574	68105	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
90427	68105	Arsenic	8.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
93120	68105	Arsenic	8.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
93354	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
93358	68105	Arsenic	6.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
93364	68105	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
93381	68105	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
51011	68106	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51029	68106	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51034	68106	Arsenic	3.72	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
51037	68106	Arsenic	3.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
51041	68106	Arsenic	25.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
51043	68106	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
51047	68106	Arsenic	164	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	3E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-02	9E-03	1E-06	4E-07	1E-06	4E-05	**3E+00**	3E-01
51052	68106	Arsenic	58.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
5163	68107	Arsenic	7.89	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
5165	68107	Arsenic	21.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
5166	68107	Arsenic	8.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
5172	68107	Arsenic	9.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
5176	68107	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
5178	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
5180	68107	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5182	68107	Arsenic	23.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
5183	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
5185	68107	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5211	68107	Arsenic	5.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
5212	68107	Arsenic	6.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
10008	68107	Arsenic	9.99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
10018	68107	Arsenic	9.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
10044	68107	Arsenic	9.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
10046	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10072	68107	Arsenic	9.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
10073	68107	Arsenic	226	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	4E-01	4E-05	2E-05	6E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	6E-07	2E-06	6E-05	**3E+00**	4E-01
10088	68107	Arsenic	24.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
10095	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10111	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
10130	68107	Arsenic	35.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
10134	68107	Arsenic	28.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
10214	68107	Arsenic	57.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	1E-01	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	1E-01
10241	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
10290	68107	Arsenic	3.32	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	6E-07	2E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	8E-09	3E-08	9E-07	5E-02	5E-03
10295	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
10299	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10310	68107	Arsenic	80.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
10328	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
10329	68107	Arsenic	7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
10387	68107	Arsenic	7.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
10401	68107	Arsenic	53.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
10403	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10425	68107	Arsenic	73.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
10432	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
10455	68107	Arsenic	92.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	7E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	8E-07	3E-05	1E+00	2E-01
10458	68107	Arsenic	8.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
10468	68107	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
10471	68107	Arsenic	3.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
10484	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
10492	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
10500	68107	Arsenic	7.61	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
10508	68107	Arsenic	9.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
10513	68107	Arsenic	5.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	8E-03
10538	68107	Arsenic	6.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
10543	68107	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
10548	68107	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
10578	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
10582	68107	Arsenic	9.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
10622	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10633	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10650	68107	Arsenic	4.695	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	3E-04	3E-08	1E-08	4E-08	1E-06	7E-02	8E-03
10654	68107	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
10662	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
10670	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
10687	68107	Arsenic	9.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
10707	68107	Arsenic	8.35	3.00

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
11246	68107	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11258	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11268	68107	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
11272	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11283	68107	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
11303	68107	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
11309	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
11312	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
11321	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
11343	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11349	68107	Arsenic	137	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	7E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
11367	68107	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
11372	68107	Arsenic	6.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
11385	68107	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
11387	68107	Arsenic	7.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
11400	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
11403	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11408	68107	Arsenic	28.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
11410	68107	Arsenic	9.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
11416	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
11423	68107	Arsenic	6.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
11439	68107	Arsenic	9.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
11444	68107	Arsenic	40.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
11449	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11465	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
11469	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11491	68107	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
11494	68107	Arsenic	108	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	8E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	1E-06	3E-05	**2E+00**	2E-01
11523	68107	Arsenic	5.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
11552	68107	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
11558	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
11568	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11599	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11601	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11603	68107	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
11604	68107	Arsenic	18.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
11609	68107	Arsenic	22.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
11614	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
11661	68107	Arsenic	6.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
11686	68107	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11711	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
11741	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
11754	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11765	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
11777	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11807	68107	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11829	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11842	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
11865	68107	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
11894	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11902	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
11910	68107	Arsenic	5.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
11941	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
11960	68107	Arsenic	5.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	4E-08	1E-06	8E-02	8E-03
11982	68107	Arsenic	24.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
12002	68107	Arsenic	5.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
12009	68107	Arsenic	9.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
12012	68107	Arsenic	22.2	3.00E-04	1.

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Arsenic

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD$_{ABS}$ (mg/kg-d)	DERMAL CSF$_{ABS}$ (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
12848	68107	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
12858	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
12871	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
13038	68107	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
13045	68107	Arsenic	17.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
43676	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
43691	68107	Arsenic	15.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
43698	68107	Arsenic	8.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
43703	68107	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
43711	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
43729	68107	Arsenic	18.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
43736	68107	Arsenic	9.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
43744	68107	Arsenic	6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
43746	68107	Arsenic	27.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	2E-07	8E-06	4E-01	5E-02
43771	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
43790	68107	Arsenic	8.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
43793	68107	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
43800	68107	Arsenic	46.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
43813	68107	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
43843	68107	Arsenic	5.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	1E-06	8E-02	9E-03
43853	68107	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
43869	68107	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
43874	68107	Arsenic	20.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
43892	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
43912	68107	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
43933	68107	Arsenic	7.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
43942	68107	Arsenic	9.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
43945	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
43949	68107	Arsenic	8.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
43962	68107	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
43978	68107	Arsenic	138	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
44002	68107	Arsenic	9.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
44025	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
44037	68107	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44047	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
44063	68107	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44066	68107	Arsenic	7.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44076	68107	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
44104	68107	Arsenic	7.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44107	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
44112	68107	Arsenic	9.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
44127	68107	Arsenic	78.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
44130	68107	Arsenic	114	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	8E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-02	6E-03	7E-07	3E-07	1E-06	3E-05	**2E+00**	2E-01
44133	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
44137	68107	Arsenic	30.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
44145	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
44153	68107	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
44157	68107	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
44177	68107	Arsenic	19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
44184	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44185	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
44198	68107	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44202	68107	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
44220	68107	Arsenic	8.63	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
44225	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
44233	68107	Arsenic	7.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44236	68107	Arsenic	9.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
44237	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
44248	68107	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD$_{ABS}$ (mg/kg-d)	DERMAL CSF$_{ABS}$ (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
44747	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
44753	68107	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
44755	68107	Arsenic	44.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
44756	68107	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
44768	68107	Arsenic	5.82	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
44790	68107	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
44798	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
44810	68107	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
44814	68107	Arsenic	23.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
44822	68107	Arsenic	5.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
44854	68107	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
44857	68107	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
44869	68107	Arsenic	7.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
44877	68107	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
44902	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
44923	68107	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
44927	68107	Arsenic	7.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44935	68107	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
44939	68107	Arsenic	9.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
44943	68107	Arsenic	9.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
44955	68107	Arsenic	3.23	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	6E-07	2E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	8E-09	3E-08	9E-07	5E-02	5E-03
44959	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44969	68107	Arsenic	7.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
44979	68107	Arsenic	27.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
44980	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
44984	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
44987	68107	Arsenic	21.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
44996	68107	Arsenic	9.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
45004	68107	Arsenic	9.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
45005	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
45018	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45020	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45023	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45034	68107	Arsenic	5.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
45044	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45056	68107	Arsenic	8.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
45072	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
45073	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45077	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
45078	68107	Arsenic	105	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	8E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	9E-07	3E-05	**2E+00**	2E-01
45084	68107	Arsenic	25.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
45118	68107	Arsenic	4.925	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	9E-07	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	3E-04	3E-08	1E-08	4E-08	1E-06	8E-02	8E-03
45147	68107	Arsenic	43.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
45150	68107	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
45156	68107	Arsenic	6.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
45166	68107	Arsenic	4.345	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
45167	68107	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45183	68107	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
45188	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45195	68107	Arsenic	9.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
45199	68107	Arsenic	26.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
45206	68107	Arsenic	48.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
45213	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45223	68107	Arsenic	38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
45227	68107	Arsenic	62.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	1E-01	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
45236	68107	Arsenic	5.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	1E-06	8E-02	9E-03
45244	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45259	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45265	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
45741	68107	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
45747	68107	Arsenic	6.06	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
45764	68107	Arsenic	6.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
45767	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45770	68107	Arsenic	5.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
45786	68107	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
45787	68107	Arsenic	24.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
45789	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45811	68107	Arsenic	23.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	4E-01	4E-02
45822	68107	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
45837	68107	Arsenic	4.61	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	3E-04	3E-08	1E-08	4E-08	1E-06	7E-02	8E-03
45840	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45849	68107	Arsenic	73.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
45854	68107	Arsenic	8.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
45883	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45906	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
45921	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
45923	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
45927	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
45955	68107	Arsenic	9.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
45970	68107	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
45984	68107	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
45988	68107	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
45999	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
46035	68107	Arsenic	7.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
46049	68107	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
46050	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
46052	68107	Arsenic	18.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
46071	68107	Arsenic	8.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
46073	68107	Arsenic	9.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
46091	68107	Arsenic	3.615	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
46103	68107	Arsenic	9.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
46107	68107	Arsenic	21.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
46118	68107	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
46122	68107	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
46127	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
46133	68107	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
46145	68107	Arsenic	9.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
46150	68107	Arsenic	8.87	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
46164	68107	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
46168	68107	Arsenic	149	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	1E-06	4E-07	1E-06	4E-05	**2E+00**	2E-01
46180	68107	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
46187	68107	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
46210	68107	Arsenic	5.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
46214	68107	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
46241	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
46247	68107	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
46260	68107	Arsenic	26.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
46279	68107	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	2E-01	2E-02
46297	68107	Arsenic	2.675	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	7E-09	2E-08	7E-07	4E-02	4E-03
46346	68107	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
46347	68107	Arsenic	7.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
46363	68107	Arsenic	40	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
46368	68107	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
46380	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
46399	68107	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
46423	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
46432	68107	Arsenic	7.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
46448	68107	Arsenic	2.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
46893	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
46916	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
46919	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
46934	68107	Arsenic	7.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
46954	68107	Arsenic	294	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E+00	5E-01	6E-05	2E-05	8E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	2E-02	2E-06	7E-07	3E-06	8E-05	**5E+00**	5E-01
46964	68107	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
46976	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
46994	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
46998	68107	Arsenic	4.385	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
47021	68107	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
47030	68107	Arsenic	8.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
47038	68107	Arsenic	7.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
47046	68107	Arsenic	7.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
47047	68107	Arsenic	200	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	3E-01	4E-05	1E-05	5E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	5E-07	2E-06	5E-05	**3E+00**	3E-01
47052	68107	Arsenic	22.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
47058	68107	Arsenic	102	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	7E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	9E-07	3E-05	**2E+00**	2E-01
47088	68107	Arsenic	90.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	7E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	8E-07	2E-05	1E+00	2E-01
47090	68107	Arsenic	2.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
47106	68107	Arsenic	9.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
47139	68107	Arsenic	26.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
47140	68107	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
47147	68107	Arsenic	5.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
47148	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
47149	68107	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
47163	68107	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
47172	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
47179	68107	Arsenic	7.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
47181	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
47196	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47203	68107	Arsenic	27.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	2E-07	8E-06	4E-01	5E-02
47206	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
47215	68107	Arsenic	80.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
47216	68107	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
47217	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47218	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47223	68107	Arsenic	7.63	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
47249	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47250	68107	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
47259	68107	Arsenic	8.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
47274	68107	Arsenic	6.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	5E-08	2E-06	9E-02	1E-02
47275	68107	Arsenic	9.72	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
47279	68107	Arsenic	39.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
47291	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47293	68107	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
47296	68107	Arsenic	75.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
47311	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
47312	68107	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
47315	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47320	68107	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47322	68107	Arsenic	48.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
47338	68107	Arsenic	41.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
47339	68107	Arsenic	8.99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
47356	68107	Arsenic	8.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
47368	68107	Arsenic	5.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
47380	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47382	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
47385	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
47390	68107	Arsenic	14.9	3.00E-04	1.

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
48003	68107	Arsenic	9.08	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
48006	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
48014	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
48016	68107	Arsenic	4.235	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
48018	68107	Arsenic	6.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
48036	68107	Arsenic	7.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
48043	68107	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
48048	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48056	68107	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
48092	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
48116	68107	Arsenic	9.12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
48118	68107	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
48120	68107	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
48135	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48141	68107	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48150	68107	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48167	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48232	68107	Arsenic	9.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
48245	68107	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
48261	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48271	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48292	68107	Arsenic	26.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
48308	68107	Arsenic	6.62	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
48327	68107	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
48334	68107	Arsenic	4.025	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	6E-02	7E-03
48341	68107	Arsenic	9.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
48359	68107	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
48367	68107	Arsenic	4.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	3E-04	3E-08	1E-08	4E-08	1E-06	7E-02	8E-03
48368	68107	Arsenic	5.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
48380	68107	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
48416	68107	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
48418	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48434	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48494	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48495	68107	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
48508	68107	Arsenic	52.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	8E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
48510	68107	Arsenic	16.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	5E-06	3E-01	3E-02
48525	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48547	68107	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
48553	68107	Arsenic	22.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	3E-01	4E-02
48578	68107	Arsenic	39.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	3E-07	1E-05	6E-01	6E-02
48583	68107	Arsenic	9.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
48589	68107	Arsenic	7.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
48593	68107	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
48596	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48620	68107	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
48636	68107	Arsenic	5.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
48639	68107	Arsenic	9.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
48641	68107	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
48654	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48661	68107	Arsenic	8.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
48668	68107	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
48674	68107	Arsenic	5.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
48685	68107	Arsenic	24.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
48694	68107	Arsenic	34.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	9E-06	5E-01	6E-02
48708	68107	Arsenic	21.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
48715	68107	Arsenic	4.685	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	8E-03
48721	68107	Arsenic	7.48	3.00E-04	1.50E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
50191	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50192	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50193	68107	Arsenic	7.21	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50214	68107	Arsenic	7.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
50243	68107	Arsenic	3.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
50244	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50246	68107	Arsenic	3.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	7E-07	2E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	8E-09	3E-08	9E-07	5E-02	6E-03
50249	68107	Arsenic	7.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50276	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50284	68107	Arsenic	6.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50286	68107	Arsenic	7.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50292	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50293	68107	Arsenic	6.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50294	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50299	68107	Arsenic	5.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
50300	68107	Arsenic	7.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50313	68107	Arsenic	6.69	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50325	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50326	68107	Arsenic	5.32	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
50335	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50359	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50360	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50361	68107	Arsenic	5.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	1E-06	8E-02	9E-03
50362	68107	Arsenic	5.12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	8E-03
50537	68107	Arsenic	4.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	3E-04	3E-08	1E-08	4E-08	1E-06	7E-02	8E-03
76891	68107	Arsenic	7.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
89377	68107	Arsenic	2.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	7E-09	2E-08	7E-07	4E-02	4E-03
89408	68107	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
2170	68108	Arsenic	8.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
2518	68108	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
2521	68108	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2522	68108	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
2527	68108	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2532	68108	Arsenic	82.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
5225	68108	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
5227	68108	Arsenic	8.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
5229	68108	Arsenic	5.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
5284	68108	Arsenic	8.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
5300	68108	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
5304	68108	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
5306	68108	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
5332	68108	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5387	68108	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
5390	68108	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
5394	68108	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
5395	68108	Arsenic	19.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
5398	68108	Arsenic	18.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
5403	68108	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
5407	68108	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
5408	68108	Arsenic	55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	1E-05	8E-01	9E-02
5409	68108	Arsenic	3.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	7E-07	3E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	5E-02	6E-03
5416	68108	Arsenic	25.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
5418	68108	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
5422	68108	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
5425	68108	Arsenic	39.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
5426	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5427	68108	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
5429	68108	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5431	68108	Arsenic	18.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD$_{ABS}$ (mg/kg-d)	DERMAL CSF$_{ABS}$ (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
14043	68108	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14076	68108	Arsenic	3.475	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	7E-07	2E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	9E-07	5E-02	6E-03
14079	68108	Arsenic	9.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
14130	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14140	68108	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14203	68108	Arsenic	8.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
14270	68108	Arsenic	7.49	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
14279	68108	Arsenic	6.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
14290	68108	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
14438	68108	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
14449	68108	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14481	68108	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
14486	68108	Arsenic	21.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
14497	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14537	68108	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
14545	68108	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
14576	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14578	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14617	68108	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
14660	68108	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
14692	68108	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
14720	68108	Arsenic	9.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
14818	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
14825	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14849	68108	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
14855	68108	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
14878	68108	Arsenic	8.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
14914	68108	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
14998	68108	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15001	68108	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15051	68108	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
15053	68108	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15116	68108	Arsenic	7.24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
15135	68108	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15248	68108	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
15256	68108	Arsenic	6.69	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
15266	68108	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
15337	68108	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15443	68108	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15468	68108	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15601	68108	Arsenic	9.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
15603	68108	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
15687	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15748	68108	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
15768	68108	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
15915	68108	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15939	68108	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
15955	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
15966	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
15980	68108	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
16006	68108	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
16126	68108	Arsenic	9.41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
16135	68108	Arsenic	6.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
16137	68108	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
16145	68108	Arsenic	5.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	4E-08	1E-06	8E-02	8E-03
16261	68108	Arsenic	9.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
16267	68108	Arsenic	8.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
16319	68108	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
16349	68108	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo ($mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
18222	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18249	68108	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18328	68108	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
18330	68108	Arsenic	20.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
18339	68108	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18385	68108	Arsenic	32.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
18422	68108	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
18435	68108	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
18461	68108	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
18486	68108	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
18532	68108	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18547	68108	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
18597	68108	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18634	68108	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
18664	68108	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
18687	68108	Arsenic	16.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
18691	68108	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
18697	68108	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
18712	68108	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
18718	68108	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18749	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18800	68108	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
18802	68108	Arsenic	8.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
18833	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18890	68108	Arsenic	34.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	7E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	6E-02
18903	68108	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
18943	68108	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
18968	68108	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
18988	68108	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
19030	68108	Arsenic	9.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
19116	68108	Arsenic	27.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
19126	68108	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
19153	68108	Arsenic	27.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	5E-02
19190	68108	Arsenic	34.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	9E-06	5E-01	6E-02
19343	68108	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
19371	68108	Arsenic	7.89	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
19373	68108	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
19417	68108	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
19440	68108	Arsenic	17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
19444	68108	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
19474	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
19640	68108	Arsenic	3.255	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	6E-07	2E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	8E-09	3E-08	9E-07	5E-02	5E-03
19660	68108	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
19680	68108	Arsenic	7.98	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
19792	68108	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
19875	68108	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
19920	68108	Arsenic	49.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	9E-01	8E-02
19988	68108	Arsenic	2.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	6E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
20044	68108	Arsenic	34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	7E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	6E-02
20137	68108	Arsenic	6.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
20149	68108	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
20168	68108	Arsenic	29.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
20169	68108	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
20244	68108	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
20285	68108	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
20287	68108	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
20344	68108	Arsenic	4.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
20367	68108	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
20464	68108	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
5551	68110	Arsenic	31.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
5559	68110	Arsenic	23.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	4E-01	4E-02
5560	68110	Arsenic	21.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
5561	68110	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
5563	68110	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5565	68110	Arsenic	15.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
5566	68110	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
5612	68110	Arsenic	26.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
5614	68110	Arsenic	18.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
5641	68110	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5650	68110	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
5651	68110	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26122	68110	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26133	68110	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26234	68110	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
26341	68110	Arsenic	9.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
26410	68110	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
26447	68110	Arsenic	5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	4E-08	1E-06	8E-02	8E-03
26465	68110	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
26527	68110	Arsenic	7.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
26550	68110	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26762	68110	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
27034	68110	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
27069	68110	Arsenic	42.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
27291	68110	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
27435	68110	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
27589	68110	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
27592	68110	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
27683	68110	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
27704	68110	Arsenic	22.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
27756	68110	Arsenic	18.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
27815	68110	Arsenic	6.28	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
27822	68110	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
27826	68110	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
27840	68110	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
27844	68110	Arsenic	8.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
27884	68110	Arsenic	17.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
27907	68110	Arsenic	36.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
27927	68110	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
27984	68110	Arsenic	32.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
28074	68110	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28075	68110	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
28120	68110	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
28167	68110	Arsenic	6.75	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
28226	68110	Arsenic	4.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
28335	68110	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
28360	68110	Arsenic	29.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
28404	68110	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
28421	68110	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
28455	68110	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
28501	68110	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
28550	68110	Arsenic	9.11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
28591	68110	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
28647	68110	Arsenic	41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
28670	68110	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28711	68110	Arsenic	22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
28717	68110	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
28726	68110	Arsenic	44.4	3.00E-04

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo ($mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
30422	68110	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30443	68110	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
30469	68110	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
30470	68110	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30500	68110	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30551	68110	Arsenic	19.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
30556	68110	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
30566	68110	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
30575	68110	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
30633	68110	Arsenic	19.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
30651	68110	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
30688	68110	Arsenic	3.985	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	6E-02	7E-03
30705	68110	Arsenic	16.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
30786	68110	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
30803	68110	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
30870	68110	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30954	68110	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
30980	68110	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31097	68110	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
31153	68110	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
31174	68110	Arsenic	16.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	5E-06	3E-01	3E-02
31223	68110	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
31231	68110	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
31350	68110	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31401	68110	Arsenic	18.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
31568	68110	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31645	68110	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
31757	68110	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31760	68110	Arsenic	3.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	7E-07	3E-07	9E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	5E-02	6E-03
31814	68110	Arsenic	29.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
31832	68110	Arsenic	9.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
31959	68110	Arsenic	6.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
32019	68110	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32039	68110	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
32043	68110	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32063	68110	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
32214	68110	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32373	68110	Arsenic	29.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	5E-01	5E-02
32484	68110	Arsenic	19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
32508	68110	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32529	68110	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32536	68110	Arsenic	7.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
32570	68110	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
32645	68110	Arsenic	20.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
32707	68110	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
32727	68110	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
32733	68110	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
32734	68110	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
32875	68110	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
32903	68110	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
32915	68110	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32927	68110	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32996	68110	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
33078	68110	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
33084	68110	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
33280	68110	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
33421	68110	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
33468	68110	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
33472	68110	Arsenic	6.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
36189	68110	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
37075	68110	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
37434	68110	Arsenic	23.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	4E-01	4E-02
37456	68110	Arsenic	21.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
37525	68110	Arsenic	35.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
37674	68110	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
37821	68110	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38725	68110	Arsenic	36.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
38863	68110	Arsenic	47.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
39142	68110	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
39271	68110	Arsenic	9.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
39434	68110	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
39572	68110	Arsenic	231	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	4E-01	4E-05	2E-05	6E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	6E-07	2E-06	6E-05	**4E+00**	4E-01
55636	68110	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
74149	68110	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
79377	68110	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
81398	68110	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
81400	68110	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
87991	68110	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
90908	68110	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
91449	68110	Arsenic	2.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	5E-07	2E-07	8E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	2E-04	2E-08	7E-09	3E-08	8E-07	4E-02	5E-03
92501	68110	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
92675	68110	Arsenic	8.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
93337	68110	Arsenic	8.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
93338	68110	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
93342	68110	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
93344	68110	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
93345	68110	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
2035	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
2075	68111	Arsenic	32.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
2103	68111	Arsenic	6.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
2109	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2118	68111	Arsenic	2.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	2E-04	2E-08	7E-09	2E-08	8E-07	4E-02	5E-03
2121	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2126	68111	Arsenic	9.12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
2154	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
2179	68111	Arsenic	42.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
2216	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2226	68111	Arsenic	9.59	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
2231	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
2262	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
2365	68111	Arsenic	9.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
2425	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
2565	68111	Arsenic	8.01	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
3046	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
3051	68111	Arsenic	8.13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
3058	68111	Arsenic	63.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
3091	68111	Arsenic	435	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E+00	7E-01	8E-05	3E-05	1E-04	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-01	2E-02	3E-06	1E-06	4E-06	1E-04	**7E+00**	7E-01
3133	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
3151	68111	Arsenic	5.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
5013	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
5085	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5170	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
5171	68111	Arsenic	7.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
5204	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5206	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5208	68111	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5215	68111	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
5221	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
26135	68111	Arsenic	5.15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
26142	68111	Arsenic	6.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
26149	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
26160	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26164	68111	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
26191	68111	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26199	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
26202	68111	Arsenic	5.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
26204	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
26211	68111	Arsenic	9.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
26215	68111	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
26228	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26229	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26231	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
26249	68111	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
26257	68111	Arsenic	7.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
26263	68111	Arsenic	222	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	4E-01	4E-05	2E-05	6E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	5E-07	2E-06	6E-05	**3E+00**	4E-01
26288	68111	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
26289	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26290	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26295	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26303	68111	Arsenic	9.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	1E-02
26327	68111	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26372	68111	Arsenic	513	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E+00	8E-01	1E-04	4E-05	1E-04	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-01	3E-02	3E-06	1E-06	5E-06	1E-04	**8E+00**	8E-01
26428	68111	Arsenic	26.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
26456	68111	Arsenic	191	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	3E-01	4E-05	1E-05	5E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	5E-07	2E-06	5E-05	**3E+00**	3E-01
26459	68111	Arsenic	37.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
26480	68111	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
26485	68111	Arsenic	9.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
26514	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26518	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26543	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
26570	68111	Arsenic	48.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
26604	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
26653	68111	Arsenic	22.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
26663	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
26665	68111	Arsenic	8.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
26682	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26695	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26716	68111	Arsenic	8.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
26742	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26757	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26759	68111	Arsenic	3.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	3E-08	1E-06	6E-02	6E-03
26772	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
26779	68111	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
26783	68111	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
26834	68111	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26844	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
26858	68111	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
26865	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26868	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
26869	68111	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
26877	68111	Arsenic	55.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	9E-02
26891	68111	Arsenic	6.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
26948	68111	Arsenic	49.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	8E-01	8E-02
26955	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
26967	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26996	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
26997	68111	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
27630	68111	Arsenic	8.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
27632	68111	Arsenic	8.81	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
27658	68111	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
27718	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
27734	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
27739	68111	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
27742	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
27764	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
27768	68111	Arsenic	6.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
27780	68111	Arsenic	31.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
27854	68111	Arsenic	7.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
27859	68111	Arsenic	9.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
27885	68111	Arsenic	35.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
27886	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
27913	68111	Arsenic	5.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
27920	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
27924	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
27939	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
27962	68111	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
28004	68111	Arsenic	22.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	4E-01	4E-02
28011	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
28019	68111	Arsenic	107	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	8E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	1E-06	3E-05	**2E+00**	2E-01
28020	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
28022	68111	Arsenic	7.32	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
28045	68111	Arsenic	5.75	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
28065	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
28072	68111	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
28105	68111	Arsenic	8.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
28108	68111	Arsenic	8.81	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
28144	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
28148	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
28154	68111	Arsenic	4.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
28157	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28185	68111	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
28186	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28188	68111	Arsenic	5.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
28218	68111	Arsenic	7.37	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
28222	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28273	68111	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28284	68111	Arsenic	23.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
28329	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28338	68111	Arsenic	6.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
28375	68111	Arsenic	18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
28377	68111	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
28417	68111	Arsenic	18.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
28423	68111	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
28434	68111	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
28518	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
28544	68111	Arsenic	7.87	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
28558	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
28561	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
28573	68111	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
28611	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28612	68111	Arsenic	6.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
28618	68111	Arsenic	5.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
28623	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28625	68111	Arsenic	9.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
28648	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
28661	68111	Arsenic	8.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
29274	68111	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
29285	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29328	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29343	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29354	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29358	68111	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29386	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
29409	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29431	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29432	68111	Arsenic	8.21	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
29445	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
29469	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29499	68111	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
29552	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29558	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29578	68111	Arsenic	7.15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
29608	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29625	68111	Arsenic	8.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
29633	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29671	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29678	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29683	68111	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
29684	68111	Arsenic	20.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
29689	68111	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29717	68111	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
29777	68111	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29792	68111	Arsenic	7.82	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
29806	68111	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
29818	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
29824	68111	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29826	68111	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	1E-07	5E-06	3E-01	3E-02
29881	68111	Arsenic	82.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	5E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
29889	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29910	68111	Arsenic	39.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
29912	68111	Arsenic	9.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
29927	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29953	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
29974	68111	Arsenic	20.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
29978	68111	Arsenic	9.63	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
29991	68111	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
29993	68111	Arsenic	66.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	4E-03	4E-07	2E-07	6E-07	2E-05	1E+00	1E-01
30012	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
30045	68111	Arsenic	81	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
30050	68111	Arsenic	8.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
30068	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
30078	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30081	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
30123	68111	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
30130	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30133	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
30161	68111	Arsenic	6.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
30169	68111	Arsenic	7.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
30171	68111	Arsenic	8.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
30177	68111	Arsenic	4.195	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	6E-02	7E-03
30182	68111	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
30201	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
30220	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
30225	68111	Arsenic	14	3.00E-04	1.50E+00

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
31076	68111	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
31081	68111	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31102	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31104	68111	Arsenic	28.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
31120	68111	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
31129	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31131	68111	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31141	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
31145	68111	Arsenic	23.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	4E-01	4E-02
31163	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
31171	68111	Arsenic	9.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
31176	68111	Arsenic	8.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31186	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
31189	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
31192	68111	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31206	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
31229	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
31237	68111	Arsenic	33.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	6E-02
31262	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
31300	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31303	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31316	68111	Arsenic	25.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
31357	68111	Arsenic	6.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
31360	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31361	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31362	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31365	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31366	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31377	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31398	68111	Arsenic	9.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
31408	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
31433	68111	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31442	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31444	68111	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
31457	68111	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
31478	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
31517	68111	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31583	68111	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31603	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
31607	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
31615	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31695	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
31698	68111	Arsenic	42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
31733	68111	Arsenic	7.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
31740	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31799	68111	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
31803	68111	Arsenic	8.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
31823	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31850	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
31853	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
31854	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
31858	68111	Arsenic	27.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	5E-02
31868	68111	Arsenic	7.66	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
31871	68111	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
31882	68111	Arsenic	85.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	5E-03	5E-07	2E-07	8E-07	2E-05	1E+00	1E-01
31887	68111	Arsenic	4.445	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
31896	68111	Arsenic	7.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
31899	68111	Arsenic	9.98	3.00

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
32539	68111	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
32547	68111	Arsenic	9.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
32562	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32581	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
32596	68111	Arsenic	8.24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
32633	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32673	68111	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
32678	68111	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
32686	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
32696	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32702	68111	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32708	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
32736	68111	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
32775	68111	Arsenic	16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
32779	68111	Arsenic	9.26	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
32780	68111	Arsenic	104	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	7E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	9E-07	3E-05	**2E+00**	2E-01
32783	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
32818	68111	Arsenic	79.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
32847	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32851	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
32852	68111	Arsenic	5.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
32874	68111	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
32876	68111	Arsenic	8.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
32891	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
32896	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
32912	68111	Arsenic	6.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
32914	68111	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
32931	68111	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
32940	68111	Arsenic	7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
32949	68111	Arsenic	88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	5E-03	6E-07	2E-07	8E-07	2E-05	1E+00	1E-01
32968	68111	Arsenic	9.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	2E-01	2E-02
32972	68111	Arsenic	77.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	7E-07	2E-05	1E+00	1E-01
32973	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
32974	68111	Arsenic	9.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
32989	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
32992	68111	Arsenic	29.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
33009	68111	Arsenic	8.62	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
33012	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33014	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
33036	68111	Arsenic	6.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
33037	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33042	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33043	68111	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33060	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
33062	68111	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
33120	68111	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
33177	68111	Arsenic	8.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
33207	68111	Arsenic	22.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	3E-01	4E-02
33296	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33314	68111	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
33317	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	2E-01	2E-02
33350	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33372	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
33392	68111	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
33453	68111	Arsenic	31.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
33456	68111	Arsenic	8.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
33480	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
33492	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
33600	68111	Arsenic	27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
34478	68111	Arsenic	8.41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
34503	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
34560	68111	Arsenic	59.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	1E-01	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	1E-01
34562	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
34595	68111	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
34621	68111	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
34626	68111	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
34639	68111	Arsenic	9.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
34663	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
34669	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
34691	68111	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
34703	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
34766	68111	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
34778	68111	Arsenic	6.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
34888	68111	Arsenic	26.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
34892	68111	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
34904	68111	Arsenic	9.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
34917	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
34923	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
34936	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
34948	68111	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
34953	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
34985	68111	Arsenic	44.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
34993	68111	Arsenic	124	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	9E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-02	7E-03	8E-07	3E-07	1E-06	3E-05	**2E+00**	2E-01
34999	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35003	68111	Arsenic	18.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
35014	68111	Arsenic	8.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
35042	68111	Arsenic	2.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	7E-09	2E-08	7E-07	4E-02	4E-03
35043	68111	Arsenic	4.535	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	9E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
35059	68111	Arsenic	9.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
35072	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35095	68111	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	8E-08	2E-06	1E-01	1E-02
35137	68111	Arsenic	8.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
35152	68111	Arsenic	6.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
35223	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
35233	68111	Arsenic	28.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
35242	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
35252	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35273	68111	Arsenic	94.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	2E-05	7E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	6E-07	2E-07	8E-07	3E-05	1E+00	2E-01
35285	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35287	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35288	68111	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
35290	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35350	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
35404	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35417	68111	Arsenic	35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
35458	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35495	68111	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35503	68111	Arsenic	6.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
35513	68111	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35517	68111	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
35536	68111	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35575	68111	Arsenic	21.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
35614	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35619	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
35786	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
35822	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
35822	68111	Arsenic	21.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
35826	68111	Arsenic	7.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.

Central Tendency Exposure - Arsenic

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
37097	68111	Arsenic	126	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	9E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-02	7E-03	8E-07	3E-07	1E-06	3E-05	2E+00	2E-01
37156	68111	Arsenic	6.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
37189	68111	Arsenic	32.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
37193	68111	Arsenic	6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
37210	68111	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
37219	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
37223	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
37226	68111	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
37276	68111	Arsenic	19.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
37361	68111	Arsenic	5.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
37402	68111	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
37465	68111	Arsenic	4.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	3E-04	3E-08	1E-08	4E-08	1E-06	8E-02	8E-03
37470	68111	Arsenic	9.01	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
37684	68111	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
37738	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
37756	68111	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
37907	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
37934	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	3E-01	3E-02
38007	68111	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
38054	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
38066	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38087	68111	Arsenic	7.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
38202	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
38210	68111	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38253	68111	Arsenic	8.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
38261	68111	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
38269	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
38300	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38363	68111	Arsenic	7.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
38383	68111	Arsenic	6.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
38407	68111	Arsenic	39.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	6E-01	7E-02
38439	68111	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	6E-08	2E-08	9E-08	3E-06	1E-01	1E-02
38446	68111	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
38449	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38527	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
38585	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38587	68111	Arsenic	59.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	1E-01	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	1E-01
38721	68111	Arsenic	23.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
38724	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
38759	68111	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
38780	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
38864	68111	Arsenic	7.06	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
49203	68111	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
49313	68111	Arsenic	9.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
49314	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
49319	68111	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	2E-02
49341	68111	Arsenic	6.75	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
49345	68111	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
49354	68111	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
50024	68111	Arsenic	8.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
50049	68111	Arsenic	6.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50080	68111	Arsenic	3.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
50105	68111	Arsenic	6.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
50107	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
50120	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
50146	68111	Arsenic	5.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
50356	68111	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
50404	68111	Arsenic	2.5	3.00E-04

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
23093	68131	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
23144	68131	Arsenic	59.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	1E-01
23145	68131	Arsenic	45.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
23150	68131	Arsenic	22.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	6E-08	2E-07	6E-06	3E-01	4E-02
23153	68131	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
23211	68131	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
23237	68131	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23274	68131	Arsenic	87.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	2E-05	6E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	5E-03	6E-07	2E-07	8E-07	2E-05	1E+00	1E-01
23280	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
23301	68131	Arsenic	5.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
23338	68131	Arsenic	8.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
23344	68131	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
23379	68131	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23399	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23425	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
23433	68131	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
23442	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23460	68131	Arsenic	9.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
23502	68131	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23512	68131	Arsenic	25.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
23532	68131	Arsenic	9.29	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
23537	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
23539	68131	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
23577	68131	Arsenic	3.89	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	5E-08	1E-06	6E-02	6E-03
23580	68131	Arsenic	138	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	9E-07	3E-07	1E-06	4E-05	**2E+00**	2E-01
23584	68131	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23586	68131	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23611	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23634	68131	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
23673	68131	Arsenic	5.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
23675	68131	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23700	68131	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
23742	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23786	68131	Arsenic	23.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
23788	68131	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23790	68131	Arsenic	38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
23817	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
23822	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
23824	68131	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
23845	68131	Arsenic	5.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
23872	68131	Arsenic	17.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
23895	68131	Arsenic	7.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
23899	68131	Arsenic	5.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
23922	68131	Arsenic	6.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
23930	68131	Arsenic	9.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
23961	68131	Arsenic	6.17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	5E-08	2E-06	9E-02	1E-02
23967	68131	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
23968	68131	Arsenic	31.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	8E-06	5E-01	5E-02
23985	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
23986	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
24000	68131	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
24010	68131	Arsenic	18.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
24019	68131	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	2E-08	9E-08	3E-06	2E-01	2E-02
24027	68131	Arsenic	109	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	8E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	3E-07	1E-06	3E-05	**2E+00**	2E-01
24098	68131	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
24109	68131	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
24119	68131	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
24126	68131	Arsenic	8.7	3.00E-04

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo ($mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} ($mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
25009	68131	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25061	68131	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	5E-06	3E-01	3E-02
25063	68131	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25078	68131	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
25096	68131	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25130	68131	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25133	68131	Arsenic	9.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
25137	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25167	68131	Arsenic	5.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
25185	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
25189	68131	Arsenic	44.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
25193	68131	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25202	68131	Arsenic	4.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
25204	68131	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25231	68131	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	9E-04	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
25242	68131	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
25281	68131	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
25285	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25296	68131	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25315	68131	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
25324	68131	Arsenic	7.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
25329	68131	Arsenic	24.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
25331	68131	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
25335	68131	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25337	68131	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25385	68131	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25391	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25410	68131	Arsenic	7.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
25425	68131	Arsenic	235	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E+00	4E-01	5E-05	2E-05	6E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	2E-06	6E-07	2E-06	6E-05	**4E+00**	4E-01
25456	68131	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25547	68131	Arsenic	8.66	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
25554	68131	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
25558	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
25579	68131	Arsenic	9.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
25604	68131	Arsenic	8.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
25607	68131	Arsenic	8.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
25634	68131	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
25657	68131	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
50446	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	4E-06	2E-01	2E-02
89514	68131	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
93114	68131	Arsenic	382	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E+00	6E-01	7E-05	3E-05	1E-04	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-01	2E-02	2E-06	9E-07	3E-06	1E-04	**6E+00**	6E-01
93413	68131	Arsenic	5.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
93419	68131	Arsenic	46.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
5139	68132	Arsenic	6.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
5140	68132	Arsenic	6.29	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
5317	68132	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	4E-08	1E-07	4E-06	2E-01	2E-02
5317	68132	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
49490	68132	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
49500	68132	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	5E-06	3E-01	3E-02
49505	68132	Arsenic	95.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	2E-05	7E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	5E-03	6E-07	2E-07	9E-07	3E-05	1E+00	2E-01
49521	68132	Arsenic	23.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
49544	68132	Arsenic	9.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
49558	68132	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
49578	68132	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
49618	68132	Arsenic	9.11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	2E-02
49625	68132	Arsenic	28.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	6E-06	2E-06	8E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	2E-03	2E-07	7E-08	3E-07	8E-06	4E-01	5E-02
49627	68132	Arsenic	4.415	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	7E-02	7E-03
49628	68132	Arsenic	11.8	3.00E-04	1.50E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
49958	68132	Arsenic	5.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
49961	68132	Arsenic	18.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
49971	68132	Arsenic	9.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	3E-06	1E-01	2E-02
49974	68132	Arsenic	21.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
49986	68132	Arsenic	57.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	9E-02
49994	68132	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
49995	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
50479	68132	Arsenic	16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	9E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
50484	68132	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
50485	68132	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
50536	68132	Arsenic	38.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
51190	68132	Arsenic	54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
51214	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51217	68132	Arsenic	9.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
51225	68132	Arsenic	3.99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	8E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	3E-08	1E-08	4E-08	1E-06	6E-02	7E-03
51228	68132	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
51234	68132	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51256	68132	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	5E-07	2E-07	7E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-03	1E-04	2E-08	6E-09	2E-08	7E-07	4E-02	4E-03
51263	68132	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
51270	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51278	68132	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51280	68132	Arsenic	3.645	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	7E-07	3E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-03	2E-04	2E-08	9E-09	3E-08	1E-06	6E-02	6E-03
51327	68132	Arsenic	44.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
51349	68132	Arsenic	0.4815	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	9E-08	3E-08	1E-07	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-04	3E-05	3E-09	1E-09	4E-09	1E-07	7E-03	8E-04
51361	68132	Arsenic	5.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
51369	68132	Arsenic	57.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	1E-05	4E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	4E-07	1E-07	5E-07	2E-05	9E-01	9E-02
51381	68132	Arsenic	50.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	4E-07	1E-05	8E-01	8E-02
51391	68132	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	1E-01	2E-02
51392	68132	Arsenic	5.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	1E-06	4E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	1E-02
51394	68132	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
51401	68132	Arsenic	166	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	3E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-02	9E-03	1E-06	4E-07	1E-06	5E-05	**3E+00**	3E-01
51412	68132	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
51437	68132	Arsenic	177	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	3E-01	3E-05	1E-05	5E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-02	1E-02	1E-06	4E-07	2E-06	5E-05	**3E+00**	3E-01
51440	68132	Arsenic	7.96	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
51457	68132	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51483	68132	Arsenic	37.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
51492	68132	Arsenic	5.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
51504	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51512	68132	Arsenic	47.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	9E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	7E-01	8E-02
51519	68132	Arsenic	6.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
51525	68132	Arsenic	6.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
51544	68132	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51546	68132	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
51551	68132	Arsenic	22.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	4E-02
51569	68132	Arsenic	44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
51587	68132	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51588	68132	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51598	68132	Arsenic	200	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	3E-01	4E-05	1E-05	5E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	1E-02	1E-06	5E-07	2E-06	5E-05	**3E+00**	3E-01
51600	68132	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51607	68132	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
51630	68132	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
51640	68132	Arsenic	23.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
51645	68132	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
51646	68132	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
51659	68132	Arsenic	38.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-01	6E-02	7E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	6E-01	6E-02
51667	68132	Arsenic	32.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	6E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	5E-02
51671	68132	Arsenic	8.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
51676	68132	Arsenic	15.4	3.00E-04	1.50E+00

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo $(mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	NONCANCER RME Child	NONCANCER RME Adult	CANCER CTE Child	CANCER CTE Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
52078	68132	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52080	68132	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52085	68132	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52090	68132	Arsenic	147	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	3E-05	1E-05	4E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-02	8E-03	9E-07	4E-07	1E-06	4E-05	**2E+00**	2E-01
52091	68132	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52097	68132	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	8E-03	8E-04	1E-07	4E-08	1E-07	4E-06	2E-01	3E-02
52101	68132	Arsenic	20.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	6E-06	3E-01	3E-02
52106	68132	Arsenic	53.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-02	3E-03	3E-07	1E-07	5E-07	1E-05	8E-01	9E-02
52112	68132	Arsenic	34.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	7E-06	2E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	8E-08	3E-07	9E-06	5E-01	6E-02
52119	68132	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
52122	68132	Arsenic	49.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	8E-02	1E-05	4E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	3E-03	3E-07	1E-07	4E-07	1E-05	8E-01	8E-02
52128	68132	Arsenic	72.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	1E-05	5E-06	2E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-02	4E-03	5E-07	2E-07	6E-07	2E-05	1E+00	1E-01
52129	68132	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
52137	68132	Arsenic	5.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	3E-08	1E-08	5E-08	1E-06	8E-02	9E-03
52140	68132	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
52141	68132	Arsenic	23.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
52150	68132	Arsenic	101	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	7E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-02	6E-03	7E-07	2E-07	9E-07	3E-05	**2E+00**	2E-01
52155	68132	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52158	68132	Arsenic	27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	7E-08	2E-07	7E-06	4E-01	4E-02
52166	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52167	68132	Arsenic	7.41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
52177	68132	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
52178	68132	Arsenic	125	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	2E-05	9E-06	3E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-02	7E-03	8E-07	3E-07	1E-06	3E-05	**2E+00**	2E-01
52181	68132	Arsenic	9.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
52186	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52187	68132	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	3E-06	1E-06	4E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	8E-04	9E-08	3E-08	1E-07	4E-06	2E-01	2E-02
52190	68132	Arsenic	7.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
52192	68132	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
52198	68132	Arsenic	19.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	4E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	1E-07	5E-08	2E-07	5E-06	3E-01	3E-02
52202	68132	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	3E-06	1E-06	5E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	9E-03	1E-03	1E-07	4E-08	2E-07	5E-06	3E-01	3E-02
52206	68132	Arsenic	25.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	5E-06	2E-06	7E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	7E-06	4E-01	4E-02
52214	68132	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
52226	68132	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
52228	68132	Arsenic	7.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	4E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
52243	68132	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	7E-03	7E-04	8E-08	3E-08	1E-07	4E-06	2E-01	2E-02
52244	68132	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	9E-08	3E-06	2E-01	2E-02
52246	68132	Arsenic	43.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	8E-06	3E-06	1E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	3E-07	1E-07	4E-07	1E-05	7E-01	7E-02
52327	68132	Arsenic	6.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	5E-08	2E-08	6E-08	2E-06	1E-01	1E-02
52336	68132	Arsenic	283	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E+00	5E-01	5E-05	2E-05	7E-05	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-01	2E-02	2E-06	7E-07	3E-06	8E-05	**4E+00**	5E-01
52356	68132	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	9E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	7E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52357	68132	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	6E-04	7E-08	3E-08	1E-07	3E-06	2E-01	2E-02
52367	68132	Arsenic	35.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	6E-02	7E-06	3E-06	9E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	2E-02	2E-03	2E-07	9E-08	3E-07	1E-05	5E-01	6E-02
52378	68132	Arsenic	9.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02
52386	68132	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	6E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	4E-03	5E-04	5E-08	2E-08	7E-08	2E-06	1E-01	1E-02
52387	68132	Arsenic	9.13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	2E-06	7E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	8E-08	2E-06	1E-01	1E-02
52411	68132	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-02	2E-06	8E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	6E-03	6E-04	8E-08	3E-08	1E-07	3E-06	2E-01	2E-02
63007	68132	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	1E-06	4E-07	1E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	3E-04	4E-08	1E-08	5E-08	2E-06	9E-02	9E-03
66781	68132	Arsenic	23.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	4E-06	2E-06	6E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	1E-02	1E-03	2E-07	6E-08	2E-07	6E-06	4E-01	4E-02
66791	68132	Arsenic	6.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	1E-06	5E-07	2E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	3E-03	4E-04	4E-08	2E-08	6E-08	2E-06	1E-01	1E-02
92431	68132	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	2E-06	7E-07	3E-06	5.01E-06	5.47E-07	3.58E-05	5.47E-06	1.43E-07	5.47E-08	3.07E-06	1.87E-06	5E-03	5E-04	6E-08	2E-08	9E-08	3E-06	2E-01	2E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22493	68102	Cadmium	3.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
25567	68102	Cadmium	1.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
25717	68102	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
25720	68102	Cadmium	3.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
25914	68102	Cadmium	0.819	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
90101	68102	Cadmium	4.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
2133	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5026	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5143	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5144	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5145	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5147	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50647	68104	Cadmium	0.747	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
1626	68105	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
2229	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2299	68105	Cadmium	0.879	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
2300	68105	Cadmium	0.764	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
2308	68105	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
2441	68105	Cadmium	3.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
2448	68105	Cadmium	0.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
2465	68105	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
3076	68105	Cadmium	0.595	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
3118	68105	Cadmium	0.549	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5054	68105	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5057	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5105	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5109	68105	Cadmium	1.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5110	68105	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5112	68105	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5117	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5123	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5128	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5129	68105	Cadmium	2.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
5132	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5134	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5325	68105	Cadmium	0.93	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
5338	68105	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5347	68105	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5351	68105	Cadmium	0.128	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-05	3E-06	--	--	--	--	6E-04	6E-05
5352	68105	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5355	68105	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5356	68105	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5357	68105	Cadmium	1.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5359	68105	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5361	68105	Cadmium	0.672	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5363	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5364	68105	Cadmium	4.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
5365	68105	Cadmium	0.883	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5367	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5486	68105	Cadmium	0.829	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5488	68105	Cadmium	0.697	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
5489	68105	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5495	68105	Cadmium	1.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5509	68105	Cadmium	0.698	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
5610	68105	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
12784	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12864	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
12875	68105	Cadmium	0.435	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
12886	68105	Cadmium	0.866	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
12964	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12995	68105	Cadmium	3.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
13069	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13073	68105	Cadmium	0.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
13092	68105	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
13166	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13185	68105	Cadmium	0.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
13187	68105	Cadmium	2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
13191	68105	Cadmium	1.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
13204	68105	Cadmium	3.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
13209	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13237	68105	Cadmium	0.775	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
13240	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13245	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13248	68105	Cadmium	0.595	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
13273	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
13283	68105	Cadmium	0.2525	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
13322	68105	Cadmium	1.57975	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
13336	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
13370	68105	Cadmium	0.3285	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
13381	68105	Cadmium	3.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
13389	68105	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
13403	68105	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
13437	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13438	68105	Cadmium	0.257	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13577	68105	Cadmium	2.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
13611	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13656	68105	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
13690	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13731	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
13735	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13741	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
13745	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
13779	68105	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
13790	68105	Cadmium	0.275	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
13791	68105	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
13793	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13851	68105	Cadmium	0.283	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
13863	68105	Cadmium	3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
13869	68105	Cadmium	0.2805	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
13871	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13880	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
13918	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13919	68105	Cadmium	0.301	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
13935	68105	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
13984	68105	Cadmium	2.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
14003	68105	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
14024	68105	Cadmium	2.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
14050	68105	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
14063	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14080	68105	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
14098	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14199	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14238	68105	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
14322	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14326	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14341	68105	Cadmium	0.3245	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
14407	68105	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
14410	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14460	68105	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
14492	68105	Cadmium	0.272	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
14525	68105	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
14528	68105	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
14536	68105	Cadmium	0.665	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
14544	68105	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
14556	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14557	68105	Cadmium	0.251	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
14577	68105	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
14602	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
14647	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
14656	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
14688	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14718	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14739	68105	Cadmium	0.2745	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
14752	68105	Cadmium	3.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
14780	68105	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
14817	68105	Cadmium	0.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
14823	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14860	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14885	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14913	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14959	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14964	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
14976	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
14992	68105	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
15003	68105	Cadmium	1.745	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
15044	68105	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
15045	68105	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
15058	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
15060	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15091	68105	Cadmium	3.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
15106	68105	Cadmium	2.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
15166	68105	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
15227	68105	Cadmium	0.472	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
15231	68105	Cadmium	0.2735	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
15255	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15278	68105	Cadmium	0.558	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
15279	68105	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
15292	68105	Cadmium	0.2935	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
15299	68105	Cadmium	0.262	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
15308	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
15317	68105	Cadmium	0.2905	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
15329	68105	Cadmium	0.403	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
15336	68105	Cadmium	0.2435	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
15348	68105	Cadmium	3.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
15363	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15372	68105	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
15416	68105	Cadmium	3.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
15496	68105	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15587	68105	Cadmium	0.505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15611	68105	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
15651	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15686	68105	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
15695	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15728	68105	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
15801	68105	Cadmium	4.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
15835	68105	Cadmium	0.715	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
15842	68105	Cadmium	2.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
15871	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15891	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
15918	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15959	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15985	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
15988	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
16027	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16072	68105	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
16094	68105	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
16098	68105	Cadmium	2.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
16123	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
16155	68105	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
16169	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16182	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16186	68105	Cadmium	0.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
16230	68105	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
16236	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16243	68105	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
16271	68105	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
16308	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
16309	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16321	68105	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
16333	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16364	68105	Cadmium	0.724	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
16365	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
16384	68105	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
16395	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
16420	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
16472	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
16473	68105	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
16478	68105	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
16486	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
16499	68105	Cadmium	2.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
16545	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16572	68105	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
16589	68105	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
16618	68105	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
16646	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16668	68105	Cadmium	0.772	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
16749	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16772	68105	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
16777	68105	Cadmium	0.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
16793	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
16851	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16866	68105	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
16869	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16889	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16893	68105	Cadmium	2.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
16922	68105	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
16928	68105	Cadmium	2.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	1E-02	1E-03
16946	68105	Cadmium	3.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
16963	68105	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
16974	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
17040	68105	Cadmium	5.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
17055	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
17065	68105	Cadmium	0.722	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
17076	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
17097	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17108	68105	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
17142	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17179	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
17198	68105	Cadmium	1.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
17199	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17270	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17298	68105	Cadmium	1.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
17300	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17348	68105	Cadmium	2.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
17374	68105	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
17379	68105	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
17542	68105	Cadmium	2.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
17557	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
17719	68105	Cadmium	0.339	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
17725	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
17745	68105	Cadmium	0.635	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
17753	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17876	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17899	68105	Cadmium	0.2465	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
17918	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
17934	68105	Cadmium	0.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
17935	68105	Cadmium	0.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
18036	68105	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
18133	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18147	68105	Cadmium	1.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
18177	68105	Cadmium	0.244	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
18187	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
18189	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18281	68105	Cadmium	0.95	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
18321	68105	Cadmium	0.282	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
18349	68105	Cadmium	2.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
18452	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18453	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18469	68105	Cadmium	2.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	1E-02	1E-03
18499	68105	Cadmium	0.412	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
18561	68105	Cadmium	3.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
18573	68105	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
18598	68105	Cadmium	4.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
18610	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18654	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18661	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
18673	68105	Cadmium	1.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
18676	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18693	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
18757	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18787	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18797	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18825	68105	Cadmium	1.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
18839	68105	Cadmium	0.2565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
18871	68105	Cadmium	0.2505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
18882	68105	Cadmium	1.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
18898	68105	Cadmium	0.968	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
18927	68105	Cadmium	1.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
18934	68105	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
19015	68105	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
19028	68105	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
19127	68105	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
19129	68105	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
19169	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
19288	68105	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
19310	68105	Cadmium	2.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
19334	68105	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
19344	68105	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
19448	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
19485	68105	Cadmium	0.845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
19489	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
19496	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
19561	68105	Cadmium	1.87	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
19602	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
19612	68105	Cadmium	2.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
19655	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
19671	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
19676	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
19728	68105	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
19729	68105	Cadmium	2.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
19768	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
19787	68105	Cadmium	4.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
19791	68105	Cadmium	1.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
19812	68105	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
19831	68105	Cadmium	6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
19839	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
19858	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
19864	68105	Cadmium	2.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
19915	68105	Cadmium	0.295	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
19923	68105	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
19932	68105	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
19938	68105	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
19972	68105	Cadmium	1.96	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
19976	68105	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
19987	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
20069	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20080	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20105	68105	Cadmium	1.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
20110	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
20128	68105	Cadmium	2.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
20170	68105	Cadmium	1.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
20218	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
20236	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20313	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20315	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20342	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20470	68105	Cadmium	1.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
20471	68105	Cadmium	0.752	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
20477	68105	Cadmium	0.2935	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
20506	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20510	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20535	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20545	68105	Cadmium	1.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
20557	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
20584	68105	Cadmium	0.3005	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
20590	68105	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
20603	68105	Cadmium	0.2585	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
20610	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
20612	68105	Cadmium	1.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
20656	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20674	68105	Cadmium	3.87	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
20685	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
20702	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20759	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
20777	68105	Cadmium	0.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
20823	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20845	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20856	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
20883	68105	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
20908	68105	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
20925	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
20945	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20961	68105	Cadmium	1.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
20964	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21005	68105	Cadmium	0.2705	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
21012	68105	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
21019	68105	Cadmium	0.988	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
21053	68105	Cadmium	0.685	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
21064	68105	Cadmium	2.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
21068	68105	Cadmium	0.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
21079	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21097	68105	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
21110	68105	Cadmium	0.364	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
21136	68105	Cadmium	2.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
21143	68105	Cadmium	1.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
21148	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21150	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21265	68105	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
21268	68105	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
21283	68105	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
21309	68105	Cadmium	0.277	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
21336	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
21355	68105	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
21390	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21394	68105	Cadmium	0.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
21436	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21454	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21490	68105	Cadmium	0.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
21498	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21513	68105	Cadmium	2.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
21535	68105	Cadmium	1.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
21551	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21560	68105	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
21565	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21578	68105	Cadmium	3.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
21609	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21614	68105	Cadmium	2.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
21625	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21653	68105	Cadmium	0.727	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
21677	68105	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
21689	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21705	68105	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
21714	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
21720	68105	Cadmium	2.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
21724	68105	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
21730	68105	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
21744	68105	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
21811	68105	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
21815	68105	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
21822	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
21836	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21881	68105	Cadmium	0.2905	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
21884	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21901	68105	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
21916	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
21925	68105	Cadmium	0.2615	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
21941	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
21956	68105	Cadmium	1.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
21981	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
21985	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22024	68105	Cadmium	1.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
22025	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
22027	68105	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
22034	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
22036	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22039	68105	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
22044	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22046	68105	Cadmium	1.98	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
22056	68105	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
22061	68105	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
22074	68105	Cadmium	2.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
22079	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22080	68105	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
22177	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22181	68105	Cadmium	0.875	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
22183	68105	Cadmium	0.92	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
22230	68105	Cadmium	1.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
22273	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22295	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22320	68105	Cadmium	0.595	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
22344	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22358	68105	Cadmium	1.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
22386	68105	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
22399	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22405	68105	Cadmium	2.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
22453	68105	Cadmium	2.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
22563	68105	Cadmium	1.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
22574	68105	Cadmium	3.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
22636	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
22715	68105	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
22716	68105	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
22754	68105	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
22772	68105	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
22832	68105	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
49272	68105	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
49289	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50528	68105	Cadmium	0.486	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
50574	68105	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
90427	68105	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
93120	68105	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
93354	68105	Cadmium	4.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
93358	68105	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
93364	68105	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
93120	68105	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
93354	68105	Cadmium	4.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
93358	68105	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
93364	68105	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
93381	68105	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
51011	68106	Cadmium	7.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
51029	68106	Cadmium	0.605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51034	68106	Cadmium	0.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51037	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51041	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51046	68106	Cadmium	0.535	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51047	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51052	68106	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
51058	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51064	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51065	68106	Cadmium	1.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
51079	68106	Cadmium	0.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51080	68106	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
51082	68106	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
51089	68106	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
51093	68106	Cadmium	0.3865	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	8E-06	--	--	--	--	2E-03	2E-04
51101	68106	Cadmium	0.775	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
51102	68106	Cadmium	0.745	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
51113	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51116	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51118	68106	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
51120	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51123	68106	Cadmium	0.525	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51126	68106	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
51127	68106	Cadmium	0.555	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51132	68106	Cadmium	0.595	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51133	68106	Cadmium	0.973	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
51143	68106	Cadmium	0.635	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51155	68106	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51158	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51160	68106	Cadmium	0.4045	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
51162	68106	Cadmium	0.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51184	68106	Cadmium	0.655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
2030	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
2038	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2056	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2292	68107	Cadmium	0.669	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
2496	68107	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
2499	68107	Cadmium	2.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
3003	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
3021	68107	Cadmium	1.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
3074	68107	Cadmium	0.644	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
3121	68107	Cadmium	0.972	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5066	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5076	68107	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5130	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5157	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5159	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5161	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5163	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5165	68107	Cadmium	1.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
5166	68107	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5172	68107	Cadmium	1.93	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5176	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5178	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5180	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5182	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5183	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5185	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5211	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5212	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10008	68107	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
10018	68107	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
10044	68107	Cadmium	0.282	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
10046	68107	Cadmium	6.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
10072	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
10073	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10088	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10095	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10111	68107	Cadmium	3.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
10130	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
10134	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10214	68107	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
10241	68107	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
10290	68107	Cadmium	0.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
10295	68107	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
10299	68107	Cadmium	1.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
10310	68107	Cadmium	2.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
10328	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10329	68107	Cadmium	1.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
10387	68107	Cadmium	2.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
10401	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
10403	68107	Cadmium	0.293	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
10425	68107	Cadmium	0.866	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
10432	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10455	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
10458	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10468	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10471	68107	Cadmium	0.755	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
10484	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10492	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10500	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
10508	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
10513	68107	Cadmium	1.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
10538	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
10543	68107	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
10548	68107	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
10578	68107	Cadmium	2.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
10582	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10622	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10633	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10650	68107	Cadmium	0.725	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
10654	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10662	68107	Cadmium	0.254	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
10670	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10687	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
10707	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10720	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
10735	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
10738	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10794	68107	Cadmium	3.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
10814	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10822	68107	Cadmium	1.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
10831	68107	Cadmium	1.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
10834	68107	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
10842	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10848	68107	Cadmium	0.486	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
10858	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10860	68107	Cadmium	0.765	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
10870	68107	Cadmium	2.51	1.00E-03	--	2.50E-05	--	4.47E-06	4

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10895	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10909	68107	Cadmium	0.994	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
10914	68107	Cadmium	0.685	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
10920	68107	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
10925	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
10931	68107	Cadmium	0.256	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
10938	68107	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
10944	68107	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
10947	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10950	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10965	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
10970	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
10990	68107	Cadmium	2.92	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
10991	68107	Cadmium	1.85	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
11036	68107	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
11069	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11070	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11082	68107	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
11094	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
11107	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11118	68107	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
11142	68107	Cadmium	2.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
11155	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
11172	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11179	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
11191	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
11194	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11203	68107	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
11208	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11222	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
11230	68107	Cadmium	0.303	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
11232	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11233	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11246	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11258	68107	Cadmium	0.98	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
11268	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11272	68107	Cadmium	0.251	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
11283	68107	Cadmium	0.702	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
11303	68107	Cadmium	2.93	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
11309	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11312	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11321	68107	Cadmium	0.734	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
11343	68107	Cadmium	6.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
11349	68107	Cadmium	0.2605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
11367	68107	Cadmium	0.745	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
11372	68107	Cadmium	2.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
11385	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
11387	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11400	68107	Cadmium	2.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
11403	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
11408	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
11410	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11416	68107	Cadmium	2.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
11423	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11439	68107	Cadmium	0.95	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
11444	68107	Cadmium	1.195	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
11449	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11465	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
11469	68107	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
11491	68107	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
11494	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11523	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11552	68107	Cadmium	0.979	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
11558	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11568	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11599	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11601	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
11603	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
11604	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11609	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11614	68107	Cadmium	2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
11661	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11686	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11711	68107	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
11741	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11754	68107	Cadmium	2.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
11765	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
11777	68107	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
11807	68107	Cadmium	0.2335	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
11829	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
11842	68107	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
11865	68107	Cadmium	3.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
11894	68107	Cadmium	0.943	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
11902	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11982	68107	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
12002	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
12009	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12012	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
12037	68107	Cadmium	2.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
12047	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
12086	68107	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
12114	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12116	68107	Cadmium	0.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12118	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12124	68107	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
12126	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12152	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12166	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12194	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
12206	68107	Cadmium	0.525	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12220	68107	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
12227	68107	Cadmium	3.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
12239	68107	Cadmium	3.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
12290	68107	Cadmium	0.4465	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
12296	68107	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
12338	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
12344	68107	Cadmium	1.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
12351	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12372	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12388	68107	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
12407	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12410	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12414	68107	Cadmium	4.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
12424	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
12439	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
12449	68107	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
12457	68107	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
12506	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12514	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12529	68107	Cadmium	2.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
12530	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12547	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12551	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12567	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
12572	68107	Cadmium	1.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
12588	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12590	68107	Cadmium	0.359	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
12605	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12644	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
12667	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12714	68107	Cadmium	0.746	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
12729	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
12741	68107	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
12755	68107	Cadmium	0.2485	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
12761	68107	Cadmium	0.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
12794	68107	Cadmium	2.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
12830	68107	Cadmium	0.85	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
12848	68107	Cadmium	8.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
12858	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
12871	68107	Cadmium	4.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
13038	68107	Cadmium	4.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
13045	68107	Cadmium	0.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
43676	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
43691	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
43698	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
43703	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
43711	68107	Cadmium	0.2975	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	1E-04
43729	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
43736	68107	Cadmium	3.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
43744	68107	Cadmium	0.2885	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
43746	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
43771	68107	Cadmium	0.894	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
43790	68107	Cadmium	0.2995	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
43793	68107	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
43800	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
43813	68107	Cadmium	0.4285	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
43843	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
43853	68107	Cadmium	0.681	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
43869	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
43874	68107	Cadmium	2.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
43892	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
43912	68107	Cadmium	0.4265	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
43933	68107	Cadmium	0.321	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	2E-03	2E-04
43942	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
43945	68107	Cadmium	0.88	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
43949	68107	Cadmium	1.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
43962	68107	Cadmium	1.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
43978	68107	Cadmium	2.71	1.00E-03	--	2.50E-05	--	4.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44047	68107	Cadmium	0.628	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44063	68107	Cadmium	0.606	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44066	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
44076	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
44104	68107	Cadmium	2.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
44107	68107	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
44112	68107	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
44127	68107	Cadmium	0.871	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44130	68107	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
44133	68107	Cadmium	3.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
44137	68107	Cadmium	4.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
44145	68107	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
44153	68107	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
44157	68107	Cadmium	0.635	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44177	68107	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44184	68107	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
44185	68107	Cadmium	0.782	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44198	68107	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
44202	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
44220	68107	Cadmium	0.865	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44225	68107	Cadmium	2.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
44233	68107	Cadmium	0.649	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44236	68107	Cadmium	2.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
44237	68107	Cadmium	0.749	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44248	68107	Cadmium	2.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
44299	68107	Cadmium	1.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
44319	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
44348	68107	Cadmium	0.808	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44416	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
44446	68107	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
44452	68107	Cadmium	0.384	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	8E-06	--	--	--	--	2E-03	2E-04
44455	68107	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
44456	68107	Cadmium	0.275	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
44465	68107	Cadmium	0.781	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44475	68107	Cadmium	1.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
44482	68107	Cadmium	2.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
44483	68107	Cadmium	2.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
44490	68107	Cadmium	4.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
44503	68107	Cadmium	0.685	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44507	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
44508	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
44519	68107	Cadmium	0.675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44526	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
44528	68107	Cadmium	2.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
44529	68107	Cadmium	0.708	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
44531	68107	Cadmium	1.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
44536	68107	Cadmium	1.87	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
44539	68107	Cadmium	2.92	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
44546	68107	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
44549	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
44556	68107	Cadmium	2.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
44567	68107	Cadmium	0.445	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
44578	68107	Cadmium	0.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44581	68107	Cadmium	0.2835	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
44589	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
44590	68107	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
44592	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
44597	68107	Cadmium	4.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
44617	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
44619	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
44623	68107	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
44626	68107	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
44636	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
44640	68107	Cadmium	0.864	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44644	68107	Cadmium	0.2645	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
44668	68107	Cadmium	0.515	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
44700	68107	Cadmium	0.723	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
44711	68107	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
44725	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44727	68107	Cadmium	0.3035	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
44738	68107	Cadmium	0.395	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
44740	68107	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
44741	68107	Cadmium	2.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
44747	68107	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
44753	68107	Cadmium	0.909	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
44755	68107	Cadmium	0.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44756	68107	Cadmium	0.465	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
44768	68107	Cadmium	0.905	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
44790	68107	Cadmium	0.2755	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
44798	68107	Cadmium	0.764	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44810	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
44814	68107	Cadmium	2.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
44822	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
44854	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44902	68107	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
44923	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
44927	68107	Cadmium	0.786	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44935	68107	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
44939	68107	Cadmium	0.732	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
44943	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
44955	68107	Cadmium	0.3715	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
44959	68107	Cadmium	0.297	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
44969	68107	Cadmium	0.3315	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
44979	68107	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
44980	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
44984	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
44987	68107	Cadmium	0.775	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
44996	68107	Cadmium	0.794	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
45004	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
45005	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45018	68107	Cadmium	0.267	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
45020	68107	Cadmium	6.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
45023	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
45034	68107	Cadmium	0.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
45044	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45056	68107	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
45072	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45073	68107	Cadmium	0.602	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45077	68107	Cadmium	2.85	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
45078	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45084	68107	Cadmium	0.692	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
45118	68107	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
45147	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
45150	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45156	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45166	68107	Cadmium	0.979	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
45167	68107	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
45183	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
45188	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45195	68107	Cadmium	1.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
45199	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45206	68107	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
45213	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
45223	68107	Cadmium	0.724	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
45227	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
45236	68107	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
45244	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
45259	68107	Cadmium	1.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
45265	68107	Cadmium	0.751	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
45269	68107	Cadmium	0.605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45298	68107	Cadmium	0.337	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
45300	68107	Cadmium	3.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
45303	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45304	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45305	68107	Cadmium	0.267	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
45321	68107	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
45343	68107	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
45350	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45356	68107	Cadmium	0.753	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
45364	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45370	68107	Cadmium	0.293	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
45390	68107	Cadmium	0.713	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
45393	68107	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
45404	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45411	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45423	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45424	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45447	68107	Cadmium	0.3005	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
45458	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45460	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45475	68107	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
45484	68107	Cadmium	2.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
45487	68107	Cadmium	1.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
45494	68107	Cadmium	0.2875	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
45495	68107	Cadmium	0.292	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
45503	68107	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45530	68107	Cadmium	0.472	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
45533	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45564	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45566	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45574	68107	Cadmium	0.728	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
45584	68107	Cadmium	0.713	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
45608	68107	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
45609	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45624	68107	Cadmium	2.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
45626	68107	Cadmium	0.705	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
45645	68107	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
45646	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45678	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45698	68107	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
45724	68107	Cadmium	0.3155	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
45725	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45728	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45739	68107	Cadmium	2.98	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	1E-03
45741	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45747	68107	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
45764	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
45767	68107	Cadmium	3.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
45770	68107	Cadmium	0.2795	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
45786	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
45787	68107	Cadmium	0.666	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45789	68107	Cadmium	0.284	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
45811	68107	Cadmium	0.603	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45822	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45837	68107	Cadmium	0.2725	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
45840	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45849	68107	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
45854	68107	Cadmium	0.3145	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
45883	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45906	68107	Cadmium	0.274	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
45921	68107	Cadmium	2.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
45923	68107	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
45927	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45955	68107	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
45970	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45984	68107	Cadmium	0.619	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
45988	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
45999	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
46035	68107	Cadmium	1.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
46049	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46050	68107	Cadmium	0.645	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46052	68107	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46071	68107	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
46073	68107	Cadmium	0.96	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
46091	68107	Cadmium	0.774	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46103	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46107	68107	Cadmium	6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
46118	68107	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
46122	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46127	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46133	68107	Cadmium	0.575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46145	68107	Cadmium	0.807	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46150	68107	Cadmium	0.447	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
46164	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46168	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46180	68107	Cadmium	2.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
46187	68107	Cadmium	4.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
46210	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
46214	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46241	68107	Cadmium	0.898	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
46247	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
46260	68107	Cadmium	0.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46279	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
46297	68107	Cadmium	0.695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
46346	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46347	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46363	68107	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46368	68107	Cadmium	0.2755	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
46380	68107	Cadmium	0.805	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46399	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
46423	68107	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
46432	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
46448	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
46461	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46469	68107	Cadmium	0.984	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
46472	68107	Cadmium	0.799	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46473	68107	Cadmium	0.935	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
46474	68107	Cadmium	4.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
46478	68107	Cadmium	2.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
46490	68107	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
46493	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
46494	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46498	68107	Cadmium	2.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
46505	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
46509	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
46527	68107	Cadmium	0.734	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
46566	68107	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
46579	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46583	68107	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
46610	68107	Cadmium	2.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
46626	68107	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
46628	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46664	68107	Cadmium	0.767	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46672	68107	Cadmium	0.865	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46673	68107	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
46683	68107	Cadmium	0.821	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46698	68107	Cadmium	0.605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46699	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46708	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
46712	68107	Cadmium	2.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
46725	68107	Cadmium	0.955	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
46727	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
46731	68107	Cadmium	0.845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
46743	68107	Cadmium	2.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
46763	68107	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
46764	68107	Cadmium	0.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46772	68107	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
46776	68107	Cadmium	0.96	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
46792	68107	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46794	68107	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
46805	68107	Cadmium	3.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
46808	68107	Cadmium	2.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
46815	68107	Cadmium	2.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
46835	68107	Cadmium	0.239	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
46852	68107	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
46857	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46864	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46867	68107	Cadmium	2.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
46893	68107	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
46916	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46919	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
46934	68107	Cadmium	4.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
46954	68107	Cadmium	3.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
46964	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
46976	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
46994	68107	Cadmium	2.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
46998	68107	Cadmium	0.423	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
47021	68107	Cadmium	1.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
47030	68107	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
47038	68107	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
47046	68107	Cadmium	2.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
47047	68107	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
47052	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47058	68107	Cadmium	4.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
47088	68107	Cadmium	2.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
47090	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47106	68107	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
47139	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
47140	68107	Cadmium	1.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
47147	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47148	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47149	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
47163	68107	Cadmium	6.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
47172	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
47179	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47181	68107	Cadmium	3.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
47196	68107	Cadmium	6.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
47203	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
47206	68107	Cadmium	3.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
47215	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47216	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
47217	68107	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
47218	68107	Cadmium	3.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
47223	68107	Cadmium	0.897	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
47249	68107	Cadmium	3.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
47250	68107	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
47259	68107	Cadmium	3.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
47274	68107	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
47275	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47279	68107	Cadmium	0.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
47291	68107	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
47293	68107	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
47296	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
47311	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47312	68107	Cadmium	0.786	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
47315	68107	Cadmium	0.805	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
47320	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47322	68107	Cadmium	2.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
47338	68107	Cadmium	7.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
47339	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47356	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47368	68107	Cadmium	1.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
47380	68107	Cadmium	0.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
47382	68107	Cadmium	5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
47385	68107	Cadmium	0.863	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
47390	68107	Cadmium	0.611	1.00E-03	--	2.50E-05	--	4.47E-06	4.79

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47425	68107	Cadmium	0.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47440	68107	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
47452	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47475	68107	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
47485	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47511	68107	Cadmium	2.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
47514	68107	Cadmium	0.843	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
47518	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
47526	68107	Cadmium	0.958	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
47544	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47553	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47565	68107	Cadmium	0.935	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
47566	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47604	68107	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
47610	68107	Cadmium	0.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
47617	68107	Cadmium	1.95	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
47621	68107	Cadmium	2.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
47627	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47649	68107	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
47656	68107	Cadmium	0.916	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
47670	68107	Cadmium	1.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
47681	68107	Cadmium	8.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
47706	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
47708	68107	Cadmium	0.749	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
47761	68107	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
47768	68107	Cadmium	3.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
47783	68107	Cadmium	5.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
47795	68107	Cadmium	0.278	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
47797	68107	Cadmium	4.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
47811	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
47813	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47816	68107	Cadmium	3.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
47820	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
47838	68107	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
47841	68107	Cadmium	6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
47860	68107	Cadmium	4.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
47867	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47886	68107	Cadmium	5.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
47895	68107	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
47924	68107	Cadmium	3.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
47930	68107	Cadmium	2.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
47934	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
47939	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
47952	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
47966	68107	Cadmium	0.2815	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
47969	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48003	68107	Cadmium	3.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
48006	68107	Cadmium	3.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
48014	68107	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
48016	68107	Cadmium	0.299	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	1E-04
48018	68107	Cadmium	3.87	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
48036	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48043	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48048	68107	Cadmium	3.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
48056	68107	Cadmium	3.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
48092	68107	Cadmium	1.96	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
48116	68107	Cadmium	4.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
48118	68107	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
48120	68107	Cadmium	3.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
48135	68107	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
48141	68107	Cadmium	1.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
48150	68107	Cadmium	2.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
48167	68107	Cadmium	2.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
48232	68107	Cadmium	0.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48245	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48261	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48271	68107	Cadmium	5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
48292	68107	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
48308	68107	Cadmium	6.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
48327	68107	Cadmium	0.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48334	68107	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
48341	68107	Cadmium	0.535	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48359	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
48367	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
48368	68107	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
48380	68107	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
48416	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48418	68107	Cadmium	0.4415	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
48434	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48494	68107	Cadmium	0.845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
48495	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48508	68107	Cadmium	0.266	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
48510	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48525	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48583	68107	Cadmium	0.989	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48589	68107	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
48593	68107	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48596	68107	Cadmium	0.555	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48620	68107	Cadmium	4.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
48636	68107	Cadmium	0.655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48639	68107	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
48641	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48654	68107	Cadmium	2.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
48661	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
48668	68107	Cadmium	0.291	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
48674	68107	Cadmium	0.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48685	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48694	68107	Cadmium	0.4125	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
48708	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
48715	68107	Cadmium	2.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
48721	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
48733	68107	Cadmium	0.862	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
48736	68107	Cadmium	2.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
48747	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48768	68107	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
48798	68107	Cadmium	1.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
48815	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
48821	68107	Cadmium	1.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
48836	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
48846	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48855	68107	Cadmium	1.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
48871	68107	Cadmium	0.555	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48886	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
48900	68107	Cadmium	0.335	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
48904	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48944	68107	Cadmium	0.843	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
48952	68107	Cadmium	0.595	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48963	68107	Cadmium	0.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
48973	68107	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
48975	68107	Cadmium	2.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
48977	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
48999	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
49012	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49036	68107	Cadmium	0.505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49070	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49081	68107	Cadmium	0.696	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
49082	68107	Cadmium	1.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
49085	68107	Cadmium	0.2585	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
49098	68107	Cadmium	0.264	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
49117	68107	Cadmium	0.304	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
49126	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49167	68107	Cadmium	1.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
49208	68107	Cadmium	0.2745	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
49239	68107	Cadmium	4.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
49249	68107	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
49371	68107	Cadmium	0.889	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
49383	68107	Cadmium	0.896	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
49395	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49404	68107	Cadmium	2.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
49435	68107	Cadmium	0.676	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49439	68107	Cadmium	0.2895	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
49441	68107	Cadmium	0.3885	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	8E-06	--	--	--	--	2E-03	2E-04
49444	68107	Cadmium	0.273	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
50137	68107	Cadmium	2.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
50139	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50140	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
50141	68107	Cadmium	2.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
50144	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
50158	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50185	68107	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
50191	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
50192	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50193	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50214	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50243	68107	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
50244	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50246	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50249	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
50276	68107	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50284	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50286	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50292	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50293	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
50294	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
50299	68107	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
50300	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50313	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50325	68107	Cadmium	1.18	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50360	68107	Cadmium	1.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
50361	68107	Cadmium	1.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
50362	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50537	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
76891	68107	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
89377	68107	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
89408	68107	Cadmium	6.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
2170	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2518	68108	Cadmium	3.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
2521	68108	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
2522	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
2527	68108	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
2532	68108	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5225	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5227	68108	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5229	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5284	68108	Cadmium	2.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
5300	68108	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5304	68108	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
5306	68108	Cadmium	1.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5332	68108	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5387	68108	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5390	68108	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5394	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5395	68108	Cadmium	2.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
5398	68108	Cadmium	2.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
5403	68108	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5407	68108	Cadmium	1.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5408	68108	Cadmium	2.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
5409	68108	Cadmium	0.1105	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-05	2E-06	--	--	--	--	5E-04	6E-05
5416	68108	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5418	68108	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5422	68108	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5425	68108	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
5426	68108	Cadmium	0.686	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5427	68108	Cadmium	1.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5429	68108	Cadmium	0.869	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5431	68108	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5432	68108	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
5449	68108	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5450	68108	Cadmium	1.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5454	68108	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5460	68108	Cadmium	0.987	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5463	68108	Cadmium	0.548	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5467	68108	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5472	68108	Cadmium	0.747	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
5473	68108	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5474	68108	Cadmium	0.896	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5480	68108	Cadmium	1.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5483	68108	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5485	68108	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
5492	68108	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5505	68108	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5572	68108	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5607	68108	Cadmium	0.643	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5608	68108	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5623	68108	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5628	68108	Cadmium	0.857	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5630	68108	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5636	68108	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
5637	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5652	68108	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
12816	68108	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
12859	68108	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
12926	68108	Cadmium	3.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
12947	68108	Cadmium	0.813	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
13102	68108	Cadmium	0.268	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
13164	68108	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
13184	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
13189	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13239	68108	Cadmium	0.274	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
13267	68108	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
13436	68108	Cadmium	0.4025	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
13485	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13529	68108	Cadmium	2.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
13530	68108	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
13536	68108	Cadmium	2.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
13575	68108	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
13645	68108	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
13661	68108	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
13674	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13675	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13760	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
13773	68108	Cadmium	0.2875	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
14076	68108	Cadmium	0.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
14079	68108	Cadmium	0.2535	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
14130	68108	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
14140	68108	Cadmium	2.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
14203	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14270	68108	Cadmium	0.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
14279	68108	Cadmium	0.728	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
14290	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14438	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14449	68108	Cadmium	6.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
14481	68108	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
14486	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14497	68108	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
14537	68108	Cadmium	3.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
14545	68108	Cadmium	2.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
14576	68108	Cadmium	2.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
14578	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14617	68108	Cadmium	0.742	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
14660	68108	Cadmium	1.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
14692	68108	Cadmium	0.284	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
14720	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14818	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14825	68108	Cadmium	9.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	5E-02	5E-03
14849	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
14855	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14878	68108	Cadmium	0.282	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
14914	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
14998	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15001	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15051	68108	Cadmium	1.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
15053	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15116	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
15135	68108	Cadmium	3.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
15248	68108	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
15256	68108	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
15266	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15337	68108	Cadmium	0.988	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
15443	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15468	68108	Cadmium	0.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
15601	68108	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
15603	68108	Cadmium	3.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
15687	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15748	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
15768	68108	Cadmium	0.313	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
15915	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15939	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
15955	68108	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
15966	68108	Cadmium	0.785	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
15980	68108	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
16006	68108	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
16126	68108	Cadmium	0.249	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
16135	68108	Cadmium	0.2295	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
16137	68108	Cadmium	0.319	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
16145	68108	Cadmium	0.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
16261	68108	Cadmium	0.975	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
16267	68108	Cadmium	0.759	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
16319	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
16349	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16446	68108	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
16530	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
16556	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16581	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16595	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16599	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
16711	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
16813	68108	Cadmium	0.306	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
16973	68108	Cadmium	0.364	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
17004	68108	Cadmium	3.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
17005	68108	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
17022	68108	Cadmium	2.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
17242	68108	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
17247	68108	Cadmium	3.98	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
17282	68108	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
17316	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17323	68108	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
17335	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17360	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17414	68108	Cadmium	0.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
17416	68108	Cadmium	1.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
17417	68108	Cadmium	6.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
17418	68108	Cadmium	7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	2E-04	--	--	--	--	3E-02	4E-03
17461	68108	Cadmium	5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
17498	68108	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
17550	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17701	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17703	68108	Cadmium	1.125	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
17732	68108	Cadmium	3.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
17778	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17840	68108	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
17849	68108	Cadmium	0.604	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
17861	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17864	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17865	68108	Cadmium	0.253	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
17908	68108	Cadmium	4.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
17945	68108	Cadmium	0.2755	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
17963	68108	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
17968	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
17985	68108	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
18129	68108	Cadmium	0.229	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
18148	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
18179	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18198	68108	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
18218	68108	Cadmium	2.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
18222	68108	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
18249	68108	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
18328	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
18330	68108	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
18339	68108	Cadmium	0.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
18385	68108	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
18422	68108	Cadmium	4.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
18435	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18461	68108	Cadmium	0.3025	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
18486	68108	Cadmium	0.439	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
18532	68108	Cadmium	0.915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
18547	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18597	68108	Cadmium	2.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
18634	68108	Cadmium	3.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
18664	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18687	68108	Cadmium	4.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
18691	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18697	68108	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
18712	68108	Cadmium	1.235	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
18718	68108	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
18749	68108	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
18800	68108	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
18802	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18833	68108	Cadmium	0.3375	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
18890	68108	Cadmium	0.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
18903	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
18943	68108	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
18968	68108	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
18988	68108	Cadmium	0.431	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
19030	68108	Cadmium	0.2535	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
19116	68108	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
19126	68108	Cadmium	3.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
19153	68108	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
19190	68108	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
19343	68108	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
19371	68108	Cadmium	0.4275	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
19373	68108	Cadmium	0.905	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
19417	68108	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
19440	68108	Cadmium	0.234	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
19444	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
19474	68108	Cadmium	4.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
19640	68108	Cadmium	0.651	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
19660	68108	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
19680	68108	Cadmium	0.2865	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
19792	68108	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
19875	68108	Cadmium	3.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
19920	68108	Cadmium	1.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
19988	68108	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
20044	68108	Cadmium	3.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
20137	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
20149	68108	Cadmium	2.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
20168	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
20169	68108	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
20244	68108	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
20285	68108	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
20287	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20344	68108	Cadmium	0.524	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20367	68108	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
20464	68108	Cadmium	0.4985	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
20467	68108	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
20567	68108	Cadmium	0.444	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
20588	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
20608	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
20629	68108	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
20671	68108	Cadmium	0.99	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20881	68108	Cadmium	2.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
20922	68108	Cadmium	7.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	2E-04	--	--	--	--	3E-02	4E-03
21123	68108	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
21190	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21502	68108	Cadmium	2.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
21582	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21729	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
21863	68108	Cadmium	2.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
22203	68108	Cadmium	0.665	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
22282	68108	Cadmium	2.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
50453	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50624	68108	Cadmium	3.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
74047	68108	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
79306	68108	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
87989	68108	Cadmium	8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
88004	68108	Cadmium	6.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
88031	68108	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
89842	68108	Cadmium	6.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
90601	68108	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
92372	68108	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
93003	68108	Cadmium	6.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
93522	68108	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
2069	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2280	68110	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
2354	68110	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
2355	68110	Cadmium	4.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
2539	68110	Cadmium	2.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
3136	68110	Cadmium	1.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
5258	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5388	68110	Cadmium	0.672	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5520	68110	Cadmium	2.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
5525	68110	Cadmium	2.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
5527	68110	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5530	68110	Cadmium	0.966	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5532	68110	Cadmium	2.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
5536	68110	Cadmium	0.567	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5541	68110	Cadmium	0.366	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
5544	68110	Cadmium	0.124	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-05	3E-06	--	--	--	--	6E-04	6E-05
5546	68110	Cadmium	0.532	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5551	68110	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5559	68110	Cadmium	0.855	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5560	68110	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5561	68110	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
5563	68110	Cadmium	0.442	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
5565	68110	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5566	68110	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5612	68110	Cadmium	2.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
5614	68110	Cadmium	2.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
5641	68110	Cadmium	0.863	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
5650	68110	Cadmium	3.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
5651	68110	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
26122	68110	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
26133	68110	Cadmium	0.4405	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
26234	68110	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
26341	68110	Cadmium	4.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
26410	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26447	68110	Cadmium	0.515	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26465	68110	Cadmium	0.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
26527	68110	Cadmium	3.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
26550	68110	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
26762	68110	Cadmium	3.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
27034	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27069	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27291	68110	Cadmium	0.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
27435	68110	Cadmium	4.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
27589	68110	Cadmium	2.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
27592	68110	Cadmium	2.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
27683	68110	Cadmium	0.818	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
27704	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27756	68110	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
27815	68110	Cadmium	0.263	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
27822	68110	Cadmium	0.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
27826	68110	Cadmium	2.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
27840	68110	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
27844	68110	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
27884	68110	Cadmium	2.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
27907	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27927	68110	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
27984	68110	Cadmium	1.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
28074	68110	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
28075	68110	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
28120	68110	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
28167	68110	Cadmium	0.2735	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
28226	68110	Cadmium	0.4615	1.00E-03	--	2.50E-05	--	4.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28421	68110	Cadmium	2.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
28455	68110	Cadmium	3.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
28501	68110	Cadmium	0.979	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
28550	68110	Cadmium	0.446	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
28591	68110	Cadmium	0.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
28647	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28670	68110	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
28711	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28717	68110	Cadmium	2.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
28726	68110	Cadmium	2.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
28905	68110	Cadmium	0.711	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
28977	68110	Cadmium	0.715	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
28999	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29058	68110	Cadmium	2.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	1E-02	1E-03
29063	68110	Cadmium	6.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
29084	68110	Cadmium	2.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
29093	68110	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
29095	68110	Cadmium	1.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
29117	68110	Cadmium	5.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
29135	68110	Cadmium	2.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
29207	68110	Cadmium	0.915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
29238	68110	Cadmium	0.592	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
29257	68110	Cadmium	7.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	2E-04	--	--	--	--	3E-02	4E-03
29271	68110	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
29283	68110	Cadmium	1.265	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
29290	68110	Cadmium	2.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
29332	68110	Cadmium	3.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
29360	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29361	68110	Cadmium	2.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
29393	68110	Cadmium	0.341	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
29421	68110	Cadmium	1.135	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
29493	68110	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
29500	68110	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
29505	68110	Cadmium	1.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
29550	68110	Cadmium	1.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
29610	68110	Cadmium	0.912	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
29634	68110	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
29665	68110	Cadmium	0.625	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
29753	68110	Cadmium	6.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
29774	68110	Cadmium	0.667	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
29786	68110	Cadmium	2.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
29795	68110	Cadmium	2.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
29844	68110	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
29877	68110	Cadmium	3.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
29887	68110	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
29911	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29913	68110	Cadmium	2.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
29920	68110	Cadmium	0.4915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
29921	68110	Cadmium	0.4655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
29934	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29942	68110	Cadmium	6.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
29943	68110	Cadmium	2.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
30017	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30172	68110	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
30189	68110	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
30210	68110	Cadmium	0.978	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30291	68110	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
30394	68110	Cadmium	4.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
30410	68110	Cadmium	0.765	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
30422	68110	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
30443	68110	Cadmium	2.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
30469	68110	Cadmium	0.685	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
30470	68110	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
30500	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30551	68110	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30556	68110	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
30566	68110	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
30575	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30633	68110	Cadmium	0.897	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
30651	68110	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
30688	68110	Cadmium	0.4185	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
30705	68110	Cadmium	0.256	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
30786	68110	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
30803	68110	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
30870	68110	Cadmium	3.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
30954	68110	Cadmium	2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
30980	68110	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
31097	68110	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
31153	68110	Cadmium	0.924	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
31174	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31223	68110	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
31231	68110	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
31350	68110	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
31401	68110	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31760	68110	Cadmium	0.326	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
31814	68110	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
31832	68110	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
31959	68110	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
32019	68110	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
32039	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32043	68110	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
32063	68110	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
32214	68110	Cadmium	0.483	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
32373	68110	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
32484	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32508	68110	Cadmium	3.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
32529	68110	Cadmium	0.675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32536	68110	Cadmium	2.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	1E-02	1E-03
32570	68110	Cadmium	0.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32645	68110	Cadmium	1.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
32707	68110	Cadmium	2.98	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	1E-03
32727	68110	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
32733	68110	Cadmium	2.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
32734	68110	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32875	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32903	68110	Cadmium	0.92	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
32915	68110	Cadmium	0.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32927	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32996	68110	Cadmium	6.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
33078	68110	Cadmium	2.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
33084	68110	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33280	68110	Cadmium	0.3915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
33421	68110	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
33468	68110	Cadmium	4.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
33472	68110	Cadmium	0.2675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
33477	68110	Cadmium	4.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
33483	68110	Cadmium	2.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
33512	68110	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
33519	68110	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33543	68110	Cadmium	0.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
33555	68110	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
33602	68110	Cadmium	1.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
33629	68110	Cadmium	5.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
33635	68110	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33714	68110	Cadmium	4.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
33725	68110	Cadmium	3.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
33840	68110	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
33927	68110	Cadmium	2.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
34002	68110	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
34047	68110	Cadmium	0.3395	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
34116	68110	Cadmium	2.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
34237	68110	Cadmium	0.2745	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
34260	68110	Cadmium	0.816	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
34266	68110	Cadmium	0.491	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
34272	68110	Cadmium	2.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
34276	68110	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
34287	68110	Cadmium	0.398	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
34613	68110	Cadmium	1.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
34625	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34638	68110	Cadmium	2.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
34674	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34696	68110	Cadmium	2.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
34710	68110	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
34733	68110	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
34738	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34742	68110	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
34821	68110	Cadmium	0.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
35022	68110	Cadmium	0.265	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
35047	68110	Cadmium	0.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
35180	68110	Cadmium	0.871	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
35183	68110	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
35249	68110	Cadmium	0.732	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
35384	68110	Cadmium	5.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
35438	68110	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
35501	68110	Cadmium	2.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
35558	68110	Cadmium	3.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
35589	68110	Cadmium	0.269	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
35637	68110	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
35710	68110	Cadmium	2.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
35754	68110	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
35787	68110	Cadmium	3.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
35792	68110	Cadmium	1.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
35793	68110	Cadmium	3.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
36189	68110	Cadmium	0.698	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
37075	68110	Cadmium	0.3725	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
37434	68110	Cadmium	12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	3E-04	--	--	--	--	6E-02	6E-03
37456	68110	Cadmium	3.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
37525	68110	Cadmium	0.4495	1.00E-03	--	2.50E-05	--	4.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
38863	68110	Cadmium	2.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
39142	68110	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
39271	68110	Cadmium	0.876	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
39434	68110	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
39572	68110	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
55636	68110	Cadmium	5.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
74149	68110	Cadmium	4.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
79377	68110	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
81398	68110	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
81400	68110	Cadmium	4.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
87991	68110	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
90908	68110	Cadmium	8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
91449	68110	Cadmium	5.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
92501	68110	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
92675	68110	Cadmium	5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
93337	68110	Cadmium	4.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
93338	68110	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
93342	68110	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
93344	68110	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
93345	68110	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
2035	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
2075	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
2103	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2109	68111	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
2118	68111	Cadmium	0.4865	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
2121	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2126	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2154	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
2179	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2216	68111	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
2225	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2231	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
2262	68111	Cadmium	2.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
2365	68111	Cadmium	0.432	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
2425	68111	Cadmium	0.948	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
2565	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
3046	68111	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
3051	68111	Cadmium	0.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
3058	68111	Cadmium	0.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
3091	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
3133	68111	Cadmium	1.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
3151	68111	Cadmium	1.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5013	68111	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5085	68111	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5170	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5171	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5204	68111	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
5206	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5208	68111	Cadmium	1.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
5215	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5221	68111	Cadmium	2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5230	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5232	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5234	68111	Cadmium	1.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
5236	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
5238	68111	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
5240	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5242	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5246	68111	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
5288	68111	Cadmium	3.95	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
5296	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5330	68111	Cadmium	1.93	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5333	68111	Cadmium	0.593	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5513	68111	Cadmium	0.568	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
5514	68111	Cadmium	0.292	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
5618	68111	Cadmium	0.593	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
25647	68111	Cadmium	0.2345	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
25663	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
25670	68111	Cadmium	0.2775	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
25708	68111	Cadmium	2.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
25709	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25750	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25780	68111	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
25786	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25794	68111	Cadmium	2.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
25804	68111	Cadmium	1.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
25805	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
25834	68111	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
25849	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
25869	68111	Cadmium	0.3485	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
25874	68111	Cadmium	0.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
25877	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
25894	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25903	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25985	68111	Cadmium	0.605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
26005	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
26009	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
26011	68111	Cadmium	0.679	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
26030	68111	Cadmium	1.98	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
26042	68111	Cadmium	0.261	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
26043	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26045	68111	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
26053	68111	Cadmium	0.737	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
26084	68111	Cadmium	7.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
26100	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
26124	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
26135	68111	Cadmium	0.772	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
26142	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
26149	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
26160	68111	Cadmium	0.961	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
26164	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26191	68111	Cadmium	0.695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
26199	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26202	68111	Cadmium	0.288	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
26204	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26211	68111	Cadmium	0.4485	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
26215	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26228	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
26229	68111	Cadmium	0.998	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
26231	68111	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
26249	68111	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
26257	68111	Cadmium	3.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
26263	68111	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
26288	68111	Cadmium	0.317	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
26289	68111	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
26290	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26295	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
26303	68111	Cadmium	0.354	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
26327	68111	Cadmium	0.2985	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	1E-04
26372	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26428	68111	Cadmium	1.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
26456	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26459	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
26480	68111	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
26485	68111	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
26514	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26518	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
26543	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26570	68111	Cadmium	1.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
26604	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26653	68111	Cadmium	2.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
26663	68111	Cadmium	3.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
26665	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
26682	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26695	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26716	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
26742	68111	Cadmium	1.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
26757	68111	Cadmium	2.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
26759	68111	Cadmium	3.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
26772	68111	Cadmium	0.2495	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
26779	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
26783	68111	Cadmium	0.915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
26834	68111	Cadmium	3.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
26844	68111	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
26858	68111	Cadmium	0.2665	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
26865	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26868	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26869	68111	Cadmium	2.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
26877	68111	Cadmium	1.85	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
26891	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
26948	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26955	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
26967	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
26996	68111	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
26997	68111	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
26999	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
27005	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27031	68111	Cadmium	0.361	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
27038	68111	Cadmium	4.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
27052	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27074	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27096	68111	Cadmium	2.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
27107	68111	Cadmium	0.424	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
27117	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27120	68111	Cadmium	1.95	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
27137	68111	Cadmium	3.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
27138	68111	Cadmium	4.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
27139	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27145	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27148	68111	Cadmium	1.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
27177	68111	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
27185	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27191	68111	Cadmium	2.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
27193	68111	Cadmium	0.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
27202	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27264	68111	Cadmium	6.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
27266	68111	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
27269	68111	Cadmium	8.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
27278	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27308	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27315	68111	Cadmium	8.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
27318	68111	Cadmium	2.37	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
27342	68111	Cadmium	0.283	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
27347	68111	Cadmium	2.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
27366	68111	Cadmium	0.258	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
27369	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
27399	68111	Cadmium	1.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
27402	68111	Cadmium	7.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	2E-04	--	--	--	--	3E-02	4E-03
27446	68111	Cadmium	3.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
27461	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
27467	68111	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
27475	68111	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
27481	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27488	68111	Cadmium	0.443	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
27524	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27567	68111	Cadmium	0.263	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
27581	68111	Cadmium	0.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
27585	68111	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
27604	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
27608	68111	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
27630	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
27632	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27658	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27718	68111	Cadmium	0.325	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
27734	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27739	68111	Cadmium	0.726	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
27742	68111	Cadmium	5.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
27764	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27768	68111	Cadmium	0.898	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
27780	68111	Cadmium	2.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
27854	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
27859	68111	Cadmium	0.754	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
27885	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27886	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27913	68111	Cadmium	0.568	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
27920	68111	Cadmium	0.4995	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27924	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
27939	68111	Cadmium	4.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
27962	68111	Cadmium	2.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
28004	68111	Cadmium	3.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
28011	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28019	68111	Cadmium	0.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
28020	68111	Cadmium	3.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
28022	68111	Cadmium	0.2555	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
28045	68111	Cadmium	0.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
28065	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
28072	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28105	68111	Cadmium	0.815	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
28108	68111	Cadmium	0.537	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
28144	68111	Cadmium	3.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
28148	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28154	68111	Cadmium	0.276	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
28157	68111	Cadmium	3.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
28185	68111	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
28186	68111	Cadmium	0.4005	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
28188	68111	Cadmium	3.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
28218	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
28222	68111	Cadmium	2.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
28273	68111	Cadmium	2.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
28284	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28329	68111	Cadmium	0.319	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
28338	68111	Cadmium	3.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
28375	68111	Cadmium	2.04	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	1E-02	1E-03
28377	68111	Cadmium	2.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
28417	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28423	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
28434	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28518	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
28544	68111	Cadmium	3.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
28558	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
28561	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28573	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28623	68111	Cadmium	0.2995	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
28625	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
28648	68111	Cadmium	2.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
28661	68111	Cadmium	0.675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
28688	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28709	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28713	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
28725	68111	Cadmium	0.775	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
28730	68111	Cadmium	0.832	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
28749	68111	Cadmium	3.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
28763	68111	Cadmium	0.2855	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
28764	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
28766	68111	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
28781	68111	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
28785	68111	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
28798	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28799	68111	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
28809	68111	Cadmium	0.327	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
28811	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
28819	68111	Cadmium	2.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
28836	68111	Cadmium	3.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
28837	68111	Cadmium	0.2685	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
28841	68111	Cadmium	2.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
28846	68111	Cadmium	3.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
28893	68111	Cadmium	2.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
28909	68111	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
28942	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
28959	68111	Cadmium	1.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
28963	68111	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
28967	68111	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
28984	68111	Cadmium	0.868	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
28991	68111	Cadmium	0.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
29002	68111	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
29023	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29033	68111	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
29037	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29071	68111	Cadmium	2.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
29090	68111	Cadmium	7.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	2E-04	--	--	--	--	3E-02	4E-03
29101	68111	Cadmium	2.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
29102	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29105	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
29155	68111	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
29165	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
29175	68111	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
29177	68111	Cadmium	2.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
29181	68111	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
29204	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29205	68111	Cadmium	1.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
29214	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
29220	68111	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
29240	68111	Cadmium	0.982	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
29248	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
29274	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
29285	68111	Cadmium	0.301	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
29328	68111	Cadmium	0.942	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
29343	68111	Cadmium	0.843	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
29354	68111	Cadmium	0.2675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
29358	68111	Cadmium	2.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	1E-03
29386	68111	Cadmium	0.273	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
29409	68111	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
29431	68111	Cadmium	0.2785	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
29432	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
29445	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
29469	68111	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
29499	68111	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
29552	68111	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
29558	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29578	68111	Cadmium	0.282	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
29608	68111	Cadmium	1.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
29625	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29633	68111	Cadmium	1.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
29671	68111	Cadmium	1.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
29678	68111	Cadmium	0.483	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
29683	68111	Cadmium	0.668	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
29684	68111	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
29689	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
29717	68111	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
29777	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
29792	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29806	68111	Cadmium	0.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
29818	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29824	68111	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
29826	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29881	68111	Cadmium	1.83	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29927	68111	Cadmium	3.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
29953	68111	Cadmium	2.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
29974	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
29978	68111	Cadmium	0.3785	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	8E-06	--	--	--	--	2E-03	2E-04
29991	68111	Cadmium	3.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
29993	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30012	68111	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
30045	68111	Cadmium	0.685	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
30050	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30068	68111	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30078	68111	Cadmium	1.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
30081	68111	Cadmium	0.585	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
30123	68111	Cadmium	2.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
30130	68111	Cadmium	0.2725	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
30133	68111	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
30161	68111	Cadmium	1.915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
30169	68111	Cadmium	2.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
30171	68111	Cadmium	2.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
30177	68111	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
30182	68111	Cadmium	0.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
30201	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
30220	68111	Cadmium	0.266	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
30225	68111	Cadmium	3.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
30244	68111	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
30253	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30345	68111	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30347	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30387	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30417	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
30420	68111	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
30434	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30455	68111	Cadmium	0.439	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
30462	68111	Cadmium	0.88	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
30494	68111	Cadmium	0.727	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
30521	68111	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
30526	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30536	68111	Cadmium	2.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
30563	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30580	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
30625	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	8E-03	8E-04
30644	68111	Cadmium	0.3715	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
30645	68111	Cadmium	1.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
30683	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30699	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30700	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30714	68111	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
30757	68111	Cadmium	0.976	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30802	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30813	68111	Cadmium	3.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
30817	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
30836	68111	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
30841	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30844	68111	Cadmium	1.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
30881	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
30888	68111	Cadmium	0.2915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
30918	68111	Cadmium	0.2705	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
30927	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
30932	68111	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
30933	68111	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
30939	68111	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
30978	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
30991	68111	Cadmium	0.697	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
30995	68111	Cadmium	6.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
30997	68111	Cadmium	0.425	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
31008	68111	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
31042	68111	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
31045	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31046	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31052	68111	Cadmium	0.2875	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
31056	68111	Cadmium	2.86	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
31071	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31074	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31076	68111	Cadmium	0.917	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
31081	68111	Cadmium	0.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
31102	68111	Cadmium	0.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31104	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31120	68111	Cadmium	2.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
31129	68111	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
31131	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31141	68111	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
31145	68111	Cadmium	3.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
31163	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
31171	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31176	68111	Cadmium	3.74	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31206	68111	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
31229	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31237	68111	Cadmium	1.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
31262	68111	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
31300	68111	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
31303	68111	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
31316	68111	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
31357	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
31360	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31361	68111	Cadmium	2.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
31362	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
31365	68111	Cadmium	0.2815	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
31366	68111	Cadmium	2.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
31377	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
31398	68111	Cadmium	1.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
31408	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31433	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
31442	68111	Cadmium	0.277	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
31444	68111	Cadmium	2.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
31457	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
31478	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31517	68111	Cadmium	0.268	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
31583	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31603	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31607	68111	Cadmium	2.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
31615	68111	Cadmium	0.274	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
31695	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31698	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31733	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31740	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31799	68111	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
31803	68111	Cadmium	1.32	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
31823	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
31850	68111	Cadmium	1.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
31853	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31854	68111	Cadmium	0.655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
31858	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31868	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31871	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31882	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31887	68111	Cadmium	0.4635	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
31896	68111	Cadmium	3.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
31899	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31911	68111	Cadmium	3.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
31925	68111	Cadmium	2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
31936	68111	Cadmium	1.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
31964	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
31965	68111	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
31977	68111	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
31986	68111	Cadmium	2.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
32001	68111	Cadmium	5.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
32016	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32021	68111	Cadmium	0.605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32022	68111	Cadmium	0.465	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
32040	68111	Cadmium	2.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
32046	68111	Cadmium	2.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
32049	68111	Cadmium	6.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
32070	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
32081	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
32089	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32092	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
32153	68111	Cadmium	0.2605	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
32162	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32168	68111	Cadmium	0.505	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32208	68111	Cadmium	0.584	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32228	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32252	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32256	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
32261	68111	Cadmium	1.68	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
32267	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32276	68111	Cadmium	2.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
32277	68111	Cadmium	0.3385	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
32283	68111	Cadmium	0.283	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
32284	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
32287	68111	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
32293	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
32311	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32316	68111	Cadmium	4.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
32325	68111	Cadmium	0.2765	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
32339	68111	Cadmium	0.882	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
32346	68111	Cadmium	0.275	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
32414	68111	Cadmium	3.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
32418	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32428	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32455	68111	Cadmium	2.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
32456	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32458	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32497	68111	Cadmium	2.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
32502	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
32539	68111	Cadmium	0.636	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32547	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32562	68111	Cadmium	0.289	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
32581	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32596	68111	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
32633	68111	Cadmium	0.575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32673	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32678	68111	Cadmium	1.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
32686	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32696	68111	Cadmium	3.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
32702	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32708	68111	Cadmium	0.262	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
32736	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
32775	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32779	68111	Cadmium	0.858	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
32780	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32783	68111	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
32818	68111	Cadmium	0.2815	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
32847	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32851	68111	Cadmium	0.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
32852	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
32874	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32876	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32891	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32896	68111	Cadmium	2.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
32912	68111	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
32914	68111	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
32931	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
32940	68111	Cadmium	0.268	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
32949	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32968	68111	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
32972	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32973	68111	Cadmium	2.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
32974	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
32989	68111	Cadmium	1.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
32992	68111	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33009	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33012	68111	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33014	68111	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
33036	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33037	68111	Cadmium	1.87	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
33042	68111	Cadmium	0.2675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
33043	68111	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
33060	68111	Cadmium	2.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
33062	68111	Cadmium	2.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
33120	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33177	68111	Cadmium	1.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
33207	68111	Cadmium	0.2805	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
33296	68111	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33314	68111	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
33317	68111	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
33350	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33372	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
33392	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
33453	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
33456	68111	Cadmium	0.261	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
33480	68111	Cadmium	0.96	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
33492	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33600	68111	Cadmium	0.257	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
33607	68111	Cadmium	2.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
33630	68111	Cadmium	0.805	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
33631	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
33647	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33696	68111	Cadmium	0.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
33711	68111	Cadmium	0.425	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
33741	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
33772	68111	Cadmium	0.72	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
33803	68111	Cadmium	2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
33805	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
33806	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
33818	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
33831	68111	Cadmium	0.288	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
33833	68111	Cadmium	0.285	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
33856	68111	Cadmium	1.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
33863	68111	Cadmium	2.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
33875	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
33903	68111	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
33915	68111	Cadmium	1.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
33947	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34059	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
34060	68111	Cadmium	1.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
34075	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34088	68111	Cadmium	0.464	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
34126	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
34128	68111	Cadmium	1.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
34142	68111	Cadmium	1.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
34173	68111	Cadmium	0.525	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34179	68111	Cadmium	1.24	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
34200	68111	Cadmium	3.99	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
34219	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
34222	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34224	68111	Cadmium	4.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	9E-05	--	--	--	--	2E-02	2E-03
34225	68111	Cadmium	4.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
34247	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34251	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
34255	68111	Cadmium	2.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
34257	68111	Cadmium	2.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
34320	68111	Cadmium	0.4335	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	9E-06	--	--	--	--	2E-03	2E-04
34371	68111	Cadmium	1.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
34377	68111	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
34387	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
34396	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
34430	68111	Cadmium	0.724	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
34444	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34478	68111	Cadmium	0.485	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
34503	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34560	68111	Cadmium	6.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
34562	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34595	68111	Cadmium	6.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
34621	68111	Cadmium	2.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
34626	68111	Cadmium	1.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
34639	68111	Cadmium	0.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
34663	68111	Cadmium	0.888	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
34669	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34691	68111	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
34703	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
34766	68111	Cadmium	3.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
34778	68111	Cadmium	3.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
34888	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
34892	68111	Cadmium	0.278	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
34904	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
34917	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34923	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
34936	68111	Cadmium	0.3005	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
34948	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
34953	68111	Cadmium	1.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
34985	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
34993	68111	Cadmium	0.899	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
34999	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
35003	68111	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
35014	68111	Cadmium	0.603	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
35042	68111	Cadmium	4.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
35043	68111	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
35059	68111	Cadmium	4.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
35072	68111	Cadmium	0.812	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
35095	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35137	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
35152	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35223	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35233	68111	Cadmium	0.734	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
35242	68111	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
35252	68111	Cadmium	2.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
35273	68111	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
35285	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
35287	68111	Cadmium	1.85	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
35288	68111	Cadmium	0.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
35290	68111	Cadmium	1.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
35350	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35404	68111	Cadmium	3.42	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
35417	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
35458	68111	Cadmium	0.291	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
35495	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35503	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
35513	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
35517	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
35536	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
35575	68111	Cadmium	0.266	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
35614	68111	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
35619	68111	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
35786	68111	Cadmium	0.702	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
35821	68111	Cadmium	0.296	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
35822	68111	Cadmium	0.2905	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
35826	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
35935	68111	Cadmium	1.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
35943	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35947	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
35964	68111	Cadmium	4.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
35969	68111	Cadmium	2.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
36000	68111	Cadmium	1.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
36007	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
36015	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
36024	68111	Cadmium	2.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
36040	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
36046	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
36072	68111	Cadmium	1.51	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
36093	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
36116	68111	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
36138	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
36167	68111	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
36194	68111	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
36212	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
36238	68111	Cadmium	0.974	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
36246	68111	Cadmium	0.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
36251	68111	Cadmium	0.774	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
36257	68111	Cadmium	2.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
36259	68111	Cadmium	0.4085	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
36269	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
36325	68111	Cadmium	0.706	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
36356	68111	Cadmium	0.79	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
36408	68111	Cadmium	2.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
36410	68111	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
36427	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
36464	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
36467	68111	Cadmium	1.93	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
36507	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
36557	68111	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
36574	68111	Cadmium	5.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
36656	68111	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
36679	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
36701	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
36706	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
36936	68111	Cadmium	0.968	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
37023	68111	Cadmium	3.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
37025	68111	Cadmium	2.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
37031	68111	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
37036	68111	Cadmium	6.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
37049	68111	Cadmium	0.2915	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
37087	68111	Cadmium	1.41	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
37097	68111	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
37156	68111	Cadmium	0.4405	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
37189	68111	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
37193	68111	Cadmium	0.273	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
37210	68111	Cadmium	0.786	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
37219	68111	Cadmium	2.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
37223	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
37226	68111	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
37276	68111	Cadmium	2.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
37361	68111	Cadmium	0.2635	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
37402	68111	Cadmium	0.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
37465	68111	Cadmium	0.482	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
37470	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
37684	68111	Cadmium	0.677	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
37738	68111	Cadmium	2.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
37756	68111	Cadmium	6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
37907	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
37934	68111	Cadmium	0.701	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
38007	68111	Cadmium	3.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
38054	68111	Cadmium	3.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
38066	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
38087	68111	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
38202	68111	Cadmium	0.946	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
38210	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
38253	68111	Cadmium	0.526	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
38261	68111	Cadmium	3.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
38269	68111	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
38300	68111	Cadmium	4.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
38363	68111	Cadmium	1.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
38383	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
38407	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
38439	68111	Cadmium	0.783	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
38446	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
38449	68111	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
38527	68111	Cadmium	0.977	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
38585	68111	Cadmium	0.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
38587	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
38721	68111	Cadmium	1.93	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
38724	68111	Cadmium	0.641	1.00E-03	--	2.50E-05	--	4.

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49203	68111	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
49313	68111	Cadmium	2.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
49314	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
49319	68111	Cadmium	8.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
49341	68111	Cadmium	0.256	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
49345	68111	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
49354	68111	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
50024	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
50049	68111	Cadmium	0.989	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50080	68111	Cadmium	0.855	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
50105	68111	Cadmium	0.754	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
50107	68111	Cadmium	1.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
50120	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
50146	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50356	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50404	68111	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
50410	68111	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
50417	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
50424	68111	Cadmium	0.4995	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50434	68111	Cadmium	0.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50447	68111	Cadmium	0.258	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
63239	68111	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
63751	68111	Cadmium	4.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
68070	68111	Cadmium	0.764	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
68686	68111	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
73862	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
74664	68111	Cadmium	6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
75011	68111	Cadmium	0.902	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
77146	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
79703	68111	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
79704	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
87761	68111	Cadmium	0.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
89893	68111	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
90107	68111	Cadmium	6.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
91234	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
91335	68111	Cadmium	6.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
91926	68111	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
2269	68112	Cadmium	2.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
39755	68112	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
39951	68112	Cadmium	0.705	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
40194	68112	Cadmium	2.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
40523	68112	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
40879	68112	Cadmium	0.274	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
2097	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2156	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
2165	68131	Cadmium	1.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
5037	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5150	68131	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
5153	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5186	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5188	68131	Cadmium	1.25	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
5195	68131	Cadmium	2.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
5197	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5260	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5272	68131	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5278	68131	Cadmium	1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5298	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5377	68131	Cadmium	0.989	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5379	68131	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
5380	68131	Cadmium	1.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
22856	68131	Cadmium	2.95	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
23003	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23016	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23028	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23072	68131	Cadmium	0.675	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
23093	68131	Cadmium	5.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
23144	68131	Cadmium	0.305	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
23145	68131	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
23150	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23153	68131	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
23211	68131	Cadmium	2.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
23237	68131	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
23274	68131	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
23280	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23301	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23338	68131	Cadmium	1.09	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
23344	68131	Cadmium	0.595	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
23379	68131	Cadmium	0.2895	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
23399	68131	Cadmium	0.843	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
23425	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23433	68131	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
23442	68131	Cadmium	0.2535	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
23460	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23502	68131	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23539	68131	Cadmium	0.267	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
23577	68131	Cadmium	1.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
23580	68131	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
23584	68131	Cadmium	2.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
23586	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23611	68131	Cadmium	7.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
23634	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23673	68131	Cadmium	2.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
23675	68131	Cadmium	0.2795	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
23700	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23742	68131	Cadmium	6.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
23786	68131	Cadmium	5.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
23788	68131	Cadmium	4.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
23790	68131	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
23817	68131	Cadmium	1.61	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
23822	68131	Cadmium	3.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
23824	68131	Cadmium	0.744	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
23845	68131	Cadmium	4.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
23872	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23895	68131	Cadmium	1.69	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
23899	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
23922	68131	Cadmium	0.256	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
23930	68131	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
23961	68131	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
23967	68131	Cadmium	0.545	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
23968	68131	Cadmium	1.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
23985	68131	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
23986	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24000	68131	Cadmium	2.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
24010	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24019	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24027	68131	Cadmium	3.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
24098	68131	Cadmium	3.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
24109	68131	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
24119	68131	Cadmium	1.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
24126	68131	Cadmium	2.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
24132	68131	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
24141	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24156	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24162	68131	Cadmium	1.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
24182	68131	Cadmium	0.865	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
24190	68131	Cadmium	0.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
24214	68131	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
24240	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24272	68131	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
24274	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24277	68131	Cadmium	3.65	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
24334	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24348	68131	Cadmium	2.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
24357	68131	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
24358	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24367	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24370	68131	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
24374	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24376	68131	Cadmium	0.985	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
24390	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24396	68131	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
24411	68131	Cadmium	0.665	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
24451	68131	Cadmium	0.641	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
24457	68131	Cadmium	0.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
24577	68131	Cadmium	3.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
24601	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24605	68131	Cadmium	0.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
24635	68131	Cadmium	2.91	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
24640	68131	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
24655	68131	Cadmium	0.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
24674	68131	Cadmium	3.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
24692	68131	Cadmium	1.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
24693	68131	Cadmium	1.34	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
24703	68131	Cadmium	2.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
24740	68131	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
24751	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24757	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24768	68131	Cadmium	4.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
24776	68131	Cadmium	0.2765	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
24794	68131	Cadmium	2.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
24800	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24808	68131	Cadmium	3.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
24887	68131	Cadmium	4.71	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
24896	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24931	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
24958	68131	Cadmium	2.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
24962	68131	Cadmium	0.265	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
24964	68131	Cadmium	0.2615	1.00E-03	--	2.50E-05	--	4.47E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25063	68131	Cadmium	0.831	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
25078	68131	Cadmium	0.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
25096	68131	Cadmium	0.465	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
25130	68131	Cadmium	1.94	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
25133	68131	Cadmium	1.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
25137	68131	Cadmium	3.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
25167	68131	Cadmium	0.4935	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
25185	68131	Cadmium	1.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
25189	68131	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
25193	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25202	68131	Cadmium	0.266	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
25204	68131	Cadmium	1.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
25231	68131	Cadmium	3.22	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
25242	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25281	68131	Cadmium	5.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
25285	68131	Cadmium	1.48	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
25296	68131	Cadmium	0.59	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
25315	68131	Cadmium	0.4565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
25324	68131	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
25329	68131	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
25331	68131	Cadmium	1.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
25335	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25337	68131	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
25385	68131	Cadmium	1.74	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
25391	68131	Cadmium	1.38	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
25410	68131	Cadmium	2.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
25425	68131	Cadmium	1.27	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
25456	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25547	68131	Cadmium	0.726	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
25554	68131	Cadmium	0.654	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
25558	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
25579	68131	Cadmium	0.439	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
25604	68131	Cadmium	0.2895	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
25607	68131	Cadmium	7.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-03	2E-04	--	--	--	--	4E-02	4E-03
25634	68131	Cadmium	3.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
25657	68131	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
50446	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
89514	68131	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
93114	68131	Cadmium	6.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
93413	68131	Cadmium	4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
93419	68131	Cadmium	4.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
5139	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
5140	68132	Cadmium	2.31	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
5313	68132	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
5317	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49490	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49500	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49505	68132	Cadmium	0.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
49521	68132	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
49544	68132	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
49558	68132	Cadmium	1.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
49578	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
49618	68132	Cadmium	1.84	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
49625	68132	Cadmium	0.62	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49627	68132	Cadmium	0.97	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
49628	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
49642	68132	Cadmium	0.575	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49663	68132	Cadmium	1.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
49671	68132	Cadmium	0.935	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	5E-04
49672	68132	Cadmium	2.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
49676	68132	Cadmium	0.3625	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	8E-06	--	--	--	--	2E-03	2E-04
49678	68132	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
49682	68132	Cadmium	2.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
49697	68132	Cadmium	0.64	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49701	68132	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
49704	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
49716	68132	Cadmium	1.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
49717	68132	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49724	68132	Cadmium	1.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
49725	68132	Cadmium	0.515	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49726	68132	Cadmium	3.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
49727	68132	Cadmium	0.459	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
49736	68132	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
49739	68132	Cadmium	2.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
49759	68132	Cadmium	2.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
49760	68132	Cadmium	1.67	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
49774	68132	Cadmium	0.2645	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
49781	68132	Cadmium	0.881	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
49783	68132	Cadmium	0.848	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
49793	68132	Cadmium	1.66	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
49800	68132	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
49806	68132	Cadmium	1.81	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
49812	68132	Cadmium	0.806	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
49819	68132	Cadmium	0.557	1.00E-03	--	2.50E-05	--	4.47

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49853	68132	Cadmium	0.515	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49855	68132	Cadmium	0.694	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
49863	68132	Cadmium	0.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
49884	68132	Cadmium	1.46	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
49892	68132	Cadmium	0.378	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	8E-06	--	--	--	--	2E-03	2E-04
49902	68132	Cadmium	0.3425	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
49907	68132	Cadmium	0.602	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49911	68132	Cadmium	1.15	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
49913	68132	Cadmium	0.664	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49918	68132	Cadmium	2.13	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
49922	68132	Cadmium	0.52	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49929	68132	Cadmium	0.273	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
49931	68132	Cadmium	1.11	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
49936	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
49941	68132	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
49943	68132	Cadmium	1.17	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	5E-03	6E-04
49953	68132	Cadmium	0.609	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49956	68132	Cadmium	0.645	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49958	68132	Cadmium	0.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
49961	68132	Cadmium	0.29	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
49971	68132	Cadmium	0.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
49974	68132	Cadmium	1.18	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
49986	68132	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
49994	68132	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
49995	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
50479	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50484	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
50485	68132	Cadmium	1.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
50536	68132	Cadmium	2.19	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	5E-05	--	--	--	--	1E-02	1E-03
51190	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51214	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51217	68132	Cadmium	1.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
51225	68132	Cadmium	1.295	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
51228	68132	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
51234	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51256	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51263	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51270	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51278	68132	Cadmium	0.585	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51280	68132	Cadmium	0.3885	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	8E-06	--	--	--	--	2E-03	2E-04
51327	68132	Cadmium	2.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
51349	68132	Cadmium	0.2405	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	5E-06	--	--	--	--	1E-03	1E-04
51361	68132	Cadmium	0.724	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
51369	68132	Cadmium	0.871	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
51381	68132	Cadmium	3.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
51391	68132	Cadmium	1.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
51392	68132	Cadmium	0.805	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
51394	68132	Cadmium	0.3315	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
51401	68132	Cadmium	1.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
51412	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
51437	68132	Cadmium	0.75	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
51440	68132	Cadmium	3.78	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	8E-05	--	--	--	--	2E-02	2E-03
51457	68132	Cadmium	1.28	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	6E-04
51483	68132	Cadmium	0.3425	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-05	7E-06	--	--	--	--	2E-03	2E-04
51492	68132	Cadmium	0.282	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
51504	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
51512	68132	Cadmium	1.73	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
51519	68132	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
51525	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
51544	68132	Cadmium	5.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
51546	68132	Cadmium	1.77	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
51551	68132	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
51569	68132	Cadmium	1.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
51587	68132	Cadmium	1.06	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
51588	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
51598	68132	Cadmium	1.44	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
51600	68132	Cadmium	1.35	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
51607	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51630	68132	Cadmium	3.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
51640	68132	Cadmium	0.535	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51645	68132	Cadmium	1.53	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
51646	68132	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
51659	68132	Cadmium	1.14	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	6E-04
51667	68132	Cadmium	3.21	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	2E-02	2E-03
51671	68132	Cadmium	0.665	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51676	68132	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
51705	68132	Cadmium	2.36	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	5E-05	--	--	--	--	1E-02	1E-03
51706	68132	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
51708	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51710	68132	Cadmium	0.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51712	68132	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
51735	68132	Cadmium	3.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
51750	68132	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
51752	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51780	68132	Cadmium	1.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	8E-04
51785	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51790	68132	Cadmium	0.855	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
51800	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51803	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51805	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
51807	68132	Cadmium	4.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	2E-03
51808	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51820	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51829	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51840	68132	Cadmium	1.47	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
51844	68132	Cadmium	6.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
51846	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
51847	68132	Cadmium	3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
51854	68132	Cadmium	1.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
51855	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51857	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51861	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51863	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51866	68132	Cadmium	0.565	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51872	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51897	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51918	68132	Cadmium	0.726	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	4E-04
51921	68132	Cadmium	0.571	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
51938	68132	Cadmium	0.3035	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
51946	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
51949	68132	Cadmium	2.9	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
51959	68132	Cadmium	3.55	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
51960	68132	Cadmium	5.6	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
51972	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
51990	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
51997	68132	Cadmium	6.07	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
52023	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
52035	68132	Cadmium	1.01	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
52046	68132	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
52054	68132	Cadmium	2.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	1E-03
52059	68132	Cadmium	0.45	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-05	1E-05	--	--	--	--	2E-03	2E-04
52075	68132	Cadmium	0.478	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	2E-04
52078	68132	Cadmium	0.3145	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	7E-06	--	--	--	--	1E-03	2E-04
52080	68132	Cadmium	0.988	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
52085	68132	Cadmium	1.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
52090	68132	Cadmium	0.76	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
52091	68132	Cadmium	1.8	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	8E-03	9E-04
52097	68132	Cadmium	0.277	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
52101	68132	Cadmium	0.267	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
52106	68132	Cadmium	1.43	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
52112	68132	Cadmium	0.2665	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
52119	68132	Cadmium	1.49	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
52122	68132	Cadmium	3.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
52128	68132	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
52129	68132	Cadmium	3.57	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
52137	68132	Cadmium	0.296	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
52140	68132	Cadmium	0.886	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
52141	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	7E-03	7E-04
52150	68132	Cadmium	0.2885	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
52155	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
52158	68132	Cadmium	2.82	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
52166	68132	Cadmium	1.63	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	8E-04
52167	68132	Cadmium	0.2645	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-05	6E-06	--	--	--	--	1E-03	1E-04
52177	68132	Cadmium	1.83	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	4E-04	4E-05	--	--	--	--	9E-03	9E-04
52178	68132	Cadmium	1.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	3E-05	--	--	--	--	6E-03	7E-04
52181	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
52186	68132	Cadmium	1.23	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	3E-05	--	--	--	--	6E-03	6E-04
52187	68132	Cadmium	1.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	3E-04	4E-05	--	--	--	--	8E-03	9E-04
52190	68132	Cadmium	0.283	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
52192	68132	Cadmium	4.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	9E-04	1E-04	--	--	--	--	2E-02	2E-03
52198	68132	Cadmium	2.7	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	5E-04	6E-05	--	--	--	--	1E-02	1E-03
52202	68132	Cadmium	0.695	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	2E-05	--	--	--	--	3E-03	3E-04
52206	68132	Cadmium	3.39	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
52214	68132	Cadmium	1.02	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
52226	68132	Cadmium	3.33	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	7E-05	--	--	--	--	2E-02	2E-03
52228	68132	Cadmium	0.397	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-05	9E-06	--	--	--	--	2E-03	2E-04
52243	68132	Cadmium	2.92	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	6E-05	--	--	--	--	1E-02	1E-03
52244	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	2E-03	3E-04
52246	68132	Cadmium	0.768	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	4E-03	4E-04
52327	68132	Cadmium	3.03	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-04	7E-05	--	--	--	--	1E-02	2E-03
52336	68132	Cadmium	3.89	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	8E-04	9E-05	--	--	--	--	2E-02	2E-03
52356	68132	Cadmium	3.58	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	7E-04	8E-05	--	--	--	--	2E-02	2E-03
52357	68132	Cadmium	5.4	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	3E-02	3E-03
52367	68132	Cadmium	1.05	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	2E-04	2E-05	--	--	--	--	5E-03	5E-04
52378	68132	Cadmium	0.283	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	6E-05	6E-06	--	--	--	--	1E-03	1E-04
52386	68132	Cadmium	5.1	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03
52387	68132	Cadmium	0.634	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-04	1E-05	--	--	--	--	3E-03	3E-04
52411	68132	Cadmium	1.12	1.00E-03	--	2.50E-05	--	4.47

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cadmium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
92431	68132	Cadmium	5.3	1.00E-03	--	2.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	1E-03	1E-04	--	--	--	--	2E-02	3E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22493	68102	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25567	68102	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25717	68102	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25720	68102	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
25914	68102	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
90101	68102	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2133	68104	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5026	68104	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5143	68104	Chromium III	35.346	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
5144	68104	Chromium III	48.418	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
5145	68104	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5147	68104	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50647	68104	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
1626	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2229	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2299	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2300	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2308	68105	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2441	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
2448	68105	Chromium III	4.644	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
2465	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
3076	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
3118	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5054	68105	Chromium III	19.178	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5057	68105	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
5105	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5109	68105	Chromium III	44.29	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
5110	68105	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5112	68105	Chromium III	33.712	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
5117	68105	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5123	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5128	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5129	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5132	68105	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5134	68105	Chromium III	18.49	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5325	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5338	68105	Chromium III	72.67	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
5347	68105	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5351	68105	Chromium III	0.11008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-07	4E-08	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-07	4E-08
5352	68105	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5355	68105	Chromium III	22.962	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
5356	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5357	68105	Chromium III	18.146	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
5359	68105	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5361	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5363	68105	Chromium III	18.748	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5364	68105	Chromium III	86.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
5365	68105	Chromium III	48.59	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
5367	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5486	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5488	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5489	68105	Chromium III	38.614	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
5495	68105	Chromium III	121.26	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
5509	68105	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5610	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12784	68105	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12864	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12875	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12886	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12964	68105	Chromium III	29.412	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
12995	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13069	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13073	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13092	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13166	68105	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13185	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13187	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13191	68105	Chromium III	8.6	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13204	68105	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13209	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13237	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13240	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13245	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13248	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13273	68105	Chromium III	26.746	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
13283	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13322	68105	Chromium III	14.749	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13336	68105	Chromium III	19.178	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
13370	68105	Chromium III	22.102	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
13381	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13389	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13403	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13437	68105	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13438	68105	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13460	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13476	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13573	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13577	68105	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13611	68105	Chromium III	40.764	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
13656	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13690	68105	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13731	68105	Chromium III	28.38	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
13735	68105	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13741	68105	Chromium III	20.726	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
13745	68105	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
13779	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13790	68105	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
13791	68105	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13793	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13851	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13863	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13869	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13871	68105	Chromium III	17.63	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
13880	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13918	68105	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13919	68105	Chromium III	35.948	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
13935	68105	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13984	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14003	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14024	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14050	68105	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
14063	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14080	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14098	68105	Chromium III	20.296	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14199	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14238	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14322	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14326	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14341	68105	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14407	68105	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14410	68105	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14460	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
14492	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14525	68105	Chromium III	19.608	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14528	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14536	68105	Chromium III	18.748	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14544	68105	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14556	68105	Chromium III	32.336	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
14557	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14577	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
14602	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
14647	68105	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14656	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14688	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14718	68105	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14739	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14752	68105	Chromium III	20.296	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14780	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14817	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14823	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14860	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14885	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14913	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14959	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14964	68105	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14976	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14992	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
15003	68105	Chromium III	109.091	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
15044	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15045	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15058	68105	Chromium III	21.844	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
15060	68105	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15091	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15106	68105	Chromium III	18.49	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
15166	68105	Chromium III	18.146	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
15227	68105	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15231	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15255	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15278	68105	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15279	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
15292	68105	Chromium III	18.06	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
15299	68105	Chromium III	20.812	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
15308	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15317	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15329	68105	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15336	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
15348	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
15363	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
15372	68105	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
15416	68105	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15496	68105	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15519	68105	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15526	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
15577	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult CTE
15587	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15611	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15651	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15686	68105	Chromium III	19.092	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
15695	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15728	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15801	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15835	68105	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
15842	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15871	68105	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15891	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15918	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15959	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
15985	68105	Chromium III	40.936	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
15988	68105	Chromium III	7.7142	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
16027	68105	Chromium III	33.712	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
16072	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16094	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16098	68105	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16123	68105	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16155	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16169	68105	Chromium III	30.702	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
16182	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16186	68105	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16230	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16236	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
16243	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16271	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16308	68105	Chromium III	25.628	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
16309	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16321	68105	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16333	68105	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16364	68105	Chromium III	8.342	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
16365	68105	Chromium III	18.92	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
16384	68105	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16395	68105	Chromium III	27.692	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
16420	68105	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16472	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16473	68105	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16478	68105	Chromium III	21.844	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
16486	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16499	68105	Chromium III	20.124	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
16545	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16572	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16589	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16618	68105	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
16646	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16668	68105	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16749	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16772	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16777	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16793	68105	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16851	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
16866	68105	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16869	68105	Chromium III	21.844	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
16889	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
16893	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16922	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16928	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16946	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16963	68105	Chromium III	22.102	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
16974	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17040	68105	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17055	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
17065	68105	Chromium III	37.41	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
17076	68105	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17097	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17108	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17142	68105	Chromium III	27.176	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
17179	68105	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17198	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17199	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17270	68105	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17298	68105	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17300	68105	Chromium III	18.662	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
17348	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17374	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17379	68105	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17542	68105	Chromium III	25.284	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
17557	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17719	68105	Chromium III	20.382	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
17725	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17745	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
17753	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17802	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17803	68105	Chromium III	33.368	1.50E+00	--	1.95E-02

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult
17876	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
17899	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17918	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17934	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17935	68105	Chromium III	23.392	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
18036	68105	Chromium III	24.94	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
18133	68105	Chromium III	8.686	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18147	68105	Chromium III	18.232	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
18177	68105	Chromium III	21.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
18187	68105	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18189	68105	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
18281	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18321	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18349	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18452	68105	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18453	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18469	68105	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
18499	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18561	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
18573	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18598	68105	Chromium III	42.14	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
18610	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18654	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18661	68105	Chromium III	23.134	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
18673	68105	Chromium III	21.758	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
18676	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18693	68105	Chromium III	22.274	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
18757	68105	Chromium III	33.368	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
18787	68105	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18797	68105	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18825	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18839	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18871	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18882	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18898	68105	Chromium III	34.4	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
18927	68105	Chromium III	24.94	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
18934	68105	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19015	68105	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19028	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19127	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19129	68105	Chromium III	37.926	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
19169	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19288	68105	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
19310	68105	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
19334	68105	Chromium III	117.82	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
19344	68105	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19448	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19485	68105	Chromium III	4.2699	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
19489	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19496	68105	Chromium III	21.672	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
19561	68105	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19602	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19612	68105	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19655	68105	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19671	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19676	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19728	68105	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19729	68105	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
19768	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19787	68105	Chromium III	20.812	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
19791	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19812	68105	Chromium III	4.1409	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
19831	68105	Chromium III	6.708	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
19839	68105	Chromium III	4.4032	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
19858	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19864	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19915	68105	Chromium III	19.608	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
19923	68105	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
19932	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
19938	68105	Chromium III	18.49	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
19972	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19976	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19987	68105	Chromium III	19.78	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
20069	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
20080	68105	Chromium III	61.662	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
20105	68105	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20110	68105	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20128	68105	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20170	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20218	68105	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
20236	68105	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20313	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20315	68105	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20342	68105	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20420	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20426	68105	Chromium III	9.116	1.50E+00	--	1.95E-02	--

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20470	68105	Chromium III	32.766	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
20471	68105	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20477	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20506	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
20510	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20535	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20545	68105	Chromium III	65.704	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
20557	68105	Chromium III	20.64	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
20584	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20590	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
20603	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20610	68105	Chromium III	38.184	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
20612	68105	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20656	68105	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20674	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20685	68105	Chromium III	32.164	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
20702	68105	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20759	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20777	68105	Chromium III	4.472	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
20823	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20845	68105	Chromium III	2.408	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-06	8E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-06	8E-07
20856	68105	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
20883	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20908	68105	Chromium III	21.414	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
20925	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20945	68105	Chromium III	31.132	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
20961	68105	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20964	68105	Chromium III	64.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
21005	68105	Chromium III	7.2498	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
21012	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
21019	68105	Chromium III	33.97	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
21053	68105	Chromium III	5.418	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
21064	68105	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
21068	68105	Chromium III	35.26	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
21079	68105	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21097	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
21110	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21136	68105	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
21143	68105	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21148	68105	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21150	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21265	68105	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
21268	68105	Chromium III	45.064	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
21283	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
21309	68105	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21336	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
21355	68105	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
21390	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21394	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21436	68105	Chromium III	8.514	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21454	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21490	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21498	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21513	68105	Chromium III	55.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
21535	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
21551	68105	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21560	68105	Chromium III	20.124	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
21565	68105	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21578	68105	Chromium III	70.434	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
21609	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21614	68105	Chromium III	20.898	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
21625	68105	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21653	68105	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21677	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21689	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21705	68105	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21714	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
21720	68105	Chromium III	98.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
21724	68105	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
21730	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
21744	68105	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21811	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21815	68105	Chromium III	20.296	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
21822	68105	Chromium III	18.06	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
21836	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
21881	68105	Chromium III	3.7324	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
21884	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21901	68105	Chromium III	19.78	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
21916	68105	Chromium III	22.188	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
21925	68105	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
21941	68105	Chromium III	8.5484	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21956	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21981	68105	Chromium III	24.854	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
21985	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
21989	68105	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22006	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
22013	68105	Chromium III	19.436	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06

OLS_Property_ZIP_

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE		CTE							CTE		CTE							CTE	CTE	CTE
								Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
22024	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
22025	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
22027	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
22034	68105	Chromium III	20.21	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
22036	68105	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
22039	68105	Chromium III	23.306	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
22044	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
22046	68105	Chromium III	89.44	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
22056	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
22061	68105	Chromium III	24.08	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
22074	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
22079	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
22080	68105	Chromium III	20.21	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
22177	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
22181	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22183	68105	Chromium III	4.988	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
22230	68105	Chromium III	21.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
22273	68105	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
22295	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
22320	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22344	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
22358	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22386	68105	Chromium III	29.67	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
22399	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
22405	68105	Chromium III	18.318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
22453	68105	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
22563	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22574	68105	Chromium III	24.854	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
22636	68105	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
22715	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
22716	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
22754	68105	Chromium III	25.628	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
22772	68105	Chromium III	19.866	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
22832	68105	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49272	68105	Chromium III	20.984	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
49289	68105	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
50528	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
50574	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
90427	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
93120	68105	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
93354	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93358	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93364	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
93381	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51011	68106	Chromium III	24.682	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
51029	68106	Chromium III	5.074	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
51034	68106	Chromium III	28.982	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
51037	68106	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51041	68106	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51046	68106	Chromium III	5.633	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
51047	68106	Chromium III	39.474	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51052	68106	Chromium III	68.026	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
51058	68106	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51064	68106	Chromium III	2.064	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-06	7E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-06	7E-07
51065	68106	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51079	68106	Chromium III	28.982	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
51080	68106	Chromium III	27.692	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
51082	68106	Chromium III	23.478	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
51089	68106	Chromium III	26.316	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
51093	68106	Chromium III	3.7367	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
51101	68106	Chromium III	41.968	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51102	68106	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51113	68106	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51116	68106	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51118	68106	Chromium III	40.592	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51120	68106	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51123	68106	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51126	68106	Chromium III	40.506	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51127	68106	Chromium III	19.608	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51132	68106	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51133	68106	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51143	68106	Chromium III	5.332	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
51155	68106	Chromium III	21.414	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
51158	68106	Chromium III	30.874	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
51160	68106	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51162	68106	Chromium III	23.736	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
51184	68106	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2030	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2038	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
2056	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2104	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2124	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
2167	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2206	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2220	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2252	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
2273	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

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TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE							CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
2292	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2496	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2499	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
3003	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
3021	68107	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
3074	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
3121	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5066	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5076	68107	Chromium III	25.198	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
5130	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5157	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5159	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
5161	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5163	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5165	68107	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5166	68107	Chromium III	77.916	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
5172	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5176	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5178	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5180	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5182	68107	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5183	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5185	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5211	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5212	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10008	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10018	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10044	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10046	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10072	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10073	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10088	68107	Chromium III	8.6	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10095	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10111	68107	Chromium III	21.156	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
10130	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10134	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10214	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10241	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10290	68107	Chromium III	4.2054	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
10295	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
10299	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10310	68107	Chromium III	39.818	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
10328	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10329	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10387	68107	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10401	68107	Chromium III	18.92	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
10403	68107	Chromium III	22.36	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
10425	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
10432	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10455	68107	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
10458	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10468	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10471	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
10484	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10492	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10500	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10508	68107	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10513	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10538	68107	Chromium III	7.74	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
10543	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10548	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10578	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
10582	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10622	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10633	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10650	68107	Chromium III	4.73	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
10654	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10662	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10670	68107	Chromium III	51.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
10687	68107	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
10707	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10720	68107	Chromium III	30.874	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
10735	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10738	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10794	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
10814	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10822	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10831	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10834	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10842	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10848	68107	Chromium III	7.5852	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
10858	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10860	68107	Chromium III	21.5	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
10870	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10876	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10877	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10880	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
10895	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10909	68107	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
10914	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10920	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10925	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10931	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10938	68107	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
10944	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
10947	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
10950	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
10965	68107	Chromium III	28.294	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
10970	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
10990	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
10991	68107	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
11036	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11069	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11070	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11082	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11094	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11107	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11118	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11142	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11155	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
11172	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11179	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11191	68107	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11194	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11203	68107	Chromium III	16.684	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11208	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
11222	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11230	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
11232	68107	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11233	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11246	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11258	68107	Chromium III	19.35	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
11268	68107	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11272	68107	Chromium III	21.672	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
11283	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11303	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11309	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11312	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11312	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11321	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11343	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
11349	68107	Chromium III	21.328	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
11367	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11372	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
11385	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11387	68107	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11400	68107	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11403	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11408	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11410	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11416	68107	Chromium III	45.15	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
11423	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11439	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11444	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
11449	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11465	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11469	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11491	68107	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11494	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11523	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
11552	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11558	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11568	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11599	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11601	68107	Chromium III	104.92	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
11603	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11604	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11609	68107	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11614	68107	Chromium III	27.176	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
11661	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11686	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11711	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
11741	68107	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
11754	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
11765	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11777	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11807	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11829	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
11842	68107	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11865	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
11894	68107	Chromium III	19.178	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
11902	68107	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11910	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
11941	68107	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
11960	68107	Chromium III	7.3874	1.50E+00	--	1.95E-02

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11982	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12002	68107	Chromium III	20.296	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
12009	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12012	68107	Chromium III	17.63	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
12037	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12047	68107	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
12086	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12114	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12116	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
12118	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12124	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12126	68107	Chromium III	18.834	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
12152	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12166	68107	Chromium III	21.5	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
12194	68107	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12206	68107	Chromium III	8.4366	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12220	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12227	68107	Chromium III	23.994	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
12239	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
12290	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
12296	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
12338	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12344	68107	Chromium III	25.714	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
12351	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12372	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
12388	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
12407	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12410	68107	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
12414	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
12424	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12439	68107	Chromium III	7.8088	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
12449	68107	Chromium III	25.198	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
12457	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12506	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12514	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12529	68107	Chromium III	23.392	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
12530	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12547	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
12551	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
12567	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12572	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12588	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
12590	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12605	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
12644	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12667	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
12714	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12729	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12741	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12755	68107	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12761	68107	Chromium III	4.1108	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
12794	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
12830	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
12848	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
12858	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12871	68107	Chromium III	16.684	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13038	68107	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
13045	68107	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43676	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43691	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43698	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43703	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43711	68107	Chromium III	6.837	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
43729	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
43736	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43744	68107	Chromium III	6.8714	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
43746	68107	Chromium III	3.2293	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
43771	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43790	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43793	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
43800	68107	Chromium III	24.94	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
43813	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43843	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
43853	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43869	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43874	68107	Chromium III	21.93	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
43892	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43912	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
43933	68107	Chromium III	5.16	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
43942	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43945	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43949	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43962	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
43978	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44002	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44025	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44037	68107	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
44047	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44063	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44066	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44076	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44104	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44107	68107	Chromium III	7.6798	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
44112	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
44127	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
44130	68107	Chromium III	21.242	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
44133	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
44137	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44145	68107	Chromium III	26.23	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
44153	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44157	68107	Chromium III	24.08	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
44177	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44184	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44185	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44198	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44202	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44220	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44225	68107	Chromium III	28.036	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
44233	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44236	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44237	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
44248	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44299	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44319	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44348	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44416	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44446	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44452	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
44455	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44456	68107	Chromium III	24.51	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
44465	68107	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
44475	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44482	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44483	68107	Chromium III	21.414	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
44490	68107	Chromium III	20.726	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
44503	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44507	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44508	68107	Chromium III	3.5862	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
44519	68107	Chromium III	35.002	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
44526	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44528	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44529	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
44531	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44536	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44539	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44546	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44549	68107	Chromium III	18.232	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
44556	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44567	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
44578	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44581	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44589	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44590	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44592	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
44597	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44617	68107	Chromium III	8.2474	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
44619	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44623	68107	Chromium III	29.068	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
44626	68107	Chromium III	19.436	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
44636	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44640	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
44644	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44668	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44700	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44711	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44725	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44727	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44738	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44740	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44741	68107	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
44747	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44753	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44755	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
44756	68107	Chromium III	8.6	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44768	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44790	68107	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
44798	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44810	68107	Chromium III	5.59	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
44814	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44822	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44854	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44857	68107	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
44869	68107	Chromium III	19.35	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
44877	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44902	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44923	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44927	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44935	68107	Chromium III	6.02	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
44939	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44943	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44955	68107	Chromium III	7.1724	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
44959	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
44969	68107	Chromium III	39.818	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
44979	68107	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
44980	68107	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44984	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
44987	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
44996	68107	Chromium III	6.493	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
45004	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45005	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45018	68107	Chromium III	19.35	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
45020	68107	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45023	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45034	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45044	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45056	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
45072	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45073	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45077	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45078	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45084	68107	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45118	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45147	68107	Chromium III	26.746	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
45150	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45156	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45166	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
45167	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45183	68107	Chromium III	23.908	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
45188	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45195	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45199	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45206	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45213	68107	Chromium III	6.536	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
45223	68107	Chromium III	6.235	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
45227	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
45236	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45244	68107	Chromium III	19.264	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
45259	68107	Chromium III	26.488	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
45265	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45269	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45298	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45300	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45303	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45304	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
45305	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45321	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45343	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45350	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45356	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45364	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45370	68107	Chromium III	8.6	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45390	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45393	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45404	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45411	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
45423	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45424	68107	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45447	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45458	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45460	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45475	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45484	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45487	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45494	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45495	68107	Chromium III	8.299	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
45503	68107	Chromium III	8.385	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45530	68107	Chromium III	3.9474	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
45533	68107	Chromium III	32.422	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
45564	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45566	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45574	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45584	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45608	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45609	68107	Chromium III	8.3162	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
45624	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45626	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45645	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
45646	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45648	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45662	68107	Chromium III	6.4758	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
45663	68107	Chromium III	20.382	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE		CTE							CTE		CTE							CTE	CTE	CTE
								Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
45678	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45698	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45724	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45725	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45728	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45739	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45741	68107	Chromium III	28.122	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
45747	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45764	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45767	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45770	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45786	68107	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
45787	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45789	68107	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
45811	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45822	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45837	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
45840	68107	Chromium III	18.834	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
45849	68107	Chromium III	18.146	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
45854	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45883	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45906	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45921	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45923	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45927	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45955	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
45970	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45984	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
45988	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
45999	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46035	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46049	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46050	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46052	68107	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
46071	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46073	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46091	68107	Chromium III	20.468	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
46103	68107	Chromium III	8.5828	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46107	68107	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46118	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46122	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46127	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46133	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46145	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46150	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46164	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46168	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46180	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46187	68107	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46210	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46214	68107	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46241	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46247	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46260	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46279	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46297	68107	Chromium III	7.3358	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
46346	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46347	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46363	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46368	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46380	68107	Chromium III	5.074	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
46399	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46423	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46432	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46448	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46461	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46469	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46472	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46473	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46474	68107	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46478	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46490	68107	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
46493	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46494	68107	Chromium III	18.834	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
46498	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46505	68107	Chromium III	5.977	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
46509	68107	Chromium III	22.102	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
46527	68107	Chromium III	5.031	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
46566	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46579	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46583	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46610	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46626	68107	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46628	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46637	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46655	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46662	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46664	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46672	68107	Chromium III	5.719	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
46673	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46683	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46698	68107	Chromium III	4.73	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
46699	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46708	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46712	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46725	68107	Chromium III	5.59	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
46727	68107	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46731	68107	Chromium III	41.624	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
46743	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46763	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46764	68107	Chromium III	4.2183	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
46772	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46776	68107	Chromium III	4.558	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
46792	68107	Chromium III	3.139	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-06	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-06	1E-06
46794	68107	Chromium III	4.0076	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
46805	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46808	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46815	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46835	68107	Chromium III	3.698	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
46852	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
46857	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46864	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46867	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46893	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
46916	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46919	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46934	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46954	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
46964	68107	Chromium III	23.908	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
46976	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
46994	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
46998	68107	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47021	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47030	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47038	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47046	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47047	68107	Chromium III	30.96	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
47052	68107	Chromium III	19.694	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
47058	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47088	68107	Chromium III	24.94	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
47090	68107	Chromium III	7.31	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47106	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47139	68107	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47140	68107	Chromium III	21.93	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
47147	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47148	68107	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
47149	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47163	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47172	68107	Chromium III	153.08	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
47179	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47181	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47196	68107	Chromium III	8.514	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47203	68107	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47206	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47215	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47216	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47217	68107	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47218	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47223	68107	Chromium III	7.74	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47249	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47250	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47259	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47274	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47275	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47279	68107	Chromium III	4.515	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
47291	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47293	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47296	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47311	68107	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47312	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47315	68107	Chromium III	5.461	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47320	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47322	68107	Chromium III	32.164	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
47338	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47339	68107	Chromium III	18.232	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
47356	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47368	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47380	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47382	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
47385	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47390	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47417	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47421	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47424	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47425	68107	Chromium III	5.246	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47440	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47452	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47475	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47485	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47511	68107	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47514	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47518	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47526	68107	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47544	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47553	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47565	68107	Chromium III	23.306	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
47566	68107	Chromium III	22.274	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
47604	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47610	68107	Chromium III	4.0506	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
47617	68107	Chromium III	5.848	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47621	68107	Chromium III	21.93	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
47627	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47649	68107	Chromium III	7.267	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47656	68107	Chromium III	19.952	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
47670	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
47681	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47706	68107	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47708	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47761	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47768	68107	Chromium III	22.876	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
47783	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47795	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47797	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47811	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47813	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47816	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
47820	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47838	68107	Chromium III	29.498	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
47841	68107	Chromium III	6.708	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47860	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47867	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47886	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47895	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47924	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
47930	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
47934	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
47939	68107	Chromium III	21.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
47952	68107	Chromium III	19.006	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
47966	68107	Chromium III	6.4844	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
47969	68107	Chromium III	19.694	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
48003	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48006	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48014	68107	Chromium III	26.058	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
48016	68107	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48018	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48036	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
48043	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
48048	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48056	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48092	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48116	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48118	68107	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48120	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48135	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48141	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48150	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48167	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48232	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48245	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
48261	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48271	68107	Chromium III	7.138	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
48292	68107	Chromium III	27.778	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
48308	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48327	68107	Chromium III	5.117	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
48334	68107	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
48341	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48359	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48367	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48368	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48380	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48416	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48418	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48434	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48494	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48495	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48508	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48510	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48525	68107	Chromium III	25.8	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
48547	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48553	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48578	68107	Chromium III	19.522	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER				CANCER									NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE					
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48583	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48589	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48593	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48596	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
48620	68107	Chromium III	23.134	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
48636	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48639	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48641	68107	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48654	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48661	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48668	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48674	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48685	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48694	68107	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48708	68107	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48715	68107	Chromium III	22.79	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
48721	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48733	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48736	68107	Chromium III	43.258	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
48747	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48768	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48798	68107	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48815	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48821	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48836	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48846	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48855	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
48871	68107	Chromium III	4.0721	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
48886	68107	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
48900	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
48904	68107	Chromium III	18.92	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
48944	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48952	68107	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
48963	68107	Chromium III	18.06	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
48973	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48975	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48977	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
48999	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49012	68107	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49036	68107	Chromium III	3.3067	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
49070	68107	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49081	68107	Chromium III	22.36	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
49082	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
49085	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49098	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
49117	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49126	68107	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49167	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49208	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
49239	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49249	68107	Chromium III	4.945	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
49371	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49383	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49395	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49404	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
49435	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49439	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49441	68107	Chromium III	6.837	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
49444	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50137	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50139	68107	Chromium III	7.2326	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
50140	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50141	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50144	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50158	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50185	68107	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50191	68107	Chromium III	7.74	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
50192	68107	Chromium III	6.7338	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
50193	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50214	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
50243	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50244	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50246	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50249	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50276	68107	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50284	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50286	68107	Chromium III	33.368	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
50292	68107	Chromium III	8.3076	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
50293	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50294	68107	Chromium III	8.5484	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50299	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50300	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50313	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50325	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50326	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50335	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50359	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50360	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50361	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50362	68107	Chromium III	8.342	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
50537	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
76891	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
89377	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
89408	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2170	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2518	68108	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2521	68108	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2522	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2527	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2532	68108	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5225	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5227	68108	Chromium III	23.048	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
5229	68108	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5284	68108	Chromium III	19.78	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5300	68108	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5304	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5306	68108	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5332	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5387	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5390	68108	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5394	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5395	68108	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5398	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5403	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5407	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5408	68108	Chromium III	22.79	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
5409	68108	Chromium III	4.3	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
5416	68108	Chromium III	43.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
5418	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5422	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5425	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5426	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5427	68108	Chromium III	19.006	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5429	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5431	68108	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5432	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5449	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5450	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5454	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5460	68108	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5463	68108	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5467	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5472	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5473	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5474	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5480	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5483	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5485	68108	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5492	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5505	68108	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5572	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5607	68108	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5608	68108	Chromium III	20.124	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
5623	68108	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
5628	68108	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5630	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5636	68108	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5637	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5652	68108	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12816	68108	Chromium III	45.322	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
12859	68108	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12926	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
12947	68108	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
13102	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13164	68108	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13184	68108	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13189	68108	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13239	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13267	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13436	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
13485	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13529	68108	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13530	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13536	68108	Chromium III	17.63	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
13575	68108	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
13645	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13661	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13674	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13675	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13760	68108	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
13773	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
13795	68108	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
13941	68108	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14043	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult CTE
14076	68108	Chromium III	6.9316	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
14079	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
14130	68108	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14140	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14203	68108	Chromium III	6.0286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
14270	68108	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14279	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14290	68108	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14438	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14449	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14481	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14486	68108	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
14497	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14537	68108	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14545	68108	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14576	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14578	68108	Chromium III	8.4194	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14617	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14660	68108	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
14692	68108	Chromium III	20.296	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
14720	68108	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
14818	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14825	68108	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
14849	68108	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14855	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14878	68108	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
14914	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
14998	68108	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15001	68108	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15051	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15053	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
15116	68108	Chromium III	1.9952	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-06	6E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-06	6E-07
15135	68108	Chromium III	24.94	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
15248	68108	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15256	68108	Chromium III	26.144	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
15266	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
15337	68108	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
15443	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15468	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15601	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15603	68108	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
15687	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15748	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15768	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
15915	68108	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
15939	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
15955	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15966	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
15980	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16006	68108	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16126	68108	Chromium III	7.8604	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
16135	68108	Chromium III	7.6454	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
16137	68108	Chromium III	18.232	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
16145	68108	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16261	68108	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16267	68108	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16319	68108	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16349	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16446	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16530	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16556	68108	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16581	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
16595	68108	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
16599	68108	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
16711	68108	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
16813	68108	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
16973	68108	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17004	68108	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
17005	68108	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17022	68108	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17242	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17247	68108	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17282	68108	Chromium III	73.96	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
17316	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17323	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17335	68108	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
17360	68108	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
17414	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17416	68108	Chromium III	22.532	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
17417	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17418	68108	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17461	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17498	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17550	68108	Chromium III	7.998	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
17671	68108	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
17699	68108	Chromium III	5.5814

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE							CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
17701	68108	Chromium III	29.756	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
17703	68108	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
17732	68108	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17778	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
17840	68108	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
17849	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17861	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17864	68108	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17865	68108	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17908	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
17945	68108	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
17963	68108	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
17968	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
17985	68108	Chromium III	4.8676	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
18129	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18148	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18179	68108	Chromium III	6.794	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
18198	68108	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
18218	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18222	68108	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18249	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18328	68108	Chromium III	8.084	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
18330	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18339	68108	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18385	68108	Chromium III	35.002	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
18422	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
18435	68108	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18461	68108	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18486	68108	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
18532	68108	Chromium III	19.092	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
18547	68108	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18597	68108	Chromium III	50.052	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
18634	68108	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18664	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
18687	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18691	68108	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18697	68108	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18712	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18718	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18749	68108	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
18800	68108	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
18802	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18833	68108	Chromium III	26.23	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
18890	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18903	68108	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
18943	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
18968	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
18988	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19030	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19116	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19126	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19153	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19190	68108	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
19343	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19371	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19373	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19417	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19440	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19444	68108	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
19474	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
19640	68108	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
19660	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
19680	68108	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
19792	68108	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19875	68108	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
19920	68108	Chromium III	18.146	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
19988	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20044	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20137	68108	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20149	68108	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
20168	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20169	68108	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20244	68108	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20285	68108	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20287	68108	Chromium III	7.9722	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
20344	68108	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
20367	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20464	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20467	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20567	68108	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
20588	68108	Chromium III	6.622	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
20608	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
20629	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20671	68108	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
20746	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
20752	68108	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
20831	68108	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

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Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
20881	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
20922	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21123	68108	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21190	68108	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21502	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
21582	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
21729	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
21863	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22203	68108	Chromium III	4.0979	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
22282	68108	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50453	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
50624	68108	Chromium III	33.626	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
74047	68108	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
79306	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
87989	68108	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
88004	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
88031	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
89842	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
90601	68108	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
92372	68108	Chromium III	8.514	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93003	68108	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
93522	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2069	68110	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
2280	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2354	68110	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
2355	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2539	68110	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
3136	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5258	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5388	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5520	68110	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5525	68110	Chromium III	21.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
5527	68110	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5530	68110	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5532	68110	Chromium III	21.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
5536	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5541	68110	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5544	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5546	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5551	68110	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5559	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5560	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5561	68110	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5563	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5565	68110	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5566	68110	Chromium III	21.242	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
5612	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5614	68110	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5641	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5650	68110	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5651	68110	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26122	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26133	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26234	68110	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26341	68110	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26410	68110	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26447	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26465	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26527	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26550	68110	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26762	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27034	68110	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27069	68110	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27291	68110	Chromium III	3.7582	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
27435	68110	Chromium III	19.436	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
27589	68110	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27592	68110	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27683	68110	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27704	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27756	68110	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27815	68110	Chromium III	4.6784	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
27822	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27826	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27840	68110	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27844	68110	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27884	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27907	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27927	68110	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27984	68110	Chromium III	19.436	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
28074	68110	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28075	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28120	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28167	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28226	68110	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28335	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28360	68110	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28404	68110	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

OLS_Property_ZIP_chromiumIII.xls: Res_

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult CTE
28421	68110	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28455	68110	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28501	68110	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28550	68110	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28591	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28647	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
28670	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28711	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28717	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28726	68110	Chromium III	25.112	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
28905	68110	Chromium III	7.654	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
28977	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28999	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29058	68110	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29063	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29084	68110	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29093	68110	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29095	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29117	68110	Chromium III	24.166	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
29135	68110	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29207	68110	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29238	68110	Chromium III	6.2866	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
29257	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29271	68110	Chromium III	5.7706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
29283	68110	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29290	68110	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29332	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29360	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29361	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29393	68110	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29421	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29493	68110	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
29500	68110	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29505	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29550	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29610	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29634	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29665	68110	Chromium III	8.5484	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29753	68110	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29774	68110	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29786	68110	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29795	68110	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29844	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29877	68110	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
29887	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29911	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29913	68110	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29920	68110	Chromium III	8.2216	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
29921	68110	Chromium III	27.606	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
29934	68110	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29942	68110	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29943	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
30017	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30172	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30189	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30210	68110	Chromium III	5.6674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
30291	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30394	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30410	68110	Chromium III	23.22	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
30422	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30443	68110	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
30469	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30470	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
30500	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30551	68110	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30556	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30566	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30575	68110	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30633	68110	Chromium III	27.262	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
30651	68110	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30688	68110	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30705	68110	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30786	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
30803	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
30870	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30954	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30980	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31097	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31153	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31174	68110	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31223	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31231	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31350	68110	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31401	68110	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31568	68110	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31645	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31760	68110	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31814	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31832	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31959	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32019	68110	Chromium III	27.004	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
32039	68110	Chromium III	27.692	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
32043	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32063	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32214	68110	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32373	68110	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32484	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32508	68110	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
32529	68110	Chromium III	8.1786	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
32536	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32570	68110	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32645	68110	Chromium III	43.43	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
32707	68110	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32727	68110	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32733	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32734	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32875	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32903	68110	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32915	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32927	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32996	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33078	68110	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33084	68110	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
33280	68110	Chromium III	19.092	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
33421	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33468	68110	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33472	68110	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33477	68110	Chromium III	8.514	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33483	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33512	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33519	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33543	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33555	68110	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
33602	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33629	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33635	68110	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33714	68110	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
33725	68110	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33840	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33927	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34002	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
34047	68110	Chromium III	57.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
34116	68110	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
34237	68110	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34260	68110	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34266	68110	Chromium III	23.994	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
34272	68110	Chromium III	8.0238	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
34276	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34287	68110	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34613	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34625	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
34638	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34674	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34696	68110	Chromium III	18.318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
34710	68110	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34733	68110	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34738	68110	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34742	68110	Chromium III	8.686	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34821	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35022	68110	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
35047	68110	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
35180	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
35183	68110	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35249	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35384	68110	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35438	68110	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35501	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35558	68110	Chromium III	21.328	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
35589	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
35637	68110	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35710	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35754	68110	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35787	68110	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35792	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35793	68110	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36189	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
37075	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37434	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
37456	68110	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
37525	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37674	68110	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
37821	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38725	68110	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult
38863	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
39142	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
39271	68110	Chromium III	6.235	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
39434	68110	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
39572	68110	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
55636	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
74149	68110	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
79377	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
81398	68110	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
81400	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
87991	68110	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
90908	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
91449	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
92501	68110	Chromium III	8.342	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
92675	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93337	68110	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93338	68110	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93342	68110	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93344	68110	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
93345	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
2035	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2075	68111	Chromium III	29.928	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
2103	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2109	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2118	68111	Chromium III	3.4701	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
2121	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2126	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
2154	68111	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2179	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2216	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2225	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2231	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2262	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2365	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2425	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
2565	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
3046	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
3051	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
3058	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
3091	68111	Chromium III	32.852	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
3133	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
3151	68111	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5013	68111	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5085	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5170	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5171	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5204	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5206	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5208	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5215	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5221	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5230	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5232	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5234	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5236	68111	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5238	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5240	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5242	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5246	68111	Chromium III	21.844	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
5288	68111	Chromium III	21.586	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
5296	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5330	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5333	68111	Chromium III	8.686	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5513	68111	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5514	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5618	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25647	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
25663	68111	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
25670	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25708	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25709	68111	Chromium III	7.912	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
25750	68111	Chromium III	8.5312	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25780	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25786	68111	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25794	68111	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
25804	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25805	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
25834	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
25849	68111	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25869	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25874	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25877	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25894	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25903	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25918	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25921	68111

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25985	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26005	68111	Chromium III	18.92	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
26009	68111	Chromium III	20.64	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
26011	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26030	68111	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26042	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
26043	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26045	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
26053	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26084	68111	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
26100	68111	Chromium III	27.434	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
26124	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26135	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
26142	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26149	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26160	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26164	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26191	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26199	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
26202	68111	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26204	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26211	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26215	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26228	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26229	68111	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26231	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26249	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26257	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26263	68111	Chromium III	123.84	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
26288	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
26289	68111	Chromium III	23.994	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
26290	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26295	68111	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
26303	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26327	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26372	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26428	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26456	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26459	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26480	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26485	68111	Chromium III	8.1356	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
26514	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26518	68111	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26543	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26570	68111	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26604	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26653	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26663	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26665	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26682	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26695	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26716	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26742	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26757	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26759	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26772	68111	Chromium III	19.78	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
26779	68111	Chromium III	38.012	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
26783	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26834	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26844	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26858	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
26865	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26868	68111	Chromium III	7.6024	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
26869	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26877	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26891	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26948	68111	Chromium III	22.532	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
26955	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26967	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
26996	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
26997	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
26999	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27005	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27031	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27038	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27052	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27074	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27096	68111	Chromium III	122.12	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
27107	68111	Chromium III	3.5432	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
27117	68111	Chromium III	8.428	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27120	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27137	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27138	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27139	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27140	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27142	68111	Chromium III	19.092	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
27144	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27145	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27148	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27177	68111	Chromium III	1.9264	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-06	6E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-06	6E-07
27185	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27191	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27193	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27202	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27264	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27266	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27269	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27278	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27308	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27315	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27318	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27342	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27347	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27366	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27369	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27399	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27402	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27446	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27461	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27467	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27475	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27481	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27488	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27524	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27567	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27581	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27585	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27604	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27608	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27630	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27632	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27658	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27718	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
27734	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27739	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
27742	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27764	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27768	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27780	68111	Chromium III	16.684	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27854	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27859	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
27885	68111	Chromium III	20.124	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
27886	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
27913	68111	Chromium III	5.2288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
27920	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
27924	68111	Chromium III	7.6196	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
27939	68111	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
27962	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28004	68111	Chromium III	19.78	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
28011	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28019	68111	Chromium III	23.564	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
28020	68111	Chromium III	7.568	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
28022	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28045	68111	Chromium III	23.736	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
28065	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28072	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28105	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28108	68111	Chromium III	36.464	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
28144	68111	Chromium III	19.35	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
28148	68111	Chromium III	7.009	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
28154	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28157	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28185	68111	Chromium III	6.966	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
28186	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28188	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28218	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28222	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28273	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28284	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28329	68111	Chromium III	19.092	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
28338	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28375	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28377	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28417	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
28423	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28434	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28518	68111	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
28544	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28558	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28561	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28573	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28611	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
28612	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28618	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

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Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
28623	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28625	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28648	68111	Chromium III	34.056	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
28661	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28688	68111	Chromium III	5.7706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
28709	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28713	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28725	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28730	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28749	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28763	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28764	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28766	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
28781	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28785	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28798	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28799	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28809	68111	Chromium III	7.095	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
28811	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28819	68111	Chromium III	8.385	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
28836	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28837	68111	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28841	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28846	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28893	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
28909	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28942	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
28959	68111	Chromium III	21.414	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
28963	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28967	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
28984	68111	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
28991	68111	Chromium III	37.066	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
29002	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29023	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29033	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29037	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29071	68111	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29090	68111	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
29101	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29102	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29105	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29155	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29165	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29175	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29177	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29181	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29204	68111	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
29205	68111	Chromium III	30.874	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
29214	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29220	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29240	68111	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29248	68111	Chromium III	6.407	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
29274	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29285	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29328	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29343	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29354	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29358	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29386	68111	Chromium III	7.181	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
29409	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29431	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29432	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29445	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29469	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29499	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29552	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29558	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
29578	68111	Chromium III	17.63	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
29608	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29625	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29633	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29671	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29678	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29683	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29684	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29689	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
29717	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29777	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29792	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29806	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29818	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29824	68111	Chromium III	7.3702	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
29826	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29881	68111	Chromium III	19.264	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
29889	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29910	68111	Chromium III	18.92	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
29912	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06

OLS_Property_ZIP_chromiumIII.xls: Res_

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29927	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
29953	68111	Chromium III	20.984	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
29974	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
29978	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
29991	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
29993	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
30012	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30045	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30050	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30068	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30078	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30081	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30123	68111	Chromium III	22.876	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
30130	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30133	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30161	68111	Chromium III	18.834	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
30169	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
30171	68111	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30177	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30182	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30201	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30220	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30225	68111	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
30244	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30253	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30345	68111	Chromium III	28.208	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
30347	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30387	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30417	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30420	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30434	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30455	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30462	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30494	68111	Chromium III	7.7916	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
30521	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30526	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30536	68111	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
30563	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30580	68111	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
30625	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30644	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30645	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30683	68111	Chromium III	7.138	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
30699	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30700	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30714	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
30757	68111	Chromium III	31.046	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
30802	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
30813	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30817	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30836	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30841	68111	Chromium III	21.156	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
30844	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30881	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30888	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
30918	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
30927	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30932	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30933	68111	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
30939	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30978	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
30991	68111	Chromium III	20.898	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
30995	68111	Chromium III	19.952	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
30997	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31008	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31042	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31045	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31046	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31052	68111	Chromium III	8.4022	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31056	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31071	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31074	68111	Chromium III	26.746	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
31076	68111	Chromium III	7.7314	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
31081	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31102	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31104	68111	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31120	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31129	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31131	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31141	68111	Chromium III	26.488	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
31145	68111	Chromium III	29.24	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
31163	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31171	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31176	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31186	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31189	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31192	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
31206	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31229	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31237	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31262	68111	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31300	68111	Chromium III	21.5	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
31303	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31316	68111	Chromium III	78.432	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	3E-05
31357	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31360	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31361	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31362	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31365	68111	Chromium III	29.498	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
31366	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31377	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31398	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31408	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31433	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31442	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31444	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31457	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31478	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31517	68111	Chromium III	25.628	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
31583	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31603	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31607	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
31615	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31695	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31698	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31733	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31740	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31799	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31803	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
31823	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31850	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31853	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
31854	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31858	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31868	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31871	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31882	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31887	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31896	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31899	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
31911	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
31925	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31936	68111	Chromium III	25.628	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
31964	68111	Chromium III	22.36	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
31965	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
31977	68111	Chromium III	19.952	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
31986	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32001	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32016	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32021	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32022	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32040	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32046	68111	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
32049	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32070	68111	Chromium III	8.6	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32081	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32089	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32092	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32153	68111	Chromium III	19.178	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
32162	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32168	68111	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
32208	68111	Chromium III	7.8088	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
32228	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
32252	68111	Chromium III	142.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	5E-05
32256	68111	Chromium III	19.35	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
32261	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32267	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32276	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
32277	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32283	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32284	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32287	68111	Chromium III	19.952	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
32293	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32311	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32316	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32325	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32339	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32346	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32414	68111	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
32418	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
32428	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32429	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
32441	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32444	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

OLS_Property_ZIP_chromiumIII.xls: Res_So

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
32455	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32456	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32458	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32497	68111	Chromium III	20.64	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
32502	68111	Chromium III	24.768	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
32539	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32547	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32562	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32581	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32596	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32633	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32673	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32678	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32686	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32696	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32702	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32708	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32736	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32775	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32779	68111	Chromium III	7.955	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
32780	68111	Chromium III	25.456	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
32783	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32818	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32847	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32851	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32852	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
32874	68111	Chromium III	8.686	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32876	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
32891	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32896	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32912	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
32914	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
32931	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
32940	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32949	68111	Chromium III	23.65	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
32968	68111	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
32972	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32973	68111	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32974	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
32989	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
32992	68111	Chromium III	51.256	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
33009	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33012	68111	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33014	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33036	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33037	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33042	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33043	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33060	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33062	68111	Chromium III	24.166	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
33120	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33177	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33207	68111	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33296	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33314	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33317	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33350	68111	Chromium III	8.686	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33372	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33392	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33453	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33456	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33480	68111	Chromium III	19.35	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
33492	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33600	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33607	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33630	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33631	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33647	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33696	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33711	68111	Chromium III	6.794	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
33741	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33772	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33803	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33805	68111	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33806	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33818	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
33831	68111	Chromium III	26.23	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
33833	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
33856	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33863	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
33875	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
33903	68111	Chromium III	17.286	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
33915	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
33947	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
33997	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
34037	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34040	68111	Chromium III	19.436	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34059	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
34060	68111	Chromium III	34.658	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
34075	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34088	68111	Chromium III	25.284	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
34126	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34128	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
34142	68111	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
34173	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34179	68111	Chromium III	6.6564	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
34200	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34219	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34222	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
34224	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34225	68111	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
34247	68111	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
34251	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34255	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
34257	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34320	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34371	68111	Chromium III	19.178	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
34377	68111	Chromium III	21.156	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
34387	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34396	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
34430	68111	Chromium III	6.364	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
34444	68111	Chromium III	31.648	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
34478	68111	Chromium III	7.9808	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
34503	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34560	68111	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
34562	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34595	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34621	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34626	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
34639	68111	Chromium III	5.375	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
34663	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
34669	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34691	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
34703	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34766	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34778	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34888	68111	Chromium III	48.59	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
34892	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34904	68111	Chromium III	73.53	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
34917	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34923	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34936	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
34948	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34953	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34985	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34993	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
34999	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35003	68111	Chromium III	16.598	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35014	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35042	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35043	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35059	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35072	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
35095	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35137	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35152	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
35223	68111	Chromium III	20.296	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
35233	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35242	68111	Chromium III	24.854	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
35252	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35273	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35285	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35287	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35288	68111	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35290	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35350	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35404	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35417	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
35458	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35495	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35503	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35513	68111	Chromium III	31.046	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
35517	68111	Chromium III	34.314	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
35536	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35575	68111	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35614	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35619	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
35786	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35821	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35822	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
35826	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
35830	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35877	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
35921	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult CTE
35935	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
35943	68111	Chromium III	33.626	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
35947	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
35964	68111	Chromium III	23.134	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
35969	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36000	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
36007	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36015	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36024	68111	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
36040	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
36046	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36072	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36093	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36116	68111	Chromium III	18.49	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
36138	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36167	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36194	68111	Chromium III	15.394	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
36212	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
36238	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36246	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
36251	68111	Chromium III	18.748	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
36257	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36259	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
36269	68111	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
36325	68111	Chromium III	8.4624	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36356	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36408	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
36410	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36427	68111	Chromium III	7.052	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
36464	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
36467	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
36507	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
36557	68111	Chromium III	27.262	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
36574	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
36656	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36679	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
36701	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
36706	68111	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
36936	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37023	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37025	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
37031	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
37036	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37049	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
37087	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37097	68111	Chromium III	24.338	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
37156	68111	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
37189	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
37193	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
37210	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
37219	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37223	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
37226	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37276	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37361	68111	Chromium III	5.6416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
37402	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37465	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
37470	68111	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
37684	68111	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37738	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
37756	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
37907	68111	Chromium III	18.748	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
37934	68111	Chromium III	22.188	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
38007	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
38054	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
38066	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
38087	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
38202	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38210	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38253	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
38261	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
38269	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38300	68111	Chromium III	24.338	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
38363	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
38383	68111	Chromium III	29.584	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
38407	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38439	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
38446	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
38449	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
38527	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38585	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
38587	68111	Chromium III	39.732	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
38721	68111	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
38724	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
38759	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
38780

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49203	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49313	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49314	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49319	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49341	68111	Chromium III	7.5852	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
49345	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49354	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50024	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
50049	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
50080	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
50105	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
50107	68111	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50120	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50146	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50356	68111	Chromium III	8.1356	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
50404	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50410	68111	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50417	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
50424	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
50434	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
50447	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
63239	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
63751	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
68070	68111	Chromium III	6.6994	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
68686	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
73862	68111	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
74664	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
75011	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
77146	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
79703	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
79704	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
87761	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
89893	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
90107	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
91234	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
91335	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
91926	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
2269	68112	Chromium III	18.318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
39755	68112	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
39951	68112	Chromium III	16.684	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
40194	68112	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
40523	68112	Chromium III	45.494	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
40879	68112	Chromium III	24.252	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
2097	68131	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
2156	68131	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
2165	68131	Chromium III	18.318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
5037	68131	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5150	68131	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5153	68131	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5186	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5188	68131	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5195	68131	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5197	68131	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
5260	68131	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5272	68131	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5278	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5298	68131	Chromium III	23.736	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
5377	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5379	68131	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
5380	68131	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
22856	68131	Chromium III	22.016	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
23003	68131	Chromium III	24.682	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
23016	68131	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23028	68131	Chromium III	3.3196	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
23072	68131	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
23093	68131	Chromium III	7.826	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
23144	68131	Chromium III	49.708	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
23145	68131	Chromium III	18.318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
23150	68131	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
23153	68131	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23211	68131	Chromium III	34.658	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
23237	68131	Chromium III	17.63	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
23274	68131	Chromium III	34.83	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
23280	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23301	68131	Chromium III	7.3788	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
23338	68131	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23344	68131	Chromium III	15.996	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
23379	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
23399	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23425	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
23433	68131	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23442	68131	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23460	68131	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23502	68131	Chromium III	8.428	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
23512	68131	Chromium III	23.306	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
23532	68131	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
23537	68131	Chromium III	27.09	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

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Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
23539	68131	Chromium III	18.146	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
23577	68131	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
23580	68131	Chromium III	24.94	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
23584	68131	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
23586	68131	Chromium III	15.738	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
23611	68131	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23634	68131	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
23673	68131	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
23675	68131	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
23700	68131	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
23742	68131	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23786	68131	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
23788	68131	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
23790	68131	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23817	68131	Chromium III	17.544	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
23822	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
23824	68131	Chromium III	14.018	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23845	68131	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23872	68131	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
23895	68131	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
23899	68131	Chromium III	8.3076	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
23922	68131	Chromium III	19.522	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
23930	68131	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
23961	68131	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
23967	68131	Chromium III	21.156	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
23968	68131	Chromium III	18.49	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
23985	68131	Chromium III	0.86	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
23986	68131	Chromium III	8.3764	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
24000	68131	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24010	68131	Chromium III	21.93	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
24019	68131	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24027	68131	Chromium III	27.52	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
24098	68131	Chromium III	19.092	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
24109	68131	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
24119	68131	Chromium III	18.318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
24126	68131	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
24132	68131	Chromium III	19.866	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
24141	68131	Chromium III	22.102	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
24156	68131	Chromium III	26.23	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
24162	68131	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24182	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
24190	68131	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
24214	68131	Chromium III	20.468	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
24240	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24272	68131	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24274	68131	Chromium III	29.412	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
24277	68131	Chromium III	177.16	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
24334	68131	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24348	68131	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24357	68131	Chromium III	25.198	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
24358	68131	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
24367	68131	Chromium III	14.964	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
24370	68131	Chromium III	16.512	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
24374	68131	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24376	68131	Chromium III	5.762	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
24390	68131	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
24396	68131	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24411	68131	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
24451	68131	Chromium III	10.492	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24457	68131	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24577	68131	Chromium III	41.022	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
24601	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24605	68131	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
24635	68131	Chromium III	18.576	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
24640	68131	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24655	68131	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24674	68131	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
24692	68131	Chromium III	3.182	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-06	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-06	1E-06
24693	68131	Chromium III	32.078	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
24703	68131	Chromium III	9.374	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24740	68131	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24751	68131	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
24757	68131	Chromium III	17.458	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
24768	68131	Chromium III	7.826	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
24776	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
24794	68131	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24800	68131	Chromium III	10.406	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24808	68131	Chromium III	9.546	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24887	68131	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24896	68131	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24931	68131	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
24958	68131	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
24962	68131	Chromium III	19.952	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
24964	68131	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25005	68131	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25009	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25061	68131	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06

OLS_Property_ZIP_chromiumIII.xls: Res_

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	CTE		CTE							CTE		CTE									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25063	68131	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25078	68131	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25096	68131	Chromium III	12.47	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25130	68131	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25133	68131	Chromium III	22.532	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
25137	68131	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25167	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25185	68131	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
25189	68131	Chromium III	45.58	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
25193	68131	Chromium III	30.186	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
25202	68131	Chromium III	6.837	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
25204	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
25231	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25242	68131	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25281	68131	Chromium III	29.326	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
25285	68131	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25296	68131	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25315	68131	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25324	68131	Chromium III	12.556	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25329	68131	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25331	68131	Chromium III	15.652	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
25335	68131	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25337	68131	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25385	68131	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
25391	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
25410	68131	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25425	68131	Chromium III	35.002	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
25456	68131	Chromium III	8.686	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
25547	68131	Chromium III	8.2388	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
25554	68131	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25558	68131	Chromium III	2.2704	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-06	7E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-06	7E-07
25579	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
25604	68131	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25607	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
25634	68131	Chromium III	11.094	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
25657	68131	Chromium III	16.168	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
50446	68131	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
89514	68131	Chromium III	10.062	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
93114	68131	Chromium III	25.026	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
93413	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
93419	68131	Chromium III	20.898	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
5139	68132	Chromium III	22.532	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
5140	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
5313	68132	Chromium III	50.482	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
5317	68132	Chromium III	9.116	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49490	68132	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49500	68132	Chromium III	36.722	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
49505	68132	Chromium III	43.344	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
49521	68132	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
49544	68132	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
49558	68132	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49578	68132	Chromium III	36.98	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
49618	68132	Chromium III	17.974	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
49625	68132	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
49627	68132	Chromium III	17.888	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
49628	68132	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49642	68132	Chromium III	50.826	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
49663	68132	Chromium III	21.758	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
49671	68132	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49672	68132	Chromium III	9.804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49676	68132	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49678	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49682	68132	Chromium III	10.75	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49697	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49701	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49704	68132	Chromium III	11.18	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49716	68132	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49717	68132	Chromium III	179.74	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
49724	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49725	68132	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49726	68132	Chromium III	13.244	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49727	68132	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49736	68132	Chromium III	11.954	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49739	68132	Chromium III	8.858	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49759	68132	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49760	68132	Chromium III	13.588	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49774	68132	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49781	68132	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49783	68132	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49793	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
49800	68132	Chromium III	9.202	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49806	68132	Chromium III	10.578	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49812	68132	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49819	68132	Chromium III	19.522	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
49833	68132	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49846	68132	Chromium III	10.836	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49852	68132	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

Page

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult
49853	68132	Chromium III	25.714	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
49855	68132	Chromium III	20.124	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
49863	68132	Chromium III	17.114	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49884	68132	Chromium III	49.536	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
49892	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49902	68132	Chromium III	6.1318	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
49907	68132	Chromium III	11.008	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49911	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49913	68132	Chromium III	17.028	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49918	68132	Chromium III	11.61	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49922	68132	Chromium III	4.816	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
49929	68132	Chromium III	6.622	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
49931	68132	Chromium III	12.298	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49936	68132	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
49941	68132	Chromium III	9.976	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49943	68132	Chromium III	12.642	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49953	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49956	68132	Chromium III	4.73	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
49958	68132	Chromium III	11.524	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49961	68132	Chromium III	9.288	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49971	68132	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
49974	68132	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
49986	68132	Chromium III	32.164	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
49994	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
49995	68132	Chromium III	12.728	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
50479	68132	Chromium III	9.89	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
50484	68132	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
50485	68132	Chromium III	15.05	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
50536	68132	Chromium III	37.582	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51190	68132	Chromium III	44.548	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51214	68132	Chromium III	39.99	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51217	68132	Chromium III	18.49	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51225	68132	Chromium III	47.816	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	2E-05
51228	68132	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51234	68132	Chromium III	26.23	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
51256	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51263	68132	Chromium III	21.414	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
51270	68132	Chromium III	21.672	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
51278	68132	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
51280	68132	Chromium III	4.687	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
51327	68132	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51349	68132	Chromium III	0.9804	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-06	3E-07	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-06	3E-07
51361	68132	Chromium III	22.532	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
51369	68132	Chromium III	31.648	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	1E-05
51381	68132	Chromium III	79.894	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	3E-05
51391	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51392	68132	Chromium III	25.886	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
51394	68132	Chromium III	27.692	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
51401	68132	Chromium III	8.514	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
51412	68132	Chromium III	32.164	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51437	68132	Chromium III	151.36	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
51440	68132	Chromium III	14.878	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51457	68132	Chromium III	27.606	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
51483	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51492	68132	Chromium III	37.496	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51504	68132	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51512	68132	Chromium III	43.688	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51519	68132	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51525	68132	Chromium III	38.356	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51544	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51546	68132	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51551	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51569	68132	Chromium III	22.446	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
51587	68132	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51588	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51598	68132	Chromium III	106.64	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
51600	68132	Chromium III	200.38	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
51607	68132	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
51630	68132	Chromium III	11.696	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
51640	68132	Chromium III	5.375	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
51645	68132	Chromium III	16.684	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51646	68132	Chromium III	18.404	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
51659	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51667	68132	Chromium III	12.814	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51671	68132	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
51676	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51705	68132	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51706	68132	Chromium III	19.866	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51708	68132	Chromium III	13.502	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51710	68132	Chromium III	16.426	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51712	68132	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51735	68132	Chromium III	26.488	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
51750	68132	Chromium III	13.932	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51752	68132	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51767	68132	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51769	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	TOXICITY VALUES ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Child	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Adult	RISK FROM INGESTION OF SOIL CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Child	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child CTE	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult CTE
51780	68132	Chromium III	28.036	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
51785	68132	Chromium III	36.12	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51790	68132	Chromium III	15.566	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51800	68132	Chromium III	16.942	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51803	68132	Chromium III	20.038	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51805	68132	Chromium III	16.684	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51807	68132	Chromium III	11.868	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51808	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
51820	68132	Chromium III	16.77	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51829	68132	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51840	68132	Chromium III	10.234	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
51844	68132	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51846	68132	Chromium III	27.95	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
51847	68132	Chromium III	19.694	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
51854	68132	Chromium III	34.4	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51855	68132	Chromium III	14.362	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51857	68132	Chromium III	25.456	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
51861	68132	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
51863	68132	Chromium III	12.384	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51866	68132	Chromium III	11.438	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
51872	68132	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51897	68132	Chromium III	16.082	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51918	68132	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51921	68132	Chromium III	13.846	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
51938	68132	Chromium III	10.922	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
51946	68132	Chromium III	7.31	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	2E-06
51949	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
51959	68132	Chromium III	344	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51960	68132	Chromium III	45.064	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
51972	68132	Chromium III	14.448	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
51990	68132	Chromium III	10.148	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
51997	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52023	68132	Chromium III	20.812	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
52035	68132	Chromium III	33.368	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-04	1E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-04	1E-05
52046	68132	Chromium III	17.716	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
52054	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52059	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52075	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52078	68132	Chromium III	12.04	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52080	68132	Chromium III	17.372	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
52085	68132	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
52090	68132	Chromium III	51.084	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
52091	68132	Chromium III	13.416	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52097	68132	Chromium III	21.758	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
52101	68132	Chromium III	15.136	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52106	68132	Chromium III	22.36	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	7E-06
52112	68132	Chromium III	12.986	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52119	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
52122	68132	Chromium III	14.792	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
52128	68132	Chromium III	8.084	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-05	3E-06
52129	68132	Chromium III	16.34	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52137	68132	Chromium III	20.812	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
52140	68132	Chromium III	13.674	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52141	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52150	68132	Chromium III	19.694	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
52155	68132	Chromium III	20.554	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
52158	68132	Chromium III	74.82	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
52166	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
52167	68132	Chromium III	16.254	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52177	68132	Chromium III	29.326	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-05	9E-06
52178	68132	Chromium III	27.176	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
52181	68132	Chromium III	12.126	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52186	68132	Chromium III	14.276	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
52187	68132	Chromium III	17.2	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52190	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
52192	68132	Chromium III	8.944	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
52198	68132	Chromium III	16.856	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52202	68132	Chromium III	63.64	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
52206	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52214	68132	Chromium III	21.07	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	7E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	7E-06
52226	68132	Chromium III	26.746	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	9E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	9E-06
52228	68132	Chromium III	99.76	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
52243	68132	Chromium III	17.802	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
52244	68132	Chromium III	19.608	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-05	6E-06
52246	68132	Chromium III	14.706	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
52327	68132	Chromium III	14.19	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
52336	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
52356	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	5E-06
52357	68132	Chromium III	11.266	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	4E-06
52367	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52378	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52386	68132	Chromium III	26.574	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-05	8E-06
52387	68132	Chromium III	13.33	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	4E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	4E-06
52411	68132	Chromium III	17.63	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-05	6E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-05	6E-06
63007	68132	Chromium III	14.62	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
66781	68132	Chromium III	11.782	1.50E+00	--	1.95E-02	--	4.47E-06

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium III

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
92431	68132	Chromium III	10.664	1.50E+00	--	1.95E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22493	68102	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25567	68102	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25717	68102	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25720	68102	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25914	68102	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90101	68102	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2133	68104	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5026	68104	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5143	68104	Chromium VI	5.754	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5144	68104	Chromium VI	7.882	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5145	68104	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5147	68104	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50647	68104	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1626	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2229	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2299	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2300	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2308	68105	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2441	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2448	68105	Chromium VI	0.756	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
2465	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3076	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3118	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5054	68105	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5057	68105	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5105	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5109	68105	Chromium VI	7.21	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5110	68105	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5112	68105	Chromium VI	5.488	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5117	68105	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5123	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5128	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5129	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5132	68105	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5134	68105	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5325	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5338	68105	Chromium VI	11.83	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5347	68105	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5351	68105	Chromium VI	0.01792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-05	3E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-05	3E-06
5352	68105	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5355	68105	Chromium VI	3.738	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5356	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5357	68105	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5359	68105	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5361	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5363	68105	Chromium VI	3.052	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5364	68105	Chromium VI	14.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5365	68105	Chromium VI	7.91	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5367	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5486	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5488	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5489	68105	Chromium VI	6.286	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
5495	68105	Chromium VI	19.74	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5509	68105	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5610	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12784	68105	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12864	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12875	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12886	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12964	68105	Chromium VI	4.788	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12995	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13069	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13073	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13092	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13166	68105	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13185	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13187	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13191	68105	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13204	68105	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13209	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13237	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13240	68105	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13245	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13248	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13273	68105	Chromium VI	4.354	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13283	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13322	68105	Chromium VI	2.401	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13336	68105	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13370	68105	Chromium VI	3.598	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13381	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13389	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13403	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13437	68105	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13438	68105	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13460	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13476	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13573	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13793	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13851	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13863	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13869	68105	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13871	68105	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13880	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13918	68105	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13919	68105	Chromium VI	5.852	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
13935	68105	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13984	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14003	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14024	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14050	68105	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
14063	68105	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14080	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14098	68105	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14199	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14238	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14322	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14326	68105	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14341	68105	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14407	68105	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14410	68105	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14460	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14492	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14525	68105	Chromium VI	3.192	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14528	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14536	68105	Chromium VI	3.052	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14544	68105	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14556	68105	Chromium VI	5.264	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
14557	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14577	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14602	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14647	68105	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14656	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14688	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14718	68105	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14739	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14752	68105	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14780	68105	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14817	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14823	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14860	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14885	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14913	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14959	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14964	68105	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14976	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14992	68105	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15003	68105	Chromium VI	17.759	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
15044	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15045	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15058	68105	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15060	68105	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15091	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15106	68105	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15166	68105	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15227	68105	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15231	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15255	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15278	68105	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15279	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15292	68105	Chromium VI	2.94	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15299	68105	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15308	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15317	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15329	68105	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15336	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15348	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15363	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15372	68105	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15416	68105	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15496	68105	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15519	68105	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15526	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15577	68105	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15587	68105	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15611	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15651	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15686	68105	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15695	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15728	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15801	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15835	68105	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15842	68105	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15871	68105	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15891	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
16182	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16186	68105	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16230	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16236	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16243	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16271	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16308	68105	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16309	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16321	68105	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16333	68105	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16364	68105	Chromium VI	1.358	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16365	68105	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16384	68105	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16395	68105	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16420	68105	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16472	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16473	68105	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16478	68105	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16486	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16499	68105	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16545	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16572	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16589	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16618	68105	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
16646	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16668	68105	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16749	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16772	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16777	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16793	68105	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16851	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16866	68105	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16869	68105	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16889	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16893	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16922	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16928	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16946	68105	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16963	68105	Chromium VI	3.598	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16974	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17040	68105	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17055	68105	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17065	68105	Chromium VI	6.09	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17076	68105	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17097	68105	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17108	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17142	68105	Chromium VI	4.424	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17179	68105	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17198	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17199	68105	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17270	68105	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17298	68105	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17300	68105	Chromium VI	3.038	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17348	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17374	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17379	68105	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17542	68105	Chromium VI	4.116	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17557	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17719	68105	Chromium VI	3.318	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17725	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17745	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17753	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17802	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17803	68105	Chromium VI	5.432	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17827	68105	Chromium VI	5.796	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
17876	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17899	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17918	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17934	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17935	68105	Chromium VI	3.808	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18036	68105	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18133	68105	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18147	68105	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18177	68105	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18187	68105	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18189	68105	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18281	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18321	68105	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18349	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18452	68105	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18453	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18469	68105	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18499	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18561	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18573	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18598	68105	Chromium VI	6.86	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18610	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL	DERMAL			CTE		CTE							CTE		CTE									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
18882	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18898	68105	Chromium VI	5.6	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18927	68105	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18934	68105	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19015	68105	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19028	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19127	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19129	68105	Chromium VI	6.174	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19169	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19288	68105	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
19310	68105	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19334	68105	Chromium VI	19.18	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
19344	68105	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19448	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19485	68105	Chromium VI	0.6951	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19489	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19496	68105	Chromium VI	3.528	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19561	68105	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19602	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19612	68105	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19655	68105	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19671	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19676	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19728	68105	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19729	68105	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19768	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19787	68105	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19791	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19812	68105	Chromium VI	0.6741	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19831	68105	Chromium VI	1.092	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19839	68105	Chromium VI	0.7168	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19858	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19864	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19915	68105	Chromium VI	3.192	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19923	68105	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19932	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19938	68105	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19972	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19976	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19987	68105	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20069	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20080	68105	Chromium VI	10.038	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
20105	68105	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20110	68105	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20128	68105	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
20170	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20218	68105	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20236	68105	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20313	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20315	68105	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20342	68105	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20420	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20426	68105	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20452	68105	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20470	68105	Chromium VI	5.334	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20471	68105	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20477	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20506	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20510	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20535	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20545	68105	Chromium VI	10.696	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
20557	68105	Chromium VI	3.36	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20584	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20590	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20603	68105	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20610	68105	Chromium VI	6.216	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20612	68105	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20656	68105	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20674	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20685	68105	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20702	68105	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20759	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20777	68105	Chromium VI	0.728	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20823	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20845	68105	Chromium VI	0.392	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
20856	68105	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20883	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20908	68105	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20925	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20945	68105	Chromium VI	5.068	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20961	68105	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20964	68105	Chromium VI	10.43	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
21005	68105	Chromium VI	1.1802	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21012	68105	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
21019	68105	Chromium VI	5.53	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21053	68105	Chromium VI	0.882	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21064	68105	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	(child-child)	(child-adult)
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
21309	68105	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21336	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21355	68105	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21390	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21394	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21436	68105	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21454	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21490	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21498	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21513	68105	Chromium VI	9.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21535	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21551	68105	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21560	68105	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21565	68105	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21578	68105	Chromium VI	11.466	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
21609	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21614	68105	Chromium VI	3.402	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21625	68105	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
21653	68105	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21677	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21689	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21705	68105	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
21714	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21720	68105	Chromium VI	16.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
21724	68105	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21730	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21744	68105	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
21811	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21815	68105	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21822	68105	Chromium VI	2.94	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
21836	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
21881	68105	Chromium VI	0.6076	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
21884	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21901	68105	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21916	68105	Chromium VI	3.612	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21925	68105	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
21941	68105	Chromium VI	1.3916	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21956	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21981	68105	Chromium VI	4.046	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21985	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21989	68105	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22006	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22013	68105	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22024	68105	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22025	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22027	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22034	68105	Chromium VI	3.29	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22036	68105	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22039	68105	Chromium VI	3.794	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22044	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22046	68105	Chromium VI	14.56	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
22056	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22061	68105	Chromium VI	3.92	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22074	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22079	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22080	68105	Chromium VI	3.29	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22177	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22181	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22183	68105	Chromium VI	0.812	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22230	68105	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22273	68105	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22295	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22320	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22344	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22358	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22386	68105	Chromium VI	4.83	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
22399	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22405	68105	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22453	68105	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22563	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22574	68105	Chromium VI	4.046	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22636	68105	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22715	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22716	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22754	68105	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22772	68105	Chromium VI	3.234	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22832	68105	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49272	68105	Chromium VI	3.416	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49289	68105	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50528	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50574	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90427	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93120	68105	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93354	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93358	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93364	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93381	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51079	68106	Chromium VI	4.718	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51080	68106	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51082	68106	Chromium VI	3.822	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51089	68106	Chromium VI	4.284	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51093	68106	Chromium VI	0.6083	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
51101	68106	Chromium VI	6.832	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51102	68106	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51113	68106	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51116	68106	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51118	68106	Chromium VI	6.608	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51120	68106	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51123	68106	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51126	68106	Chromium VI	6.594	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51127	68106	Chromium VI	3.192	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51132	68106	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51133	68106	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51143	68106	Chromium VI	0.868	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51155	68106	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51158	68106	Chromium VI	5.026	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51160	68106	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51162	68106	Chromium VI	3.864	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51184	68106	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2030	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2038	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2056	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2104	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2124	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2167	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2206	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2220	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2252	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2273	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2292	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2496	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2499	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3003	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3021	68107	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3074	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3121	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5066	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5076	68107	Chromium VI	4.102	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5130	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5157	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5159	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5161	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5163	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5165	68107	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5166	68107	Chromium VI	12.684	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5172	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5176	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5178	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5180	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5182	68107	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5183	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5185	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5211	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5212	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10008	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10018	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10044	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10046	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10072	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10073	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10088	68107	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10095	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10111	68107	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10130	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10134	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10214	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10241	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10290	68107	Chromium VI	0.6846	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10295	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10299	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10310	68107	Chromium VI	6.482	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10328	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10329	68107	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10387	68107	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10401	68107	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10403	68107	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10425	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10432	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10455	68107	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
10458	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10468	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10471	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10484	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10492	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil					CTE		CTE							CTE		CTE									
			(mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10654	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10662	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10670	68107	Chromium VI	8.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10687	68107	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10707	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10720	68107	Chromium VI	5.026	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10735	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10738	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10794	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10814	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10822	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10831	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10834	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10842	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10848	68107	Chromium VI	1.2348	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10858	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10860	68107	Chromium VI	3.5	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10870	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10876	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10877	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10880	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10895	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10909	68107	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10914	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10920	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10925	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10931	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10938	68107	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10944	68107	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10947	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10950	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10965	68107	Chromium VI	4.606	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10970	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10990	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10991	68107	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11036	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11069	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11070	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11082	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11094	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11107	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11118	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11142	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11155	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11172	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11179	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11191	68107	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11194	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11203	68107	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11208	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11222	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11230	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11232	68107	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11233	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11246	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11258	68107	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11268	68107	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11272	68107	Chromium VI	3.528	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11283	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11303	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11309	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11312	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11321	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11343	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11349	68107	Chromium VI	3.472	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11367	68107	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11372	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11385	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11387	68107	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11400	68107	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11403	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11408	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11410	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11416	68107	Chromium VI	7.35	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11423	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11439	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11444	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11449	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11465	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11469	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11491	68107	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11494	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11523	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11552	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11558	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11568	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11599	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11777	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11807	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11829	68107	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11842	68107	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11865	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11894	68107	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11902	68107	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11910	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11941	68107	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11960	68107	Chromium VI	1.2026	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11982	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12002	68107	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12009	68107	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12012	68107	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12037	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12047	68107	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12086	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12114	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12116	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12118	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12124	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12126	68107	Chromium VI	3.066	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12152	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12166	68107	Chromium VI	3.5	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12194	68107	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12206	68107	Chromium VI	1.3734	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12220	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12227	68107	Chromium VI	3.906	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12239	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12290	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12296	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12338	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12344	68107	Chromium VI	4.186	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12351	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12372	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12388	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12407	68107	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12410	68107	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12414	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12424	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12439	68107	Chromium VI	1.2712	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12449	68107	Chromium VI	4.102	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12457	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12506	68107	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12514	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12529	68107	Chromium VI	3.808	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12530	68107	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12547	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12551	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12567	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12572	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12588	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12590	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12605	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12644	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12667	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12714	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12729	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12741	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12755	68107	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12761	68107	Chromium VI	0.6692	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12794	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12830	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12848	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12858	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12871	68107	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13038	68107	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13045	68107	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43676	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43691	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43698	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43703	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43711	68107	Chromium VI	1.113	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43729	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
43736	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43744	68107	Chromium VI	1.1186	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43746	68107	Chromium VI	0.5257	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
43771	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43790	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43793	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43800	68107	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43813	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43843	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43853	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43869	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43874	68107	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
43892	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil					CTE		CTE							CTE		CTE									
			(mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44063	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44066	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44076	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44104	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44107	68107	Chromium VI	1.2502	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44112	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44127	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44130	68107	Chromium VI	3.458	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44133	68107	Chromium VI	1.33	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44137	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44145	68107	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44153	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44157	68107	Chromium VI	3.92	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44177	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44184	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44185	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44198	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44202	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44220	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44225	68107	Chromium VI	4.564	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44233	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44236	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44237	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44248	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44299	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44319	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44348	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44416	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44446	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44452	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44455	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44456	68107	Chromium VI	3.99	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44465	68107	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44475	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44482	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44483	68107	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44490	68107	Chromium VI	3.374	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44503	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44507	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44508	68107	Chromium VI	0.5838	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44519	68107	Chromium VI	5.698	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44526	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44528	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44529	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44531	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44536	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44539	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44546	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44549	68107	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44556	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44567	68107	Chromium VI	1.33	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44578	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44581	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44589	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44590	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44592	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44597	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44617	68107	Chromium VI	1.3426	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44619	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44623	68107	Chromium VI	4.732	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44626	68107	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44636	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44640	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44644	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44668	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44700	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44711	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44725	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44727	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44738	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44740	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44741	68107	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44747	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44753	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44755	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44756	68107	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44768	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44790	68107	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44798	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44810	68107	Chromium VI	0.91	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44814	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44822	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44854	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44857	68107	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44869	68107	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44877	68107	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44902	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44987	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44996	68107	Chromium VI	1.057	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45004	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45005	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45018	68107	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45020	68107	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45023	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45034	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45044	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45056	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45072	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45073	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45077	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45078	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45084	68107	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45118	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45147	68107	Chromium VI	4.354	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45150	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45156	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45166	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45167	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45183	68107	Chromium VI	3.892	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45188	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45195	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45199	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45206	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45213	68107	Chromium VI	1.064	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45223	68107	Chromium VI	1.015	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45227	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45236	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45244	68107	Chromium VI	3.136	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45259	68107	Chromium VI	4.312	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45265	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45269	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45298	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45300	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45303	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45304	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45305	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45321	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45343	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45350	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45356	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45364	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45370	68107	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45390	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45393	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45404	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45411	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45423	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45424	68107	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45447	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45458	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45460	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45475	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45484	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45487	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45494	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45495	68107	Chromium VI	1.351	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45503	68107	Chromium VI	1.365	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45530	68107	Chromium VI	0.6426	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45533	68107	Chromium VI	5.278	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45564	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45566	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45574	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45584	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45608	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45609	68107	Chromium VI	1.3538	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45624	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45626	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45645	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45646	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45648	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45662	68107	Chromium VI	1.0542	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45663	68107	Chromium VI	3.318	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45678	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45698	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45724	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45725	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45728	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45739	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45741	68107	Chromium VI	4.578	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45747	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45764	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45767	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45770	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45786	68107	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
45923	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45927	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45955	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45970	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45984	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45988	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45999	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46035	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46049	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46050	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46052	68107	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46071	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46073	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46091	68107	Chromium VI	3.332	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46103	68107	Chromium VI	1.3972	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46107	68107	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46118	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46122	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46127	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46133	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46145	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46150	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46164	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46168	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46180	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46187	68107	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46210	68107	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46214	68107	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46241	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46247	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46260	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46279	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46297	68107	Chromium VI	1.1942	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46346	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46347	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46363	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46368	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46380	68107	Chromium VI	0.826	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46399	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46423	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46432	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46448	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46461	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46469	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46472	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46473	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46474	68107	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46478	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46490	68107	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46493	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46494	68107	Chromium VI	3.066	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46498	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46505	68107	Chromium VI	0.973	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
46509	68107	Chromium VI	3.598	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46527	68107	Chromium VI	0.819	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46566	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46579	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46583	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46610	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46626	68107	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46628	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46637	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46655	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46662	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46664	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46672	68107	Chromium VI	0.931	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46673	68107	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46683	68107	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46698	68107	Chromium VI	0.77	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46699	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46708	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46712	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46725	68107	Chromium VI	0.91	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46727	68107	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46731	68107	Chromium VI	6.776	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46743	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46763	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46764	68107	Chromium VI	0.6867	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46772	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46776	68107	Chromium VI	0.742	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46792	68107	Chromium VI	0.511	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46794	68107	Chromium VI	0.6524	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46805	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46808	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46815	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46835	68107	Chromium VI	0.602	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
46852	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46998	68107	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47021	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47030	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47038	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47046	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47047	68107	Chromium VI	5.04	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47052	68107	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47058	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47088	68107	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47090	68107	Chromium VI	1.19	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47106	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47139	68107	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47140	68107	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47147	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47148	68107	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
47149	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47163	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47172	68107	Chromium VI	24.92	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47179	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47181	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47196	68107	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47203	68107	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47206	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47215	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47216	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47217	68107	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47218	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47223	68107	Chromium VI	1.26	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47249	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47250	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47259	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47274	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47275	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47279	68107	Chromium VI	0.735	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47291	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47293	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47296	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47311	68107	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47312	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47315	68107	Chromium VI	0.889	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47320	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47322	68107	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47338	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47339	68107	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47356	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47368	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47380	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47382	68107	Chromium VI	1.33	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47385	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47390	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47417	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47421	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47424	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47425	68107	Chromium VI	0.854	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47440	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47452	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47475	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47485	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47511	68107	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47514	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47518	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47526	68107	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47544	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47553	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47565	68107	Chromium VI	3.794	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47566	68107	Chromium VI	3.626	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47604	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47610	68107	Chromium VI	0.6594	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47617	68107	Chromium VI	0.952	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
47621	68107	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47627	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47649	68107	Chromium VI	1.183	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47656	68107	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47670	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47681	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47706	68107	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47708	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47761	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47768	68107	Chromium VI	3.724	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47783	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47795	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47797	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47811	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47813	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47816	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47820	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47838	68107	Chromium VI	4.802	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47969	68107	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48003	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48006	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48014	68107	Chromium VI	4.242	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48016	68107	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48018	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48036	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48043	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48048	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48056	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48092	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48116	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48118	68107	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48120	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48135	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48141	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48150	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48167	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48232	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48245	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48261	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48271	68107	Chromium VI	1.162	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48292	68107	Chromium VI	4.522	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48308	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48327	68107	Chromium VI	0.833	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48334	68107	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48341	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48359	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48367	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48368	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48380	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48416	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48418	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48434	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48494	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48495	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48508	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48510	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48525	68107	Chromium VI	4.2	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48547	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48553	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48578	68107	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48583	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48589	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48593	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48596	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48620	68107	Chromium VI	3.766	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48636	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48639	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48641	68107	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48654	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48661	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48668	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48674	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48685	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48694	68107	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48708	68107	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48715	68107	Chromium VI	3.71	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48721	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48733	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48736	68107	Chromium VI	7.042	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48747	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48768	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48798	68107	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48815	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48821	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48836	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48846	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48855	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48871	68107	Chromium VI	0.6629	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48886	68107	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48900	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48904	68107	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48944	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48952	68107	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48963	68107	Chromium VI	2.94	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48973	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48975	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48977	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48999	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49012	68107	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49036	68107	Chromium VI	0.5383	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49070	68107	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49081	68107	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49082	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49085	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49098	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil					CTE		CTE							CTE		CTE									
			(mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49439	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49441	68107	Chromium VI	1.113	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49444	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50137	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50139	68107	Chromium VI	1.1774	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50140	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50141	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50144	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50158	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50185	68107	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50191	68107	Chromium VI	1.26	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50192	68107	Chromium VI	1.0962	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50193	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50214	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50243	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50244	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50246	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50249	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50276	68107	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50284	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50286	68107	Chromium VI	5.432	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
50292	68107	Chromium VI	1.3524	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50293	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50294	68107	Chromium VI	1.3916	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50299	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50300	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50313	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50325	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50326	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50335	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50359	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50360	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50361	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50362	68107	Chromium VI	1.358	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50537	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
76891	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89377	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
89408	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2170	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2518	68108	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2521	68108	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2522	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2527	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2532	68108	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5225	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5227	68108	Chromium VI	3.752	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5229	68108	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5284	68108	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5300	68108	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5304	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5306	68108	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5332	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5387	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5390	68108	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5394	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5395	68108	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5398	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5403	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5407	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5408	68108	Chromium VI	3.71	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5409	68108	Chromium VI	0.7	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
5416	68108	Chromium VI	7.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5418	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5422	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5425	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5426	68108	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5427	68108	Chromium VI	3.094	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5429	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5431	68108	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5432	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5449	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5450	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5454	68108	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5460	68108	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5463	68108	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5467	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5472	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5473	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5474	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5480	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5483	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5485	68108	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5492	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5505	68108	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5572	68108	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5607	68108	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5608	68108	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13164	68108	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13184	68108	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13189	68108	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13239	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13267	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13436	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13485	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13529	68108	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13530	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13536	68108	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13575	68108	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13645	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13661	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13674	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13675	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13760	68108	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13773	68108	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13795	68108	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13941	68108	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14043	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14076	68108	Chromium VI	1.1284	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14079	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14130	68108	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14140	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14203	68108	Chromium VI	0.9814	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
14270	68108	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14279	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14290	68108	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14438	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14449	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14481	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14486	68108	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14497	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14537	68108	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14545	68108	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14576	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14578	68108	Chromium VI	1.3706	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14617	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14660	68108	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14692	68108	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14720	68108	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14818	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14825	68108	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14849	68108	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14855	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14878	68108	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14914	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14998	68108	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15001	68108	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15051	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15053	68108	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15116	68108	Chromium VI	0.3248	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
15135	68108	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15248	68108	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15256	68108	Chromium VI	4.256	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15266	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15337	68108	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15443	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15468	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15601	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15603	68108	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15687	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15748	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15768	68108	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15915	68108	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15939	68108	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15955	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15966	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15980	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16006	68108	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16126	68108	Chromium VI	1.2796	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16135	68108	Chromium VI	1.2446	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16137	68108	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16145	68108	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16261	68108	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16267	68108	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16319	68108	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16349	68108	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16446	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16530	68108	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16556	68108	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16581	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16595	68108	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16599	68108	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16711	68108	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16813	68108	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16973	68108	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17416	68108	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17417	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17418	68108	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17461	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17498	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17550	68108	Chromium VI	1.302	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17671	68108	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17699	68108	Chromium VI	0.9086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17700	68108	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17701	68108	Chromium VI	4.844	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17703	68108	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17732	68108	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17778	68108	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17840	68108	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17849	68108	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17861	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17864	68108	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17865	68108	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17908	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17945	68108	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17963	68108	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17968	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17985	68108	Chromium VI	0.7924	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18129	68108	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18148	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18179	68108	Chromium VI	1.106	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18198	68108	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18218	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18222	68108	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18249	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18328	68108	Chromium VI	1.316	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18330	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18339	68108	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18385	68108	Chromium VI	5.698	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18422	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18435	68108	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18461	68108	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18486	68108	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18532	68108	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18547	68108	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18597	68108	Chromium VI	8.148	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18634	68108	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18664	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18687	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18691	68108	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18697	68108	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18712	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18718	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18749	68108	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18800	68108	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18802	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18833	68108	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18890	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18903	68108	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18943	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18968	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18988	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19030	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19116	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19126	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19153	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19190	68108	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
19343	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19371	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19373	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19417	68108	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19440	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19444	68108	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19474	68108	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19640	68108	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19660	68108	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19680	68108	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19792	68108	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19875	68108	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19920	68108	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19988	68108	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20044	68108	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20137	68108	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20149	68108	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20168	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20169	68108	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20244	68108	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20285	68108	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20287	68108	Chromium VI	1.2978	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20344	68108	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20367	68108	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20464	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
21123	68108	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21190	68108	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21502	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21582	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
21729	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21863	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22203	68108	Chromium VI	0.6671	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22282	68108	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50453	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50624	68108	Chromium VI	5.474	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
74047	68108	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
79306	68108	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
87989	68108	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
88004	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
88031	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89842	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90601	68108	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92372	68108	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93003	68108	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
93522	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2069	68110	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2280	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2354	68110	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2355	68110	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2539	68110	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3136	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5258	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5388	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5520	68110	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5525	68110	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5527	68110	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5530	68110	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5532	68110	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5536	68110	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5541	68110	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5544	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5546	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5551	68110	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5559	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5560	68110	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5561	68110	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5563	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5565	68110	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5566	68110	Chromium VI	3.458	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5612	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5614	68110	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5641	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5650	68110	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5651	68110	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26122	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26133	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26234	68110	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26341	68110	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26410	68110	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26447	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26465	68110	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26527	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26550	68110	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26762	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27034	68110	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27069	68110	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27291	68110	Chromium VI	0.6118	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
27435	68110	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27589	68110	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27592	68110	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27683	68110	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27704	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27756	68110	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27815	68110	Chromium VI	0.7616	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27822	68110	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27826	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27840	68110	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27844	68110	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27884	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27907	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27927	68110	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27984	68110	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28074	68110	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28075	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28120	68110	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28167	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28226	68110	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28335	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28360	68110	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28404	68110	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28421	68110	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28455	68110	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29058	68110	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29063	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29084	68110	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29093	68110	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29095	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29117	68110	Chromium VI	3.934	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29135	68110	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29207	68110	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29238	68110	Chromium VI	1.0234	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29257	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29271	68110	Chromium VI	0.9394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
29283	68110	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29290	68110	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29332	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29360	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29361	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29393	68110	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29421	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29493	68110	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29500	68110	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29505	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29550	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29610	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29634	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29665	68110	Chromium VI	1.3916	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29753	68110	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29774	68110	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29786	68110	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29795	68110	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29844	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29877	68110	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29887	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29911	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29913	68110	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29920	68110	Chromium VI	1.3384	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29921	68110	Chromium VI	4.494	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29934	68110	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29942	68110	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29943	68110	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30017	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30172	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30189	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30210	68110	Chromium VI	0.9226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30291	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30394	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30410	68110	Chromium VI	3.78	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30422	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30443	68110	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30469	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30470	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30500	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30551	68110	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30556	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30566	68110	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30575	68110	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30633	68110	Chromium VI	4.438	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30651	68110	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30688	68110	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30705	68110	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30786	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30803	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30870	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30954	68110	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30980	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31097	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31153	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31174	68110	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31223	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31231	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31350	68110	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31401	68110	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31568	68110	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31645	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31757	68110	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31760	68110	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31814	68110	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31832	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31959	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32019	68110	Chromium VI	4.396	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32039	68110	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32043	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32063	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32214	68110	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32373	68110	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32484	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32508	68110	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32529	68110	Chromium VI	1.3314	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32996	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33078	68110	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33084	68110	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33280	68110	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33421	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33468	68110	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33472	68110	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33477	68110	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33483	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33512	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33519	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33543	68110	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33555	68110	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33602	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33629	68110	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33635	68110	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33714	68110	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33725	68110	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33840	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33927	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34002	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34047	68110	Chromium VI	9.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34116	68110	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34237	68110	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34260	68110	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34266	68110	Chromium VI	3.906	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34272	68110	Chromium VI	1.3062	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34276	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34287	68110	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34613	68110	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34625	68110	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34638	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34674	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34696	68110	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34710	68110	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34733	68110	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34738	68110	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34742	68110	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34821	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35022	68110	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35047	68110	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35180	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35183	68110	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35249	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35384	68110	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35438	68110	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35501	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35558	68110	Chromium VI	3.472	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35589	68110	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35637	68110	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35710	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35754	68110	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35787	68110	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35792	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35793	68110	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36189	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37075	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37434	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37456	68110	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37525	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37674	68110	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37821	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38725	68110	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38863	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39142	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
39271	68110	Chromium VI	1.015	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
39434	68110	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39572	68110	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
55636	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
74149	68110	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
79377	68110	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
81398	68110	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
81400	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
87991	68110	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
90908	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91449	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92501	68110	Chromium VI	1.358	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92675	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93337	68110	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93338	68110	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
93342	68110	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
93344	68110	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93345	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2035	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2075	68111	Chromium VI	4.872	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
2103	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2109	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2565	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3046	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3051	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3058	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3091	68111	Chromium VI	5.348	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
3133	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3151	68111	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5013	68111	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5085	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5170	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5171	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5204	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5206	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5208	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5215	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5221	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5230	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5232	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5234	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5236	68111	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5238	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5240	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5242	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5246	68111	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5288	68111	Chromium VI	3.514	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5296	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5330	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5333	68111	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5513	68111	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5514	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5618	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25647	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25663	68111	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25670	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25708	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25709	68111	Chromium VI	1.288	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25750	68111	Chromium VI	1.3888	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25780	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25786	68111	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25794	68111	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25804	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25805	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25834	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25849	68111	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25869	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25874	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25877	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25894	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25903	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25918	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25921	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25977	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25985	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26005	68111	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26009	68111	Chromium VI	3.36	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26011	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26030	68111	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26042	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26043	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26045	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26053	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26084	68111	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26100	68111	Chromium VI	4.466	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26124	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26135	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26142	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26149	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26160	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26164	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26191	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26199	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26202	68111	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26204	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26211	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26215	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26228	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26229	68111	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26231	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26249	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26257	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26263	68111	Chromium VI	20.16	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26288	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26289	68111	Chromium VI	3.906	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26290	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26295	68111	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26303	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26327	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil					CTE		CTE							CTE		CTE									
			(mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
26653	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26663	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26665	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26682	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26695	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26716	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26742	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26757	68111	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26759	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26772	68111	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26779	68111	Chromium VI	6.188	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26783	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26834	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26844	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26858	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26865	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26868	68111	Chromium VI	1.2376	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26869	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26877	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26891	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26948	68111	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26955	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26967	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26996	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26997	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26999	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27005	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27031	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27038	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27052	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27074	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27096	68111	Chromium VI	19.88	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27107	68111	Chromium VI	0.5768	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
27117	68111	Chromium VI	1.372	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27120	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27137	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27138	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27139	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27140	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27142	68111	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27144	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27145	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27148	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27177	68111	Chromium VI	0.3136	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
27185	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27191	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27193	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27202	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27264	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27266	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27269	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27278	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27308	68111	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27315	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27318	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27342	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27347	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27366	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27369	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27399	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27402	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27446	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27461	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27467	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27475	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27481	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27488	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27524	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27567	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27581	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27585	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27604	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27608	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27630	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27632	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27658	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27718	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27734	68111	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27739	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27742	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27764	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27768	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27780	68111	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27854	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27859	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27885	68111	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27886	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28065	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28072	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28105	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28108	68111	Chromium VI	5.936	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28144	68111	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28148	68111	Chromium VI	1.141	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28154	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28157	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28185	68111	Chromium VI	1.134	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28186	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28188	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28218	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28222	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28273	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28284	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28329	68111	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28338	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28375	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28377	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28417	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28423	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28434	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28518	68111	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28544	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28558	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28561	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28573	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28611	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28612	68111	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28618	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28623	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28625	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28648	68111	Chromium VI	5.544	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28661	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28688	68111	Chromium VI	0.9394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
28709	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28713	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28725	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28730	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28749	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28763	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28764	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28766	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28781	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28785	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28798	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28799	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28809	68111	Chromium VI	1.155	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28811	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28819	68111	Chromium VI	1.365	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28836	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28837	68111	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28841	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28846	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28893	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28909	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28942	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28959	68111	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28963	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28967	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28984	68111	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28991	68111	Chromium VI	6.034	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29002	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29023	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29033	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29037	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29071	68111	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29090	68111	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29101	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29102	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29105	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29155	68111	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29165	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29175	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29177	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29181	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29204	68111	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
29205	68111	Chromium VI	5.026	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29214	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29220	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29240	68111	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29248	68111	Chromium VI	1.043	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29274	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29285	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29328	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29343	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29354	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil					CTE		CTE							CTE		CTE									
			(mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29608	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29625	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29633	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29671	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29678	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29683	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29684	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29689	68111	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29717	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29777	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29792	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29806	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29818	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29824	68111	Chromium VI	1.1998	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29826	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29881	68111	Chromium VI	3.136	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29889	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29910	68111	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29912	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29927	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29953	68111	Chromium VI	3.416	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29974	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29978	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29991	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29993	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30012	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30045	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30050	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30068	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30078	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30081	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30123	68111	Chromium VI	3.724	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30130	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30133	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30161	68111	Chromium VI	3.066	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30169	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30171	68111	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30177	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30182	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30201	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30220	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30225	68111	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30244	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30253	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30345	68111	Chromium VI	4.592	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30347	68111	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30387	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30417	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30420	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30434	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30455	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30462	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30494	68111	Chromium VI	1.2684	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30521	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30526	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30536	68111	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30563	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30580	68111	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
30625	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30644	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30645	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30683	68111	Chromium VI	1.162	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30699	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30700	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30714	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30757	68111	Chromium VI	5.054	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30802	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30813	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30817	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30836	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30841	68111	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30844	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30881	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30888	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30918	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30927	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30932	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30933	68111	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30939	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30978	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30991	68111	Chromium VI	3.402	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30995	68111	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30997	68111	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31008	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31042	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31045	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31046	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31141	68111	Chromium VI	4.312	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31145	68111	Chromium VI	4.76	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31163	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31171	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31176	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31186	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31189	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31192	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31206	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31229	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31237	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31262	68111	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31300	68111	Chromium VI	3.5	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31303	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31316	68111	Chromium VI	12.768	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31357	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31360	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31361	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31362	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31365	68111	Chromium VI	4.802	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31366	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31377	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31398	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31408	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31433	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31442	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31444	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31457	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31478	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31517	68111	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31583	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31603	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31607	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31615	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31695	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31698	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31733	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31740	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31799	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31803	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31823	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31850	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31853	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31854	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31858	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31868	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31871	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31882	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31887	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31896	68111	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31899	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31911	68111	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31925	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31936	68111	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31964	68111	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31965	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31977	68111	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31986	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32001	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32016	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32021	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32022	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32040	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32046	68111	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32049	68111	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32070	68111	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32081	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32089	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32092	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32153	68111	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32162	68111	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32168	68111	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32208	68111	Chromium VI	1.2712	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32228	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32252	68111	Chromium VI	23.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
32256	68111	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32261	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32267	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32276	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32277	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32283	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32284	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32287	68111	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32293	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32311	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32316	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32325	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL	DERMAL			CTE		CTE							CTE		CTE									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
32497	68111	Chromium VI	3.36	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32502	68111	Chromium VI	4.032	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32539	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32547	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32562	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32581	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32596	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32633	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32673	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32678	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32686	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32696	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32702	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32708	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32736	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32775	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32779	68111	Chromium VI	1.295	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32780	68111	Chromium VI	4.144	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32783	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32818	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32847	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32851	68111	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32852	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32874	68111	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32876	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32891	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32896	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32912	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32914	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32931	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32940	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32949	68111	Chromium VI	3.85	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32968	68111	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
32972	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32973	68111	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32974	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32989	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32992	68111	Chromium VI	8.344	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33009	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33012	68111	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33014	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33036	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33037	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33042	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33043	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33060	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33062	68111	Chromium VI	3.934	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33120	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33177	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33207	68111	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33296	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33314	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33317	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33350	68111	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33372	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33392	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33453	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33456	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33480	68111	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33492	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33600	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33607	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33630	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33631	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33647	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33696	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33711	68111	Chromium VI	1.106	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33741	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33772	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33803	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33805	68111	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33806	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33818	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33831	68111	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33833	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33856	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33863	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33875	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33903	68111	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33915	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33947	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33997	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34037	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34040	68111	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34059	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34060	68111	Chromium VI	5.642	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34075	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34247	68111	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34251	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34255	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34257	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34320	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34371	68111	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34377	68111	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34387	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34396	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34420	68111	Chromium VI	1.036	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34444	68111	Chromium VI	5.152	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34478	68111	Chromium VI	1.2992	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34503	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34560	68111	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34562	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34595	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34621	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34626	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34639	68111	Chromium VI	0.875	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34663	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34669	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34691	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34703	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34766	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34778	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34888	68111	Chromium VI	7.91	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34892	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34904	68111	Chromium VI	11.97	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
34917	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34923	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34936	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34948	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34953	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34985	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34993	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34999	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35003	68111	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35014	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35042	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35043	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35059	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35072	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35095	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35137	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35152	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35223	68111	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35233	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35242	68111	Chromium VI	4.046	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35252	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35273	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35285	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35287	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35288	68111	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35290	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35350	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35404	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35417	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35458	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35495	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35503	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35513	68111	Chromium VI	5.054	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35517	68111	Chromium VI	5.586	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35536	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35575	68111	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35614	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35619	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35786	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35821	68111	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35822	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35826	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35830	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35877	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35921	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35935	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35943	68111	Chromium VI	5.474	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35947	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35964	68111	Chromium VI	3.766	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35969	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36000	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36007	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36015	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36024	68111	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36040	68111	Chromium VI	3.038	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36046	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36072	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36093	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36116	68111	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
36356	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36408	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36410	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36427	68111	Chromium VI	1.148	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36464	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36467	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36507	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36557	68111	Chromium VI	4.438	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36574	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36656	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36679	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36701	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36706	68111	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36936	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37023	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37025	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37031	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37036	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37049	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37087	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37097	68111	Chromium VI	3.962	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37156	68111	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37189	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37193	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37210	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37219	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37223	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37226	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37276	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37361	68111	Chromium VI	0.9184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
37402	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37465	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37470	68111	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37684	68111	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37738	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37756	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37907	68111	Chromium VI	3.052	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37934	68111	Chromium VI	3.612	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38007	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38054	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38066	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38087	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38202	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38210	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38253	68111	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38261	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38269	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38300	68111	Chromium VI	3.962	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38363	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38383	68111	Chromium VI	4.816	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38407	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38439	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38446	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38449	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38527	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38585	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38587	68111	Chromium VI	6.468	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38721	68111	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38724	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38759	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38780	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38864	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49203	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49313	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49314	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49319	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49341	68111	Chromium VI	1.2348	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49345	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49354	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50024	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50049	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50080	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50105	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50107	68111	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50120	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50146	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50356	68111	Chromium VI	1.3244	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50404	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50410	68111	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50417	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50424	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50434	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50447	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
63239	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
63751	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
68070	68111	Chromium VI	1.0906	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
68686	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil					CTE		CTE							CTE		CTE									
			(mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
91926	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2269	68112	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
39755	68112	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39951	68112	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40194	68112	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40523	68112	Chromium VI	7.406	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
40879	68112	Chromium VI	3.948	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2097	68131	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2156	68131	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2165	68131	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5037	68131	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5150	68131	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5153	68131	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5186	68131	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5188	68131	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5195	68131	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5197	68131	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5260	68131	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5272	68131	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5278	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5298	68131	Chromium VI	3.864	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5377	68131	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5379	68131	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5380	68131	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22856	68131	Chromium VI	3.584	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23003	68131	Chromium VI	4.018	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23016	68131	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23028	68131	Chromium VI	0.5404	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
23072	68131	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23093	68131	Chromium VI	1.274	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23144	68131	Chromium VI	8.092	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23145	68131	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23150	68131	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23153	68131	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23211	68131	Chromium VI	5.642	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23237	68131	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23274	68131	Chromium VI	5.67	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23280	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23301	68131	Chromium VI	1.2012	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23338	68131	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23344	68131	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23379	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23399	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23425	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23433	68131	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23442	68131	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23460	68131	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23502	68131	Chromium VI	1.372	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23512	68131	Chromium VI	3.794	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23532	68131	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23537	68131	Chromium VI	4.41	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23539	68131	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23577	68131	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23580	68131	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23584	68131	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23586	68131	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23611	68131	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23634	68131	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23673	68131	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23675	68131	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23700	68131	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23742	68131	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23786	68131	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23788	68131	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23790	68131	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23817	68131	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23822	68131	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23824	68131	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23845	68131	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23872	68131	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23895	68131	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23899	68131	Chromium VI	1.3524	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23922	68131	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23930	68131	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23961	68131	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23967	68131	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23968	68131	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23985	68131	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
23986	68131	Chromium VI	1.3636	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24000	68131	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24010	68131	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24019	68131	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24027	68131	Chromium VI	4.48	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24098	68131	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24109	68131	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24119	68131	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24126	68131	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
24334	68131	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24348	68131	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24357	68131	Chromium VI	4.102	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24358	68131	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24367	68131	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24370	68131	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24374	68131	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24376	68131	Chromium VI	0.938	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
24390	68131	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24396	68131	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24411	68131	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24451	68131	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24457	68131	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24577	68131	Chromium VI	6.678	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24601	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24605	68131	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24635	68131	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24640	68131	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24655	68131	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24674	68131	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24692	68131	Chromium VI	0.518	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
24693	68131	Chromium VI	5.222	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24703	68131	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24740	68131	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24751	68131	Chromium VI	1.634	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24757	68131	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24768	68131	Chromium VI	1.274	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24776	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24794	68131	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24800	68131	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24808	68131	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24887	68131	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24896	68131	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24931	68131	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24958	68131	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24962	68131	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24964	68131	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25005	68131	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25009	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25061	68131	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25063	68131	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25078	68131	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25096	68131	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25130	68131	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25133	68131	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25137	68131	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25167	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25185	68131	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25189	68131	Chromium VI	7.42	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25193	68131	Chromium VI	4.914	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25202	68131	Chromium VI	1.113	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25204	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25231	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25242	68131	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25281	68131	Chromium VI	4.774	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25285	68131	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25296	68131	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25315	68131	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25324	68131	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25329	68131	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25331	68131	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25335	68131	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25337	68131	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25385	68131	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25391	68131	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25410	68131	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25425	68131	Chromium VI	5.698	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25456	68131	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25547	68131	Chromium VI	1.3412	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25554	68131	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25558	68131	Chromium VI	0.3696	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
25579	68131	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25604	68131	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25607	68131	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25634	68131	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25657	68131	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50446	68131	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89514	68131	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
93114	68131	Chromium VI	4.074	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
93413	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93419	68131	Chromium VI	3.402	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5139	68132	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5140	68132	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5313	68132	Chromium VI	8.218	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5317	68132	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49490	68132	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49500	68132	Chromium VI	5.978	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49671	68132	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49672	68132	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49676	68132	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49678	68132	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49682	68132	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49697	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49701	68132	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49704	68132	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49716	68132	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49717	68132	Chromium VI	29.26	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
49724	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49725	68132	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49726	68132	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49727	68132	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49736	68132	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49739	68132	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49759	68132	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49760	68132	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49774	68132	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49781	68132	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49783	68132	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49793	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49800	68132	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49806	68132	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49812	68132	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49819	68132	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49833	68132	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49846	68132	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49852	68132	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49853	68132	Chromium VI	4.186	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49855	68132	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49863	68132	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49884	68132	Chromium VI	8.064	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49892	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49902	68132	Chromium VI	0.9982	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49907	68132	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49911	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49913	68132	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49918	68132	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49922	68132	Chromium VI	0.784	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49929	68132	Chromium VI	1.078	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49931	68132	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49936	68132	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49941	68132	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49943	68132	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49953	68132	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49956	68132	Chromium VI	0.77	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49958	68132	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49961	68132	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49971	68132	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49974	68132	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49986	68132	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49994	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49995	68132	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50479	68132	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50484	68132	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50485	68132	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50536	68132	Chromium VI	6.118	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
51190	68132	Chromium VI	7.252	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51214	68132	Chromium VI	6.51	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51217	68132	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51225	68132	Chromium VI	7.784	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51228	68132	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51234	68132	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51256	68132	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51263	68132	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51270	68132	Chromium VI	3.528	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51278	68132	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51280	68132	Chromium VI	0.763	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51327	68132	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51349	68132	Chromium VI	0.1596	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	3E-05
51361	68132	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51369	68132	Chromium VI	5.152	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51381	68132	Chromium VI	13.006	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51391	68132	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51392	68132	Chromium VI	4.214	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51394	68132	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51401	68132	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51412	68132	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51437	68132	Chromium VI	24.64	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
51440	68132	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51457	68132	Chromium VI	4.494	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51483	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51492	68132	Chromium VI	6.104	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
51504	68132	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51512	68132	Chromium VI	7.112	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51519	68132	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	-

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51640	68132	Chromium VI	0.875	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51645	68132	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51646	68132	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51659	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51667	68132	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51671	68132	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51676	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51705	68132	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51706	68132	Chromium VI	3.234	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51708	68132	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51710	68132	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51712	68132	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51735	68132	Chromium VI	4.312	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51750	68132	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51752	68132	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51767	68132	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51769	68132	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51779	68132	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51780	68132	Chromium VI	4.564	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51785	68132	Chromium VI	5.88	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
51790	68132	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51800	68132	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51803	68132	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51805	68132	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51807	68132	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51808	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51820	68132	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51829	68132	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51840	68132	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51844	68132	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51846	68132	Chromium VI	4.55	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51847	68132	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51854	68132	Chromium VI	5.6	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51855	68132	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51857	68132	Chromium VI	4.144	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51861	68132	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51863	68132	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51866	68132	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51872	68132	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51897	68132	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51918	68132	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51921	68132	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51938	68132	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51946	68132	Chromium VI	1.19	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51949	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51959	68132	Chromium VI	56	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
51960	68132	Chromium VI	7.336	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51972	68132	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51990	68132	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51997	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52023	68132	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52035	68132	Chromium VI	5.432	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
52046	68132	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52054	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52059	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52075	68132	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52078	68132	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52080	68132	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52085	68132	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52090	68132	Chromium VI	8.316	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52091	68132	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52097	68132	Chromium VI	3.542	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52101	68132	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52106	68132	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52112	68132	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52119	68132	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52122	68132	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52128	68132	Chromium VI	1.316	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52129	68132	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52137	68132	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52140	68132	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52141	68132	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52150	68132	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52155	68132	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52158	68132	Chromium VI	12.18	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
52166	68132	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52167	68132	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52177	68132	Chromium VI	4.774	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
52178	68132	Chromium VI	4.424	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
52181	68132	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52186	68132	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52187	68132	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52190	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52192	68132	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52198	68132	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52202	68132	Chromium VI	10.36	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
52206	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Chromium VI

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
52378	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52386	68132	Chromium VI	4.326	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52387	68132	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52411	68132	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
63007	68132	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
66781	68132	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
66791	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92431	68132	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cobalt

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL				NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE	CTE	NONCANCER HQ_CTE		CANCER RISK_CTE		CTE	CTE	NONCANCER HQ_CTE		CANCER RISK_CTE		(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	CTE	CTE	CTE
2133	68104	Cobalt	6.08	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5026	68104	Cobalt	7.94	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5143	68104	Cobalt	7.07	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5144	68104	Cobalt	7.95	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5145	68104	Cobalt	6.45	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5147	68104	Cobalt	5.02	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2229	68105	Cobalt	8.69	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2299	68105	Cobalt	8.71	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2300	68105	Cobalt	9.19	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2308	68105	Cobalt	8.09	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3076	68105	Cobalt	8.89	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3118	68105	Cobalt	10	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5054	68105	Cobalt	4.9	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5057	68105	Cobalt	7.75	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5105	68105	Cobalt	7.52	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5109	68105	Cobalt	5.37	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5110	68105	Cobalt	9	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5112	68105	Cobalt	7.75	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5117	68105	Cobalt	7.8	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5123	68105	Cobalt	8.03	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5128	68105	Cobalt	7.72	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5129	68105	Cobalt	7.15	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5132	68105	Cobalt	9.04	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5134	68105	Cobalt	10.7	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5338	68105	Cobalt	7.47	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5347	68105	Cobalt	9.76	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5351	68105	Cobalt	0.347	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5352	68105	Cobalt	8.53	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5355	68105	Cobalt	7.26	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5356	68105	Cobalt	9.75	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5357	68105	Cobalt	9.65	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5359	68105	Cobalt	9	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5361	68105	Cobalt	5.75	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5363	68105	Cobalt	9.26	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5364	68105	Cobalt	10.2	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5365	68105	Cobalt	9.6	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5367	68105	Cobalt	8.11	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5486	68105	Cobalt	7.02	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5488	68105	Cobalt	6.67	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5489	68105	Cobalt	7.92	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5495	68105	Cobalt	7.84	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5509	68105	Cobalt	9.99	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5610	68105	Cobalt	8.99	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2030	68107	Cobalt	8.96	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2038	68107	Cobalt	8.39	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2104	68107	Cobalt	4.6	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
2124	68107	Cobalt	9.39	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
2167	68107	Cobalt	7.79	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2206	68107	Cobalt	7.5	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2252	68107	Cobalt	8.65	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2273	68107	Cobalt	7.93	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2292	68107	Cobalt	8.56	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3003	68107	Cobalt	9.13	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3021	68107	Cobalt	9.8	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
3074	68107	Cobalt	7.55	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3121	68107	Cobalt	10.3	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5066	68107	Cobalt	7.45	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5076	68107	Cobalt	8.09	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5130	68107	Cobalt	9.68	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5157	68107	Cobalt	8.9	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5159	68107	Cobalt	8.08	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5161	68107	Cobalt	8.14	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5163	68107	Cobalt	8.44	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5165	68107	Cobalt	7.93	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5166	68107	Cobalt	7.97	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5172	68107	Cobalt	5.86	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5176	68107	Cobalt	9.7	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5178	68107	Cobalt	8.36	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5180	68107	Cobalt	8.31	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5182	68107	Cobalt	7.33	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5183	68107	Cobalt	7.58	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5185	68107	Cobalt	8.9	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5211	68107	Cobalt	7.35	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5212	68107	Cobalt	7.79	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2170	68108	Cobalt	7.66	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5225	68108	Cobalt	8.45	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5227	68108	Cobalt	8.04	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5229	68108	Cobalt	6.33	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5284	68108	Cobalt	8.33	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5300	68108	Cobalt	9.21	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5304	68108	Cobalt	8.11	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5306	68108	Cobalt	6.92	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5332	68108	Cobalt	6.33	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5387	68108	Cobalt	8.57	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5390	68108	Cobalt	8.23	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5394	68108	Cobalt	9.91	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5395	68108	Cobalt	7.69	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5398	68108	Cobalt	12.6	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cobalt

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE		(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	CTE	CTE	CTE
5429	68108	Cobalt	9.45	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5431	68108	Cobalt	7.31	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5432	68108	Cobalt	8.37	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5449	68108	Cobalt	8.46	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5450	68108	Cobalt	10	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5454	68108	Cobalt	6.89	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5460	68108	Cobalt	8.8	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5463	68108	Cobalt	9.73	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5467	68108	Cobalt	8.34	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5472	68108	Cobalt	8.74	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5473	68108	Cobalt	9.94	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5474	68108	Cobalt	9.77	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5480	68108	Cobalt	8.21	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5483	68108	Cobalt	7.92	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5485	68108	Cobalt	8.87	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5492	68108	Cobalt	8.09	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5505	68108	Cobalt	7.72	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5572	68108	Cobalt	7.88	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5607	68108	Cobalt	9.65	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5608	68108	Cobalt	10.2	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	2E-01	2E-02
5623	68108	Cobalt	10.8	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	2E-01	2E-02
5628	68108	Cobalt	10.4	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	2E-01	2E-02
5630	68108	Cobalt	8.15	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5636	68108	Cobalt	9.09	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5637	68108	Cobalt	8.46	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5652	68108	Cobalt	7.27	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2069	68110	Cobalt	7.95	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2280	68110	Cobalt	6.98	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2354	68110	Cobalt	8.18	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3136	68110	Cobalt	7.78	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5258	68110	Cobalt	8.64	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5388	68110	Cobalt	9.1	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5520	68110	Cobalt	10.4	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	2E-01	2E-02
5525	68110	Cobalt	9.38	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5527	68110	Cobalt	8.42	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5530	68110	Cobalt	8.68	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5532	68110	Cobalt	7.42	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5536	68110	Cobalt	7.65	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5541	68110	Cobalt	8.11	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5544	68110	Cobalt	8.51	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5546	68110	Cobalt	8.29	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5551	68110	Cobalt	7.89	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5559	68110	Cobalt	8.56	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5560	68110	Cobalt	8.6	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5561	68110	Cobalt	8.76	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5563	68110	Cobalt	8.47	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5565	68110	Cobalt	8.85	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5566	68110	Cobalt	9.37	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5612	68110	Cobalt	9.5	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5614	68110	Cobalt	6.88	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5641	68110	Cobalt	9.29	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5651	68110	Cobalt	8.68	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2035	68111	Cobalt	9.22	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2075	68111	Cobalt	6.41	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2103	68111	Cobalt	8.52	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2109	68111	Cobalt	8.85	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2121	68111	Cobalt	8.29	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2126	68111	Cobalt	8.36	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2154	68111	Cobalt	8.25	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2179	68111	Cobalt	7.22	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2216	68111	Cobalt	9	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2225	68111	Cobalt	7.85	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2231	68111	Cobalt	3.69	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	6E-02	6E-03
2262	68111	Cobalt	7.28	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
2365	68111	Cobalt	9.27	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3046	68111	Cobalt	7.47	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3051	68111	Cobalt	7.72	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3058	68111	Cobalt	8.05	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3091	68111	Cobalt	6.41	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3133	68111	Cobalt	8.56	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
3151	68111	Cobalt	4.86	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	7E-02	8E-03
5013	68111	Cobalt	8.56	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5085	68111	Cobalt	8.41	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5170	68111	Cobalt	7.04	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5171	68111	Cobalt	7.85	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5204	68111	Cobalt	8.66	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5206	68111	Cobalt	9.88	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5208	68111	Cobalt	7.23	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5215	68111	Cobalt	7.42	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5221	68111	Cobalt	8.24	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5230	68111	Cobalt	7.46	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5232	68111	Cobalt	8.71	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5234	68111	Cobalt	8.53	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5236	68111	Cobalt	7.49	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5238	68111	Cobalt	8.52	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5240	68111	Cobalt	8.19	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5242	68111	Cobalt	7.71	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5246	68111	Cobalt	9.61	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5288	68111	Cobalt	9.35	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07

TABLE 7.1.CTE
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Cobalt

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE		(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	CTE	CTE	CTE
5037	68131	Cobalt	8.35	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5150	68131	Cobalt	8.79	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5153	68131	Cobalt	8.92	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5186	68131	Cobalt	9.14	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5188	68131	Cobalt	8.41	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5195	68131	Cobalt	7.01	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5197	68131	Cobalt	8.38	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5260	68131	Cobalt	7.04	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5272	68131	Cobalt	7.64	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5278	68131	Cobalt	9.1	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5298	68131	Cobalt	9.4	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	2E-02
5377	68131	Cobalt	8.06	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5379	68131	Cobalt	8.18	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5380	68131	Cobalt	10.3	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	2E-01	2E-02
5139	68132	Cobalt	8.43	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5140	68132	Cobalt	7.23	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5313	68132	Cobalt	6.78	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	1E-01	1E-02
5317	68132	Cobalt	5.94	3.00E-04	--	3.00E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	9E-02	9E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Copper

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2133	68104	Copper	42.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5026	68104	Copper	30.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5143	68104	Copper	19.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5144	68104	Copper	27.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5145	68104	Copper	13.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5147	68104	Copper	12.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
2229	68105	Copper	25.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2299	68105	Copper	29.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2300	68105	Copper	22.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2308	68105	Copper	32.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3076	68105	Copper	20	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3118	68105	Copper	20.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5054	68105	Copper	20.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5057	68105	Copper	20.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5105	68105	Copper	25.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5109	68105	Copper	22.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5110	68105	Copper	30.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5112	68105	Copper	31.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5117	68105	Copper	29.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5123	68105	Copper	27.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5128	68105	Copper	19	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5129	68105	Copper	27	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5132	68105	Copper	22.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5134	68105	Copper	26.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5338	68105	Copper	27.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5347	68105	Copper	36.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5351	68105	Copper	0.128	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	2E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	2E-06
5352	68105	Copper	31.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5355	68105	Copper	65.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5356	68105	Copper	28.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5357	68105	Copper	27.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5359	68105	Copper	18.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5361	68105	Copper	19.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5363	68105	Copper	58.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5364	68105	Copper	27.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5365	68105	Copper	25.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5367	68105	Copper	27.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5486	68105	Copper	21.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5488	68105	Copper	20.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5489	68105	Copper	35.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5495	68105	Copper	35.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5509	68105	Copper	24.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5610	68105	Copper	33.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2030	68107	Copper	33.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2038	68107	Copper	17.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2104	68107	Copper	36.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2124	68107	Copper	17.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2167	68107	Copper	15.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2206	68107	Copper	23.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2252	68107	Copper	20.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2273	68107	Copper	20.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2292	68107	Copper	21.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3003	68107	Copper	19.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3021	68107	Copper	31.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3074	68107	Copper	20.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3121	68107	Copper	21.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5066	68107	Copper	28.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5076	68107	Copper	33.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5130	68107	Copper	19.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5157	68107	Copper	21.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5159	68107	Copper	22.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5161	68107	Copper	17.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5163	68107	Copper	18.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5165	68107	Copper	33.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5166	68107	Copper	29	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5172	68107	Copper	39	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5176	68107	Copper	22.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5178	68107	Copper	24.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5180	68107	Copper	63.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5182	68107	Copper	58	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5183	68107	Copper	43.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5185	68107	Copper	20.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5211	68107	Copper	11.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
5212	68107	Copper	17.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2170	68108	Copper	31.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5225	68108	Copper	23.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5227	68108	Copper	50.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5229	68108	Copper	13.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5284	68108	Copper	38.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5300	68108	Copper	36.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5304	68108	Copper	21.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5306	68108	Copper	28.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5332	68108	Copper	25	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5387	68108	Copper	30.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5390	68108	Copper	29.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5394	68108	Copper	143	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5395	68108	Copper	37.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5398	68108	Copper	41.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5403	68108	Copper	27	4.

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Copper

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5429	68108	Copper	19.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5431	68108	Copper	38	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5432	68108	Copper	43.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5449	68108	Copper	42.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5450	68108	Copper	25.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5454	68108	Copper	49.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5460	68108	Copper	20.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5463	68108	Copper	28.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5467	68108	Copper	30.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5472	68108	Copper	20.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5473	68108	Copper	25.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5474	68108	Copper	24	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5480	68108	Copper	50.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5483	68108	Copper	35.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5485	68108	Copper	27	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5492	68108	Copper	42.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5505	68108	Copper	29	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5572	68108	Copper	37.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5607	68108	Copper	22.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5608	68108	Copper	32.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5623	68108	Copper	33	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5628	68108	Copper	25.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5630	68108	Copper	83.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
5636	68108	Copper	53.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5637	68108	Copper	23.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5652	68108	Copper	34.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2069	68110	Copper	20.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2280	68110	Copper	30	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2354	68110	Copper	31.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3136	68110	Copper	32.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5258	68110	Copper	29.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5388	68110	Copper	22.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5520	68110	Copper	50.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5525	68110	Copper	57.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5527	68110	Copper	34.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5530	68110	Copper	28.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5532	68110	Copper	43.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5536	68110	Copper	21.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5541	68110	Copper	22.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5544	68110	Copper	16.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5546	68110	Copper	22.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5551	68110	Copper	29.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5559	68110	Copper	24.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5560	68110	Copper	27.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5561	68110	Copper	26.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5563	68110	Copper	17.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5565	68110	Copper	30.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5566	68110	Copper	23.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5612	68110	Copper	38.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5614	68110	Copper	66.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5641	68110	Copper	23	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5651	68110	Copper	29	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2035	68111	Copper	31.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2075	68111	Copper	19.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2103	68111	Copper	15.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2109	68111	Copper	19.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2121	68111	Copper	19.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2126	68111	Copper	17.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2154	68111	Copper	16.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2179	68111	Copper	23	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2216	68111	Copper	44.3	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2225	68111	Copper	1310	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
2231	68111	Copper	32.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2262	68111	Copper	26.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2365	68111	Copper	21.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3046	68111	Copper	27	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3051	68111	Copper	23	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3058	68111	Copper	24.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3091	68111	Copper	19.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3133	68111	Copper	23.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3151	68111	Copper	28.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5013	68111	Copper	25.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5085	68111	Copper	25	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5170	68111	Copper	15.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5171	68111	Copper	23.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5204	68111	Copper	23	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5206	68111	Copper	22.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5208	68111	Copper	33.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5215	68111	Copper	21.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5221	68111	Copper	39.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5230	68111	Copper	22.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5232	68111	Copper	20.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5234	68111	Copper	35.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5236	68111	Copper	36.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5238	68111	Copper	25.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5240	68111	Copper	22.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5242	68111	Copper	23.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5246	68111	Copper	25	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5288	68111	Copper	144	4.00E-02	--	4.00

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Copper

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	NONCANCER HQ-child CTE	NONCANCER HQ-adult CTE
5037	68131	Copper	17.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5150	68131	Copper	42.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5153	68131	Copper	18.2	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5186	68131	Copper	26.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5188	68131	Copper	25.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5195	68131	Copper	20.9	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5197	68131	Copper	20.5	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5260	68131	Copper	22.4	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5272	68131	Copper	32.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5278	68131	Copper	26.7	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5298	68131	Copper	23.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5377	68131	Copper	38.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5379	68131	Copper	56.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5380	68131	Copper	27.6	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5139	68132	Copper	17.8	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5140	68132	Copper	64.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5313	68132	Copper	25.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5317	68132	Copper	13.1	4.00E-02	--	4.00E-02	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Iron

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2133	68104	Iron	12300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5026	68104	Iron	15400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5143	68104	Iron	13800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5144	68104	Iron	14000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5145	68104	Iron	11500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5147	68104	Iron	8660	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2229	68105	Iron	16700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2299	68105	Iron	15300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2300	68105	Iron	14400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
2308	68105	Iron	14300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3076	68105	Iron	15200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3118	68105	Iron	16100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5054	68105	Iron	12200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5057	68105	Iron	15500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5105	68105	Iron	15700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5109	68105	Iron	13000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5110	68105	Iron	22200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5112	68105	Iron	20400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5117	68105	Iron	17500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5123	68105	Iron	17300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5128	68105	Iron	15100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5129	68105	Iron	15300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5132	68105	Iron	18200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5134	68105	Iron	18700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5338	68105	Iron	15300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5347	68105	Iron	17900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5351	68105	Iron	6.7	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-05	5E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-05	5E-06
5352	68105	Iron	17600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5355	68105	Iron	17200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5356	68105	Iron	17900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5357	68105	Iron	15800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5359	68105	Iron	14800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5361	68105	Iron	12800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5363	68105	Iron	14900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5364	68105	Iron	16000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5365	68105	Iron	17500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5367	68105	Iron	13500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5486	68105	Iron	13200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5488	68105	Iron	14900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5489	68105	Iron	16500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5495	68105	Iron	14800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5509	68105	Iron	15300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5610	68105	Iron	17700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2030	68107	Iron	19000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2038	68107	Iron	15200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2104	68107	Iron	10100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2124	68107	Iron	16500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2167	68107	Iron	15600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2206	68107	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2252	68107	Iron	18300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2273	68107	Iron	16900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2292	68107	Iron	14400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3003	68107	Iron	16800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3021	68107	Iron	22300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
3074	68107	Iron	13800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
3121	68107	Iron	13500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5066	68107	Iron	14500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5076	68107	Iron	20400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5130	68107	Iron	22100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5157	68107	Iron	18900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5159	68107	Iron	18200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5161	68107	Iron	16800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5163	68107	Iron	18600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5165	68107	Iron	16400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5166	68107	Iron	18600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5172	68107	Iron	13900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5176	68107	Iron	20700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5178	68107	Iron	16500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5180	68107	Iron	20400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5182	68107	Iron	13900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5183	68107	Iron	14900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5185	68107	Iron	18200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5211	68107	Iron	13400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5212	68107	Iron	15300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2170	68108	Iron	16000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5225	68108	Iron	17900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5227	68108	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5229	68108	Iron	12900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5284	68108	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5300	68108	Iron	44100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
5304	68108	Iron	18400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5306	68108	Iron	15300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5332	68108	Iron	11700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5387	68108	Iron	16300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5390	68108	Iron	16700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5394	68108	Iron	18800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5395	68108	Iron	17800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5398	68108	Iron	22400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5403	68108	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Iron

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5429	68108	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5431	68108	Iron	19300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5432	68108	Iron	17100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5449	68108	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5450	68108	Iron	17800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5454	68108	Iron	11600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5460	68108	Iron	14300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5463	68108	Iron	16400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5467	68108	Iron	23600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5472	68108	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5473	68108	Iron	20400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5474	68108	Iron	18400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5480	68108	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5483	68108	Iron	16100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5485	68108	Iron	14300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5492	68108	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5505	68108	Iron	17700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5572	68108	Iron	15800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5607	68108	Iron	17200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5608	68108	Iron	19500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5623	68108	Iron	23500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5628	68108	Iron	18400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5630	68108	Iron	17400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5636	68108	Iron	22300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5637	68108	Iron	14200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5652	68108	Iron	14300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
2069	68110	Iron	17400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2280	68110	Iron	13100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
2354	68110	Iron	14400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3136	68110	Iron	15000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5258	68110	Iron	17800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5388	68110	Iron	18300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5520	68110	Iron	20500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5525	68110	Iron	19600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5527	68110	Iron	17900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5530	68110	Iron	18000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5532	68110	Iron	17900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5536	68110	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5541	68110	Iron	17200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5544	68110	Iron	15800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5546	68110	Iron	16500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5551	68110	Iron	17600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5559	68110	Iron	17200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5560	68110	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5561	68110	Iron	18300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5563	68110	Iron	17100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5565	68110	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5566	68110	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5612	68110	Iron	16800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5614	68110	Iron	18600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5641	68110	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5651	68110	Iron	18500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2035	68111	Iron	20700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2075	68111	Iron	15200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2103	68111	Iron	16700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2109	68111	Iron	19700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2121	68111	Iron	16700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2126	68111	Iron	17800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2154	68111	Iron	18400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2179	68111	Iron	13700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
2216	68111	Iron	19600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2225	68111	Iron	14700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
2231	68111	Iron	7530	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2262	68111	Iron	17200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2365	68111	Iron	16100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3046	68111	Iron	13700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
3051	68111	Iron	13800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
3058	68111	Iron	14100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3091	68111	Iron	11700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
3133	68111	Iron	14100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3151	68111	Iron	9260	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5013	68111	Iron	17300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5085	68111	Iron	18500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5170	68111	Iron	14400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5171	68111	Iron	17000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5204	68111	Iron	16900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5206	68111	Iron	20100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5208	68111	Iron	17200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5215	68111	Iron	16300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5221	68111	Iron	18500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5230	68111	Iron	16800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5232	68111	Iron	22000	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5234	68111	Iron	20400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5236	68111	Iron	18500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5238	68111	Iron	18300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5240	68111	Iron	16300	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5242	68111	Iron	16700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5246	68111	Iron	20800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5288	68111	Iron	21500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Iron

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5037	68131	Iron	13900	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5150	68131	Iron	18200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5153	68131	Iron	16200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5186	68131	Iron	17500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5188	68131	Iron	17100	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5195	68131	Iron	13500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5197	68131	Iron	16600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5260	68131	Iron	13700	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5272	68131	Iron	15500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5278	68131	Iron	16600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5298	68131	Iron	20500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5377	68131	Iron	14800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5379	68131	Iron	14600	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5380	68131	Iron	17400	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5139	68132	Iron	16500	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5140	68132	Iron	14800	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5313	68132	Iron	15200	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5317	68132	Iron	9950	7.00E-01	--	7.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				CTE				CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2133	68104	Manganese	320	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5026	68104	Manganese	691	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5143	68104	Manganese	352	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5144	68104	Manganese	636	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5145	68104	Manganese	413	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5147	68104	Manganese	415	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2229	68105	Manganese	614	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2299	68105	Manganese	655	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2300	68105	Manganese	760	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2308	68105	Manganese	814	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
3076	68105	Manganese	776	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
3118	68105	Manganese	728	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5054	68105	Manganese	369	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5057	68105	Manganese	574	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5105	68105	Manganese	577	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5109	68105	Manganese	676	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5110	68105	Manganese	1240	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5112	68105	Manganese	1010	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5117	68105	Manganese	625	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5123	68105	Manganese	608	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5128	68105	Manganese	557	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5129	68105	Manganese	618	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5132	68105	Manganese	691	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5134	68105	Manganese	674	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5338	68105	Manganese	462	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5347	68105	Manganese	764	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5351	68105	Manganese	0.128	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-05	1E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-05	1E-06
5352	68105	Manganese	674	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5355	68105	Manganese	573	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5356	68105	Manganese	810	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5357	68105	Manganese	742	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5359	68105	Manganese	872	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5361	68105	Manganese	456	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5363	68105	Manganese	785	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5364	68105	Manganese	652	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5365	68105	Manganese	710	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5367	68105	Manganese	753	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5486	68105	Manganese	514	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5488	68105	Manganese	434	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5489	68105	Manganese	698	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5495	68105	Manganese	617	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5509	68105	Manganese	708	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5610	68105	Manganese	753	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2030	68107	Manganese	596	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2038	68107	Manganese	570	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2104	68107	Manganese	330	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2124	68107	Manganese	769	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2167	68107	Manganese	738	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2206	68107	Manganese	341	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
2252	68107	Manganese	659	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2273	68107	Manganese	585	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2292	68107	Manganese	637	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
3003	68107	Manganese	697	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
3021	68107	Manganese	656	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
3074	68107	Manganese	585	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
3121	68107	Manganese	960	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5066	68107	Manganese	474	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5076	68107	Manganese	515	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5130	68107	Manganese	1270	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5157	68107	Manganese	688	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5159	68107	Manganese	601	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5161	68107	Manganese	708	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5163	68107	Manganese	632	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5165	68107	Manganese	615	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5166	68107	Manganese	590	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5172	68107	Manganese	438	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5176	68107	Manganese	980	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5178	68107	Manganese	615	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5180	68107	Manganese	572	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5182	68107	Manganese	633	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5183	68107	Manganese	479	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5185	68107	Manganese	637	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5211	68107	Manganese	425	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5212	68107	Manganese	475	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2170	68108	Manganese	600	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5225	68108	Manganese	628	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5227	68108	Manganese	602	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5229	68108	Manganese	429	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5284	68108	Manganese	605	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5300	68108	Manganese	718	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5304	68108	Manganese	571	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5306	68108	Manganese	863	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5332	68108	Manganese	448	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5387	68108	Manganese	689	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5390	68108	Manganese	764	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5394	68108	Manganese	635	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5395	68108	Manganese	599	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5398	68108	Manganese	816	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5403	68108	Manganese	737	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5429	68108	Manganese	837	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5431	68108	Manganese	729	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5432	68108	Manganese	739	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5449	68108	Manganese	562	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5450	68108	Manganese	784	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5454	68108	Manganese	333	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5460	68108	Manganese	567	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5463	68108	Manganese	735	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5467	68108	Manganese	722	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5472	68108	Manganese	681	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5473	68108	Manganese	880	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5474	68108	Manganese	838	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5480	68108	Manganese	725	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5483	68108	Manganese	508	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5485	68108	Manganese	690	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5492	68108	Manganese	641	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5505	68108	Manganese	533	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5572	68108	Manganese	627	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5607	68108	Manganese	671	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5608	68108	Manganese	616	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5623	68108	Manganese	829	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5628	68108	Manganese	840	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5630	68108	Manganese	669	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5636	68108	Manganese	689	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5637	68108	Manganese	640	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5652	68108	Manganese	566	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
2069	68110	Manganese	732	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2280	68110	Manganese	487	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2354	68110	Manganese	596	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
3136	68110	Manganese	589	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5258	68110	Manganese	602	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5388	68110	Manganese	646	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5520	68110	Manganese	749	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5525	68110	Manganese	613	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5527	68110	Manganese	619	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5530	68110	Manganese	689	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5532	68110	Manganese	579	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5536	68110	Manganese	572	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5541	68110	Manganese	613	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5544	68110	Manganese	633	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5546	68110	Manganese	646	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5551	68110	Manganese	561	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5559	68110	Manganese	615	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5560	68110	Manganese	644	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5561	68110	Manganese	678	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5563	68110	Manganese	670	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5565	68110	Manganese	708	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5566	68110	Manganese	650	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5612	68110	Manganese	717	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5614	68110	Manganese	509	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5641	68110	Manganese	692	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5651	68110	Manganese	661	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2035	68111	Manganese	662	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2075	68111	Manganese	405	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2103	68111	Manganese	771	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
2109	68111	Manganese	694	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
2121	68111	Manganese	655	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2126	68111	Manganese	638	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2154	68111	Manganese	587	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2179	68111	Manganese	676	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
2216	68111	Manganese	726	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
2225	68111	Manganese	593	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
2231	68111	Manganese	180	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2262	68111	Manganese	501	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
2365	68111	Manganese	667	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
3046	68111	Manganese	663	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
3051	68111	Manganese	655	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
3058	68111	Manganese	712	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
3091	68111	Manganese	451	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
3133	68111	Manganese	611	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
3151	68111	Manganese	482	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5013	68111	Manganese	621	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5085	68111	Manganese	617	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5170	68111	Manganese	533	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5171	68111	Manganese	529	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5204	68111	Manganese	667	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5206	68111	Manganese	732	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5208	68111	Manganese	501	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5215	68111	Manganese	588	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5221	68111	Manganese	621	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5230	68111	Manganese	559	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5232	68111	Manganese	625	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5234	68111	Manganese	662	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5236	68111	Manganese	543	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5238	68111	Manganese	701	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5240	68111	Manganese	690	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5242	68111	Manganese	589	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5246	68111	Manganese	691	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5288	68111	Manganese	654	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03

Central Tendency Exposure - Manganese

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5037	68131	Manganese	442	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5150	68131	Manganese	739	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5153	68131	Manganese	710	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5186	68131	Manganese	590	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5188	68131	Manganese	453	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5195	68131	Manganese	467	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5197	68131	Manganese	747	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
5260	68131	Manganese	303	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5272	68131	Manganese	576	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5278	68131	Manganese	689	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5298	68131	Manganese	789	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5377	68131	Manganese	700	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5379	68131	Manganese	703	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5380	68131	Manganese	711	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5139	68132	Manganese	542	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5140	68132	Manganese	575	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5313	68132	Manganese	458	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5317	68132	Manganese	408	4.67E-02	--	1.87E-03	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				RISK FROM INGESTION OF SOIL							RISK FROM CONTACT WITH SOIL									TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE					CTE		CTE										
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22493	68102	Mercury	0.552	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25567	68102	Mercury	0.101	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25717	68102	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
25720	68102	Mercury	0.19	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25914	68102	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
90101	68102	Mercury	0.0838	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50647	68104	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
1626	68105	Mercury	0.578	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
2441	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
2448	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
2465	68105	Mercury	0.538	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5325	68105	Mercury	0.071	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12784	68105	Mercury	0.0453	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
12864	68105	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
12875	68105	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12886	68105	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
12964	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
12995	68105	Mercury	0.0539	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13069	68105	Mercury	0.0409	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
13073	68105	Mercury	0.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13092	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
13166	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
13185	68105	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13187	68105	Mercury	0.073	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13191	68105	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
13204	68105	Mercury	0.0624	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13209	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
13237	68105	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13240	68105	Mercury	0.0775	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13245	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
13248	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13273	68105	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13283	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13322	68105	Mercury	0.1823	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13336	68105	Mercury	0.0935	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13370	68105	Mercury	0.212	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13381	68105	Mercury	0.0551	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13389	68105	Mercury	0.0753	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13403	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13437	68105	Mercury	0.0527	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
13438	68105	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
13460	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13476	68105	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13573	68105	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13577	68105	Mercury	0.0624	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13611	68105	Mercury	0.0794	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13656	68105	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
13690	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13731	68105	Mercury	0.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13735	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
13741	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
13745	68105	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
13779	68105	Mercury	0.0865	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13790	68105	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13791	68105	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13793	68105	Mercury	0.0377	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
13851	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13863	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
13869	68105	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13871	68105	Mercury	0.0878	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13880	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13918	68105	Mercury	0.0552	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13919	68105	Mercury	0.624	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13935	68105	Mercury	0.043	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
13984	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14003	68105	Mercury	0.0523	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
14024	68105	Mercury	0.208	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14050	68105	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14063	68105	Mercury	0.0917	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14080	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14098	68105	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14199	68105	Mercury	0.0654	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14238	68105	Mercury	0.0639	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14322	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14326	68105	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14341	68105	Mercury	0.586	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14407	68105	Mercury	0.0705	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14410	68105	Mercury	0.0732	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14460	68105	Mercury	0.094	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
14492	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14525	68105	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14528	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
14536	68105	Mercury	0.224	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14544	68105	Mercury	0.0835	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14556	68105	Mercury	0.048	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
14557	68105	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14577	68105	Mercury	0.146	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
14602	68105	Mercury	0.086	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14647	68105	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14656	68105	Mercury	0.0708	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14688	68105	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14718	68105	Mercury	0.218	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14739	68105	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14752	68105	Mercury	0.0539	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
14780	68105	Mercury	0.0863	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14817	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
14823	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
14860	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
14885	68105	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14913	68105	Mercury	0.0977	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
14959	68105	Mercury	0.128	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14964	68105	Mercury	0.314	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14976	68105	Mercury	0.0711	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14992	68105	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15003	68105	Mercury	0.217	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15044	68105	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15045	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
15058	68105	Mercury	0.072	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15060	68105	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15091	68105	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15106	68105	Mercury	0.199	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15166	68105	Mercury	0.689	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15227	68105	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
15231	68105	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
15255	68105	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15278	68105	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
15279	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
15292	68105	Mercury	0.1295	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15299	68105	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
15308	68105	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
15317	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
15329	68105	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
15336	68105	Mercury	0.989	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
15348	68105	Mercury	0.087	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15363	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
15372	68105	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15416	68105	Mercury	0.0668	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15496	68105	Mercury	0.0681	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15519	68105	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15526	68105	Mercury	0.0175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
15577	68105	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15587	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
15611	68105	Mercury	0.089	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15651	68105	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15686	68105	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15695	68105	Mercury	0.0746	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15728	68105	Mercury	0.0768	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15801	68105	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15835	68105	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15842	68105	Mercury	0.0638	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15871	68105	Mercury	0.0635	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
15891	68105	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15918	68105	Mercury	0.0307	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
15959	68105	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15985	68105	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15988	68105	Mercury	0.0795	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16027	68105	Mercury	0.256	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16072	68105	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16094	68105	Mercury	0.165	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16098	68105	Mercury	0.183	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16123	68105	Mercury	0.099	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
16155	68105	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16169	68105	Mercury	1.72	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
16182	68105	Mercury	0.0429	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
16186	68105	Mercury	0.1015	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16230	68105	Mercury	0.1675	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16236	68105	Mercury	0.0445	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
16243	68105	Mercury	0.511	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16271	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16308	68105	Mercury	0.303	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16309	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
16321	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
16333	68105	Mercury	0.293	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16364	68105	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
16365	68105	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16384	68105	Mercury	0.0692	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16395	68105	Mercury	0.431	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16420	68105	Mercury	0.0765	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16472	68105	Mercury	0.156	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16473	68105	Mercury	0.201	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16478	68105	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16486	68105	Mercury	0.079	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16499	68105	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16545	68105	Mercury	0.0379	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
16572	68105	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
16589	68105	Mercury	0.0857	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16618	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16646	68105	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16668	68105	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
16749	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
16772	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
16777	68105	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
16793	68105	Mercury	0.0891	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16851	68105	Mercury	0.0893	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16866	68105	Mercury	0.068	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16869	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16889	68105	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
16893	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16922	68105	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16928	68105	Mercury	0.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16946	68105	Mercury	0.295	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16963	68105	Mercury	0.074	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16974	68105	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17040	68105	Mercury	0.26	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17055	68105	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
17065	68105	Mercury	0.358	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17076	68105	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17097	68105	Mercury	0.0493	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
17108	68105	Mercury	0.0909	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17142	68105	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17179	68105	Mercury	0.067	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17198	68105	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17199	68105	Mercury	0.344	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17270	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
17298	68105	Mercury	0.0453	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
17300	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
17348	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17374	68105	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17379	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
17542	68105	Mercury	0.149	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17557	68105	Mercury	0.362	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17719	68105	Mercury	1.67	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
17725	68105	Mercury	0.092	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17745	68105	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17753	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
17802	68105	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17803	68105	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
17827	68105	Mercury	0.0965	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
17876	68105	Mercury	0.224	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17899	68105	Mercury	0.292	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17918	68105	Mercury	1.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17934	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
17935	68105	Mercury	0.222	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18036	68105	Mercury	0.339	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18133	68105	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
18147	68105	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18177	68105	Mercury	0.722	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18187	68105	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
18189	68105	Mercury	0.0922	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18281	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18321	68105	Mercury	0.212	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18349	68105	Mercury	0.213	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18452	68105	Mercury	0.192	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18453	68105	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
18469	68105	Mercury	0.167	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18499	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
18561	68105	Mercury	0.165	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18573	68105	Mercury	0.085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18598	68105	Mercury	1.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18610	68105	Mercury	0.0517	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
18654	68105	Mercury	0.0634	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
18661	68105	Mercury	0.189	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18673	68105	Mercury	0.246	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18676	68105	Mercury	0.0724	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18693	68105	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18757	68105	Mercury	0.382	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18787	68105	Mercury	0.204	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18797	68105	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18825	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18839	68105	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
18871	68105	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18882	68105	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18898	68105	Mercury	0.339	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18927	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18934	68105	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19015	68105	Mercury	0.258	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19028	68105	Mercury	0.211	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19127	68105	Mercury	0.41	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19129	68105	Mercury	0.529	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19169	68105	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19288	68105	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
19310	68105	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19334	68105	Mercury	0.1205	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19344	68105	Mercury	0.21	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19448	68105	Mercury	0.0529	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
19485	68105	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19489	68105	Mercury	0.21	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19496	68105	Mercury	0.128	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19561	68105	Mercury	0.24	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19602	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
19612	68105	Mercury	0.0939	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
19655	68105	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19671	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19676	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19728	68105	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19729	68105	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19768	68105	Mercury	0.0951	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
19787	68105	Mercury	0.713	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19791	68105	Mercury	0.212	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19812	68105	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19831	68105	Mercury	0.0773	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19839	68105	Mercury	0.048	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
19858	68105	Mercury	0.071	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19864	68105	Mercury	0.0608	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
19915	68105	Mercury	0.551	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19923	68105	Mercury	0.201	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19932	68105	Mercury	0.252	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19938	68105	Mercury	0.309	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19972	68105	Mercury	0.239	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19976	68105	Mercury	0.211	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19987	68105	Mercury	0.161	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20069	68105	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20080	68105	Mercury	0.321	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20105	68105	Mercury	0.151	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20110	68105	Mercury	0.085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20128	68105	Mercury	0.206	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20170	68105	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20218	68105	Mercury	0.1525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20236	68105	Mercury	0.0965	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
20313	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20315	68105	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20342	68105	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20420	68105	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20426	68105	Mercury	0.337	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20452	68105	Mercury	0.0742	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20470	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
20471	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
20477	68105	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
20506	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
20510	68105	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20535	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
20545	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20557	68105	Mercury	0.33	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20584	68105	Mercury	0.1045	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20590	68105	Mercury	0.174	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20603	68105	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
20610	68105	Mercury	0.251	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20612	68105	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20656	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
20674	68105	Mercury	0.0942	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
20685	68105	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20702	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
20759	68105	Mercury	0.0973	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
20777	68105	Mercury	0.2665	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20823	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
20845	68105	Mercury	0.0248	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
20856	68105	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20883	68105	Mercury	0.14	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20908	68105	Mercury	0.0963	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
20925	68105	Mercury	0.228	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
20945	68105	Mercury	0.0774	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20961	68105	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20964	68105	Mercury	0.28	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21005	68105	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
21012	68105	Mercury	0.211	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21019	68105	Mercury	0.278	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21053	68105	Mercury	0.208	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21064	68105	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21068	68105	Mercury	0.476	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21079	68105	Mercury	0.072	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21097	68105	Mercury	0.183	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21110	68105	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21136	68105	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21143	68105	Mercury	0.153	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21148	68105	Mercury	0.0594	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
21150	68105	Mercury	0.0875	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21265	68105	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21268	68105	Mercury	0.082	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
21283	68105	Mercury	0.1085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21309	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
21336	68105	Mercury	0.798	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21355	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
21390	68105	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
21394	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
21436	68105	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
21454	68105	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
21490	68105	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21498	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
21513	68105	Mercury	0.835	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21535	68105	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
21551	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
21560	68105	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
21565	68105	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21578	68105	Mercury	0.374	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21609	68105	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21614	68105	Mercury	0.187	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21625	68105	Mercury	0.0711	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21653	68105	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21677	68105	Mercury	0.0999	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
21689	68105	Mercury	0.256	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21705	68105	Mercury	0.208	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21714	68105	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21720	68105	Mercury	0.379	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21724	68105	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21730	68105	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21744	68105	Mercury	0.0812	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21811	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21815	68105	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21822	68105	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21836	68105	Mercury	0.0982	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
21881	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
21884	68105	Mercury	0.0793	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21901	68105	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21916	68105	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
21925	68105	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
21941	68105	Mercury	0.0855	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21956	68105	Mercury	0.241	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21981	68105	Mercury	0.0807	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21985	68105	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21989	68105	Mercury	0.435	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22006	68105	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22013	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
22024	68105	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22025	68105	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22027	68105	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22034	68105	Mercury	0.0752	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22036	68105	Mercury	0.0209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
22039	68105	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22044	68105	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22046	68105	Mercury	0.769	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22056	68105	Mercury	0.094	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
22061	68105	Mercury	0.276	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22074	68105	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22079	68105	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22080	68105	Mercury	0.175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22177	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
22181	68105	Mercury	0.871	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22183	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
22230	68105	Mercury	0.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
22273	68105	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
22295	68105	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22320	68105	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22344	68105	Mercury	0.0856	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22358	68105	Mercury	0.101	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22386	68105	Mercury	0.601	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
22399	68105	Mercury	0.158	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
22405	68105	Mercury	0.1505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22453	68105	Mercury	0.325	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22563	68105	Mercury	0.39	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22574	68105	Mercury	0.216	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22636	68105	Mercury	0.0883	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22715	68105	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22716	68105	Mercury	0.32	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22754	68105	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22772	68105	Mercury	0.0655	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22832	68105	Mercury	0.217	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49272	68105	Mercury	0.385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49289	68105	Mercury	0.587	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
50528	68105	Mercury	0.586	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
50574	68105	Mercury	0.0728	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
90427	68105	Mercury	0.0905	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
93120	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
93354	68105	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93358	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
93364	68105	Mercury	0.0747	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
93381	68105	Mercury	0.79	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51011	68106	Mercury	0.183	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51029	68106	Mercury	0.1165	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51034	68106	Mercury	0.2015	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51037	68106	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
51041	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51046	68106	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
51047	68106	Mercury	0.272	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51052	68106	Mercury	0.915	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51058	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51064	68106	Mercury	0.0189	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
51065	68106	Mercury	0.0457	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
51079	68106	Mercury	0.244	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51080	68106	Mercury	0.0844	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51082	68106	Mercury	0.0779	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51089	68106	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51093	68106	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51101	68106	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
51102	68106	Mercury	0.1225	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51113	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51116	68106	Mercury	0.354	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51118	68106	Mercury	0.365	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51120	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51123	68106	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51126	68106	Mercury	0.224	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51127	68106	Mercury	0.241	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51132	68106	Mercury	0.0635	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
51133	68106	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51143	68106	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51155	68106	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
51158	68106	Mercury	0.808	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51160	68106	Mercury	0.081	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51162	68106	Mercury	0.242	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51184	68106	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2056	68107	Mercury	0.207	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2220	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
2496	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
2499	68107	Mercury	0.332	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10008	68107	Mercury	6.65	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10018	68107	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10044	68107	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10046	68107	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10072	68107	Mercury	0.0879	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10073	68107	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10088	68107	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10095	68107	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
10111	68107	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10130	68107	Mercury	1.99	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
10134	68107	Mercury	0.0681	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10214	68107	Mercury	0.197	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10241	68107	Mercury	0.401	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10290	68107	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10295	68107	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10299	68107	Mercury	0.0747	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10310	68107	Mercury	0.299	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10328	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
10329	68107	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10387	68107	Mercury	0.0476	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10401	68107	Mercury	0.238	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10403	68107	Mercury	0.1895	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10425	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
10432	68107	Mercury	0.093	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10455	68107	Mercury	0.159	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10458	68107	Mercury	0.031	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
10468	68107	Mercury	0.0731	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10471	68107	Mercury	0.38	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10484	68107	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10492	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10500	68107	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10508	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10513	68107	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10538	68107	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10543	68107	Mercury	0.651	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10548	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10578	68107	Mercury	0.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10582	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10622	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
10633	68107	Mercury	0.0355	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
10650	68107	Mercury	0.0905	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10654	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10662	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
10670	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10687	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
10707	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
10720	68107	Mercury	0.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10735	68107	Mercury	0.0477	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10738	68107	Mercury	0.0744	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10794	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10814	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10822	68107	Mercury	0.132	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10831	68107	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10834	68107	Mercury	0.0838	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10842	68107	Mercury	0.0602	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
10848	68107	Mercury	0.1095	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10858	68107	Mercury	0.0624	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
10860	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
10870	68107	Mercury	0.156	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10876	68107	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10877	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
10880	68107	Mercury	0.0327	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
10895	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
10909	68107	Mercury	0.0715	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10914	68107	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10920	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
10925	68107	Mercury	0.195	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10931	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
10938	68107	Mercury	0.349	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10944	68107	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10947	68107	Mercury	0.0533	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
10950	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
10965	68107	Mercury	0.23	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10970	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10990	68107	Mercury	0.0841	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
10991	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
11036	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11069	68107	Mercury	0.085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11070	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11082	68107	Mercury	0.094	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
11094	68107	Mercury	0.0715	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11107	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11118	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11142	68107	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11155	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
11172	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11179	68107	Mercury	0.207	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11191	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
11194	68107	Mercury	0.0327	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
11203	68107	Mercury	0.189	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11208	68107	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11222	68107	Mercury	0.279	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11230	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
11232	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
11233	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11246	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11258	68107	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11268	68107	Mercury	0.0399	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
11272	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
11283	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11303	68107	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11309	68107	Mercury	0.0711	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11312	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11321	68107	Mercury	0.208	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11343	68107	Mercury	0.374	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11349	68107	Mercury	1.36	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11367	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
11372	68107	Mercury	0.153	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11385	68107	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11387	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11400	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11403	68107	Mercury	0.0493	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11408	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
11410	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11416	68107	Mercury	0.514	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11423	68107	Mercury	0.045	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
11439	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11444	68107	Mercury	12.3	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
11449	68107	Mercury	0.0604	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
11465	68107	Mercury	0.261	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11469	68107	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11491	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
11494	68107	Mercury	0.282	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11523	68107	Mercury	0.0502	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11552	68107	Mercury	0.0895	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11558	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11568	68107	Mercury	0.0734	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11599	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11601	68107	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11603	68107	Mercury	0.0696	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11604	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11609	68107	Mercury	0.076	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11614	68107	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11661	68107	Mercury	0.0351	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
11686	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11711	68107	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11741	68107	Mercury	0.0741	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11754	68107	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11765	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11777	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
11807	68107	Mercury	0.262	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11829	68107	Mercury	0.194	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11842	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
11865	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
11894	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
11902	68107	Mercury	0.0512	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
11910	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
11941	68107	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11960	68107	Mercury	0.0517	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
11982	68107	Mercury	0.089	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12002	68107	Mercury	0.079	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12009	68107	Mercury	0.0777	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12012	68107	Mercury	0.0809	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12037	68107	Mercury	0.289	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12047	68107	Mercury	0.0524	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
12086	68107	Mercury	0.734	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12114	68107	Mercury	0.0534	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12116	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
12118	68107	Mercury	0.082	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12124	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
12126	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12152	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
12166	68107	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12194	68107	Mercury	0.245	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12206	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
12220	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12227	68107	Mercury	0.0949	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
12239	68107	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12290	68107	Mercury	0.224	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12296	68107	Mercury	0.239	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12338	68107	Mercury	0.0637	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12344	68107	Mercury	0.0705	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12351	68107	Mercury	0.095	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
12372	68107	Mercury	0.0917	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12388	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
12407	68107	Mercury	0.0581	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
12410	68107	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12414	68107	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12424	68107	Mercury	0.0934	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12439	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12449	68107	Mercury	0.296	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12457	68107	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12506	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12514	68107	Mercury	0.0365	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
12529	68107	Mercury	0.254	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12530	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12547	68107	Mercury	0.0472	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
12551	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
12567	68107	Mercury	0.0537	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12572	68107	Mercury	0.36	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12588	68107	Mercury	0.158	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12590	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12605	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12644	68107	Mercury	0.838	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12667	68107	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12714	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12729	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
12741	68107	Mercury	0.0816	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12755	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12761	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
12794	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12830	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
12848	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
12858	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
12871	68107	Mercury	0.174	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13038	68107	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13045	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
43676	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
43691	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
43698	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
43703	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
43711	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
43729	68107	Mercury	0.187	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43736	68107	Mercury	0.0854	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
43744	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
43746	68107	Mercury	0.177	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43771	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
43790	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
43793	68107	Mercury	0.0832	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
43800	68107	Mercury	0.0489	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
43813	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
43843	68107	Mercury	0.0484	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
43853	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
43869	68107	Mercury	0.0355	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
43874	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
43892	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
43912	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
43933	68107	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
43942	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
43945	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
43949	68107	Mercury	0.082	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
43962	68107	Mercury	0.1065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43978	68107	Mercury	0.433	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44002	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44025	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44037	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44047	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44063	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44066	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
44076	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44104	68107	Mercury	0.0693	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44107	68107	Mercury	0.175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44112	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44127	68107	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44130	68107	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
44133	68107	Mercury	0.0678	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44137	68107	Mercury	0.0816	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44145	68107	Mercury	0.177	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44153	68107	Mercury	0.307	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44157	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44177	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44184	68107	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44185	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44198	68107	Mercury	0.0976	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
44202	68107	Mercury	0.0487	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
44220	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44225	68107	Mercury	0.0475	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
44233	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44236	68107	Mercury	0.0115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
44237	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44248	68107	Mercury	0.0359	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
44299	68107	Mercury	0.612	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
44319	68107	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44348	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44416	68107	Mercury	0.636	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
44446	68107	Mercury	0.391	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44452	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44455	68107	Mercury	0.326	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44456	68107	Mercury	0.484	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44465	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44475	68107	Mercury	0.132	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44482	68107	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44483	68107	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44490	68107	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44503	68107	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44507	68107	Mercury	0.288	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44508	68107	Mercury	0.0487	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
44519	68107	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44526	68107	Mercury	0.479	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44528	68107	Mercury	0.163	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44529	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44531	68107	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44536	68107	Mercury	0.0616	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44539	68107	Mercury	0.0541	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44546	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44549	68107	Mercury	0.14	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44556	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
44567	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44578	68107	Mercury	0.0725	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44581	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44589	68107	Mercury	0.084	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44590	68107	Mercury	0.0955	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
44592	68107	Mercury	0.299	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44597	68107	Mercury	0.0613	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44617	68107	Mercury	0.0699	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44619	68107	Mercury	0.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44623	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44626	68107	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44636	68107	Mercury	0.0823	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44640	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44644	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44668	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44700	68107	Mercury	0.297	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44711	68107	Mercury	21.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
44725	68107	Mercury	0.0838	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44727	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44738	68107	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44740	68107	Mercury	6.59	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44741	68107	Mercury	0.0981	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
44747	68107	Mercury	8.35	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44753	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44755	68107	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
44756	68107	Mercury	0.0685	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44768	68107	Mercury	0.261	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44790	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44798	68107	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44810	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44814	68107	Mercury	0.0675	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44822	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
44854	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44857	68107	Mercury	0.347	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44869	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44877	68107	Mercury	0.197	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44902	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44923	68107	Mercury	0.0732	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44927	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44935	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44939	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44943	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
44955	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
44959	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
44969	68107	Mercury	0.0825	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44979	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44980	68107	Mercury	0.0915	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44984	68107	Mercury	0.0584	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
44987	68107	Mercury	0.087	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44996	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45004	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45005	68107	Mercury	0.232	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45018	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45020	68107	Mercury	0.324	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45023	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45034	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45044	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45056	68107	Mercury	0.0998	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
45072	68107	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
45073	68107	Mercury	0.184	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45077	68107	Mercury	0.0217	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
45078	68107	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45084	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45118	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45147	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45150	68107	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45156	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45166	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45167	68107	Mercury	0.088	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45183	68107	Mercury	0.0921	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45188	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45195	68107	Mercury	0.168	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45199	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45206	68107	Mercury	1.51	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
45213	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45223	68107	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45227	68107	Mercury	0.754	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45236	68107	Mercury	0.0848	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45244	68107	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45259	68107	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45265	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45269	68107	Mercury	0.265	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45298	68107	Mercury	0.0635	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45300	68107	Mercury	0.21	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45303	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45304	68107	Mercury	0.23	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45305	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45321	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45343	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45350	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45356	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45364	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45370	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45390	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45393	68107	Mercury	0.0653	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45404	68107	Mercury	0.0818	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45411	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45423	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45424	68107	Mercury	0.184	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45447	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45458	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45460	68107	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45475	68107	Mercury	0.423	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45484	68107	Mercury	0.0619	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45487	68107	Mercury	0.192	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45494	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45495	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45503	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45530	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45533	68107	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45564	68107	Mercury	0.313	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45566	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45574	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45584	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45608	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45609	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45624	68107	Mercury	0.0447	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
45626	68107	Mercury	0.049	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45645	68107	Mercury	0.258	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45646	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45648	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45662	68107	Mercury	0.222	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45663	68107	Mercury	0.316	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45678	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45698	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45724	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45725	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45728	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45739	68107	Mercury	0.0409	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
45741	68107	Mercury	0.079	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45747	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45764	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45767	68107	Mercury	0.0328	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
45770	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45786	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45787	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
45789	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45811	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45822	68107	Mercury	0.0485	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45837	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
45840	68107	Mercury	0.459	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45849	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45854	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45883	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45906	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45921	68107	Mercury	0.0221	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	4E-05
45923	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45927	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45955	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45970	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45984	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
45988	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
45999	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46035	68107	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46049	68107	Mercury	0.0352	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
46050	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
46052	68107	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46071	68107	Mercury	1.54	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46073	68107	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46091	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46103	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46107	68107	Mercury	0.244	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46118	68107	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46122	68107	Mercury	0.0666	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46127	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46133	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46145	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46150	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46164	68107	Mercury	0.0678	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46168	68107	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46180	68107	Mercury	0.247	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46187	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46210	68107	Mercury	0.157	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46214	68107	Mercury	0.0492	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46241	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46247	68107	Mercury	0.0728	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46260	68107	Mercury	1.5	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46279	68107	Mercury	0.0639	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46297	68107	Mercury	0.188	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46346	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46347	68107	Mercury	0.0898	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46363	68107	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46368	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46380	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46399	68107	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46423	68107	Mercury	1.79	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46432	68107	Mercury	0.202	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46448	68107	Mercury	0.0514	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46461	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46469	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46472	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46473	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46474	68107	Mercury	0.405	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46478	68107	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46490	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46493	68107	Mercury	0.0258	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
46494	68107	Mercury	0.318	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46498	68107	Mercury	0.0747	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46505	68107	Mercury	0.211	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46509	68107	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46527	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46566	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46579	68107	Mercury	0.388	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46583	68107	Mercury	0.302	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46610	68107	Mercury	0.0899	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46626	68107	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46628	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46637	68107	Mercury	0.0787	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46655	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46662	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46664	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46672	68107	Mercury	0.0995	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
46673	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46683	68107	Mercury	0.0875	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46698	68107	Mercury	0.088	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46699	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46708	68107	Mercury	3.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
46712	68107	Mercury	0.269	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46725	68107	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46727	68107	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46731	68107	Mercury	0.165	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46743	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
46763	68107	Mercury	0.26	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46764	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
46772	68107	Mercury	0.785	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46776	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46792	68107	Mercury	0.0845	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46794	68107	Mercury	0.047	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46805	68107	Mercury	0.706	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46808	68107	Mercury	0.177	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46815	68107	Mercury	0.69	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46835	68107	Mercury	0.0505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
46852	68107	Mercury	0.306	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46857	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46864	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46867	68107	Mercury	0.0847	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46893	68107	Mercury	0.199	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46916	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46919	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
46934	68107	Mercury	0.277	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46954	68107	Mercury	0.455	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46964	68107	Mercury	0.0772	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
46976	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
46994	68107	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46998	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
47021	68107	Mercury	0.343	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47030	68107	Mercury	3.33	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
47038	68107	Mercury	0.1315	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47046	68107	Mercury	0.321	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47047	68107	Mercury	0.908	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47052	68107	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47058	68107	Mercury	1.67	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
47088	68107	Mercury	0.406	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47090	68107	Mercury	0.0543	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
47106	68107	Mercury	6.64	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47139	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
47140	68107	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47147	68107	Mercury	0.266	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47148	68107	Mercury	0.358	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47149	68107	Mercury	0.0772	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47163	68107	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47172	68107	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47179	68107	Mercury	0.132	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47181	68107	Mercury	0.194	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47196	68107	Mercury	0.18	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47203	68107	Mercury	0.0675	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47206	68107	Mercury	0.0434	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
47215	68107	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47216	68107	Mercury	0.0703	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47217	68107	Mercury	0.234	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47218	68107	Mercury	0.174	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47223	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
47249	68107	Mercury	0.0633	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
47250	68107	Mercury	0.0665	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47259	68107	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47274	68107	Mercury	0.079	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47275	68107	Mercury	0.049	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
47279	68107	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
47291	68107	Mercury	0.66	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47293	68107	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47296	68107	Mercury	0.208	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47311	68107	Mercury	0.0203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
47312	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
47315	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47320	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
47322	68107	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47338	68107	Mercury	0.188	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47339	68107	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
47356	68107	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47368	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47380	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
47382	68107	Mercury	0.0529	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
47385	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
47390	68107	Mercury	0.084	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47417	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
47421	68107	Mercury	0.0841	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47424	68107	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47425	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
47440	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47452	68107	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47475	68107	Mercury	0.0775	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47485	68107	Mercury	0.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47511	68107	Mercury	0.0905	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47514	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
47518	68107	Mercury	0.071	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47526	68107	Mercury	0.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47544	68107	Mercury	0.539	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47553	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
47565	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
47566	68107	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47604	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
47610	68107	Mercury	0.0715	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47617	68107	Mercury	0.155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47621	68107	Mercury	0.473	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47627	68107	Mercury	0.049	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
47649	68107	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47656	68107	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47670	68107	Mercury	0.215	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47681	68107	Mercury	0.242	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47706	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
47708	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
47761	68107	Mercury	0.191	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47768	68107	Mercury	0.357	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47783	68107	Mercury	0.337	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47795	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
47797	68107	Mercury	0.335	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47811	68107	Mercury	0.194	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47813	68107	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47816	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47820	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
47838	68107	Mercury	2.18	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
47841	68107	Mercury	0.0902	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47860	68107	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47867	68107	Mercury	0.267	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47886	68107	Mercury	0.7	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47895	68107	Mercury	0.203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47924	68107	Mercury	0.0869	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47930	68107	Mercury	0.306	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47934	68107	Mercury	0.231	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47939	68107	Mercury	0.426	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47952	68107	Mercury	0.183	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47966	68107	Mercury	0.0845	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47969	68107	Mercury	0.1445	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48003	68107	Mercury	0.086	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48006	68107	Mercury	0.473	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48014	68107	Mercury	0.071	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48016	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
48018	68107	Mercury	0.0753	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48036	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
48043	68107	Mercury	0.085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48048	68107	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48056	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48092	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48116	68107	Mercury	0.0865	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48118	68107	Mercury	0.005	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
48120	68107	Mercury	0.0698	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48135	68107	Mercury	0.636	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48141	68107	Mercury	0.0659	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48150	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48167	68107	Mercury	0.304	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48232	68107	Mercury	0.087	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48245	68107	Mercury	0.797	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48261	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
48271	68107	Mercury	0.0761	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48292	68107	Mercury	0.151	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48308	68107	Mercury	0.259	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48327	68107	Mercury	0.1125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48334	68107	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48341	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
48359	68107	Mercury	0.0841	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48367	68107	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48368	68107	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48380	68107	Mercury	0.0713	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48416	68107	Mercury	0.0697	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48418	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
48434	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
48494	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48495	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
48508	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
48510	68107	Mercury	0.0273	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
48525	68107	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48547	68107	Mercury	0.1145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48553	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
48578	68107	Mercury	0.933	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48583	68107	Mercury	0.095	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
48589	68107	Mercury	0.346	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48593	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
48596	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
48620	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
48636	68107	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48639	68107	Mercury	0.0455	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
48641	68107	Mercury	0.0583	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
48654	68107	Mercury	0.0848	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48661	68107	Mercury	11.5	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
48668	68107	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48674	68107	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
48685	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
48694	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
48708	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
48715	68107	Mercury	0.247	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48721	68107	Mercury	0.1805	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48733	68107	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48736	68107	Mercury	0.277	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48747	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
48768	68107	Mercury	0.0622	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
48798	68107	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48815	68107	Mercury	0.0951	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
48821	68107	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48836	68107	Mercury	0.241	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48846	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
48855	68107	Mercury	0.207	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48871	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
48886	68107	Mercury	0.186	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48900	68107	Mercury	6.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48904	68107	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48944	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
48952	68107	Mercury	0.453	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48963	68107	Mercury	0.315	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48973	68107	Mercury	0.271	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48975	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48977	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
48999	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49012	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49036	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49070	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49081	68107	Mercury	0.0665	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49082	68107	Mercury	0.0835	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49085	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
49098	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49117	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
49126	68107	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49167	68107	Mercury	3.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
49208	68107	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49239	68107	Mercury	0.0937	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49249	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49371	68107	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49383	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49395	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49404	68107	Mercury	0.0995	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49435	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49439	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49441	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
49444	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
50137	68107	Mercury	0.099	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50139	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
50140	68107	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50141	68107	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50144	68107	Mercury	0.068	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50158	68107	Mercury	0.087	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50185	68107	Mercury	0.093	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50191	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
50192	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
50193	68107	Mercury	0.067	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50214	68107	Mercury	0.074	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50243	68107	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50244	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
50246	68107	Mercury	0.097	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50249	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50276	68107	Mercury	0.092	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50284	68107	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50286	68107	Mercury	0.028	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
50292	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
50293	68107	Mercury	0.084	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50294	68107	Mercury	0.03	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	5E-05
50299	68107	Mercury	0.042	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
50300	68107	Mercury	0.072	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50313	68107	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50325	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
50326	68107	Mercury	0.153	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50335	68107	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50359	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50360	68107	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50361	68107	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50362	68107	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50537	68107	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
76891	68107	Mercury	0.0696	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
89377	68107	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89408	68107	Mercury	0.157	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2518	68108	Mercury	1.21	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2521	68108	Mercury	0.0469	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
2522	68108	Mercury	0.176	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2527	68108	Mercury	0.45	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
2532	68108	Mercury	0.128	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12816	68108	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12859	68108	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12926	68108	Mercury	0.0699	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12947	68108	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13102	68108	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13164	68108	Mercury	0.794	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13184	68108	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13189	68108	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13239	68108	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13267	68108	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13436	68108	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
13485	68108	Mercury	0.0528	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
13529	68108	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13530	68108	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
13536	68108	Mercury	0.682	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13575	68108	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13645	68108	Mercury	0.0991	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
13661	68108	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13674	68108	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13675	68108	Mercury	0.0628	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
13760	68108	Mercury	0.088	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
13773	68108	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
13795	68108	Mercury	0.22	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13941	68108	Mercury	0.0798	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14043	68108	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
14076	68108	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
14079	68108	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
14130	68108	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14140	68108	Mercury	0.0816	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
14203	68108	Mercury	0.0448	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
14270	68108	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
14279	68108	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
14290	68108	Mercury	1.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14438	68108	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14449	68108	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14481	68108	Mercury	0.157	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14486	68108	Mercury	0.0499	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
14497	68108	Mercury	0.647	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14537	68108	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14545	68108	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14576	68108	Mercury	0.187	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14578	68108	Mercury	0.0485	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
14617	68108	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14660	68108	Mercury	0.284	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14692	68108	Mercury	0.222	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14720	68108	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14818	68108	Mercury	0.167	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14825	68108	Mercury	1.01	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14849	68108	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14855	68108	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14878	68108	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
14914	68108	Mercury	0.218	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14998	68108	Mercury	0.0991	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
15001	68108	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15051	68108	Mercury	0.292	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15053	68108	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15116	68108	Mercury	0.313	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15135	68108	Mercury	0.1295	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15248	68108	Mercury	0.0139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-04	2E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-04	2E-05
15256	68108	Mercury	0.216	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15266	68108	Mercury	0.204	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15337	68108	Mercury	0.1355	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15443	68108	Mercury	0.0641	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15468	68108	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
15601	68108	Mercury	0.175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15603	68108	Mercury	0.0329	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
15687	68108	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15748	68108	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15768	68108	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15915	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
15939	68108	Mercury	0.0773	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15955	68108	Mercury	0.222	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15966	68108	Mercury	0.3	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15980	68108	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
16006	68108	Mercury	0.0239	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
16126	68108	Mercury	0.0493	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
16135	68108	Mercury	0.04935	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
16137	68108	Mercury	0.1505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16145	68108	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
16261	68108	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
16267	68108	Mercury	0.0845	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16319	68108	Mercury	0.8	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16349	68108	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16446	68108	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16530	68108	Mercury	0.128	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16556	68108	Mercury	0.0681	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16581	68108	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16595	68108	Mercury	0.0466	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
16599	68108	Mercury	0.0655	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16711	68108	Mercury	0.219	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16813	68108	Mercury	0.565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16973	68108	Mercury	0.372	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17004	68108	Mercury	0.226	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17005	68108	Mercury	0.0944	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
17022	68108	Mercury	0.245	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17242	68108	Mercury	0.328	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17247	68108	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17282	68108	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17316	68108	Mercury	0.408	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17323	68108	Mercury	0.048	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
17335	68108	Mercury	0.088	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17360	68108	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17414	68108	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
17416	68108	Mercury	0.38	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17417	68108	Mercury	0.244	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17418	68108	Mercury	0.242	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17461	68108	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17498	68108	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
17550	68108	Mercury	0.0641	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17671	68108	Mercury	0.436	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17699	68108	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17700	68108	Mercury	0.481	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17701	68108	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17703	68108	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
17732	68108	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17778	68108	Mercury	0.251	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17840	68108	Mercury	0.1115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17849	68108	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17861	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
17864	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
17865	68108	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
17908	68108	Mercury	0.29	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17945	68108	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17963	68108	Mercury	0.18	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17968	68108	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17985	68108	Mercury	0.0467	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
18129	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18148	68108	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18179	68108	Mercury	0.178	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18198	68108	Mercury	0.261	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18218	68108	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18222	68108	Mercury	0.194	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18249	68108	Mercury	0.153	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18328	68108	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18330	68108	Mercury	0.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18339	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18385	68108	Mercury	0.349	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18422	68108	Mercury	0.189	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18435	68108	Mercury	0.19	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18461	68108	Mercury	0.0705	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18486	68108	Mercury	0.0505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
18532	68108	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18547	68108	Mercury	0.0946	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
18597	68108	Mercury	0.434	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18634	68108	Mercury	0.081	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18664	68108	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
18687	68108	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18691	68108	Mercury	0.294	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18697	68108	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
18712	68108	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18718	68108	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18749	68108	Mercury	0.0616	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
18800	68108	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18802	68108	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18833	68108	Mercury	0.363	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18890	68108	Mercury	1.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18903	68108	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18943	68108	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18968	68108	Mercury	0.163	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18988	68108	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
19030	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19116	68108	Mercury	0.379	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19126	68108	Mercury	0.0896	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19153	68108	Mercury	0.254	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19190	68108	Mercury	0.398	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19343	68108	Mercury	0.234	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19371	68108	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
19373	68108	Mercury	0.21	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19417	68108	Mercury	0.186	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19440	68108	Mercury	0.0705	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19444	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19474	68108	Mercury	0.551	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19640	68108	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19660	68108	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19680	68108	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
19792	68108	Mercury	0.312	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19875	68108	Mercury	0.228	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19920	68108	Mercury	0.456	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19988	68108	Mercury	0.0733	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20044	68108	Mercury	0.274	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20137	68108	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20149	68108	Mercury	0.318	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20168	68108	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
20169	68108	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20244	68108	Mercury	0.159	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20285	68108	Mercury	0.488	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20287	68108	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20344	68108	Mercury	0.422	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20367	68108	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20464	68108	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20467	68108	Mercury	0.0896	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
20567	68108	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
20588	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
20608	68108	Mercury	0.353	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20629	68108	Mercury	0.14	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20671	68108	Mercury	0.202	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20746	68108	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
20752	68108	Mercury	0.0493	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
20831	68108	Mercury	0.218	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20881	68108	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20922	68108	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
21123	68108	Mercury	0.0387	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
21190	68108	Mercury	0.0484	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
21502	68108	Mercury	4.77	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
21582	68108	Mercury	0.219	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
21729	68108	Mercury	0.0913	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21863	68108	Mercury	0.49	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
22203	68108	Mercury	0.092	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22282	68108	Mercury	0.682	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50453	68108	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50624	68108	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
74047	68108	Mercury	0.168	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
79306	68108	Mercury	0.566	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
87989	68108	Mercury	0.586	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
88004	68108	Mercury	0.225	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
88031	68108	Mercury	2.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
89842	68108	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90601	68108	Mercury	0.0623	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
92372	68108	Mercury	0.187	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93003	68108	Mercury	0.179	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93522	68108	Mercury	0.319	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2355	68110	Mercury	0.338	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2539	68110	Mercury	0.156	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5650	68110	Mercury	0.187	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26122	68110	Mercury	0.196	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26133	68110	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26234	68110	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26341	68110	Mercury	0.449	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26410	68110	Mercury	0.0775	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26447	68110	Mercury	0.085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26465	68110	Mercury	0.292	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26527	68110	Mercury	0.3	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26550	68110	Mercury	0.648	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26762	68110	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27034	68110	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27069	68110	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27291	68110	Mercury	0.2425	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27435	68110	Mercury	0.186	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27589	68110	Mercury	0.243	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27592	68110	Mercury	0.164	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27683	68110	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27704	68110	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27756	68110	Mercury	0.178	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27815	68110	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27822	68110	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27826	68110	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27840	68110	Mercury	0.428	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27844	68110	Mercury	0.0875	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27884	68110	Mercury	0.176	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27907	68110	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
27927	68110	Mercury	0.175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27984	68110	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28074	68110	Mercury	0.397	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28075	68110	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28120	68110	Mercury	0.074	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28167	68110	Mercury	0.203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28226	68110	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
28335	68110	Mercury	0.234	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28360	68110	Mercury	0.321	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28404	68110	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28421	68110	Mercury	0.651	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28455	68110	Mercury	0.237	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28501	68110	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28550	68110	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28591	68110	Mercury	0.312	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28647	68110	Mercury	0.205	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28670	68110	Mercury	0.252	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28711	68110	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28717	68110	Mercury	0.219	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28726	68110	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
28905	68110	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
28977	68110	Mercury	0.246	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28999	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29058	68110	Mercury	0.389	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29063	68110	Mercury	0.397	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29084	68110	Mercury	0.191	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29093	68110	Mercury	0.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29095	68110	Mercury	0.331	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29117	68110	Mercury	0.366	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29135	68110	Mercury	1.02	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29207	68110	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29238	68110	Mercury	0.0915	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29257	68110	Mercury	0.267	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29271	68110	Mercury	0.175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29283	68110	Mercury	0.457	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29290	68110	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29332	68110	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29360	68110	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
29361	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29393	68110	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
29421	68110	Mercury	0.321	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29493	68110	Mercury	0.235	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29500	68110	Mercury	0.285	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29505	68110	Mercury	2.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
29550	68110	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29610	68110	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
29634	68110	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29665	68110	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29753	68110	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29774	68110	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29786	68110	Mercury	0.227	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29795	68110	Mercury	0.474	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29844	68110	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29877	68110	Mercury	0.0779	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29887	68110	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29911	68110	Mercury	0.0833	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29913	68110	Mercury	0.295	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29920	68110	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29921	68110	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29934	68110	Mercury	0.0301	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	5E-05
29942	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29943	68110	Mercury	0.283	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30017	68110	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
30172	68110	Mercury	0.236	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30189	68110	Mercury	0.249	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30210	68110	Mercury	0.384	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30291	68110	Mercury	0.281	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30394	68110	Mercury	0.305	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30410	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30422	68110	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30443	68110	Mercury	2.23	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30469	68110	Mercury	0.1125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30470	68110	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				RISK FROM INGESTION OF SOIL							RISK FROM CONTACT WITH SOIL									TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE					CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30500	68110	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
30551	68110	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
30556	68110	Mercury	0.299	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30566	68110	Mercury	0.0981	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
30575	68110	Mercury	0.167	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30633	68110	Mercury	0.235	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30651	68110	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30688	68110	Mercury	0.186	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30705	68110	Mercury	0.23	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30786	68110	Mercury	0.165	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30803	68110	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30870	68110	Mercury	0.179	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30954	68110	Mercury	0.195	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30980	68110	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31097	68110	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31153	68110	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31174	68110	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31223	68110	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31231	68110	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
31350	68110	Mercury	1.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31401	68110	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31568	68110	Mercury	0.0845	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31645	68110	Mercury	0.161	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31757	68110	Mercury	7.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31760	68110	Mercury	2.84	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
31814	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31832	68110	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31959	68110	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
32019	68110	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32039	68110	Mercury	0.445	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32043	68110	Mercury	0.0684	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32063	68110	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32214	68110	Mercury	0.205	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32373	68110	Mercury	0.203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32484	68110	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
32508	68110	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32529	68110	Mercury	0.448	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32536	68110	Mercury	0.227	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32570	68110	Mercury	0.294	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32645	68110	Mercury	0.326	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32707	68110	Mercury	1.53	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32727	68110	Mercury	1.33	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32733	68110	Mercury	0.213	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32734	68110	Mercury	0.161	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32875	68110	Mercury	0.195	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32903	68110	Mercury	0.32	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32915	68110	Mercury	0.259	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32927	68110	Mercury	0.0594	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
32996	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33078	68110	Mercury	0.302	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33084	68110	Mercury	0.56	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33280	68110	Mercury	0.1185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33421	68110	Mercury	0.928	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33468	68110	Mercury	0.204	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33472	68110	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
33477	68110	Mercury	0.0533	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
33483	68110	Mercury	0.211	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33512	68110	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
33519	68110	Mercury	0.322	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33543	68110	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33555	68110	Mercury	0.22	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33602	68110	Mercury	0.272	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33629	68110	Mercury	0.178	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33635	68110	Mercury	0.088	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33714	68110	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33725	68110	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
33840	68110	Mercury	0.283	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33927	68110	Mercury	0.0658	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34002	68110	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34047	68110	Mercury	0.458	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34116	68110	Mercury	0.202	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34237	68110	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34260	68110	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
34266	68110	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
34272	68110	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34276	68110	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34287	68110	Mercury	0.423	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34613	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34625	68110	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34638	68110	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34674	68110	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34696	68110	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34710	68110	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34733	68110	Mercury	0.754	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34738	68110	Mercury	0.0384	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
34742	68110	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34821	68110	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
35022	68110	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
35047	68110	Mercury	1.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
35180	68110	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
35183	68110	Mercury	0.288	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35249	68110	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35384	68110	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35438	68110	Mercury	0.45	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35501	68110	Mercury	0.588	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35558	68110	Mercury	0.3	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35589	68110	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
35637	68110	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35710	68110	Mercury	0.0667	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35754	68110	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35787	68110	Mercury	0.0765	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35792	68110	Mercury	0.0446	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
35793	68110	Mercury	0.072	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
36189	68110	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
37075	68110	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37434	68110	Mercury	0.132	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37456	68110	Mercury	0.155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37525	68110	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
37674	68110	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37821	68110	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38725	68110	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38863	68110	Mercury	0.521	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
39142	68110	Mercury	0.128	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
39271	68110	Mercury	0.1035	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
39434	68110	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
39572	68110	Mercury	0.595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
55636	68110	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
74149	68110	Mercury	0.213	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
79377	68110	Mercury	0.094	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
81398	68110	Mercury	0.068	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
81400	68110	Mercury	0.0583	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
87991	68110	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90908	68110	Mercury	0.344	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
91449	68110	Mercury	0.167	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
92501	68110	Mercury	0.0919	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
92675	68110	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93337	68110	Mercury	0.0975	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
93338	68110	Mercury	0.0889	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
93342	68110	Mercury	0.019	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
93344	68110	Mercury	0.0878	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
93345	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2118	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2425	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
2565	68111	Mercury	0.087	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25647	68111	Mercury	0.0995	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
25663	68111	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25670	68111	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25708	68111	Mercury	0.557	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25709	68111	Mercury	0.0833	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25750	68111	Mercury	0.079	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25780	68111	Mercury	0.081	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25786	68111	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25794	68111	Mercury	395	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E+00	6E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**6E+00**	6E-01
25804	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25805	68111	Mercury	0.569	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25834	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25849	68111	Mercury	0.14	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25869	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
25874	68111	Mercury	0.43	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25877	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25894	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25903	68111	Mercury	0.0701	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25918	68111	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25921	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
25977	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
25985	68111	Mercury	1.26	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26005	68111	Mercury	0.314	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26009	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26011	68111	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
26030	68111	Mercury	0.443	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26042	68111	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26043	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26045	68111	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
26053	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
26084	68111	Mercury	0.489	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26100	68111	Mercury	0.378	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26124	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
26135	68111	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26142	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
26149	68111	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26160	68111	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26164	68111	Mercury	0.221	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26191	68111	Mercury	0.0705	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26199	68111	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
26202	68111	Mercury	0.627	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26204	68111	Mercury	0.042	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
26211	68111	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26215	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26228	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
26229	68111	Mercury	0.337	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26231	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
26249	68111	Mercury	0.0815	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26257	68111	Mercury	0.237	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26263	68111	Mercury	0.74	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26288	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26289	68111	Mercury	0.314	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26290	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26295	68111	Mercury	0.0766	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26303	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26327	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
26372	68111	Mercury	0.326	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26428	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
26456	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26459	68111	Mercury	0.221	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26480	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26485	68111	Mercury	0.0326	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
26514	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26518	68111	Mercury	0.191	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26543	68111	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26570	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26604	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26653	68111	Mercury	0.809	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26663	68111	Mercury	0.191	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26665	68111	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26682	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26695	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
26716	68111	Mercury	0.341	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26742	68111	Mercury	0.0665	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26757	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26759	68111	Mercury	0.0893	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26772	68111	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26779	68111	Mercury	0.242	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26783	68111	Mercury	0.277	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26834	68111	Mercury	0.385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26844	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
26858	68111	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26865	68111	Mercury	0.155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26868	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26869	68111	Mercury	0.576	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26877	68111	Mercury	0.146	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26891	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
26948	68111	Mercury	0.302	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26955	68111	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26967	68111	Mercury	0.0877	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26996	68111	Mercury	0.252	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26997	68111	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26999	68111	Mercury	0.353	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27005	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27031	68111	Mercury	0.0645	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27038	68111	Mercury	1.3	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27052	68111	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27074	68111	Mercury	0.049	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
27096	68111	Mercury	1.77	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27107	68111	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27117	68111	Mercury	0.0462	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
27120	68111	Mercury	0.158	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27137	68111	Mercury	0.516	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27138	68111	Mercury	0.255	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27139	68111	Mercury	0.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27140	68111	Mercury	0.0289	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	5E-05
27142	68111	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27144	68111	Mercury	0.155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27145	68111	Mercury	0.0531	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
27148	68111	Mercury	0.0604	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
27177	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27185	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27191	68111	Mercury	5.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
27193	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27202	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
27264	68111	Mercury	0.203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27266	68111	Mercury	5.74	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
27269	68111	Mercury	0.4	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27278	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27308	68111	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27315	68111	Mercury	0.608	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27318	68111	Mercury	0.231	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27342	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27347	68111	Mercury	1.7	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27366	68111	Mercury	0.088	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27369	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27399	68111	Mercury	4.67	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27402	68111	Mercury	2.57	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
27446	68111	Mercury	0.197	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27461	68111	Mercury	0.0848	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27467	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
27475	68111	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27481	68111	Mercury	0.067	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27488	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
27524	68111	Mercury	0.0379	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
27567	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
27581	68111	Mercury	0.572	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27585	68111	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27604	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27608	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
27630	68111	Mercury	0.231	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27632	68111	Mercury	0.0602	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
27658	68111	Mercury	0.0642	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27718	68111	Mercury	0.076	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27734	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
27739	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27742	68111	Mercury	0.533	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27764	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
27768	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
27780	68111	Mercury	0.27	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27854	68111	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27859	68111	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27885	68111	Mercury	0.383	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27886	68111	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27913	68111	Mercury	0.464	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27920	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
27924	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
27939	68111	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27962	68111	Mercury	0.554	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28004	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28011	68111	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28019	68111	Mercury	0.943	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
28020	68111	Mercury	0.0809	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28022	68111	Mercury	0.04865	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
28045	68111	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28065	68111	Mercury	0.255	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28072	68111	Mercury	0.164	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28105	68111	Mercury	0.514	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28108	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
28144	68111	Mercury	1.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28148	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28154	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
28157	68111	Mercury	0.0478	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
28185	68111	Mercury	0.0675	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28186	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
28188	68111	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28218	68111	Mercury	0.231	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28222	68111	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28273	68111	Mercury	0.0752	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28284	68111	Mercury	0.0914	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28329	68111	Mercury	0.0775	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28338	68111	Mercury	0.181	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28375	68111	Mercury	0.224	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28377	68111	Mercury	11.3	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
28417	68111	Mercury	0.117	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28423	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28434	68111	Mercury	0.206	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28518	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
28544	68111	Mercury	0.0957	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
28558	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
28561	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
28573	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
28611	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28612	68111	Mercury	0.196	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28618	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28623	68111	Mercury	0.0995	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
28625	68111	Mercury	0.318	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28648	68111	Mercury	6.33	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28661	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28688	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
28709	68111	Mercury	0.0917	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28713	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
28725	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28730	68111	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28749	68111	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28763	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
28764	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
28766	68111	Mercury	0.0728	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28781	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
28785	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
28798	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
28799	68111	Mercury	0.348	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28809	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
28811	68111	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28819	68111	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28836	68111	Mercury	0.0876	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28837	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28841	68111	Mercury	0.404	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28846	68111	Mercury	0.09	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28893	68111	Mercury	226	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E+00	4E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**3E+00**	4E-01
28909	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
28942	68111	Mercury	0.493	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28959	68111	Mercury	0.089	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28963	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28967	68111	Mercury	0.391	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28984	68111	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28991	68111	Mercury	0.316	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29002	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
29023	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
29033	68111	Mercury	0.183	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29037	68111	Mercury	0.0452	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
29071	68111	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29090	68111	Mercury	0.544	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29101	68111	Mercury	1.27	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29102	68111	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29105	68111	Mercury	0.0621	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
29155	68111	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29165	68111	Mercury	0.219	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29175	68111	Mercury	0.0941	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
29177	68111	Mercury	3.89	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
29181	68111	Mercury	0.261	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29204	68111	Mercury	0.0969	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
29205	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29214	68111	Mercury	0.0821	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29220	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29240	68111	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29248	68111	Mercury	0.249	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29274	68111	Mercury	0.0627	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
29285	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29328	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29343	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
29354	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29358	68111	Mercury	0.208	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29386	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29409	68111	Mercury	32.9	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-01	5E-02
29431	68111	Mercury	0.489	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29432	68111	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29445	68111	Mercury	27.9	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29469	68111	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29499	68111	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29552	68111	Mercury	0.1155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29558	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
29578	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29608	68111	Mercury	0.262	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29625	68111	Mercury	0.093	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29633	68111	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29671	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29678	68111	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29683	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
29684	68111	Mercury	0.04945	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
29689	68111	Mercury	0.073	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29717	68111	Mercury	0.279	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29777	68111	Mercury	0.085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29792	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
29806	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
29818	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
29824	68111	Mercury	0.0683	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29826	68111	Mercury	0.168	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29881	68111	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29889	68111	Mercury	0.158	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29910	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29912	68111	Mercury	0.089	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29927	68111	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29953	68111	Mercury	0.0825	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
29974	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29978	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
29991	68111	Mercury	0.149	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29993	68111	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30012	68111	Mercury	0.228	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30045	68111	Mercury	0.168	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30050	68111	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30068	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
30078	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30081	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
30123	68111	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30130	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30133	68111	Mercury	0.0843	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30161	68111	Mercury	0.0853	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30169	68111	Mercury	0.0467	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
30171	68111	Mercury	0.0671	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30177	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30182	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
30201	68111	Mercury	0.09	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30220	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
30225	68111	Mercury	0.206	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30244	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30253	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30345	68111	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30347	68111	Mercury	0.0489	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
30387	68111	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30417	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30420	68111	Mercury	0.714	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30434	68111	Mercury	0.0897	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30455	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
30462	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30494	68111	Mercury	0.0498	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
30521	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
30526	68111	Mercury	0.0603	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30536	68111	Mercury	0.677	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30563	68111	Mercury	0.0601	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30580	68111	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30625	68111	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30644	68111	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30645	68111	Mercury	0.1265	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30683	68111	Mercury	0.0849	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30699	68111	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30700	68111	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30714	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
30757	68111	Mercury	0.278	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30802	68111	Mercury	0.0724	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30813	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30817	68111	Mercury	0.0723	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30836	68111	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
30841	68111	Mercury	0.24	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30844	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30881	68111	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30888	68111	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30918	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
30927	68111	Mercury	0.0897	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30932	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30933	68111	Mercury	0.09	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30939	68111	Mercury	0.036	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	6E-05
30978	68111	Mercury	0.0371	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
30991	68111	Mercury	0.237	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30995	68111	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30997	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
31008	68111	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
31042	68111	Mercury	0.0531	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
31045	68111	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31046	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
31052	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
31056	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31071	68111	Mercury	0.0819	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31074	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31076	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
31081	68111	Mercury	0.203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31102	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31104	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
31120	68111	Mercury	0.268	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31129	68111	Mercury	0.0997	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31131	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31141	68111	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31145	68111	Mercury	0.081	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31163	68111	Mercury	0.277	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31171	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
31176	68111	Mercury	0.0794	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31186	68111	Mercury	0.087	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31189	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
31192	68111	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31206	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
31229	68111	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31237	68111	Mercury	0.271	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31262	68111	Mercury	0.164	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31300	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
31303	68111	Mercury	0.234	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31316	68111	Mercury	0.54	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31357	68111	Mercury	0.0868	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31360	68111	Mercury	0.0476	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
31361	68111	Mercury	0.27	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31362	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
31365	68111	Mercury	0.0895	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31366	68111	Mercury	0.379	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31377	68111	Mercury	0.0687	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31398	68111	Mercury	0.238	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31408	68111	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31433	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
31442	68111	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
31444	68111	Mercury	0.295	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31457	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31478	68111	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31517	68111	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
31583	68111	Mercury	0.0448	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
31603	68111	Mercury	0.221	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31607	68111	Mercury	0.258	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31615	68111	Mercury	0.378	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31695	68111	Mercury	0.0835	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31698	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
31733	68111	Mercury	0.0316	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-04	5E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-04	5E-05
31740	68111	Mercury	0.297	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31799	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
31803	68111	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31823	68111	Mercury	0.095	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31850	68111	Mercury	0.0888	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31853	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31854	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31858	68111	Mercury	0.0618	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
31868	68111	Mercury	0.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31871	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31882	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31887	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
31896	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31899	68111	Mercury	0.0765	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31911	68111	Mercury	0.0638	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31925	68111	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31936	68111	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31964	68111	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31965	68111	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31977	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
31986	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32001	68111	Mercury	0.313	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32016	68111	Mercury	0.0563	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32021	68111	Mercury	0.1085	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32022	68111	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32040	68111	Mercury	0.381	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32046	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32049	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32070	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32081	68111	Mercury	0.0617	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32089	68111	Mercury	0.0861	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32092	68111	Mercury	0.101	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32153	68111	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32162	68111	Mercury	0.0546	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32188	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32208	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32228	68111	Mercury	0.0432	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
32252	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32256	68111	Mercury	0.344	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32261	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32267	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32276	68111	Mercury	0.202	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32277	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32283	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32284	68111	Mercury	0.392	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32287	68111	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32293	68111	Mercury	0.083	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32311	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32316	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32325	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32339	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32346	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32414	68111	Mercury	0.107	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32418	68111	Mercury	0.189	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32428	68111	Mercury	0.0608	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32429	68111	Mercury	0.4	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32441	68111	Mercury	0.0776	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32444	68111	Mercury	0.338	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32455	68111	Mercury	0.0577	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
32456	68111	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32458	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32497	68111	Mercury	0.0485	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32502	68111	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32539	68111	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32547	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32562	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32581	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32596	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32633	68111	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32673	68111	Mercury	0.078	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32678	68111	Mercury	0.0832	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32686	68111	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
32696	68111	Mercury	0.0873	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32702	68111	Mercury	0.0969	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
32708	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
32736	68111	Mercury	0.192	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32775	68111	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32779	68111	Mercury	0.21	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32780	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32783	68111	Mercury	0.0505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
32818	68111	Mercury	0.497	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32847	68111	Mercury	0.0662	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32851	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32852	68111	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32874	68111	Mercury	0.0483	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32876	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32891	68111	Mercury	0.0564	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32896	68111	Mercury	0.155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32912	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
32914	68111	Mercury	0.0633	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
32931	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32940	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32949	68111	Mercury	0.327	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32968	68111	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32972	68111	Mercury	0.205	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32973	68111	Mercury	0.0912	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32974	68111	Mercury	0.0491	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
32989	68111	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32992	68111	Mercury	0.163	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33009	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
33012	68111	Mercury	0.0813	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33014	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
33036	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
33037	68111	Mercury	0.0756	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33042	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
33043	68111	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33060	68111	Mercury	0.567	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33062	68111	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33120	68111	Mercury	0.0559	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
33177	68111	Mercury	0.0483	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
33207	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
33296	68111	Mercury	0.648	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33314	68111	Mercury	0.179	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33317	68111	Mercury	0.984	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
33350	68111	Mercury	0.071	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33372	68111	Mercury	0.146	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33392	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
33453	68111	Mercury	0.1045	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33456	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
33480	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
33492	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
33600	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33607	68111	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33630	68111	Mercury	0.795	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33631	68111	Mercury	0.063	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
33647	68111	Mercury	0.345	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33696	68111	Mercury	0.159	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33711	68111	Mercury	0.074	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33741	68111	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33772	68111	Mercury	0.0805	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33803	68111	Mercury	0.0865	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33805	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
33806	68111	Mercury	0.2	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33818	68111	Mercury	0.0695	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33831	68111	Mercury	0.429	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33833	68111	Mercury	0.0705	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33856	68111	Mercury	0.074	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33863	68111	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33875	68111	Mercury	0.0979	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
33903	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
33915	68111	Mercury	0.266	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33947	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
33997	68111	Mercury	0.086	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34037	68111	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34040	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
34059	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34060	68111	Mercury	0.237	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34075	68111	Mercury	0.072	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34088	68111	Mercury	0.468	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34126	68111	Mercury	0.082	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34128	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
34142	68111	Mercury	0.466	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34173	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
34179	68111	Mercury	1.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
34200	68111	Mercury	0.0683	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34219	68111	Mercury	0.083	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34222	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34224	68111	Mercury	0.307	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34225	68111	Mercury	0.176	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34247	68111	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34251	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34255	68111	Mercury	0.623	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34257	68111	Mercury	0.158	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34320	68111	Mercury	0.178	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34371	68111	Mercury	0.167	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34377	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34387	68111	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34396	68111	Mercury	0.0957	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
34430	68111	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34444	68111	Mercury	0.62	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34478	68111	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
34503	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34560	68111	Mercury	0.461	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34562	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34595	68111	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34621	68111	Mercury	0.416	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34626	68111	Mercury	0.733	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34639	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
34663	68111	Mercury	0.1035	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34669	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
34691	68111	Mercury	0.0515	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
34703	68111	Mercury	30.5	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-01	5E-02
34766	68111	Mercury	0.0726	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34778	68111	Mercury	0.103	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34888	68111	Mercury	0.232	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34892	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
34904	68111	Mercury	0.458	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34917	68111	Mercury	0.0857	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34923	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34936	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
34948	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34953	68111	Mercury	0.1325	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34985	68111	Mercury	0.149	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34993	68111	Mercury	0.536	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34999	68111	Mercury	0.0665	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35003	68111	Mercury	0.308	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35014	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
35042	68111	Mercury	0.046	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
35043	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
35059	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
35072	68111	Mercury	0.0845	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35095	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35137	68111	Mercury	0.326	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35152	68111	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
35223	68111	Mercury	0.096	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
35233	68111	Mercury	0.0625	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
35242	68111	Mercury	4.35	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
35252	68111	Mercury	0.229	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35273	68111	Mercury	0.292	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35285	68111	Mercury	0.118	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35287	68111	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35288	68111	Mercury	0.327	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35290	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
35350	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
35404	68111	Mercury	0.362	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35417	68111	Mercury	0.0988	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
35458	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
35495	68111	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35503	68111	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35513	68111	Mercury	0.161	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35517	68111	Mercury	0.328	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35536	68111	Mercury	0.273	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35575	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35614	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
35619	68111	Mercury	0.0765	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35786	68111	Mercury	0.0505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
35821	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
35822	68111	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
35826	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
35830	68111	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35877	68111	Mercury	2.29	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
35921	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
35935	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35943	68111	Mercury	0.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35947	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
35964	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35969	68111	Mercury	0.0988	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
36000	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36007	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
36015	68111	Mercury	0.133	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36024	68111	Mercury	0.122	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36040	68111	Mercury	0.554	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
36046	68111	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36072	68111	Mercury	0.0937	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
36093	68111	Mercury	4.46	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
36116	68111	Mercury	0.372	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36138	68111	Mercury	0.0597	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
36167	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36194	68111	Mercury	1.19	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
36212	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
36238	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
36246	68111	Mercury	0.1695	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36251	68111	Mercury	0.168	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36257	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36259	68111	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36269	68111	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36325	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
36356	68111	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36408	68111	Mercury	0.268	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36410	68111	Mercury	0.093	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
36427	68111	Mercury	0.084	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
36464	68111	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36467	68111	Mercury	0.226	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36507	68111	Mercury	0.359	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36557	68111	Mercury	0.361	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36574	68111	Mercury	0.075	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
36656	68111	Mercury	1.71	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
36679	68111	Mercury	0.099	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
36701	68111	Mercury	0.305	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36706	68111	Mercury	0.536	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
36936	68111	Mercury	0.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37023	68111	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37025	68111	Mercury	0.0406	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
37031	68111	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37036	68111	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37049	68111	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37087	68111	Mercury	0.672	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37097	68111	Mercury	0.196	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37156	68111	Mercury	0.164	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37189	68111	Mercury	0.46	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37193	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37210	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
37219	68111	Mercury	0.144	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37223	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
37226	68111	Mercury	0.099	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
37276	68111	Mercury	0.211	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37361	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
37402	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
37465	68111	Mercury	0.284	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37470	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37684	68111	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37738	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
37756	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
37907	68111	Mercury	0.274	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37934	68111	Mercury	0.149	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38007	68111	Mercury	0.0855	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
38054	68111	Mercury	0.0185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	3E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	3E-05
38066	68111	Mercury	0.146	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38087	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
38202	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
38210	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
38253	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
38261	68111	Mercury	0.0616	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
38269	68111	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
38300	68111	Mercury	0.197	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38363	68111	Mercury	0.0775	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
38383	68111	Mercury	0.037	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
38407	68111	Mercury	0.238	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38439	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
38446	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
38449	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
38527	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
38585	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38587	68111	Mercury	0.83	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38721	68111	Mercury	0.177	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38724	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
38759	68111	Mercury	0.0665	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
38780	68111	Mercury	0.437	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
38864	68111	Mercury	0.099	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49203	68111	Mercury	0.0769	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49313	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49314	68111	Mercury	0.257	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49319	68111	Mercury	0.455	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49341	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
49345	68111	Mercury	0.0544	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49354	68111	Mercury	0.0396	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
50024	68111	Mercury	0.0785	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50049	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
50080	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
50105	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
50107	68111	Mercury	0.071	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50120	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
50146	68111	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
50356	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
50404	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
50410	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
50417	68111	Mercury	0.093	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50424	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50434	68111	Mercury	0.065	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50447	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
63239	68111	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
63751	68111	Mercury	0.0514	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
68070	68111	Mercury	0.0965	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
68686	68111	Mercury	0.0682	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
73862	68111	Mercury	0.0454	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
74664	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
75011	68111	Mercury	0.22	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
77146	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
79703	68111	Mercury	0.157	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
79704	68111	Mercury	0.252	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
87761	68111	Mercury	0.1055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89893	68111	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90107	68111	Mercury	0.0687	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
91234	68111	Mercury	0.254	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
91335	68111	Mercury	0.0519	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
91926	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
39755	68112	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
39951	68112	Mercury	0.0735	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
40194	68112	Mercury	0.153	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
40523	68112	Mercury	0.264	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40879	68112	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
2165	68131	Mercury	0.459	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
22856	68131	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23003	68131	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23016	68131	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23028	68131	Mercury	0.045	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
23072	68131	Mercury	0.183	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23093	68131	Mercury	0.174	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23144	68131	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23145	68131	Mercury	0.244	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23150	68131	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23153	68131	Mercury	0.967	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
23211	68131	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
23237	68131	Mercury	0.346	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23274	68131	Mercury	0.182	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23280	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23301	68131	Mercury	0.0614	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
23338	68131	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
23344	68131	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23379	68131	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
23399	68131	Mercury	0.342	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23425	68131	Mercury	0.083	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
23433	68131	Mercury	0.105	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23442	68131	Mercury	0.271	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23460	68131	Mercury	0.0602	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
23502	68131	Mercury	0.191	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23512	68131	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
23532	68131	Mercury	0.0632	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
23537	68131	Mercury	3.89	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
23539	68131	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
23577	68131	Mercury	0.56	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23580	68131	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23584	68131	Mercury	0.472	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23586	68131	Mercury	0.0721	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
23611	68131	Mercury	0.719	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23634	68131	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
23673	68131	Mercury	0.0644	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
23675	68131	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23700	68131	Mercury	0.203	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23742	68131	Mercury	0.193	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23786	68131	Mercury	0.297	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23788	68131	Mercury	0.102	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23790	68131	Mercury	0.24	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23817	68131	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23822	68131	Mercury	6.47	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23824	68131	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
23845	68131	Mercury	0.19	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23872	68131	Mercury	0.282	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23895	68131	Mercury	0.1205	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23899	68131	Mercury	0.0689	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
23922	68131	Mercury	0.04875	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
23930	68131	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23961	68131	Mercury	0.222	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23967	68131	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23968	68131	Mercury	0.191	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23985	68131	Mercury	0.077	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
23986	68131	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
24000	68131	Mercury	0.532	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24010	68131	Mercury	0.379	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24019	68131	Mercury	0.256	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24027	68131	Mercury	0.31	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24098	68131	Mercury	0.288	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24109	68131	Mercury	0.411	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24119	68131	Mercury	0.237	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24126	68131	Mercury	0.159	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
24132	68131	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24141	68131	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
24156	68131	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
24162	68131	Mercury	0.0495	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
24182	68131	Mercury	0.192	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24190	68131	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24214	68131	Mercury	0.232	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24240	68131	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
24272	68131	Mercury	0.089	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
24274	68131	Mercury	0.233	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24277	68131	Mercury	0.748	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24334	68131	Mercury	0.0537	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
24348	68131	Mercury	0.138	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24357	68131	Mercury	0.09	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
24358	68131	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24367	68131	Mercury	0.229	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24370	68131	Mercury	0.286	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24374	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24376	68131	Mercury	0.192	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24390	68131	Mercury	0.07	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
24396	68131	Mercury	0.108	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24411	68131	Mercury	0.132	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24451	68131	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
24457	68131	Mercury	0.231	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24577	68131	Mercury	1.5	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24601	68131	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24605	68131	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
24635	68131	Mercury	0.529	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24640	68131	Mercury	0.25	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24655	68131	Mercury	0.284	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24674	68131	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
24692	68131	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
24693	68131	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24703	68131	Mercury	0.168	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24740	68131	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
24751	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24757	68131	Mercury	0.162	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24768	68131	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24776	68131	Mercury	0.0615	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
24794	68131	Mercury	0.175	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24800	68131	Mercury	0.02385	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-04	4E-05
24808	68131	Mercury	0.389	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24887	68131	Mercury	0.494	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24896	68131	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
24931	68131	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
24958	68131	Mercury	0.267	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24962	68131	Mercury	0.0935	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
24964	68131	Mercury	0.119	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25005	68131	Mercury	0.0673	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25009	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25061	68131	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
25063	68131	Mercury	0.226	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25078	68131	Mercury	0.06	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
25096	68131	Mercury	0.137	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25130	68131	Mercury	0.38	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25133	68131	Mercury	0.15	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25137	68131	Mercury	0.135	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25167	68131	Mercury	0.0645	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25185	68131	Mercury	0.16	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25189	68131	Mercury	0.259	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25193	68131	Mercury	0.267	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25202	68131	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
25204	68131	Mercury	0.475	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25231	68131	Mercury	0.952	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
25242	68131	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25281	68131	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25285	68131	Mercury	4.44	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
25296	68131	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25315	68131	Mercury	0.0585	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
25324	68131	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
25329	68131	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25331	68131	Mercury	0.216	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25335	68131	Mercury	0.223	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25337	68131	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25385	68131	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25391	68131	Mercury	0.516	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25410	68131	Mercury	0.424	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25425	68131	Mercury	0.209	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25456	68131	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25547	68131	Mercury	0.0845	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
25554	68131	Mercury	70.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	1E-01
25558	68131	Mercury	0.098	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
25579	68131	Mercury	0.0605	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
25604	68131	Mercury	0.058	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
25607	68131	Mercury	2.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
25634	68131	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25657	68131	Mercury	0.236	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50446	68131	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89514	68131	Mercury	0.174	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93114	68131	Mercury	0.658	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93413	68131	Mercury	0.0838	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
93419	68131	Mercury	0.172	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49490	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49500	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49505	68132	Mercury	0.879	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49521	68132	Mercury	0.186	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49544	68132	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49558	68132	Mercury	0.0486	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49578	68132	Mercury	0.225	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49618	68132	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
49625	68132	Mercury	0.0855	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49627	68132	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49628	68132	Mercury	0.198	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49642	68132	Mercury	1.85	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
49663	68132	Mercury	0.145	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49671	68132	Mercury	5.98	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49672	68132	Mercury	0.005	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-05	8E-06	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-05	8E-06
49676	68132	Mercury	0.115	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49678	68132	Mercury	0.056	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49682	68132	Mercury	0.0973	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49697	68132	Mercury	0.094	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49701	68132	Mercury	6.37	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49704	68132	Mercury	0.226	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49716	68132	Mercury	0.299	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49717	68132	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49724	68132	Mercury	0.0755	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49725	68132	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49726	68132	Mercury	0.284	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49727	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49736	68132	Mercury	0.151	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49739	68132	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49759	68132	Mercury	0.638	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49760	68132	Mercury	0.473	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49774	68132	Mercury	0.092	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49781	68132	Mercury	0.116	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49783	68132	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49793	68132	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
49800	68132	Mercury	0.051	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
49806	68132	Mercury	0.224	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49812	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49819	68132	Mercury	0.0535	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49833	68132	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49846	68132	Mercury	0.0725	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49852	68132	Mercury	0.403	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49853	68132	Mercury	0.386	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49855	68132	Mercury	1.08	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49863	68132	Mercury	0.091	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49884	68132	Mercury	0.169	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49892	68132	Mercury	0.061	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
49902	68132	Mercury	0.062	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
49907	68132	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
49911	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49913	68132	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49918	68132	Mercury	0.0689	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49922	68132	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49929	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49931	68132	Mercury	0.24	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49936	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49941	68132	Mercury	0.0803	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49943	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
49953	68132	Mercury	0.732	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49956	68132	Mercury	0.0775	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
49958	68132	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49961	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
49971	68132	Mercury	0.166	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49974	68132	Mercury	0.449	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49986	68132	Mercury	0.453	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49994	68132	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49995	68132	Mercury	0.317	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50479	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
50484	68132	Mercury	0.0903	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50485	68132	Mercury	0.0467	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
50536	68132	Mercury	0.244	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51190	68132	Mercury	0.56	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51214	68132	Mercury	0.43	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51217	68132	Mercury	0.332	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51225	68132	Mercury	0.839	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51228	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51234	68132	Mercury	0.0638	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51256	68132	Mercury	0.159	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51263	68132	Mercury	0.239	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51270	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51278	68132	Mercury	0.072	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51280	68132	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51327	68132	Mercury	0.339	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51349	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51361	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
51369	68132	Mercury	0.199	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51381	68132	Mercury	0.696	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51391	68132	Mercury	0.052	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
51392	68132	Mercury	0.424	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51394	68132	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
51401	68132	Mercury	0.409	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51412	68132	Mercury	0.142	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51437	68132	Mercury	0.757	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51440	68132	Mercury	0.149	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51457	68132	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51483	68132	Mercury	0.185	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51492	68132	Mercury	0.157	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51504	68132	Mercury	0.12	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51512	68132	Mercury	1.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51519	68132	Mercury	0.054	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
51525	68132	Mercury	3.17	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
51544	68132	Mercury	0.201	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51546	68132	Mercury	0.457	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51551	68132	Mercury	7.75	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51569	68132	Mercury	0.427	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51587	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
51588	68132	Mercury	0.225	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51598	68132	Mercury	1.22	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51600	68132	Mercury	0.979	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
51607	68132	Mercury	1.88	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
51630	68132	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51640	68132	Mercury	0.0505	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
51645	68132	Mercury	0.155	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51646	68132	Mercury	0.255	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51659	68132	Mercury	0.0715	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51667	68132	Mercury	0.069	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51671	68132	Mercury	0.0575	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
51676	68132	Mercury	0.228	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51705	68132	Mercury	0.339	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51706	68132	Mercury	0.199	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51708	68132	Mercury	0.0724	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51710	68132	Mercury	0.1	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
51712	68132	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
51735	68132	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51750	68132	Mercury	0.079	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
51752	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51767	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51769	68132	Mercury	0.057	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
51779	68132	Mercury	0.473	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51780	68132	Mercury	0.157	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51785	68132	Mercury	0.65	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51790	68132	Mercury	0.139	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51800	68132	Mercury	0.129	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51803	68132	Mercury	0.141	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51805	68132	Mercury	0.22	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51807	68132	Mercury	0.206	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51808	68132	Mercury	0.109	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51820	68132	Mercury	0.152	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51829	68132	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51840	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51844	68132	Mercury	0.128	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51846	68132	Mercury	0.914	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51847	68132	Mercury	0.434	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51854	68132	Mercury	0.114	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51855	68132	Mercury	0.123	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51857	68132	Mercury	0.147	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51861	68132	Mercury	0.11	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51863	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51866	68132	Mercury	0.154	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51872	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51897	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51918	68132	Mercury	0.13	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51921	68132	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51938	68132	Mercury	0.111	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51946	68132	Mercury	0.262	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51949	68132	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51959	68132	Mercury	1.23	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51960	68132	Mercury	0.097	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
51972	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
51990	68132	Mercury	0.124	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51997	68132	Mercury	0.508	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
52023	68132	Mercury	0.127	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52035	68132	Mercury	0.173	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52046	68132	Mercury	0.0884	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52054	68132	Mercury	0.0507	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
52059	68132	Mercury	0.076	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52075	68132	Mercury	0.064	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52078	68132	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
52080	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05

TABLE 7.1.CT
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
52085	68132	Mercury	0.136	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52090	68132	Mercury	0.292	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52091	68132	Mercury	0.36	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52097	68132	Mercury	0.0555	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
52101	68132	Mercury	0.121	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52106	68132	Mercury	0.156	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52112	68132	Mercury	0.217	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52119	68132	Mercury	0.0737	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52122	68132	Mercury	0.0619	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
52128	68132	Mercury	0.242	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52129	68132	Mercury	0.0859	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52137	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
52140	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
52141	68132	Mercury	0.69	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52150	68132	Mercury	0.319	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52155	68132	Mercury	0.404	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52158	68132	Mercury	0.383	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52166	68132	Mercury	4.72	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
52167	68132	Mercury	0.053	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
52177	68132	Mercury	2.77	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
52178	68132	Mercury	0.597	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
52181	68132	Mercury	3.52	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
52186	68132	Mercury	1.42	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
52187	68132	Mercury	1.59	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
52190	68132	Mercury	0.0565	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
52192	68132	Mercury	0.14	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52198	68132	Mercury	0.0563	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
52202	68132	Mercury	0.378	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52206	68132	Mercury	0.368	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52214	68132	Mercury	0.306	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52226	68132	Mercury	0.398	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52228	68132	Mercury	0.179	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52243	68132	Mercury	0.0586	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	9E-05
52244	68132	Mercury	0.0848	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52246	68132	Mercury	0.055	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
52327	68132	Mercury	0.0817	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52336	68132	Mercury	0.657	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52356	68132	Mercury	0.0729	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52357	68132	Mercury	0.0938	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
52367	68132	Mercury	0.0595	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
52378	68132	Mercury	0.131	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52386	68132	Mercury	0.104	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52387	68132	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52411	68132	Mercury	0.113	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
63007	68132	Mercury	0.126	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
66781	68132	Mercury	0.222	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
66791	68132	Mercury	0.125	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92431	68132	Mercury	0.329	3.00E-04	--	2.10E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22493	68102	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25567	68102	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25717	68102	Thallium	4.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
25720	68102	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25914	68102	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
90101	68102	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2133	68104	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5026	68104	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5143	68104	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5144	68104	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5145	68104	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5147	68104	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50647	68104	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
1626	68105	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2229	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2299	68105	Thallium	0.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2300	68105	Thallium	0.535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2308	68105	Thallium	0.56	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2441	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2448	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2465	68105	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3076	68105	Thallium	0.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3118	68105	Thallium	0.58	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5054	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5057	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5105	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5109	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5110	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5112	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5117	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5123	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5128	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5129	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5132	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5134	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5325	68105	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5338	68105	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
5347	68105	Thallium	1.68	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5351	68105	Thallium	0.3845	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5352	68105	Thallium	0.735	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5355	68105	Thallium	0.795	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5356	68105	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5357	68105	Thallium	1.11	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5359	68105	Thallium	0.956	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5361	68105	Thallium	0.725	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5363	68105	Thallium	0.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5364	68105	Thallium	1.16	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5365	68105	Thallium	0.3525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5367	68105	Thallium	0.322	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5486	68105	Thallium	0.387	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5488	68105	Thallium	0.74	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5489	68105	Thallium	0.755	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5495	68105	Thallium	0.725	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5509	68105	Thallium	0.785	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5610	68105	Thallium	0.805	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
12784	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12864	68105	Thallium	1.535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12875	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12886	68105	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12964	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12995	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13069	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13073	68105	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13092	68105	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13166	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13185	68105	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13187	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13191	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13204	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13209	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13237	68105	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13240	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13245	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13248	68105	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13273	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13283	68105	Thallium	1.26	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
13322	68105	Thallium	3.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
13336	68105	Thallium	1.575	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13370	68105	Thallium	1.645	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13381	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13389	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13403	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13437	68105	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13438	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13460	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13476	68105	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13573	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13577	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13611	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13656	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13690	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13731	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13735	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13741	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13745	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13779	68105	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13790	68105	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13791	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13793	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13851	68105	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13863	68105	Thallium	25.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**2E+00**	2E-01
13869	68105	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13871	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13880	68105	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13918	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13919	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13935	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13984	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14003	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14024	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14050	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14063	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14080	68105	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14098	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14199	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14238	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14322	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14326	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14341	68105	Thallium	1.625	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14407	68105	Thallium	1.765	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14410	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14460	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14492	68105	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
14525	68105	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14528	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14536	68105	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14544	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14556	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14557	68105	Thallium	1.255	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
14577	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14602	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14647	68105	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14656	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14688	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14718	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14739	68105	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
14752	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14780	68105	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14817	68105	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14823	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14860	68105	Thallium	22	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**2E+00**	2E-01
14885	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14913	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14959	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14964	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14976	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14992	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15003	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15044	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15045	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15058	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15060	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15091	68105	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15106	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15166	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15227	68105	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15231	68105	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15255	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15278	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
15279	68105	Thallium	1.555	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15292	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15299	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15308	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15317	68105	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15329	68105	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15336	68105	Thallium	1.22	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
15348	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15363	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15372	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15416	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15496	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15519	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15526	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15577	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15587	68105	Thallium	6.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
15611	68105	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
15651	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15686	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15695	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15728	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
15801	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15835	68105	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15842	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15871	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15891	68105	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
15918	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15959	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15985	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
15988	68105	Thallium	1.59	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16027	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16072	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16094	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16098	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16123	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16155	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16169	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16182	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16186	68105	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16230	68105	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16236	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16243	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16271	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16308	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16309	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16321	68105	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16333	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16364	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
16365	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16384	68105	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16395	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16420	68105	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16472	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16473	68105	Thallium	4.01	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
16478	68105	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16486	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16499	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16545	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16572	68105	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
16589	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16618	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16646	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16668	68105	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
16749	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16772	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16777	68105	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
16793	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16851	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16866	68105	Thallium	12	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-01	9E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-01	9E-02
16869	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16889	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16893	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16922	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16928	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16946	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16963	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16974	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17040	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17055	68105	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17065	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17076	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17097	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17108	68105	Thallium	4.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
17142	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17179	68105	Thallium	1.67	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17198	68105	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
17199	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17270	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17298	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17300	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17348	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17374	68105	Thallium	6.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
17379	68105	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17542	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17557	68105	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17719	68105	Thallium	1.695	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17725	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17745	68105	Thallium	5.71	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17753	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17802	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17803	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
17827	68105	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17876	68105	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17899	68105	Thallium	1.23	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
17918	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17934	68105	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17935	68105	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
18036	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18133	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18147	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18177	68105	Thallium	1.22	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
18187	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18189	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18281	68105	Thallium	3.92	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
18321	68105	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18349	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18452	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18453	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18469	68105	Thallium	4.07	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
18499	68105	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18561	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18573	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18598	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18610	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18654	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18661	68105	Thallium	1.26	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
18673	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18676	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18693	68105	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18757	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18787	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18797	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18825	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18839	68105	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
18871	68105	Thallium	1.255	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
18882	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18898	68105	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
18927	68105	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
18934	68105	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19015	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19028	68105	Thallium	1.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19127	68105	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19129	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19169	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19288	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
19310	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19334	68105	Thallium	1.245	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
19344	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19448	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19485	68105	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19489	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
19496	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19561	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19602	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19612	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19655	68105	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
19671	68105	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19676	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19728	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19729	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19768	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19787	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19791	68105	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19812	68105	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19831	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19839	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19858	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19864	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19915	68105	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19923	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19932	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19938	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19972	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19976	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19987	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20069	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20080	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20105	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20110	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20128	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20170	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20218	68105	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20236	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20313	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20315	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20342	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20420	68105	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20426	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
20452	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20470	68105	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20471	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20477	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20506	68105	Thallium	16.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	1E-01
20510	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20535	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20545	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20557	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
20584	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20590	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20603	68105	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20610	68105	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20612	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20656	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20674	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20685	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20702	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20759	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20777	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20823	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20845	68105	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20856	68105	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20883	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20908	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20925	68105	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20945	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20961	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20964	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21005	68105	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21012	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
21019	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21053	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21064	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21068	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21079	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21097	68105	Thallium	1.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21110	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21136	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21143	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21148	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21150	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21265	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21268	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21283	68105	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21309	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21336	68105	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21355	68105	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21390	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21394	68105	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21436	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21454	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21490	68105	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21498	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21513	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21535	68105	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21551	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21560	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21565	68105	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21578	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21609	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21614	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21625	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21653	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
21677	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21689	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
21705	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21714	68105	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21720	68105	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21724	68105	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
21730	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
21744	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
21811	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21815	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21822	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
21836	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21881	68105	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21884	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21901	68105	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21916	68105	Thallium	1.565	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
21925	68105	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21941	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
21956	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21981	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
21985	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21989	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22006	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22013	68105	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

									HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL				NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
22024	68105	Thallium	1.425	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22025	68105	Thallium	5.8	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
22027	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22034	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
22036	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22039	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22044	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22046	68105	Thallium	1.435	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22056	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22061	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22074	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22079	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22080	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22177	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22181	68105	Thallium	1.38	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22183	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
22230	68105	Thallium	12.6	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-01	9E-02
22273	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22295	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22320	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
22344	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22358	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22386	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22399	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22405	68105	Thallium	1.38	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22453	68105	Thallium	1.295	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
22563	68105	Thallium	1.51	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22574	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22636	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22715	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
22716	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
22754	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
22772	68105	Thallium	1.64	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22832	68105	Thallium	1.33	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49272	68105	Thallium	1.29	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49289	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50528	68105	Thallium	1.32	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
50574	68105	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
90427	68105	Thallium	6.05	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93120	68105	Thallium	5.2	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93354	68105	Thallium	5.2	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93358	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93364	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93381	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51011	68106	Thallium	5.25	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51029	68106	Thallium	1.295	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51034	68106	Thallium	1.51	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51037	68106	Thallium	1.445	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51041	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51046	68106	Thallium	1.46	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51047	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51052	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51058	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51064	68106	Thallium	4.95	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51065	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51079	68106	Thallium	1.415	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51080	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51082	68106	Thallium	4.95	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51089	68106	Thallium	5.9	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51093	68106	Thallium	1.445	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51101	68106	Thallium	1.495	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51102	68106	Thallium	1.425	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51113	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51116	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51118	68106	Thallium	4.65	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
51120	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51123	68106	Thallium	1.42	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51126	68106	Thallium	5.25	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51127	68106	Thallium	1.465	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51132	68106	Thallium	1.495	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51133	68106	Thallium	1.29	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51143	68106	Thallium	1.495	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51155	68106	Thallium	1.46	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51158	68106	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51160	68106	Thallium	1.45	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51162	68106	Thallium	1.525	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51184	68106	Thallium	1.365	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
2030	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2038	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2056	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
2104	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2124	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2167	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2206	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2220	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
2252	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2273	68107	Thallium	5	6.48E-05	--	6.48E-05	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL	CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2292	68107	Thallium	0.565	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2496	68107	Thallium	1.385	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2499	68107	Thallium	1.465	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3003	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
3021	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
3074	68107	Thallium	0.595	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3121	68107	Thallium	0.53	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5066	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5076	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5130	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5157	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5159	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5161	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5163	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5165	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5166	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5172	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5176	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5178	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5180	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5182	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5183	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5185	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5211	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5212	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10008	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10018	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10044	68107	Thallium	1.41	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10046	68107	Thallium	6	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
10072	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10073	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10088	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10095	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10111	68107	Thallium	1.5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10130	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10134	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10214	68107	Thallium	1.355	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10241	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10290	68107	Thallium	1.465	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10295	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10299	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10310	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10328	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10329	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10387	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10401	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10403	68107	Thallium	1.465	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10425	68107	Thallium	1.475	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10432	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10455	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10458	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10468	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10471	68107	Thallium	3.21	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
10484	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10492	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10500	68107	Thallium	1.34	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10508	68107	Thallium	1.295	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10513	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10538	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10543	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10548	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10578	68107	Thallium	1.43	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10582	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10622	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10633	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10650	68107	Thallium	1.45	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10654	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10662	68107	Thallium	1.27	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
10670	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10687	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10707	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10720	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10735	68107	Thallium	5.2	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
10738	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10794	68107	Thallium	1.47	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10814	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10822	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10831	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10834	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10842	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10848	68107	Thallium	1.31	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10858	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10860	68107	Thallium	1.45	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10870	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10876	68107	Thallium	5.4	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
10877	68107	Thallium	1.51	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10880	68107	Thallium	5.15	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10895	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10909	68107	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10914	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10920	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
10925	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10931	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
10938	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10944	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
10947	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10950	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10965	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10970	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10990	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
10991	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11036	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11069	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11070	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11082	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11094	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11107	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11118	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11142	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11155	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11172	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11179	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11191	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11194	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11203	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11208	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11222	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11230	68107	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11232	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11233	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11246	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11258	68107	Thallium	1.565	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11268	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11272	68107	Thallium	1.255	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
11283	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11303	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11309	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11312	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11321	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11343	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11349	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11367	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11372	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11385	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11387	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11400	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11403	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11408	68107	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11410	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11416	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11423	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11439	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11444	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11449	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11465	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11469	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11491	68107	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11494	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11523	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11552	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11558	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11568	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11599	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11601	68107	Thallium	5.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11603	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11604	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11609	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11614	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11661	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11686	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11711	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11741	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11754	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11765	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11777	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11807	68107	Thallium	1.17	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
11829	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11842	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11865	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11894	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
11902	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
11910	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
11941	68107	Thallium	1.61	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
11960	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL	CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11982	68107	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
12002	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12009	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12012	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12037	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12047	68107	Thallium	5.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
12086	68107	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12114	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12116	68107	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12118	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12124	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12126	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12152	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12166	68107	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12194	68107	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12206	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12220	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12227	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12239	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12290	68107	Thallium	1.255	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
12296	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12338	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
12344	68107	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12351	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12372	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12388	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12407	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12410	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12414	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12424	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
12439	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12449	68107	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12457	68107	Thallium	6.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
12506	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12514	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12529	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12530	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12547	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12551	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12567	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
12572	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12588	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12590	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12605	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12644	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12667	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12714	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12729	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12741	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12755	68107	Thallium	1.24	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
12761	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12794	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12830	68107	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
12848	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12858	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
12871	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13038	68107	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13045	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43676	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43691	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43698	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43703	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43711	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43729	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
43736	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43744	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43746	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43771	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43790	68107	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43793	68107	Thallium	6.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
43800	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43813	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43843	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
43853	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
43869	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
43874	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
43892	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43912	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43933	68107	Thallium	1.605	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
43942	68107	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
43945	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
43949	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
43962	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
43978	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44002	68107	Thallium	1.23	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
44025	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44037	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44047	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44063	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44066	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44076	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44104	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44107	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44112	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44127	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44130	68107	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44133	68107	Thallium	6.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
44137	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44145	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44153	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44157	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44177	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44184	68107	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44185	68107	Thallium	1.205	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
44198	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44202	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44220	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44225	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44233	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44236	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44237	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44248	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44299	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44319	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44348	68107	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44416	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44446	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44452	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44455	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44456	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44465	68107	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44475	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44482	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44483	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44490	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44503	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44507	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44508	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44519	68107	Thallium	4.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
44526	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44528	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44529	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44531	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44536	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44539	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44546	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44549	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44556	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44567	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44578	68107	Thallium	3.81	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
44581	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44589	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44590	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44592	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44597	68107	Thallium	5.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44617	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44619	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44623	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44626	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44636	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44640	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44644	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44668	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44700	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44711	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44725	68107	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44727	68107	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44738	68107	Thallium	1.535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44740	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44741	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44747	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44753	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44755	68107	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44756	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44768	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44790	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44798	68107	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44810	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44814	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44822	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
44854	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44857	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44869	68107	Thallium	3.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	3E-02
44877	68107	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL	CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44902	68107	Thallium	1.445	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44923	68107	Thallium	5.1	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44927	68107	Thallium	1.4	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44935	68107	Thallium	1.405	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44939	68107	Thallium	1.335	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44943	68107	Thallium	1.365	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44955	68107	Thallium	1.375	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44959	68107	Thallium	1.485	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44969	68107	Thallium	1.66	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44979	68107	Thallium	1.435	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
44980	68107	Thallium	1.305	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44984	68107	Thallium	5.45	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
44987	68107	Thallium	1.305	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44996	68107	Thallium	1.42	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45004	68107	Thallium	1.425	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45005	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45018	68107	Thallium	1.335	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45020	68107	Thallium	5.55	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45023	68107	Thallium	1.53	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45034	68107	Thallium	4.89	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45044	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45056	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45072	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45073	68107	Thallium	1.395	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45077	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45078	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45084	68107	Thallium	1.355	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45118	68107	Thallium	1.405	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45147	68107	Thallium	1.47	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45150	68107	Thallium	5.2	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45156	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45166	68107	Thallium	1.385	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45167	68107	Thallium	1.535	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45183	68107	Thallium	4.8	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45188	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45195	68107	Thallium	1.33	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45199	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45206	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45213	68107	Thallium	1.36	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45223	68107	Thallium	1.385	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45227	68107	Thallium	1.365	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45236	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45244	68107	Thallium	1.375	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45259	68107	Thallium	1.37	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45265	68107	Thallium	1.325	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45269	68107	Thallium	1.54	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45298	68107	Thallium	1.565	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45300	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45303	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45304	68107	Thallium	5.45	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45305	68107	Thallium	1.335	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45321	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45343	68107	Thallium	1.335	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45350	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45356	68107	Thallium	1.305	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45364	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45370	68107	Thallium	1.465	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45390	68107	Thallium	1.305	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45393	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45404	68107	Thallium	5.3	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45411	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45423	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45424	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45447	68107	Thallium	1.35	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45458	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45460	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45475	68107	Thallium	1.485	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45484	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45487	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45494	68107	Thallium	1.44	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45495	68107	Thallium	1.46	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45503	68107	Thallium	1.315	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45530	68107	Thallium	1.285	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45533	68107	Thallium	5.55	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45564	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45566	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45574	68107	Thallium	1.305	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45584	68107	Thallium	1.435	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45608	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45609	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45624	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45626	68107	Thallium	1.335	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45645	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45646	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45648	68107	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45662	68107	Thallium	1.47	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45663	68107	Thallium	1.435	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45678	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45698	68107	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45724	68107	Thallium	1.58	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45725	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45728	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45739	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45741	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45747	68107	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45764	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45767	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45770	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45786	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45787	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45789	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45811	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45822	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
45837	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45840	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45849	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45854	68107	Thallium	1.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45883	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45906	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
45921	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45923	68107	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45927	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45955	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45970	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45984	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
45988	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
45999	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46035	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46049	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46050	68107	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46052	68107	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46071	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46073	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46091	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46103	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46107	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46118	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46122	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46127	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46133	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46145	68107	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46150	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46164	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46168	68107	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46180	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46187	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46210	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46214	68107	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46241	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46247	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46260	68107	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46279	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46297	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46346	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46347	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46363	68107	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46368	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46380	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46399	68107	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46423	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46432	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46448	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46461	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46469	68107	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46472	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46473	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46474	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46478	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46490	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46493	68107	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46494	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46498	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46505	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46509	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46527	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46566	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46579	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46583	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46610	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46626	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46628	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46637	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46655	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46662	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46664	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46672	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
46673	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46683	68107	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46698	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46699	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46708	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46712	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46725	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46727	68107	Thallium	4.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
46731	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46743	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46763	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46764	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46772	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46776	68107	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
46792	68107	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
46794	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
46805	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46808	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46815	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46835	68107	Thallium	1.195	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
46852	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46857	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46864	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46867	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46893	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46916	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46919	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46934	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46954	68107	Thallium	1.235	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
46964	68107	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
46976	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
46994	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
46998	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47021	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47030	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47038	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47046	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47047	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47052	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47058	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47088	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47090	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47106	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47139	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47140	68107	Thallium	21.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**2E+00**	2E-01
47147	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47148	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47149	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47163	68107	Thallium	4.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
47172	68107	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47179	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47181	68107	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47196	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47203	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47206	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47215	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47216	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47217	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47218	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47223	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47249	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47250	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47259	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47274	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47275	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47279	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47291	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47293	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47296	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47311	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47312	68107	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47315	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47320	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47322	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47338	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47339	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47356	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47368	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47380	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47382	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47385	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47390	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47417	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47421	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47424	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47425	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47440	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47452	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47475	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47485	68107	Thallium	21.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	2E-01
47511	68107	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47514	68107	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47518	68107	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47526	68107	Thallium	1.19	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
47544	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47553	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47565	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47566	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47604	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47610	68107	Thallium	1.645	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47617	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47621	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47627	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47649	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47656	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47670	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47681	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47706	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47708	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47761	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47768	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47783	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47795	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47797	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47811	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47813	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47816	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47820	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47838	68107	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47841	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47860	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47867	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47886	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47895	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47924	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
47930	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47934	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
47939	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47952	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
47966	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
47969	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48003	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48006	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48014	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48016	68107	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48018	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48036	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48043	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48048	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48056	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48092	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48116	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48118	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48120	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48135	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48141	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48150	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48167	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48232	68107	Thallium	1.565	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48245	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48261	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48271	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48292	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48308	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48327	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48334	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48341	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48359	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48367	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48368	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48380	68107	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48416	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48418	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48434	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48494	68107	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48495	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48508	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48510	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48525	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48547	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48553	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48578	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
48583	68107	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48589	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48593	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48596	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48620	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48636	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48639	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48641	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
48654	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48661	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48668	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48674	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48685	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48694	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48708	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48715	68107	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48721	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48733	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
48736	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48747	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48768	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48798	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48815	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48821	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48836	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48846	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48855	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48871	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
48886	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48900	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48904	68107	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48944	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48952	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48963	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48973	68107	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
48975	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48977	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
48999	68107	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49012	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49036	68107	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49070	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49081	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49082	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49085	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49098	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49117	68107	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49126	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49167	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49208	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49239	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49249	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49371	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
49383	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49395	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49404	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49435	68107	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49439	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49441	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49444	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
50137	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50139	68107	Thallium	10	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-01	7E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-01	7E-02
50140	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50141	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50144	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50158	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50185	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50191	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50192	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50193	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50214	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50243	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50244	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50246	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50249	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50276	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50284	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50286	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50292	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50293	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50294	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50299	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50300	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50313	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50325	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50326	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50335	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50359	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50360	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50361	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50362	68107	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50537	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
76891	68107	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
89377	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
89408	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2170	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2518	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2521	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2522	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
2527	68108	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
2532	68108	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
5225	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5227	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5229	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5284	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5300	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5304	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5306	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5332	68108	Thallium	0.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5387	68108	Thallium	0.615	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5390	68108	Thallium	1.21	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
5394	68108	Thallium	1.74	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5395	68108	Thallium	0.69	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5398	68108	Thallium	1.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5403	68108	Thallium	1.66	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5407	68108	Thallium	0.755	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5408	68108	Thallium	1.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5409	68108	Thallium	0.331	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5416	68108	Thallium	0.4865	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5418	68108	Thallium	0.715	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5422	68108	Thallium	0.635	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
5425	68108	Thallium	0.725	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5426	68108	Thallium	0.69	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5427	68108	Thallium	0.68	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5429	68108	Thallium	2.02	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5431	68108	Thallium	0.69	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5432	68108	Thallium	0.82	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5449	68108	Thallium	0.785	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5450	68108	Thallium	2.24	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5454	68108	Thallium	0.705	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5460	68108	Thallium	0.82	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
5463	68108	Thallium	0.916	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
5467	68108	Thallium	0.755	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5472	68108	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5473	68108	Thallium	1.89	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5474	68108	Thallium	1.92	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5480	68108	Thallium	0.67	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5483	68108	Thallium	0.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5485	68108	Thallium	0.384	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5492	68108	Thallium	0.77	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5505	68108	Thallium	0.71	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5572	68108	Thallium	0.447	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5607	68108	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5608	68108	Thallium	2.77	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5623	68108	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5628	68108	Thallium	0.319	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5630	68108	Thallium	0.3535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5636	68108	Thallium	1.56	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5637	68108	Thallium	0.368	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5652	68108	Thallium	0.904	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
12816	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12859	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12926	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
12947	68108	Thallium	3.18	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
13102	68108	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13164	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13184	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13189	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13239	68108	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13267	68108	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13436	68108	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13485	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13529	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13530	68108	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
13536	68108	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13575	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13645	68108	Thallium	5.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
13661	68108	Thallium	1.625	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13674	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13675	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13760	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13773	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
13795	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
13941	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14043	68108	Thallium	1.245	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
14076	68108	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14079	68108	Thallium	1.265	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
14130	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14140	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14203	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14270	68108	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14279	68108	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14290	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14438	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14449	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14481	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14486	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14497	68108	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
14537	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14545	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14576	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14578	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14617	68108	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14660	68108	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14692	68108	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14720	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14818	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14825	68108	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
14849	68108	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
14855	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14878	68108	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
14914	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
14998	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15001	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15051	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15053	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15116	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15135	68108	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15248	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15256	68108	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15266	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15337	68108	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15443	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15468	68108	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
15601	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15603	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15687	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15748	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15768	68108	Thallium	1.565	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15915	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15939	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
15955	68108	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15966	68108	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
15980	68108	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16006	68108	Thallium	6.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
16126	68108	Thallium	1.245	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
16135	68108	Thallium	1.145	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
16137	68108	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
16145	68108	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16261	68108	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16267	68108	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
16319	68108	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16349	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16446	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16530	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16556	68108	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16581	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16595	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16599	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16711	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
16813	68108	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
16973	68108	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17004	68108	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17005	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17022	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17242	68108	Thallium	4.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
17247	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17282	68108	Thallium	6.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
17316	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17323	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17335	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17360	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17414	68108	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17416	68108	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17417	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17418	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17461	68108	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17498	68108	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
17550	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17671	68108	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
17699	68108	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
17700	68108	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17701	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17703	68108	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17732	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17778	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17840	68108	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
17849	68108	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17861	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17864	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17865	68108	Thallium	1.265	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
17908	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17945	68108	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
17963	68108	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
17968	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
17985	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18129	68108	Thallium	1.145	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
18148	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18179	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18198	68108	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
18218	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18222	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18249	68108	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18328	68108	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18330	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18339	68108	Thallium	1.265	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
18385	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18422	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18435	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18461	68108	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18486	68108	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
18532	68108	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18547	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18597	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18634	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18664	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18687	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18691	68108	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18697	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
18712	68108	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
18718	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18749	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18800	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18802	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18833	68108	Thallium	1.69	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18890	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18903	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
18943	68108	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
18968	68108	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
18988	68108	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19030	68108	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
19116	68108	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19126	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19153	68108	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19190	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
19343	68108	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
19371	68108	Thallium	1.56	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19373	68108	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19417	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
19440	68108	Thallium	1.17	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
19444	68108	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19474	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19640	68108	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19660	68108	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19680	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
19792	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19875	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
19920	68108	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
19988	68108	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20044	68108	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20137	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20149	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20168	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20169	68108	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20244	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20285	68108	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20287	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20344	68108	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20367	68108	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20464	68108	Thallium	3.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	3E-02
20467	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20567	68108	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20588	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
20608	68108	Thallium	1.245	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
20629	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20671	68108	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20746	68108	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
20752	68108	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
20831	68108	Thallium	4.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20881	68108	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
20922	68108	Thallium	4.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
21123	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21190	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21502	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21582	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21729	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
21863	68108	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
22203	68108	Thallium	1.535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
22282	68108	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
50453	68108	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50624	68108	Thallium	3.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
74047	68108	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
79306	68108	Thallium	5.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
87989	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
88004	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
88031	68108	Thallium	6.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
89842	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
90601	68108	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
92372	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
93003	68108	Thallium	6.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
93522	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
2069	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2280	68110	Thallium	0.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2354	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2355	68110	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2539	68110	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
3136	68110	Thallium	0.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5258	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5388	68110	Thallium	1.11	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5520	68110	Thallium	2.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5525	68110	Thallium	2.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5527	68110	Thallium	2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5530	68110	Thallium	1.12	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
5532	68110	Thallium	0.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5536	68110	Thallium	1.69	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5541	68110	Thallium	1.68	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5544	68110	Thallium	1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
5546	68110	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
5551	68110	Thallium	2.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5559	68110	Thallium	2.84	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5560	68110	Thallium	1.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5561	68110	Thallium	2.16	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	2E-02
5563	68110	Thallium	2.26	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5565	68110	Thallium	0.78	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5566	68110	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5612	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5614	68110	Thallium	0.77	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5641	68110	Thallium	1.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5650	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5651	68110	Thallium	0.974	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	7E-03
26122	68110	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26133	68110	Thallium	4.63	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
26234	68110	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
26341	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26410	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26447	68110	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
26465	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26527	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26550	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26762	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27034	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27069	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27291	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27435	68110	Thallium	5.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27589	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27592	68110	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27683	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27704	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27756	68110	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27815	68110	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27822	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27826	68110	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27840	68110	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27844	68110	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27884	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27907	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27927	68110	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27984	68110	Thallium	1.145	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
28074	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28075	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28120	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28167	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28226	68110	Thallium	5.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
28335	68110	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
28360	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28404	68110	Thallium	1.215	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28421	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28455	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28501	68110	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28550	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28591	68110	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28647	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28670	68110	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28711	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28717	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28726	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28905	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28977	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28999	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29058	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29063	68110	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29084	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29093	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29095	68110	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29117	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29135	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29207	68110	Thallium	1.605	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29238	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29257	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29271	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29283	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29290	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29332	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29360	68110	Thallium	20.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	2E-01
29361	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29393	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29421	68110	Thallium	1.535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29493	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29500	68110	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29505	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29550	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29610	68110	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29634	68110	Thallium	20.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	2E-01
29665	68110	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29753	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29774	68110	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29786	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29795	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29844	68110	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29877	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29887	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29911	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29913	68110	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29920	68110	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29921	68110	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29934	68110	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29942	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29943	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30017	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30172	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30189	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30210	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30291	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30394	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30410	68110	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30422	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30443	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30469	68110	Thallium	3.86	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
30470	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30500	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30551	68110	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30556	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30566	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30575	68110	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30633	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30651	68110	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30688	68110	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30705	68110	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
30786	68110	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30803	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30870	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30954	68110	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30980	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31097	68110	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31153	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31174	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31223	68110	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31231	68110	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31350	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31401	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31568	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31645	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31757	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31760	68110	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31814	68110	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31832	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31959	68110	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32019	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32039	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32043	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32063	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32214	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32373	68110	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32484	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32508	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32529	68110	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32536	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32570	68110	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32645	68110	Thallium	1.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32707	68110	Thallium	1.645	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32727	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32733	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32734	68110	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32875	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32903	68110	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32915	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32927	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32996	68110	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
33078	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33084	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33280	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33421	68110	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33468	68110	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
33472	68110	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33477	68110	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33483	68110	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
33512	68110	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33519	68110	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33543	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33555	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33602	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33629	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33635	68110	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33714	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33725	68110	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33840	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33927	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34002	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34047	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34116	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34237	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34260	68110	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34266	68110	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34272	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34276	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34287	68110	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34613	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34625	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34638	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34674	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34696	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34710	68110	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34733	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34738	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34742	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34821	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35022	68110	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35047	68110	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35180	68110	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35183	68110	Thallium	1.255	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
35249	68110	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35384	68110	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
35438	68110	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
35501	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35558	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35589	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35637	68110	Thallium	6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
35710	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35754	68110	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35787	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35792	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35793	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36189	68110	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37075	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37434	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
37456	68110	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37525	68110	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37674	68110	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37821	68110	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
38725	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
38863	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
39142	68110	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
39271	68110	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
39434	68110	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
39572	68110	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
55636	68110	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
74149	68110	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
79377	68110	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
81398	68110	Thallium	5.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
81400	68110	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
87991	68110	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
90908	68110	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
91449	68110	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
92501	68110	Thallium	4.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
92675	68110	Thallium	4.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
93337	68110	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
93338	68110	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93342	68110	Thallium	4.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
93344	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93345	68110	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
2035	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2075	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2103	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2109	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2118	68111	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2121	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2126	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2154	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2179	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2216	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2225	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2231	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2262	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2365	68111	Thallium	0.565	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2425	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
2565	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3046	68111	Thallium	0.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3051	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
3058	68111	Thallium	0.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3091	68111	Thallium	0.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
3133	68111	Thallium	0.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
3151	68111	Thallium	0.595	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5013	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5085	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5170	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5171	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5204	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5206	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5208	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5215	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5221	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5230	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5232	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5234	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5236	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5238	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5240	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5242	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5246	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5288	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5296	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5330	68111	Thallium	0.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5333	68111	Thallium	0.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5513	68111	Thallium	2.23	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
5514	68111	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
5618	68111	Thallium	1.56	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25647	68111	Thallium	1.175	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
25663	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25670	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25708	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25709	68111	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25750	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25780	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25786	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25794	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25804	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25805	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25834	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25849	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25869	68111	Thallium	4.84	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25874	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
25877	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25894	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25903	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25918	68111	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25921	68111	Thallium	1.26	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
25977	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)												HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25985	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26005	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26009	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26011	68111	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26030	68111	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26042	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26043	68111	Thallium	53.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E+00	4E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**4E+00**	4E-01
26045	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26053	68111	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26084	68111	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
26100	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26124	68111	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26135	68111	Thallium	1.61	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26142	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26149	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26160	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26164	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
26191	68111	Thallium	1.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26199	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26202	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26204	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26211	68111	Thallium	5.06	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26215	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26228	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26229	68111	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26231	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26249	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
26257	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26263	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26288	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26289	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26290	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26295	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26303	68111	Thallium	4.71	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
26327	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26372	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26428	68111	Thallium	12.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-01	9E-02
26456	68111	Thallium	23.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**2E+00**	2E-01
26459	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26480	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26485	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26514	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26518	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26543	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26570	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26604	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26653	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26663	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26665	68111	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26682	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26695	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26716	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26742	68111	Thallium	1.66	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26757	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26759	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26772	68111	Thallium	1.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
26779	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26783	68111	Thallium	1.585	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26834	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
26844	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26858	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26865	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26868	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26869	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
26877	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26891	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26948	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26955	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26967	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26996	68111	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
26997	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
26999	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27005	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27031	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27038	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27052	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27074	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27096	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27107	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27117	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27120	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27137	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27138	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27139	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27140	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27142	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27144	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27145	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27148	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27177	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27185	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27191	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27193	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27202	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27264	68111	Thallium	6.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
27266	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27269	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27278	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27308	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27315	68111	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27318	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27342	68111	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27347	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27366	68111	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27369	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27399	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27402	68111	Thallium	6.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
27446	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
27461	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27467	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27475	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27481	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27488	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27524	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27567	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27581	68111	Thallium	1.615	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27585	68111	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27604	68111	Thallium	1.605	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27608	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27630	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27632	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27658	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27718	68111	Thallium	1.625	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27734	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27739	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27742	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27764	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27768	68111	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27780	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27854	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27859	68111	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27885	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27886	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27913	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
27920	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
27924	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27939	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
27962	68111	Thallium	3.73	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
28004	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28011	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28019	68111	Thallium	1.555	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28020	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28022	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
28045	68111	Thallium	1.595	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28065	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28072	68111	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28105	68111	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
28108	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28144	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28148	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28154	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28157	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
28185	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
28186	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28188	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28218	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28222	68111	Thallium	1.685	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28273	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28284	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28329	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28338	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28375	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28377	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28417	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28423	68111	Thallium	6.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
28434	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28518	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28544	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28558	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28561	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28573	68111	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28611	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28612	68111	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28618	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28623	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28625	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28648	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28661	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28688	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28709	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28713	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28725	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28730	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28749	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28763	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28764	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28766	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28781	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28785	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28798	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28799	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28809	68111	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
28811	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28819	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28836	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28837	68111	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28841	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28846	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28893	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28909	68111	Thallium	1.605	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28942	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28959	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
28963	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
28967	68111	Thallium	15.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	1E-01
28984	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
28991	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29002	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29023	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29033	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29037	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29071	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29090	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29101	68111	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29102	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29105	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29155	68111	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29165	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29175	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29177	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29181	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29204	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29205	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29214	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29220	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29240	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29248	68111	Thallium	1.63	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29274	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29285	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29328	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29343	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29354	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29358	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29386	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29409	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29431	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29432	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29445	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29469	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29499	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29552	68111	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29558	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29578	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29608	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29625	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29633	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29671	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29678	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29683	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29684	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
29689	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29717	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29777	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29792	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29806	68111	Thallium	1.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29818	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29824	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29826	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29881	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29889	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29910	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29912	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29927	68111	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
29953	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29974	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29978	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
29991	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
29993	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30012	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30045	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30050	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30068	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30078	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30081	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30123	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30130	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30133	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30161	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30169	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30171	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30177	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30182	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30201	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30220	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30225	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30244	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30253	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30345	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30347	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30387	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30417	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30420	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30434	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30455	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30462	68111	Thallium	1.61	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30494	68111	Thallium	1.255	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
30521	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30526	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30536	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30563	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30580	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30625	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30644	68111	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30645	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30683	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30699	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30700	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30714	68111	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30757	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30802	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30813	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30817	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30836	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30841	68111	Thallium	2.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
30844	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30881	68111	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30888	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30918	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
30927	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30932	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30933	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
30939	68111	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30978	68111	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30991	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
30995	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
30997	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31008	68111	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31042	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31045	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31046	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31052	68111	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31056	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31071	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31074	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31076	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31081	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31102	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31104	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31120	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31129	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31131	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31141	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31145	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31163	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31171	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31176	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31186	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31189	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31192	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31206	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31229	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31237	68111	Thallium	1.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
31262	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31300	68111	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31303	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31316	68111	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31357	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31360	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31361	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31362	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31365	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31366	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31377	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31398	68111	Thallium	1.53	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31408	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31433	68111	Thallium	1.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31442	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31444	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31457	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31478	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31517	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31583	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31603	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31607	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31615	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31695	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31698	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31733	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31740	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31799	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31803	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31823	68111	Thallium	6.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
31850	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31853	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31854	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
31858	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31868	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31871	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31882	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31887	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31896	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31899	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31911	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31925	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
31936	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31964	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31965	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
31977	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
31986	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32001	68111	Thallium	6.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32016	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32021	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32022	68111	Thallium	6.12	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
32040	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32046	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32049	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32070	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32081	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32089	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32092	68111	Thallium	5.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32153	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32162	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32168	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32208	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32228	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32252	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32256	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32261	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32267	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32276	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32277	68111	Thallium	1.69	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32283	68111	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32284	68111	Thallium	5.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32287	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32293	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32311	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32316	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32325	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32339	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32346	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32414	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32418	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32428	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32429	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32441	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32444	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32455	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32456	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32458	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32497	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32502	68111	Thallium	1.475	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32539	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32547	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32562	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32581	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32596	68111	Thallium	1.595	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32633	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32673	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32678	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32686	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32696	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32702	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32708	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32736	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32775	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32779	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32780	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32783	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32818	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32847	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32851	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
32852	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32874	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32876	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32891	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32896	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32912	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32914	68111	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
32931	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32940	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
32949	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32968	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32972	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32973	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32974	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32989	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
32992	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33009	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33012	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33014	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33036	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33037	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33042	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33043	68111	Thallium	6.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
33060	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33062	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33120	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33177	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33207	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33296	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33314	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33317	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33350	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33372	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
33392	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33453	68111	Thallium	1.625	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33456	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33480	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33492	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33600	68111	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33607	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33630	68111	Thallium	4.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
33631	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33647	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33696	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33711	68111	Thallium	1.26	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
33741	68111	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33772	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33803	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33805	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33806	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33818	68111	Thallium	1.67	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33831	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33833	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
33856	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33863	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33875	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
33903	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
33915	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
33947	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
33997	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34037	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34040	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34059	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34060	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34075	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34088	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34126	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34128	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34142	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34173	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34179	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34200	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34219	68111	Thallium	5.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34222	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34224	68111	Thallium	5.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34225	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34247	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34251	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34255	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34257	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34320	68111	Thallium	1.575	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34371	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34377	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34387	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34396	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34430	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34444	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34478	68111	Thallium	1.555	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34503	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34560	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34562	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34595	68111	Thallium	6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34621	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34626	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34639	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34663	68111	Thallium	1.54	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34669	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34691	68111	Thallium	1.285	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34703	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34766	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34778	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34888	68111	Thallium	26.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E+00	2E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	**2E+00**	2E-01
34892	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34904	68111	Thallium	1.24	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
34917	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34923	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34936	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
34948	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
34953	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34985	68111	Thallium	5.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
34993	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
34999	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35003	68111	Thallium	4.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35014	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35042	68111	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
35043	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35059	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35072	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35095	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35137	68111	Thallium	1.23	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
35152	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35223	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35233	68111	Thallium	1.555	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35242	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35252	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35273	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35285	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35287	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35288	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35290	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35350	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35404	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35417	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
35458	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35495	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35503	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35513	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35517	68111	Thallium	6.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
35536	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35575	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35614	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35619	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
35786	68111	Thallium	1.265	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
35821	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35822	68111	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
35826	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35830	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
35877	68111	Thallium	1.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
35921	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
35935	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35943	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35947	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
35964	68111	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
35969	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36000	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36007	68111	Thallium	19.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E+00	1E-01	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E+00	1E-01
36015	68111	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36024	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36040	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
36046	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36072	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36093	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36116	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36138	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
36167	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36194	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
36212	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
36238	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
36246	68111	Thallium	2.73	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-01	2E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-01	2E-02
36251	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36257	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36259	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36269	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36325	68111	Thallium	1.24	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
36356	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36408	68111	Thallium	1.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36410	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
36427	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
36464	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36467	68111	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36507	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36557	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
36574	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
36656	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
36679	68111	Thallium	5.95	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
36701	68111	Thallium	1.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
36706	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
36936	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37023	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
37025	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
37031	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
37036	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
37049	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37087	68111	Thallium	1.17	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
37097	68111	Thallium	5.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
37156	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37189	68111	Thallium	1.23	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
37193	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37210	68111	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37219	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
37223	68111	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37226	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
37276	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
37361	68111	Thallium	1.32	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37402	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37465	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37470	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37684	68111	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37738	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
37756	68111	Thallium	6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
37907	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
37934	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
38007	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
38054	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38066	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38087	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
38202	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38210	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38253	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
38261	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38269	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
38300	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38363	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38383	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38407	68111	Thallium	1.295	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
38439	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38446	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38449	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38527	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38585	68111	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
38587	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38721	68111	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38724	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
38759	68111	Thallium	1.665	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
38780	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
38864	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL			CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49203	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49313	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49314	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49319	68111	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49341	68111	Thallium	1.28	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
49345	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49354	68111	Thallium	5.6	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
50024	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
50049	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
50080	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
50105	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
50107	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50120	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50146	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50356	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50404	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50410	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50417	68111	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50424	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
50434	68111	Thallium	1.63	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
50447	68111	Thallium	1.29	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
63239	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
63751	68111	Thallium	4.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
68070	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
68686	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
73862	68111	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
74664	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
75011	68111	Thallium	1.58	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
77146	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
79703	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
79704	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
87761	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
89893	68111	Thallium	4.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
90107	68111	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
91234	68111	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
91335	68111	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
91926	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
2269	68112	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
39755	68112	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
39951	68112	Thallium	1.34	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
40194	68112	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
40523	68112	Thallium	1.495	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
40879	68112	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
2097	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2156	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
2165	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
5037	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5150	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5153	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5186	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5188	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5195	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5197	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5260	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5272	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5278	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5298	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5377	68131	Thallium	0.72	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
5379	68131	Thallium	0.775	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
5380	68131	Thallium	0.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
22856	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23003	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23016	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23028	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23072	68131	Thallium	4.59	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
23093	68131	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
23144	68131	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23145	68131	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
23150	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23153	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23211	68131	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23237	68131	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23274	68131	Thallium	5.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
23280	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23301	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23338	68131	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23344	68131	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23379	68131	Thallium	1.315	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23399	68131	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23425	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23433	68131	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
23442	68131	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
23460	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23502	68131	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23512	68131	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23532	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23537	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL	CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23539	68131	Thallium	1.335	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23577	68131	Thallium	1.29	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23580	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23584	68131	Thallium	5.05	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23586	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23611	68131	Thallium	1.285	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23634	68131	Thallium	4.95	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23673	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23675	68131	Thallium	1.395	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23700	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23742	68131	Thallium	6.05	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
23786	68131	Thallium	5.55	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
23788	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23790	68131	Thallium	1.29	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23817	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23822	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23824	68131	Thallium	1.315	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
23845	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23872	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23895	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23899	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23922	68131	Thallium	1.28	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
23930	68131	Thallium	1.46	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23961	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23967	68131	Thallium	1.41	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23968	68131	Thallium	1.485	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23985	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
23986	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24000	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24010	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24019	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24027	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24098	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24109	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24119	68131	Thallium	1.315	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
24126	68131	Thallium	5.1	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
24132	68131	Thallium	1.39	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24141	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24156	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24162	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24182	68131	Thallium	1.29	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
24190	68131	Thallium	1.365	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
24214	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24240	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24272	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24274	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24277	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24334	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24348	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24357	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24358	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24367	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24370	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24374	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24376	68131	Thallium	1.425	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24390	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24396	68131	Thallium	5.65	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
24411	68131	Thallium	1.505	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24451	68131	Thallium	1.455	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24457	68131	Thallium	1.42	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24577	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24601	68131	Thallium	5.1	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
24605	68131	Thallium	1.4	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24635	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24640	68131	Thallium	1.375	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
24655	68131	Thallium	1.28	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
24674	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24692	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24693	68131	Thallium	1.37	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
24703	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24740	68131	Thallium	1.55	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24751	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24757	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24768	68131	Thallium	5.35	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
24776	68131	Thallium	1.385	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
24794	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24800	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24808	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24887	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24896	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24931	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24958	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
24962	68131	Thallium	1.325	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
24964	68131	Thallium	1.305	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
25005	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25009	68131	Thallium	5	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25061	68131	Thallium	1.375	6.48E-05	--	6.48E-05	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25063	68131	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
25078	68131	Thallium	1.56	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25096	68131	Thallium	5.52	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25130	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25133	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25137	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25167	68131	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
25185	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25189	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25193	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25202	68131	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
25204	68131	Thallium	1.435	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25231	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25242	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25281	68131	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25285	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25296	68131	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25315	68131	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25324	68131	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25329	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25331	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25335	68131	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25337	68131	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25385	68131	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
25391	68131	Thallium	12.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-01	9E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-01	9E-02
25410	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25425	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25456	68131	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
25547	68131	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25554	68131	Thallium	1.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
25558	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25579	68131	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25604	68131	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25607	68131	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
25634	68131	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
25657	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50446	68131	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
89514	68131	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93114	68131	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
93413	68131	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
93419	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
5139	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5140	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5313	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
5317	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49490	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49500	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49505	68132	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49521	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49544	68132	Thallium	1.375	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49558	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49578	68132	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49618	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49625	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49627	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49628	68132	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49642	68132	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49663	68132	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49671	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49672	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49676	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49678	68132	Thallium	1.405	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49682	68132	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49697	68132	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49701	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49704	68132	Thallium	5.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49716	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49717	68132	Thallium	5.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49724	68132	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49725	68132	Thallium	4.17	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
49726	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49727	68132	Thallium	4.19	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
49736	68132	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49739	68132	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49759	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49760	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49774	68132	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49781	68132	Thallium	1.27	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
49783	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49793	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49800	68132	Thallium	1.22	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
49806	68132	Thallium	1.23	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
49812	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49819	68132	Thallium	1.345	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49833	68132	Thallium	1.44	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49846	68132	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49852	68132	Thallium	1.265	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49853	68132	Thallium	1.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	9E-03
49855	68132	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49863	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49884	68132	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49892	68132	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49902	68132	Thallium	1.555	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49907	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49911	68132	Thallium	1.37	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49913	68132	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49918	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49922	68132	Thallium	1.42	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49929	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49931	68132	Thallium	1.57	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49936	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49941	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
49943	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49953	68132	Thallium	1.36	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
49956	68132	Thallium	1.465	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49958	68132	Thallium	1.555	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49961	68132	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49971	68132	Thallium	4.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
49974	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49986	68132	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
49994	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
49995	68132	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
50479	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50484	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50485	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
50536	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51190	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51214	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51217	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51225	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51228	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51234	68132	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51256	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51263	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51270	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51278	68132	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51280	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51327	68132	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51349	68132	Thallium	1.205	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
51361	68132	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51369	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51381	68132	Thallium	4.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51391	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51392	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51394	68132	Thallium	1.43	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51401	68132	Thallium	4.8	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51412	68132	Thallium	4.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
51437	68132	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51440	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51457	68132	Thallium	1.575	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51483	68132	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51492	68132	Thallium	1.41	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51504	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51512	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51519	68132	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51525	68132	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51544	68132	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51546	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51551	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51569	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51587	68132	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51588	68132	Thallium	5.25	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51598	68132	Thallium	1.355	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51600	68132	Thallium	1.455	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51607	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51630	68132	Thallium	4.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51640	68132	Thallium	1.3	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51645	68132	Thallium	1.46	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51646	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51659	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51667	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51671	68132	Thallium	1.505	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51676	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51705	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51706	68132	Thallium	1.525	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51708	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51710	68132	Thallium	5.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51712	68132	Thallium	1.485	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51735	68132	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51750	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51752	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51767	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51769	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51779	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51780	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51785	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51790	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51800	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51803	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51805	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51807	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51808	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51820	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51829	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51840	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51844	68132	Thallium	5.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51846	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51847	68132	Thallium	4.9	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51854	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51855	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51857	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51861	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51863	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51866	68132	Thallium	1.51	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51872	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51897	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51918	68132	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51921	68132	Thallium	1.33	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
51938	68132	Thallium	1.515	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
51946	68132	Thallium	5.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51949	68132	Thallium	5.05	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51959	68132	Thallium	1.19	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
51960	68132	Thallium	5.5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51972	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
51990	68132	Thallium	5.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
51997	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52023	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52035	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52046	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
52054	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52059	68132	Thallium	4.7	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
52075	68132	Thallium	1.39	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52078	68132	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52080	68132	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52085	68132	Thallium	1.395	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52090	68132	Thallium	1.38	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52091	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52097	68132	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52101	68132	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52106	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52091	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52097	68132	Thallium	1.385	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52101	68132	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52106	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52112	68132	Thallium	1.335	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52119	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52122	68132	Thallium	4.65	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
52128	68132	Thallium	6.15	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
52129	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52137	68132	Thallium	1.48	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52140	68132	Thallium	1.47	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52141	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52150	68132	Thallium	1.445	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52155	68132	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
52158	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52166	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52167	68132	Thallium	1.325	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52177	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52178	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52181	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52186	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52187	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52190	68132	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52192	68132	Thallium	5.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
52198	68132	Thallium	4.55	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	3E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	3E-02
52202	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52206	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52214	68132	Thallium	1.535	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52226	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52228	68132	Thallium	1.45	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52243	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52244	68132	Thallium	5.2	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
52246	68132	Thallium	1.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52327	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52336	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52356	68132	Thallium	5	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-01	4E-02
52357	68132	Thallium	6.35	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	5E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	5E-02
52367	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52378	68132	Thallium	1.415	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
52386	68132	Thallium	5.75	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02
52387	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
52411	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
63007	68132

TABLE 7.1.CT
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Central Tendency Exposure - Thallium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
92431	68132	Thallium	5.85	6.48E-05	--	6.48E-05	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-01	4E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-01	4E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Central Tendency Exposure - Vanadium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2133	68104	Vanadium	22.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5026	68104	Vanadium	24.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5143	68104	Vanadium	25.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5144	68104	Vanadium	21.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5145	68104	Vanadium	21.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5147	68104	Vanadium	16.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
2229	68105	Vanadium	26.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2299	68105	Vanadium	22.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2300	68105	Vanadium	21.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2308	68105	Vanadium	20.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3076	68105	Vanadium	22.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3118	68105	Vanadium	23.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5054	68105	Vanadium	18.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5057	68105	Vanadium	26.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5105	68105	Vanadium	24.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5109	68105	Vanadium	16.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5110	68105	Vanadium	28.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5112	68105	Vanadium	24	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5117	68105	Vanadium	27.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5123	68105	Vanadium	25.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5128	68105	Vanadium	28.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5129	68105	Vanadium	24.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5132	68105	Vanadium	27.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5134	68105	Vanadium	36.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5338	68105	Vanadium	22.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5347	68105	Vanadium	26.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5351	68105	Vanadium	0.385	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-04	4E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-04	4E-05
5352	68105	Vanadium	24.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5355	68105	Vanadium	29.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5356	68105	Vanadium	25.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5357	68105	Vanadium	22.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5359	68105	Vanadium	20.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5361	68105	Vanadium	20.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5363	68105	Vanadium	21.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5364	68105	Vanadium	26.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5365	68105	Vanadium	27.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5367	68105	Vanadium	20	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5486	68105	Vanadium	20.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5488	68105	Vanadium	23.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5489	68105	Vanadium	24.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5495	68105	Vanadium	19.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5509	68105	Vanadium	22.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5610	68105	Vanadium	25	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2030	68107	Vanadium	34.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2038	68107	Vanadium	24.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2104	68107	Vanadium	13.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2124	68107	Vanadium	37.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
2167	68107	Vanadium	27.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
2206	68107	Vanadium	26.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
2252	68107	Vanadium	33.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2273	68107	Vanadium	31	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2292	68107	Vanadium	22.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3003	68107	Vanadium	28.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
3021	68107	Vanadium	48.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
3074	68107	Vanadium	20.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3121	68107	Vanadium	23.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5066	68107	Vanadium	21.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5076	68107	Vanadium	33.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5130	68107	Vanadium	29.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5157	68107	Vanadium	30.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5159	68107	Vanadium	36.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5161	68107	Vanadium	28.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5163	68107	Vanadium	35.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5165	68107	Vanadium	25.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5166	68107	Vanadium	33.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5172	68107	Vanadium	19.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5176	68107	Vanadium	45.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5178	68107	Vanadium	24.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5180	68107	Vanadium	25.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5182	68107	Vanadium	19.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5183	68107	Vanadium	24.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5185	68107	Vanadium	31.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5211	68107	Vanadium	22.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5212	68107	Vanadium	27.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
2170	68108	Vanadium	27.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5225	68108	Vanadium	29.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5227	68108	Vanadium	23.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5229	68108	Vanadium	24	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5284	68108	Vanadium	24.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5300	68108	Vanadium	30.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5304	68108	Vanadium	28.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5306	68108	Vanadium	17.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5332	68108	Vanadium	17.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5387	68108	Vanadium	23.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5390	68108	Vanadium	21.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5394	68108	Vanadium	23.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5395	68108	Vanadium	23.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5398	68108	Vanadium	26	5.04E-03	--	1.31E-04	--	4.47E-06

Central Tendency Exposure - Vanadium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5429	68108	Vanadium	22.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5431	68108	Vanadium	24.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5432	68108	Vanadium	22.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5449	68108	Vanadium	26.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5450	68108	Vanadium	23.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5454	68108	Vanadium	20.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5460	68108	Vanadium	21.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5463	68108	Vanadium	23.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5467	68108	Vanadium	24.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5472	68108	Vanadium	22.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5473	68108	Vanadium	22.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5474	68108	Vanadium	28.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5480	68108	Vanadium	21.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5483	68108	Vanadium	24.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5485	68108	Vanadium	20.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5492	68108	Vanadium	24.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5505	68108	Vanadium	23.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5572	68108	Vanadium	23.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5607	68108	Vanadium	23.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5608	68108	Vanadium	26.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5623	68108	Vanadium	26	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5628	68108	Vanadium	24.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5630	68108	Vanadium	22.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5636	68108	Vanadium	23.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5637	68108	Vanadium	19.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5652	68108	Vanadium	19.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2069	68110	Vanadium	28.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2280	68110	Vanadium	19.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2354	68110	Vanadium	22.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3136	68110	Vanadium	21.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5258	68110	Vanadium	33.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5388	68110	Vanadium	25.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5520	68110	Vanadium	27.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5525	68110	Vanadium	24	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5527	68110	Vanadium	24.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5530	68110	Vanadium	27.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5532	68110	Vanadium	25.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5536	68110	Vanadium	28.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5541	68110	Vanadium	28	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5544	68110	Vanadium	25	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5546	68110	Vanadium	24.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5551	68110	Vanadium	26.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5559	68110	Vanadium	25.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5560	68110	Vanadium	24.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5561	68110	Vanadium	23.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5563	68110	Vanadium	24.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5565	68110	Vanadium	23.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5566	68110	Vanadium	21.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5612	68110	Vanadium	24.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5614	68110	Vanadium	24.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5641	68110	Vanadium	26.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5651	68110	Vanadium	23.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2035	68111	Vanadium	35	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2075	68111	Vanadium	26.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2103	68111	Vanadium	29.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2109	68111	Vanadium	39.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2121	68111	Vanadium	27.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
2126	68111	Vanadium	35.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2154	68111	Vanadium	39.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
2179	68111	Vanadium	19.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2216	68111	Vanadium	36.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
2225	68111	Vanadium	24.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2231	68111	Vanadium	12.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2262	68111	Vanadium	24.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2365	68111	Vanadium	22.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3046	68111	Vanadium	19.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3051	68111	Vanadium	19.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3058	68111	Vanadium	20.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3091	68111	Vanadium	16.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
3133	68111	Vanadium	21.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
3151	68111	Vanadium	13	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5013	68111	Vanadium	38	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
5085	68111	Vanadium	29.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5170	68111	Vanadium	25.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5171	68111	Vanadium	31.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5204	68111	Vanadium	29.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5206	68111	Vanadium	30.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5208	68111	Vanadium	24.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5215	68111	Vanadium	25.7	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5221	68111	Vanadium	27.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5230	68111	Vanadium	28.5	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5232	68111	Vanadium	36.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5234	68111	Vanadium	27.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5236	68111	Vanadium	26.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5238	68111	Vanadium	27.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5240	68111	Vanadium	24.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5242	68111	Vanadium	26.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5246	68111	Vanadium	33.1	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Vanadium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5037	68131	Vanadium	29.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5150	68131	Vanadium	29.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5153	68131	Vanadium	23.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5186	68131	Vanadium	29.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5188	68131	Vanadium	28.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5195	68131	Vanadium	23.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5197	68131	Vanadium	27.9	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5260	68131	Vanadium	24.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5272	68131	Vanadium	26.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
5278	68131	Vanadium	25.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5298	68131	Vanadium	40.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
5377	68131	Vanadium	21	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5379	68131	Vanadium	22.4	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5380	68131	Vanadium	25.3	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5139	68132	Vanadium	30.2	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5140	68132	Vanadium	20.6	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5313	68132	Vanadium	30.8	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
5317	68132	Vanadium	18	5.04E-03	--	1.31E-04	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
7	68107	Zinc	268.106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21	68107	Zinc	179.729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23	68107	Zinc	166.913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24	68107	Zinc	218.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30	68107	Zinc	186.315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31	68107	Zinc	373.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34	68107	Zinc	248.882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35	68107	Zinc	804.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36	68107	Zinc	403.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37	68107	Zinc	196.995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38	68107	Zinc	182.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40	68107	Zinc	320.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47	68107	Zinc	212.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49	68107	Zinc	211.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
56	68107	Zinc	442.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
57	68107	Zinc	495.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
79	68107	Zinc	180.085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
81	68107	Zinc	268.818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
83	68107	Zinc	276.294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
85	68107	Zinc	396.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
87	68107	Zinc	154.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
88	68107	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
93	68107	Zinc	239.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
99	68107	Zinc	241.228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
106	68107	Zinc	580.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
125	68107	Zinc	96.069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
174	68107	Zinc	157.301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
409	68107	Zinc	372.948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
503	68107	Zinc	534.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
506	68107	Zinc	209.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
629	68107	Zinc	270.954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
904	68107	Zinc	362.268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
924	68107	Zinc	966.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
930	68107	Zinc	194.325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
994	68107	Zinc	167.269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1013	68107	Zinc	445.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
1057	68107	Zinc	223.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1072	68107	Zinc	992.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
1083	68107	Zinc	142.705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1084	68107	Zinc	128.821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1093	68107	Zinc	477.612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1095	68107	Zinc	279.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1099	68107	Zinc	307.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1104	68107	Zinc	131.135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1106	68107	Zinc	251.018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1122	68107	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1123	68107	Zinc	346.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1133	68107	Zinc	150.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1140	68107	Zinc	200.199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1164	68107	Zinc	498.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1183	68107	Zinc	130.245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1196	68107	Zinc	223.606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1203	68107	Zinc	314.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1210	68107	Zinc	484.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1215	68107	Zinc	356.038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1222	68107	Zinc	339.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1224	68107	Zinc	291.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1226	68107	Zinc	313.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1234	68107	Zinc	299.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1235	68107	Zinc	393.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1236	68107	Zinc	157.835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1239	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1243	68107	Zinc	177.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1256	68107	Zinc	218.622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1274	68107	Zinc	113.335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1279	68107	Zinc	156.233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1281	68107	Zinc	418.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1290	68107	Zinc	467.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
1291	68107	Zinc	280.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1316	68107	Zinc	629.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
1318	68107	Zinc	393.596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1321	68107	Zinc	217.732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1322	68107	Zinc	469.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1326	68107	Zinc	311.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1328	68107	Zinc	321.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1332	68107	Zinc	315.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1344	68107	Zinc	193.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1347	68107	Zinc	520.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
1348	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1349	68107	Zinc	267.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1355	68107	Zinc	204.382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1356	68107	Zinc	255.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1357	68107	Zinc	219.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1359	68107	Zinc	657.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1362	68107	Zinc	264.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1363	68107	Zinc	215.418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1364	68107	Zinc	151.427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1370	68107	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1374	68107	Zinc	285.906	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
1470	68107	Zinc	415.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1475	68107	Zinc	481.884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1477	68107	Zinc	1803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
1478	68107	Zinc	677.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1492	68107	Zinc	491.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1496	68107	Zinc	370.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1504	68107	Zinc	65.453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
1506	68107	Zinc	140.925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1547	68107	Zinc	149.469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1548	68107	Zinc	190.409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1607	68107	Zinc	162.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1611	68107	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1614	68107	Zinc	343.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1615	68107	Zinc	162.018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1624	68107	Zinc	466.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
1625	68107	Zinc	127.931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1631	68107	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1632	68107	Zinc	227.878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2001	68107	Zinc	167.4025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2030	68107	Zinc	278.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2033	68107	Zinc	264.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2038	68107	Zinc	89.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
2056	68107	Zinc	354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2059	68107	Zinc	430.1127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2068	68107	Zinc	386.3425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2096	68107	Zinc	322.574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2104	68107	Zinc	675.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2124	68107	Zinc	107.906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2167	68107	Zinc	134.695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2172	68107	Zinc	250.8133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2197	68107	Zinc	361.022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2206	68107	Zinc	417.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2218	68107	Zinc	508.1568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
2220	68107	Zinc	322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2249	68107	Zinc	418.8542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2252	68107	Zinc	224.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2259	68107	Zinc	144.6926667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2273	68107	Zinc	253.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2292	68107	Zinc	135.9855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2293	68107	Zinc	217.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2303	68107	Zinc	471.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
2330	68107	Zinc	298.1613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2350	68107	Zinc	261.431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2376	68107	Zinc	335.034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2377	68107	Zinc	157.123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2384	68107	Zinc	667.004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2410	68107	Zinc	574.3906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
2444	68107	Zinc	885.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2477	68107	Zinc	243.1771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2478	68107	Zinc	331.5452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2479	68107	Zinc	291.5219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2483	68107	Zinc	550.3873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
2485	68107	Zinc	282.0612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2490	68107	Zinc	267.7856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2492	68107	Zinc	203.6967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2494	68107	Zinc	361.467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2496	68107	Zinc	522.6193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
2497	68107	Zinc	393.0531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2498	68107	Zinc	212.8014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2499	68107	Zinc	583.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
2500	68107	Zinc	318.8449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2504	68107	Zinc	185.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2506	68107	Zinc	623.0914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
2509	68107	Zinc	426.1433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2510	68107	Zinc	329.9165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2512	68107	Zinc	310.2208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2513	68107	Zinc	280.2456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2514	68107	Zinc	200.0566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3003	68107	Zinc	178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3004	68107	Zinc	396.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
3021	68107	Zinc	346.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
3047	68107	Zinc	383.806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
3074	68107	Zinc	173.321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3083	68107	Zinc	501.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
3121	68107	Zinc	354.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
3157	68107	Zinc	481.2788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
3188	68107	Zinc	170.6243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3194	68107	Zinc	149.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3210	68107	Zinc	626.954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
3223	68107	Zinc	238.9852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5005	68107	Zinc	240.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5010	68107	Zinc	296.586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5064	68107	Zinc	304.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5065	68107	Zinc	267.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5066	68107	Zinc	584.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5067	68107	Zinc	210.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5068	68107	Zinc	259.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5069	68107	Zinc	112.445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE																		
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5159	68107	Zinc	416.024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5160	68107	Zinc	454.472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5161	68107	Zinc	146.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5162	68107	Zinc	269.886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5163	68107	Zinc	131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5164	68107	Zinc	518.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5165	68107	Zinc	310	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5166	68107	Zinc	222.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5172	68107	Zinc	395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5173	68107	Zinc	362.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5174	68107	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5175	68107	Zinc	568.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5176	68107	Zinc	376.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5177	68107	Zinc	273.802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5178	68107	Zinc	276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5179	68107	Zinc	446.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5180	68107	Zinc	406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5181	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5182	68107	Zinc	229.302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5183	68107	Zinc	171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5184	68107	Zinc	307.622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5185	68107	Zinc	258.138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5209	68107	Zinc	217.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5210	68107	Zinc	624.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
5211	68107	Zinc	192.545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5212	68107	Zinc	119.743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5213	68107	Zinc	123.837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5214	68107	Zinc	117.607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10001	68107	Zinc	351.9885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10002	68107	Zinc	253.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10005	68107	Zinc	136.119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10007	68107	Zinc	508.6908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10008	68107	Zinc	374.2474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10009	68107	Zinc	513.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10010	68107	Zinc	382.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10011	68107	Zinc	428.3416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10015	68107	Zinc	181.1886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10016	68107	Zinc	726.3581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10018	68107	Zinc	459.9633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10019	68107	Zinc	281.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10021	68107	Zinc	224.9944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10024	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10025	68107	Zinc	271.1676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10026	68107	Zinc	350.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10028	68107	Zinc	795.1462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10029	68107	Zinc	445.0736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10030	68107	Zinc	396.6398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10032	68107	Zinc	459.4916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10033	68107	Zinc	160.3003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10034	68107	Zinc	288.7184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10035	68107	Zinc	736.7444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10036	68107	Zinc	375.8672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10038	68107	Zinc	418.8008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10039	68107	Zinc	333.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10040	68107	Zinc	239.181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10041	68107	Zinc	657.1339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10042	68107	Zinc	310.0962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10043	68107	Zinc	209.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10044	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10045	68107	Zinc	1052.641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10046	68107	Zinc	371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10048	68107	Zinc	475.8498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10052	68107	Zinc	367.786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10053	68107	Zinc	463.1139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10054	68107	Zinc	339.8845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10055	68107	Zinc	480.0595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10057	68107	Zinc	373.3663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10059	68107	Zinc	300.8224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10062	68107	Zinc	438.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10063	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10066	68107	Zinc	355.5752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10067	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10068	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10069	68107	Zinc	510.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10070	68107	Zinc	317.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10071	68107	Zinc	294.0228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10072	68107	Zinc	212.6679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10073	68107	Zinc	535.1327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10074	68107	Zinc	556.822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10075	68107	Zinc	324.5142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10076	68107	Zinc	470.3496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10077	68107	Zinc	244.2184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10078	68107	Zinc	421.364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10079	68107	Zinc	240.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10083	68107	Zinc	598.8389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10087	68107	Zinc	247.0397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10088	68107	Zinc	319.6993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10089	68107	Zinc	367.4211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10102	68107	Zinc	620.0031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10103	68107	Zinc	1164.959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10104	68107	Zinc	437.9358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10105	68107	Zinc	404.3027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10108	68107	Zinc	343.133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10109	68107	Zinc	622.6998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10110	68107	Zinc	389.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10111	68107	Zinc	512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10112	68107	Zinc	128.2336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10115	68107	Zinc	167.447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10116	68107	Zinc	373.927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10117	68107	Zinc	1309.139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10118	68107	Zinc	535.9337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10119	68107	Zinc	630.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10120	68107	Zinc	261.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10122	68107	Zinc	123.2229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10126	68107	Zinc	330.8688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10127	68107	Zinc	558.0413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10128	68107	Zinc	162.8635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10130	68107	Zinc	475.209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10131	68107	Zinc	355.6464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10133	68107	Zinc	837.6793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10134	68107	Zinc	157.4701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10135	68107	Zinc	237.2319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10137	68107	Zinc	253.154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10138	68107	Zinc	129.9869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10140	68107	Zinc	418.8631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10141	68107	Zinc	411.9656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10143	68107	Zinc	167.5538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10144	68107	Zinc	274.6564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10146	68107	Zinc	362.2324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10148	68107	Zinc	454.9793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10149	68107	Zinc	364.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10150	68107	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10151	68107	Zinc	198.3389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10154	68107	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10158	68107	Zinc	333.6456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10159	68107	Zinc	754.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10160	68107	Zinc	575.3073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10162	68107	Zinc	149.4512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10163	68107	Zinc	404.8278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10164	68107	Zinc	396.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10165	68107	Zinc	267.1626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10166	68107	Zinc	299.5764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10167	68107	Zinc	451.0188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10169	68107	Zinc	245.5178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10171	68107	Zinc	298.9445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10172	68107	Zinc	435.9511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10173	68107	Zinc	428.8845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10175	68107	Zinc	262.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10177	68107	Zinc	421.0436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10178	68107	Zinc	308.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10179	68107	Zinc	822.4336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10180	68107	Zinc	313.1311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10181	68107	Zinc	222.627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10182	68107	Zinc	367.0295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10183	68107	Zinc	798.3057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10184	68107	Zinc	306.9189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10192	68107	Zinc	336.6004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10194	68107	Zinc	777.9069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10195	68107	Zinc	317.0382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10196	68107	Zinc	383.7348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10197	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10200	68107	Zinc	201.6586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10201	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10202	68107	Zinc	196.9772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10203	68107	Zinc	594.3177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10204	68107	Zinc	526.1081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10205	68107	Zinc	625.085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10206	68107	Zinc	335.4523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10208	68107	Zinc	166.7617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10209	68107	Zinc	252.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10211	68107	Zinc	1683.829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
10212	68107	Zinc	254.1063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10213	68107	Zinc	255.5926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10214	68107	Zinc	307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10215	68107	Zinc	313.0777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10218	68107	Zinc	574.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10222	68107	Zinc	575.2628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10223	68107	Zinc	292.2962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10224	68107	Zinc	395.7498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10225	68107	Zinc	220.3575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10226	68107	Zinc	222.5024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10227	68107	Zinc	747.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10229	68107	Zinc	327.5402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10230	68107	Zinc	281.9811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10231	68107	Zinc	369.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10232	68107	Zinc	557.4361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10247	68107	Zinc	342.4655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10248	68107	Zinc	472.4945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10249	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10251	68107	Zinc	317.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10252	68107	Zinc	686.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10253	68107	Zinc	440.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10254	68107	Zinc	1145.201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10256	68107	Zinc	503.3241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10257	68107	Zinc	279.765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10258	68107	Zinc	236.5555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10259	68107	Zinc	466.8697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10260	68107	Zinc	619.4958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10261	68107	Zinc	182.4791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10262	68107	Zinc	334.6691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10263	68107	Zinc	258.5652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10264	68107	Zinc	242.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10265	68107	Zinc	616.1583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10266	68107	Zinc	353.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10269	68107	Zinc	421.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10272	68107	Zinc	324.9414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10273	68107	Zinc	440.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10274	68107	Zinc	274.158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10275	68107	Zinc	265.8721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10276	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10277	68107	Zinc	732.2588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10279	68107	Zinc	293.2752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10280	68107	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10281	68107	Zinc	387.0545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10283	68107	Zinc	1144.845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10286	68107	Zinc	351.5079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10288	68107	Zinc	496.6758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10289	68107	Zinc	297.9566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10290	68107	Zinc	568.9705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10291	68107	Zinc	493.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10293	68107	Zinc	336.4135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10294	68107	Zinc	315.4896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10295	68107	Zinc	217.5006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10296	68107	Zinc	183.9209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10297	68107	Zinc	195.571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10298	68107	Zinc	305.9488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10299	68107	Zinc	284.1798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10300	68107	Zinc	279.9786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10301	68107	Zinc	399.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10302	68107	Zinc	257.0344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10303	68107	Zinc	429.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10304	68107	Zinc	194.0313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10305	68107	Zinc	685.5338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10306	68107	Zinc	160.1045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10308	68107	Zinc	752.0168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10309	68107	Zinc	337.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10310	68107	Zinc	540	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10311	68107	Zinc	518.6232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10313	68107	Zinc	630.2915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10314	68107	Zinc	340.0536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10315	68107	Zinc	727.0523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10316	68107	Zinc	270.598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10317	68107	Zinc	202.335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10318	68107	Zinc	215.596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10320	68107	Zinc	272.1288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10322	68107	Zinc	409.6694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10324	68107	Zinc	472.984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10326	68107	Zinc	378.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10327	68107	Zinc	335.2387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10328	68107	Zinc	652.1588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10329	68107	Zinc	789.4235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10330	68107	Zinc	275.4396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10331	68107	Zinc	446.5777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10332	68107	Zinc	691.3989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10333	68107	Zinc	1430.001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10334	68107	Zinc	349.2651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10337	68107	Zinc	360.3723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10338	68107	Zinc	339.7955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10339	68107	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10340	68107	Zinc	352.033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10342	68107	Zinc	434.6962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10343	68107	Zinc	128.1802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10344	68107	Zinc	436.2893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10345	68107	Zinc	231.7406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10346	68107	Zinc	295.9452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10347	68107	Zinc	836.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10348	68107	Zinc	266.4862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10349	68107	Zinc	230.6815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10351	68107	Zinc	271.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10352	68107	Zinc	373.037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10353	68107	Zinc	230.8506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10354	68107	Zinc	192.3759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10356	68107	Zinc	223.9442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10358	68107	Zinc	435.8176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10375	68107	Zinc	293.7558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10376	68107	Zinc	538.4346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10377	68107	Zinc	433.3612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10378	68107	Zinc	227.4508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10381	68107	Zinc	108.885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10382	68107	Zinc	363.6208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10383	68107	Zinc	235.2561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10385	68107	Zinc	210.8701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10386	68107	Zinc	196.906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10387	68107	Zinc	204.3108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10388	68107	Zinc	217.1268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10389	68107	Zinc	720.2082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10390	68107	Zinc	320.2422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10392	68107	Zinc	493.2671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10394	68107	Zinc	276.2495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10395	68107	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10396	68107	Zinc	329.1778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10397	68107	Zinc	190.0619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10398	68107	Zinc	459.0644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10401	68107	Zinc	155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10402	68107	Zinc	302.638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10403	68107	Zinc	287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10404	68107	Zinc	193.1324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10405	68107	Zinc	192.3225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10407	68107	Zinc	357.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10408	68107	Zinc	312.161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10409	68107	Zinc	385.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10410	68107	Zinc	611.5837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10412	68107	Zinc	355.1658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10413	68107	Zinc	297.4315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10414	68107	Zinc	343.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10415	68107	Zinc	167.625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10416	68107	Zinc	409.5982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10417	68107	Zinc	424.7994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10418	68107	Zinc	187.3563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10419	68107	Zinc	318.9695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10421	68107	Zinc	416.8428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10422	68107	Zinc	362.2324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10425	68107	Zinc	176.258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10427	68107	Zinc	365.6055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10428	68107	Zinc	252.2996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10429	68107	Zinc	331.1091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10430	68107	Zinc	318.9695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10431	68107	Zinc	277.7625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10432	68107	Zinc	302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10433	68107	Zinc	464.1641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10434	68107	Zinc	409.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10436	68107	Zinc	381.0114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10437	68107	Zinc	200.4126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10438	68107	Zinc	314.653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10439	68107	Zinc	137.365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10440	68107	Zinc	283.0491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10441	68107	Zinc	390.2229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10443	68107	Zinc	326.2675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10445	68107	Zinc	313.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10447	68107	Zinc	293.5155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10449	68107	Zinc	297.1467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10450	68107	Zinc	480.282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10451	68107	Zinc	322.3693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10452	68107	Zinc	346.5862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10453	68107	Zinc	191.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10454	68107	Zinc	1073.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10455	68107	Zinc	1060	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10456	68107	Zinc	456.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10457	68107	Zinc	265.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10458	68107	Zinc	327.5135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10459	68107	Zinc	297.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10461	68107	Zinc	640.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10462	68107	Zinc	256.1533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10463	68107	Zinc	560.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10464	68107	Zinc	345.5449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10466	68107	Zinc	280.5749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10467	68107	Zinc	377.0598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10468	68107	Zinc	352.6471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10469	68107	Zinc	407.8004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10470	68107	Zinc	382.8448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10471	68107	Zinc	782.081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10472	68107	Zinc	217.5451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10473	68107	Zinc	214.3589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10474	68107	Zinc	546.6582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10475	68107	Zinc	231.2867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10478	68107	Zinc	351.1074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10480	68107	Zinc	260.1494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10481	68107	Zinc	97.0213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
10483	68107	Zinc	253.6524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10484	68107	Zinc	376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10485	68107	Zinc	155.5032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10486	68107	Zinc	183.0487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10500	68107	Zinc	589.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10501	68107	Zinc	528.9116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10503	68107	Zinc	419.1123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10504	68107	Zinc	660.9253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10505	68107	Zinc	510.987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10506	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10508	68107	Zinc	640.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10510	68107	Zinc	407.569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10511	68107	Zinc	475.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10512	68107	Zinc	170.117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10513	68107	Zinc	251.0536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10515	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10516	68107	Zinc	599.5865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10518	68107	Zinc	235.4341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10519	68107	Zinc	338.5762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10520	68107	Zinc	656.2973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10521	68107	Zinc	179.0971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10522	68107	Zinc	457.6493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10523	68107	Zinc	251.8724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10524	68107	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10525	68107	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10526	68107	Zinc	258.4317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10527	68107	Zinc	331.7677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10528	68107	Zinc	372.3161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10530	68107	Zinc	181.5001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10531	68107	Zinc	374.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10532	68107	Zinc	190.7205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10533	68107	Zinc	449.1142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10534	68107	Zinc	346.3548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10535	68107	Zinc	324.8524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10536	68107	Zinc	506.2433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10537	68107	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10538	68107	Zinc	523.1444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10539	68107	Zinc	225.4216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10540	68107	Zinc	304.7562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10542	68107	Zinc	257.426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10543	68107	Zinc	802.8981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10544	68107	Zinc	192.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10545	68107	Zinc	400.7961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10546	68107	Zinc	167.7941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10547	68107	Zinc	288.2111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10548	68107	Zinc	346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10550	68107	Zinc	311.8406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10552	68107	Zinc	408.3077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10555	68107	Zinc	463.7725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10556	68107	Zinc	493.2137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10557	68107	Zinc	404.1158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10558	68107	Zinc	292.7946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10561	68107	Zinc	166.4769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10562	68107	Zinc	582.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10563	68107	Zinc	394.9666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10564	68107	Zinc	448.8561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10566	68107	Zinc	503.8492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10567	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10568	68107	Zinc	291.9046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10569	68107	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10570	68107	Zinc	597.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10571	68107	Zinc	300.3062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10572	68107	Zinc	484.9634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10573	68107	Zinc	151.516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10575	68107	Zinc	253.0561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10576	68107	Zinc	274.1046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10577	68107	Zinc	507.0176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10578	68107	Zinc	519.1038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10579	68107	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10580	68107	Zinc	311.4935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10581	68107	Zinc	317.6345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10582	68107	Zinc	625.3342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10583	68107	Zinc	341.9849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10584	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10585	68107	Zinc	162.8902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10587	68107	Zinc	176.1957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10588	68107	Zinc	355.9757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10589	68107	Zinc	492.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10591	68107	Zinc	361.20445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10592	68107	Zinc	364.8668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10597	68107	Zinc	436.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10598	68107	Zinc	240.5694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10599	68107	Zinc	439.2797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10600	68107	Zinc	233.8232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10601	68107	Zinc	277.5667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10604	68107	Zinc	417.5726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10607	68107	Zinc	738.1239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10608	68107	Zinc	194.5831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10609	68107	Zinc	1044.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10610	68107	Zinc	398.046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10611	68107	Zinc	227.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10612	68107	Zinc	235.4074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10624	68107	Zinc	478.8936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10627	68107	Zinc	194.8412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10628	68107	Zinc	302.7092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10630	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10633	68107	Zinc	240.2846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10634	68107	Zinc	260.8258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10636	68107	Zinc	499.5416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10637	68107	Zinc	389.0303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10638	68107	Zinc	248.5438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10639	68107	Zinc	293.382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10640	68107	Zinc	554.9797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10642	68107	Zinc	192.5539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10644	68107	Zinc	235.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10645	68107	Zinc	521.8094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10646	68107	Zinc	173.4278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10647	68107	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10648	68107	Zinc	412.6331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10649	68107	Zinc	369.566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10650	68107	Zinc	608.0504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10651	68107	Zinc	595.893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10652	68107	Zinc	166.6816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10653	68107	Zinc	303.8039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10654	68107	Zinc	235.5409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10655	68107	Zinc	206.9541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10657	68107	Zinc	321.6395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10658	68107	Zinc	253.243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10660	68107	Zinc	386.3692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10661	68107	Zinc	201.6942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10662	68107	Zinc	463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10663	68107	Zinc	1179.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10664	68107	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10667	68107	Zinc	255.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10668	68107	Zinc	316.6555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10670	68107	Zinc	419.8955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10671	68107	Zinc	309.3931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10672	68107	Zinc	176.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10673	68107	Zinc	480.6914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10674	68107	Zinc	327.8606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10676	68107	Zinc	201.9078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10678	68107	Zinc	722.9494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10679	68107	Zinc	587.0464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10680	68107	Zinc	252.5933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10681	68107	Zinc	209.7309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10682	68107	Zinc	150.537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10683	68107	Zinc	456.608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10684	68107	Zinc	533.0946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10685	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10686	68107	Zinc	256.1622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10687	68107	Zinc	353.8219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10688	68107	Zinc	285.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10689	68107	Zinc	514.7428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10690	68107	Zinc	320.7584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10691	68107	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10693	68107	Zinc	386.0132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10694	68107	Zinc	224.585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10696	68107	Zinc	492.8132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10697	68107	Zinc	529.0807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10698	68107	Zinc	393.3112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10700	68107	Zinc	392.9908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10702	68107	Zinc	371.8533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10703	68107	Zinc	831.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10704	68107	Zinc	302.7003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10705	68107	Zinc	362.6062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10706	68107	Zinc	196.4343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10707	68107	Zinc	320.6783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10709	68107	Zinc	176.1245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10710	68107	Zinc	409.2244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10712	68107	Zinc	342.154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10713	68107	Zinc	225.9378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10714	68107	Zinc	479.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10715	68107	Zinc	178.2783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10717	68107	Zinc	279.9875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10718	68107	Zinc	402.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10719	68107	Zinc	282.5596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10720	68107	Zinc	502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10721	68107	Zinc	559.492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10722	68107	Zinc	178.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10723	68107	Zinc	239.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10724	68107	Zinc	344.4235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10725	68107	Zinc	1013.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
10726	68107	Zinc	234.9446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10727	68107	Zinc	540.2235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10728	68107	Zinc	269.6991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10729	68107	Zinc	368.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10730	68107	Zinc	346.2213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10731	68107	Zinc	408.9129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10732	68107	Zinc	348.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10733	68107	Zinc	237.8727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10747	68107	Zinc	119.9032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10748	68107	Zinc	230.8862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10750	68107	Zinc	245.4644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10752	68107	Zinc	187.5254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10754	68107	Zinc	331.4295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10755	68107	Zinc	558.3528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10756	68107	Zinc	318.4355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10758	68107	Zinc	122.591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10760	68107	Zinc	689.1205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10761	68107	Zinc	269.5567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10763	68107	Zinc	861.291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10764	68107	Zinc	172.1106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10765	68107	Zinc	166.4947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10766	68107	Zinc	203.7323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10767	68107	Zinc	469.2994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10768	68107	Zinc	181.1174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10770	68107	Zinc	548.9989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10772	68107	Zinc	242.9279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10773	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10774	68107	Zinc	385.2389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10775	68107	Zinc	733.4069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10776	68107	Zinc	100.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
10777	68107	Zinc	174.7984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10779	68107	Zinc	501.6865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10780	68107	Zinc	293.6401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10781	68107	Zinc	375.8672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10783	68107	Zinc	247.2711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10784	68107	Zinc	487.1706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10786	68107	Zinc	436.3872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10787	68107	Zinc	207.4614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10788	68107	Zinc	364.8045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10789	68107	Zinc	349.2206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10790	68107	Zinc	163.6645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10791	68107	Zinc	287.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10792	68107	Zinc	253.7325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10793	68107	Zinc	228.6523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10794	68107	Zinc	372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10795	68107	Zinc	200.5906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10796	68107	Zinc	210.5586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10797	68107	Zinc	268.462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10799	68107	Zinc	247.3067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10800	68107	Zinc	533.1747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10801	68107	Zinc	441.9319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10802	68107	Zinc	313.5227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10803	68107	Zinc	479.2496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10804	68107	Zinc	2305.494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
10805	68107	Zinc	264.4659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10807	68107	Zinc	268.1327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10808	68107	Zinc	262.7126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10809	68107	Zinc	272.3602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10813	68107	Zinc	516.683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10814	68107	Zinc	581.8132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10816	68107	Zinc	546.3556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10817	68107	Zinc	195.6956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10819	68107	Zinc	259.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10820	68107	Zinc	215.2578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10821	68107	Zinc	345.4292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10822	68107	Zinc	297.0043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10823	68107	Zinc	481.7416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10824	68107	Zinc	523.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10825	68107	Zinc	418.8275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10826	68107	Zinc	371.7554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10827	68107	Zinc	262.1252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10828	68107	Zinc	423.5801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10829	68107	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10831	68107	Zinc	470	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10832	68107	Zinc	334.945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10833	68107	Zinc	293.738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10834	68107	Zinc	447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10835	68107	Zinc	332.0258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10836	68107	Zinc	274.247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10837	68107	Zinc	745.7156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10838	68107	Zinc	279.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10839	68107	Zinc	333.6456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10840	68107	Zinc	232.4882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10841	68107	Zinc	339.8845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10842	68107	Zinc	294.6191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10843	68107	Zinc	351.1786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10844	68107	Zinc	232.4615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10847	68107	Zinc	277.3976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10848	68107	Zinc	212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10850	68107	Zinc	177.0412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10851	68107	Zinc	550.681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10854	68107	Zinc	406.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10855	68107	Zinc	260.007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10856	68107	Zinc	296.7373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10857	68107	Zinc	267.2961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10858	68107	Zinc	500.5117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
10871	68107	Zinc	399.0428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10873	68107	Zinc	260.5588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10874	68107	Zinc	538.8796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10875	68107	Zinc	564.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
10876	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10877	68107	Zinc	340.9258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10880	68107	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10881	68107	Zinc	243.2661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10882	68107	Zinc	368.7739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10883	68107	Zinc	473.3756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10884	68107	Zinc	117.0552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10885	68107	Zinc	385.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10886	68107	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10887	68107	Zinc	188.5489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10889	68107	Zinc	195.9092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10890	68107	Zinc	349.8792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10891	68107	Zinc	271.1053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10894	68107	Zinc	311.3511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10895	68107	Zinc	292.1538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10896	68107	Zinc	187.7835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10897	68107	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10899	68107	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10902	68107	Zinc	483.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
10903	68107	Zinc	371.1947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10905	68107	Zinc	336.7161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10907	68107	Zinc	96.4962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
10908	68107	Zinc	345.0999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10909	68107	Zinc	627.0341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10910	68107	Zinc	114.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10912	68107	Zinc	317.9104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10913	68107	Zinc	266.771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10914	68107	Zinc	369.7173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10915	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10916	68107	Zinc	359.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10918	68107	Zinc	218.0702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10919	68107	Zinc	800.4239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10920	68107	Zinc	508.8421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10921	68107	Zinc	466.7629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10923	68107	Zinc	222.7071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10924	68107	Zinc	241.5306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
10925	68107	Zinc	802.9604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10926	68107	Zinc	452.5407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10927	68107	Zinc	515.3569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10928	68107	Zinc	178.661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10931	68107	Zinc	197.1196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10932	68107	Zinc	321.7552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10933	68107	Zinc	348.5531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10934	68107	Zinc	432.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10935	68107	Zinc	373.9181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10937	68107	Zinc	154.7645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10938	68107	Zinc	311.4757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10941	68107	Zinc	447.3075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10943	68107	Zinc	294.4322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10944	68107	Zinc	358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10945	68107	Zinc	209.7309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10947	68107	Zinc	362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10948	68107	Zinc	652.7996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10949	68107	Zinc	202.4774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10950	68107	Zinc	391.5045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10951	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10952	68107	Zinc	223.8463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10953	68107	Zinc	103.8387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
10955	68107	Zinc	599.2572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
10956	68107	Zinc	204.2307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10961	68107	Zinc	641.4877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10962	68107	Zinc	347.4851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10964	68107	Zinc	168.5506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10965	68107	Zinc	709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10967	68107	Zinc	363.425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10968	68107	Zinc	283.236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10970	68107	Zinc	228.5455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
10972	68107	Zinc	577.8794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
10973	68107	Zinc	391.6469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
10974	68107	Zinc	514.7784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10975	68107	Zinc	164.5278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
10977	68107	Zinc	350.698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
10978	68107	Zinc	297.4493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10979	68107	Zinc	455.0505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10982	68107	Zinc	286.3065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
10985	68107	Zinc	329.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10986	68107	Zinc	770.9649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
10988	68107	Zinc	509.5363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
10989	68107	Zinc	428.8044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
10990	68107	Zinc	212.8192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10991	68107	Zinc	318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
10992	68107	Zinc	442.2167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
10994	68107	Zinc	174.9052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
10995	68107	Zinc	591.8346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE																		
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11010	68107	Zinc	429.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11011	68107	Zinc	1231.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11012	68107	Zinc	261.8582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11013	68107	Zinc	1495.861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11014	68107	Zinc	136.2525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11016	68107	Zinc	486.9036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11017	68107	Zinc	532.703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11020	68107	Zinc	195.7401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11021	68107	Zinc	373.8647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11023	68107	Zinc	199.8786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11024	68107	Zinc	309.9182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11025	68107	Zinc	350.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11026	68107	Zinc	305.9488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11029	68107	Zinc	392.6259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11030	68107	Zinc	136.2881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11031	68107	Zinc	755.0161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11033	68107	Zinc	293.7291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11034	68107	Zinc	339.2437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11035	68107	Zinc	327.5402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11036	68107	Zinc	410.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11037	68107	Zinc	283.2093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11038	68107	Zinc	633.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11039	68107	Zinc	198.4546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11040	68107	Zinc	278.5457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11041	68107	Zinc	486.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11042	68107	Zinc	320.349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11043	68107	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11044	68107	Zinc	195.8291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11045	68107	Zinc	408.904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11046	68107	Zinc	212.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11047	68107	Zinc	214.4034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11048	68107	Zinc	429.3028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11050	68107	Zinc	1112.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11051	68107	Zinc	430.0326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11052	68107	Zinc	501.9179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11053	68107	Zinc	433.7973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11054	68107	Zinc	117.5269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11055	68107	Zinc	564.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11056	68107	Zinc	404.4718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11057	68107	Zinc	227.3173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11058	68107	Zinc	402.8253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11059	68107	Zinc	383.6992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11061	68107	Zinc	167.9899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11062	68107	Zinc	369.5927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11063	68107	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11064	68107	Zinc	266.6731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11066	68107	Zinc	189.4478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11067	68107	Zinc	113.4418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11068	68107	Zinc	529.1074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11069	68107	Zinc	322.3515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11070	68107	Zinc	368.8273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11071	68107	Zinc	324.6032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11074	68107	Zinc	407.1418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11078	68107	Zinc	437.8379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11080	68107	Zinc	286.5023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11082	68107	Zinc	288.0331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11083	68107	Zinc	212.7569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11084	68107	Zinc	199.9053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11085	68107	Zinc	608.0148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11086	68107	Zinc	342.8215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11087	68107	Zinc	244.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11088	68107	Zinc	428.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11089	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11090	68107	Zinc	384.5892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11091	68107	Zinc	191.299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11092	68107	Zinc	529.588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11094	68107	Zinc	333.6723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11095	68107	Zinc	93.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11096	68107	Zinc	505.825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11097	68107	Zinc	316.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11098	68107	Zinc	237.6947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11100	68107	Zinc	287.2232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11101	68107	Zinc	260.5232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11103	68107	Zinc	133.7071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11104	68107	Zinc	174.4246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11105	68107	Zinc	482.7384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11106	68107	Zinc	198.9797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11107	68107	Zinc	344.1743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11110	68107	Zinc	622.0056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11112	68107	Zinc	148.6947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11113	68107	Zinc	358.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11114	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11115	68107	Zinc	359.331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11116	68107	Zinc	207.4169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11118	68107	Zinc	621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11119	68107	Zinc	480.7982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11122	68107	Zinc	368.8629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11123	68107	Zinc	239.1187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11137	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11139	68107	Zinc	451.5172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11140	68107	Zinc	248.9799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11141	68107	Zinc	321.0788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11142	68107	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11143	68107	Zinc	155.1027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11144	68107	Zinc	278.8661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11145	68107	Zinc	285.6301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11146	68107	Zinc	100.4478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
11147	68107	Zinc	220.402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11148	68107	Zinc	177.3616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11149	68107	Zinc	155.3875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11150	68107	Zinc	529.321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11151	68107	Zinc	125.3767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11152	68107	Zinc	353.2523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11153	68107	Zinc	252.086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11154	68107	Zinc	296.2389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11155	68107	Zinc	177.1569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11156	68107	Zinc	207.2122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11157	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11158	68107	Zinc	141.3967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11159	68107	Zinc	367.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11160	68107	Zinc	220.1973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11162	68107	Zinc	351.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11163	68107	Zinc	161.7955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11165	68107	Zinc	127.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11166	68107	Zinc	132.3276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11167	68107	Zinc	355.6553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11168	68107	Zinc	172.0661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11169	68107	Zinc	403.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11170	68107	Zinc	304.4803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11171	68107	Zinc	293.6668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11172	68107	Zinc	202.5308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11173	68107	Zinc	992.833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
11174	68107	Zinc	194.3339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11177	68107	Zinc	289.6618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11178	68107	Zinc	217.5896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11179	68107	Zinc	176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11180	68107	Zinc	345.8564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11185	68107	Zinc	739.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11186	68107	Zinc	125.7683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11187	68107	Zinc	197.3421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11188	68107	Zinc	261.3598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11189	68107	Zinc	804.2509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11190	68107	Zinc	222.6626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11191	68107	Zinc	328.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11192	68107	Zinc	451.1701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11193	68107	Zinc	282.5151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11194	68107	Zinc	337.2946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11195	68107	Zinc	231.7762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11196	68107	Zinc	881.3427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11197	68107	Zinc	439.9205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11198	68107	Zinc	131.6245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11200	68107	Zinc	699.1419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11202	68107	Zinc	307.2215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11203	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11204	68107	Zinc	350.8048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11205	68107	Zinc	201.7476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11206	68107	Zinc	294.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11208	68107	Zinc	171.5054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11209	68107	Zinc	272.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11210	68107	Zinc	284.3129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11211	68107	Zinc	293.4977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11212	68107	Zinc	273.1612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11213	68107	Zinc	258.9568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11214	68107	Zinc	435.2836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11215	68107	Zinc	161.7955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11216	68107	Zinc	431.8037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11218	68107	Zinc	233.3515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11219	68107	Zinc	343.8717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11220	68107	Zinc	227.1482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11221	68107	Zinc	226.899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11222	68107	Zinc	461.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11223	68107	Zinc	253.2252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11224	68107	Zinc	404.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11225	68107	Zinc	223.339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11226	68107	Zinc	259.3217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11227	68107	Zinc	139.4565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11228	68107	Zinc	368.8807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11229	68107	Zinc	169.494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11230	68107	Zinc	148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11231	68107	Zinc	488.9061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11232	68107	Zinc	111.6084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11233	68107	Zinc	119.9566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11234	68107	Zinc	189.7148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11235	68107	Zinc	298.0367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11236	68107	Zinc	237.9973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11237	68107	Zinc	253.0828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11250	68107	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11251	68107	Zinc	170.8646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11252	68107	Zinc	173.9262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11253	68107	Zinc	480.5223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11254	68107	Zinc	296.3368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11256	68107	Zinc	448.6158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11257	68107	Zinc	157.1052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11258	68107	Zinc	453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11260	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11261	68107	Zinc	404.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11262	68107	Zinc	123.6946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11263	68107	Zinc	239.8485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11264	68107	Zinc	240.1066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11265	68107	Zinc	148.3298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11267	68107	Zinc	284.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11268	68107	Zinc	259.7133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11269	68107	Zinc	580.051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
11270	68107	Zinc	199.4336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11272	68107	Zinc	368.1509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11273	68107	Zinc	237.5256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11275	68107	Zinc	1725.837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11276	68107	Zinc	254.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11277	68107	Zinc	385.2834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11278	68107	Zinc	545.7771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11279	68107	Zinc	219.5298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11282	68107	Zinc	171.9059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11283	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11285	68107	Zinc	518.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11286	68107	Zinc	244.1472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11287	68107	Zinc	200.4393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11288	68107	Zinc	292.3229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11289	68107	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11291	68107	Zinc	423.7848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11293	68107	Zinc	332.1415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11294	68107	Zinc	216.397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11296	68107	Zinc	253.2697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11297	68107	Zinc	279.7917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11298	68107	Zinc	410.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11299	68107	Zinc	249.7631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11300	68107	Zinc	328.626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11301	68107	Zinc	402.6028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11302	68107	Zinc	504.1607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11303	68107	Zinc	314.2525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11305	68107	Zinc	395.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11306	68107	Zinc	502.1048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11308	68107	Zinc	252.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11309	68107	Zinc	580.0421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
11311	68107	Zinc	406.9193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11312	68107	Zinc	195.7045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11313	68107	Zinc	371.2659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11314	68107	Zinc	382.8003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11315	68107	Zinc	351.3299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11316	68107	Zinc	899.4987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11317	68107	Zinc	205.6458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11318	68107	Zinc	160.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11319	68107	Zinc	274.425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11321	68107	Zinc	192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11322	68107	Zinc	170.9536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11323	68107	Zinc	678.485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11324	68107	Zinc	523.4114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11326	68107	Zinc	426.2145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11327	68107	Zinc	312.0453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11329	68107	Zinc	389.9025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11330	68107	Zinc	183.734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11331	68107	Zinc	455.2196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11332	68107	Zinc	490.5437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11333	68107	Zinc	271.2922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11334	68107	Zinc	315.2671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11335	68107	Zinc	504.9261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11336	68107	Zinc	625.5834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11337	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11338	68107	Zinc	230.3255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11339	68107	Zinc	147.7602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11340	68107	Zinc	535.4086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11341	68107	Zinc	235.4964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11342	68107	Zinc	245.2775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11343	68107	Zinc	288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11345	68107	Zinc	548.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11346	68107	Zinc	335.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11347	68107	Zinc	209.1168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11348	68107	Zinc	290.8099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11349	68107	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11350	68107	Zinc	350.8938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11352	68107	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11354	68107	Zinc	218.1058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11355	68107	Zinc	199.8341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11356	68107	Zinc	155.254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11357	68107	Zinc	370.0377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11372	68107	Zinc	1322.667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11373	68107	Zinc	569.5846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11374	68107	Zinc	168.2836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11376	68107	Zinc	115.0616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11377	68107	Zinc	1274.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11378	68107	Zinc	251.7211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11380	68107	Zinc	130.6989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11381	68107	Zinc	287.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11382	68107	Zinc	233.6719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11384	68107	Zinc	161.6442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11385	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11386	68107	Zinc	149.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11387	68107	Zinc	122.8224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11388	68107	Zinc	285.3275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11389	68107	Zinc	272.0843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11390	68107	Zinc	189.3321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11391	68107	Zinc	250.5463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11392	68107	Zinc	292.9637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11393	68107	Zinc	169.3516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11395	68107	Zinc	161.2971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11396	68107	Zinc	152.317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11397	68107	Zinc	599.9781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11398	68107	Zinc	298.8733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11399	68107	Zinc	386.6451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11400	68107	Zinc	549.4261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11401	68107	Zinc	100.5813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11402	68107	Zinc	193.1858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11403	68107	Zinc	229.5868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11404	68107	Zinc	267.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11405	68107	Zinc	269.3965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11407	68107	Zinc	255.0497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11408	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11409	68107	Zinc	108.2976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11410	68107	Zinc	213.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11411	68107	Zinc	122.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11413	68107	Zinc	184.3392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11414	68107	Zinc	365.9971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11415	68107	Zinc	249.4071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11416	68107	Zinc	534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11417	68107	Zinc	179.907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11418	68107	Zinc	531.1544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11419	68107	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11420	68107	Zinc	367.6169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11421	68107	Zinc	300.6711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11422	68107	Zinc	570.2788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
11423	68107	Zinc	238.6025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11424	68107	Zinc	218.4084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11425	68107	Zinc	797.6204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11426	68107	Zinc	449.9508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11427	68107	Zinc	495.6701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11428	68107	Zinc	356.8657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11429	68107	Zinc	315.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11430	68107	Zinc	376.8729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11431	68107	Zinc	238.8072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11433	68107	Zinc	152.7175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11434	68107	Zinc	113.0324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11435	68107	Zinc	232.9065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11436	68107	Zinc	328.8129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11437	68107	Zinc	221.6391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11439	68107	Zinc	575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
11440	68107	Zinc	371.5952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11441	68107	Zinc	227.4686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11442	68107	Zinc	297.6006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11443	68107	Zinc	456.8661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11444	68107	Zinc	562.9719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11445	68107	Zinc	478.9292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11446	68107	Zinc	387.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11447	68107	Zinc	386.5739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11448	68107	Zinc	173.4456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11449	68107	Zinc	414.867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11450	68107	Zinc	210.1492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11451	68107	Zinc	390.4899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11452	68107	Zinc	240.3825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11453	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11455	68107	Zinc	296.9153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11456	68107	Zinc	256.4648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11457	68107	Zinc	306.3315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11458	68107	Zinc	407.4711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11460	68107	Zinc	542.3506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11461	68107	Zinc	589.9211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
11462	68107	Zinc	174.7272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11463	68107	Zinc	372.7077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11464	68107	Zinc	180.5923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11465	68107	Zinc	444.2637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11468	68107	Zinc	272.9031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11469	68107	Zinc	467.2257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11471	68107	Zinc	273.3303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11472	68107	Zinc	496.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11484	68107	Zinc	79.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
11485	68107	Zinc	169.9123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11486	68107	Zinc	230.2543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11489	68107	Zinc	383.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11490	68107	Zinc	449.4435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11491	68107	Zinc	254.2309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11492	68107	Zinc	255.4858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11493	68107	Zinc	1210.883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11494	68107	Zinc	381.7056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11496	68107	Zinc	130.9214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11498	68107	Zinc	355.7799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11499	68107	Zinc	125.6704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11500	68107	Zinc	171.9504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11501	68107	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11502	68107	Zinc	193.5062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11503	68107	Zinc	498.5448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11504	68107	Zinc	396.0702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11505	68107	Zinc	164.3142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11506	68107	Zinc	389.1371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11508	68107	Zinc	519.9849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11510	68107	Zinc	127.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11512	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11514	68107	Zinc	209.6953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11515	68107	Zinc	371.7109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11516	68107	Zinc	464.0395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11517	68107	Zinc	808.2648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11518	68107	Zinc	340.6232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11519	68107	Zinc	251.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11520	68107	Zinc	142.9987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11521	68107	Zinc	207.7551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11522	68107	Zinc	280.8864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11523	68107	Zinc	527.6389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11525	68107	Zinc	156.945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11526	68107	Zinc	447.7436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11527	68107	Zinc	202.8957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11529	68107	Zinc	262.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11530	68107	Zinc	168.0166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11531	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11533	68107	Zinc	301.3119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11534	68107	Zinc	3511.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
11535	68107	Zinc	435.9689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11536	68107	Zinc	383.984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11538	68107	Zinc	324.6032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11539	68107	Zinc	1165.137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11540	68107	Zinc	250.5196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11541	68107	Zinc	237.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11542	68107	Zinc	120.2503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11544	68107	Zinc	400.716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11546	68107	Zinc	191.6105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11547	68107	Zinc	416.4245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11548	68107	Zinc	230.8595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11550	68107	Zinc	440.8906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11552	68107	Zinc	288.3446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11554	68107	Zinc	381.2606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11556	68107	Zinc	182.7461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11557	68107	Zinc	187.4809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11558	68107	Zinc	238.3889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11559	68107	Zinc	230.0407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11560	68107	Zinc	218.3016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11561	68107	Zinc	352.6115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11563	68107	Zinc	412.286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11564	68107	Zinc	256.8831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11565	68107	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11566	68107	Zinc	301.6145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11568	68107	Zinc	819.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11569	68107	Zinc	324.354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11570	68107	Zinc	872.7186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11571	68107	Zinc	450.3335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11572	68107	Zinc	594.469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11573	68107	Zinc	243.275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11574	68107	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11575	68107	Zinc	323.8111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11576	68107	Zinc	201.1068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11577	68107	Zinc	215.9876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11578	68107	Zinc	386.7519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11579	68107	Zinc	230.6192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11581	68107	Zinc	333.4943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11582	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11583	68107	Zinc	296.9331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11584	68107	Zinc	432.7471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11585	68107	Zinc	172.342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11586	68107	Zinc	298.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11587	68107	Zinc	172.8938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11588	68107	Zinc	119.9566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11589	68107	Zinc	321.5327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11590	68107	Zinc	455.1039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11591	68107	Zinc	315.899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11592	68107	Zinc	440.2943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.

Central Tendency Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11605	68107	Zinc	392.617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11606	68107	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11607	68107	Zinc	360.9597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11608	68107	Zinc	402.3269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11609	68107	Zinc	207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11610	68107	Zinc	205.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11611	68107	Zinc	163.6645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11613	68107	Zinc	347.0935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11614	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11615	68107	Zinc	280.388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11616	68107	Zinc	233.3159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11619	68107	Zinc	216.2368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11620	68107	Zinc	215.6494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11621	68107	Zinc	192.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11622	68107	Zinc	172.1907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11623	68107	Zinc	464.4845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11625	68107	Zinc	223.873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11626	68107	Zinc	186.7511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11627	68107	Zinc	757.9976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11629	68107	Zinc	225.0745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11630	68107	Zinc	225.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11632	68107	Zinc	274.4695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11633	68107	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11634	68107	Zinc	142.9097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11636	68107	Zinc	361.2979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11637	68107	Zinc	390.4632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11638	68107	Zinc	212.6857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11639	68107	Zinc	1184.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11640	68107	Zinc	446.7201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11641	68107	Zinc	222.2621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11642	68107	Zinc	394.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11643	68107	Zinc	257.426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11644	68107	Zinc	296.3279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11645	68107	Zinc	96.0779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
11646	68107	Zinc	443.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11647	68107	Zinc	288.8875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11648	68107	Zinc	182.9686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11649	68107	Zinc	441.211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11652	68107	Zinc	142.4736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11653	68107	Zinc	325.4576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11655	68107	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11658	68107	Zinc	283.7967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11659	68107	Zinc	202.5041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11660	68107	Zinc	393.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11661	68107	Zinc	249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11662	68107	Zinc	470.2339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11663	68107	Zinc	177.1569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11664	68107	Zinc	543.6233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11665	68107	Zinc	180.1206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11666	68107	Zinc	280.9042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11668	68107	Zinc	295.3133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11671	68107	Zinc	239.4925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11674	68107	Zinc	715.9095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11675	68107	Zinc	197.8672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11676	68107	Zinc	244.076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11677	68107	Zinc	160.149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11678	68107	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11680	68107	Zinc	598.5007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11682	68107	Zinc	362.713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11684	68107	Zinc	209.6864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11685	68107	Zinc	187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11687	68107	Zinc	295.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11689	68107	Zinc	460.3193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11690	68107	Zinc	163.798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11691	68107	Zinc	380.7622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11692	68107	Zinc	235.2917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11693	68107	Zinc	551.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11695	68107	Zinc	396.177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11696	68107	Zinc	333.4854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11697	68107	Zinc	258.1291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11698	68107	Zinc	553.2976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11699	68107	Zinc	357.551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11700	68107	Zinc	348.6599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11701	68107	Zinc	266.4417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11703	68107	Zinc	240.8809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11705	68107	Zinc	261.4666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11706	68107	Zinc	409.4736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11707	68107	Zinc	401.5437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11708	68107	Zinc	449.1409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11710	68107	Zinc	168.2925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11711	68107	Zinc	338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11712	68107	Zinc	226.6409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11713	68107	Zinc	248.0899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11714	68107	Zinc	397.1382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11716	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11717	68107	Zinc	526.7311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11718	68107	Zinc	449.5681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11719	68107	Zinc	274.6386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11731	68107	Zinc	344.9931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11732	68107	Zinc	299.9235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11734	68107	Zinc	472.3788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11737	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11738	68107	Zinc	437.4552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11739	68107	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11740	68107	Zinc	489.2621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11741	68107	Zinc	264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11744	68107	Zinc	511.3074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11745	68107	Zinc	97.9469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
11746	68107	Zinc	609.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11747	68107	Zinc	166.9219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11748	68107	Zinc	367.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11749	68107	Zinc	255.9308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11750	68107	Zinc	125.6704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11751	68107	Zinc	362.8732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11753	68107	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11754	68107	Zinc	311.3333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11755	68107	Zinc	679.0813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11756	68107	Zinc	562.8206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11757	68107	Zinc	482.4803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11758	68107	Zinc	224.3269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11760	68107	Zinc	145.4373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11761	68107	Zinc	394.0588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11763	68107	Zinc	192.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11764	68107	Zinc	353.5727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11765	68107	Zinc	127.5216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11767	68107	Zinc	279.0441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11768	68107	Zinc	221.3899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11769	68107	Zinc	129.1681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11770	68107	Zinc	104.8088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11771	68107	Zinc	216.1656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11773	68107	Zinc	285.8259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11774	68107	Zinc	197.7871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11775	68107	Zinc	441.3089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11776	68107	Zinc	263.3445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11777	68107	Zinc	898.3595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11778	68107	Zinc	377.3802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11779	68107	Zinc	316.4152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11780	68107	Zinc	464.2353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11781	68107	Zinc	184.3837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11782	68107	Zinc	290.1157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11785	68107	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11786	68107	Zinc	424.3366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11787	68107	Zinc	144.129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11788	68107	Zinc	287.5703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11791	68107	Zinc	216.4148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11792	68107	Zinc	364.7689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11793	68107	Zinc	319.8417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11795	68107	Zinc	645.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11796	68107	Zinc	1057.447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
11797	68107	Zinc	230.8951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11798	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11799	68107	Zinc	492.5106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11800	68107	Zinc	334.8471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11802	68107	Zinc	284.8113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11803	68107	Zinc	231.1265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11804	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11805	68107	Zinc	501.1436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11806	68107	Zinc	476.4283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11807	68107	Zinc	430.531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11808	68107	Zinc	354.9967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11809	68107	Zinc	294.2275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11812	68107	Zinc	232.7641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11813	68107	Zinc	307.2571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11814	68107	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11815	68107	Zinc	727.257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11816	68107	Zinc	179.6311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11818	68107	Zinc	665.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11819	68107	Zinc	335.6837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11820	68107	Zinc	368.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11821	68107	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11822	68107	Zinc	346.5239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11823	68107	Zinc	402.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11824	68107	Zinc	430.0771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11825	68107	Zinc	453.5553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11826	68107	Zinc	303.0296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11827	68107	Zinc	137.9969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11828	68107	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11829	68107	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11830	68107	Zinc	483.7797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11831	68107	Zinc	505.9496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11833	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11835	68107	Zinc	486.7523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11836	68107	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11837	68107	Zinc	321.6929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11839	68107	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11840	68107	Zinc	512.9272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
11854	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11855	68107	Zinc	472.4233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11858	68107	Zinc	207.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11859	68107	Zinc	364.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11861	68107	Zinc	341.9404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11862	68107	Zinc	204.0972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11865	68107	Zinc	488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11867	68107	Zinc	227.0859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11868	68107	Zinc	269.5745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11869	68107	Zinc	296.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11871	68107	Zinc	315.543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11872	68107	Zinc	170.2772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11875	68107	Zinc	374.0427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11876	68107	Zinc	385.1232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11877	68107	Zinc	850.4508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11880	68107	Zinc	205.2186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11884	68107	Zinc	437.1615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11886	68107	Zinc	615.028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11887	68107	Zinc	441.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11888	68107	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11889	68107	Zinc	314.1813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11890	68107	Zinc	190.0619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11892	68107	Zinc	217.821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11893	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11894	68107	Zinc	198.5792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11895	68107	Zinc	314.0122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11896	68107	Zinc	201.9256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11897	68107	Zinc	302.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11898	68107	Zinc	177.9668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11900	68107	Zinc	121.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11901	68107	Zinc	497.904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
11902	68107	Zinc	187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11903	68107	Zinc	329.2134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11904	68107	Zinc	257.6485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11905	68107	Zinc	111.7241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11906	68107	Zinc	309.4109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11907	68107	Zinc	255.023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11909	68107	Zinc	206.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11910	68107	Zinc	185.3004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11913	68107	Zinc	520.8749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11914	68107	Zinc	283.8145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11915	68107	Zinc	302.905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11916	68107	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11918	68107	Zinc	316.6377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11919	68107	Zinc	514.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11920	68107	Zinc	303.2165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11921	68107	Zinc	314.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11922	68107	Zinc	223.0898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11923	68107	Zinc	298.0367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11924	68107	Zinc	143.8976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11925	68107	Zinc	275.9825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11926	68107	Zinc	244.7168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11927	68107	Zinc	460.9423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11928	68107	Zinc	412.7844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11929	68107	Zinc	227.3885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11930	68107	Zinc	240.0977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11931	68107	Zinc	189.786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11932	68107	Zinc	309.1884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11935	68107	Zinc	162.3117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
11936	68107	Zinc	262.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11937	68107	Zinc	358.2274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11939	68107	Zinc	172.3509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11941	68107	Zinc	381.6967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11945	68107	Zinc	439.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11946	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11947	68107	Zinc	394.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
11948	68107	Zinc	2095.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11949	68107	Zinc	541.2025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
11950	68107	Zinc	503.9738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
11951	68107	Zinc	883.9326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11952	68107	Zinc	443.2313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11953	68107	Zinc	180.1295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11955	68107	Zinc	290.0801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11956	68107	Zinc	207.586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11958	68107	Zinc	264.7685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11959	68107	Zinc	211.502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11960	68107	Zinc	463.3364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11961	68107	Zinc	350.698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11962	68107	Zinc	807.1968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
11964	68107	Zinc	284.3218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11965	68107	Zinc	230.2009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
11966	68107	Zinc	446.8803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
11967	68107	Zinc	187.1338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
11968	68107	Zinc	347.1202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
11970	68107	Zinc	300.3774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11971	68107	Zinc	621.0355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
11973	68107	Zinc	266.0145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11975	68107	Zinc	319.37	3.00E-01	--	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
11993	68107	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
11994	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11995	68107	Zinc	433.5125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
11996	68107	Zinc	1947.269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
11997	68107	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
11998	68107	Zinc	121.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
11999	68107	Zinc	276.2673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12000	68107	Zinc	303.4568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12002	68107	Zinc	310	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12003	68107	Zinc	220.2329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12004	68107	Zinc	131.3575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12005	68107	Zinc	164.6791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12006	68107	Zinc	141.1386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12007	68107	Zinc	483.5928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12008	68107	Zinc	757.2678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12009	68107	Zinc	382.3375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12012	68107	Zinc	268.8269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12014	68107	Zinc	390.0894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12015	68107	Zinc	353.1989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12016	68107	Zinc	467.0388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12017	68107	Zinc	540.1434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12018	68107	Zinc	146.1671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12019	68107	Zinc	237.8905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12020	68107	Zinc	237.0272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12021	68107	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12022	68107	Zinc	236.3241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12024	68107	Zinc	730.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12025	68107	Zinc	162.6143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12026	68107	Zinc	296.3012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12030	68107	Zinc	379.2225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12031	68107	Zinc	278.0117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12032	68107	Zinc	338.6652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12034	68107	Zinc	229.4978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12035	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12036	68107	Zinc	483.9221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12037	68107	Zinc	672.255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12038	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12039	68107	Zinc	178.4652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12041	68107	Zinc	362.4994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12042	68107	Zinc	440.3922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12043	68107	Zinc	238.1308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12044	68107	Zinc	195.1705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12047	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12048	68107	Zinc	654.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12049	68107	Zinc	203.403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12050	68107	Zinc	152.139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12051	68107	Zinc	292.0203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12052	68107	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12053	68107	Zinc	587.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
12054	68107	Zinc	239.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12055	68107	Zinc	202.5486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12056	68107	Zinc	429.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12057	68107	Zinc	391.8694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12058	68107	Zinc	250.1814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12059	68107	Zinc	327.6737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12060	68107	Zinc	308.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12061	68107	Zinc	174.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12062	68107	Zinc	183.022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12067	68107	Zinc	266.8956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12068	68107	Zinc	278.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12071	68107	Zinc	469.3439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12074	68107	Zinc	185.4072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12075	68107	Zinc	226.3116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12076	68107	Zinc	200.9555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12077	68107	Zinc	391.905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12078	68107	Zinc	170.5887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12080	68107	Zinc	212.5789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12081	68107	Zinc	452.7187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12082	68107	Zinc	291.068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12084	68107	Zinc	210.7277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12085	68107	Zinc	196.5589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12086	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12087	68107	Zinc	210.0068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12088	68107	Zinc	133.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12090	68107	Zinc	284.3307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12091	68107	Zinc	360.6037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12092	68107	Zinc	220.9716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12093	68107	Zinc	433.9041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12094	68107	Zinc	440.6414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12095	68107	Zinc	407.4889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12096	68107	Zinc	90.3819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
12098	68107	Zinc	174.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12099	68107	Zinc	237.8638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12102	68107	Zinc	303.4479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12103	68107	Zinc	203.0025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12104	68107	Zinc	205.2453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12105	68107	Zinc	266.5218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12106	68107	Zinc	258.583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
12119	68107	Zinc	155.3519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12121	68107	Zinc	302.7448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12122	68107	Zinc	167.1444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12124	68107	Zinc	236.4487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12125	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12126	68107	Zinc	248.6862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12127	68107	Zinc	338.3982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12129	68107	Zinc	1543.031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
12131	68107	Zinc	149.7894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12132	68107	Zinc	206.6337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12133	68107	Zinc	212.214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12134	68107	Zinc	265.703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12135	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12136	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12137	68107	Zinc	154.7645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12138	68107	Zinc	130.8146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12139	68107	Zinc	330.2903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12141	68107	Zinc	903.9843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12142	68107	Zinc	503.333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12143	68107	Zinc	148.0183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12144	68107	Zinc	335.3811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12146	68107	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12147	68107	Zinc	366.9672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12148	68107	Zinc	258.7165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12149	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12151	68107	Zinc	405.1037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12152	68107	Zinc	253.2608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12153	68107	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12155	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12156	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12158	68107	Zinc	361.0487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12159	68107	Zinc	1196.287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
12162	68107	Zinc	430.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12164	68107	Zinc	280.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12165	68107	Zinc	554.7839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12166	68107	Zinc	387.3482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12167	68107	Zinc	261.342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12168	68107	Zinc	119.7252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12169	68107	Zinc	653.2357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12170	68107	Zinc	188.9049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12171	68107	Zinc	217.8922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12172	68107	Zinc	352.1843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12173	68107	Zinc	347.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12175	68107	Zinc	293.7113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12178	68107	Zinc	448.7582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12179	68107	Zinc	325.5644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12180	68107	Zinc	320.9631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12181	68107	Zinc	259.5353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12182	68107	Zinc	373.3663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12184	68107	Zinc	282.7198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12186	68107	Zinc	180.5122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12187	68107	Zinc	693.9532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12190	68107	Zinc	267.2516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12191	68107	Zinc	305.6996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12192	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12194	68107	Zinc	388.2916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12195	68107	Zinc	304.5871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12197	68107	Zinc	231.8118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12198	68107	Zinc	150.5103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12199	68107	Zinc	174.745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12200	68107	Zinc	122.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12202	68107	Zinc	385.7551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12205	68107	Zinc	334.0995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12206	68107	Zinc	348.4285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12209	68107	Zinc	162.9436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12211	68107	Zinc	261.5912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12214	68107	Zinc	199.9053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12215	68107	Zinc	348.651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12217	68107	Zinc	287.9174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12218	68107	Zinc	300.5465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12220	68107	Zinc	262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12221	68107	Zinc	246.5858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12222	68107	Zinc	240.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12223	68107	Zinc	356.6877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12224	68107	Zinc	183.1021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12226	68107	Zinc	263.5136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12227	68107	Zinc	240	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12228	68107	Zinc	363.781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12231	68107	Zinc	345.6962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12232	68107	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12233	68107	Zinc	376.8907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12234	68107	Zinc	176.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12238	68107	Zinc	206.8028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12239	68107	Zinc	433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12240	68107	Zinc	193.3727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12242	68107	Zinc	650.5123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12243	68107	Zinc	285.0249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12245	68107	Zinc	215.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
12262	68107	Zinc	499.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12263	68107	Zinc	205.005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12264	68107	Zinc	148.6591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12265	68107	Zinc	257.1234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12266	68107	Zinc	197.2531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12268	68107	Zinc	469.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12269	68107	Zinc	357.6756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12270	68107	Zinc	505.2287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12271	68107	Zinc	267.0558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12272	68107	Zinc	200.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12273	68107	Zinc	467.911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12275	68107	Zinc	151.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12277	68107	Zinc	294.8594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12278	68107	Zinc	127.397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12279	68107	Zinc	269.1384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12280	68107	Zinc	185.7009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12281	68107	Zinc	349.0248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12282	68107	Zinc	191.0142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12283	68107	Zinc	158.547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12285	68107	Zinc	228.6701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12286	68107	Zinc	137.1336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12288	68107	Zinc	194.5208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12289	68107	Zinc	173.2676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12290	68107	Zinc	322.0845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12291	68107	Zinc	277.4243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12292	68107	Zinc	197.6091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12294	68107	Zinc	319.4056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12295	68107	Zinc	282.8978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12296	68107	Zinc	411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12297	68107	Zinc	363.6208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12298	68107	Zinc	224.2201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12300	68107	Zinc	156.1351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12301	68107	Zinc	562.2065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12303	68107	Zinc	313.3447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12304	68107	Zinc	226.009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12305	68107	Zinc	222.6804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12306	68107	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12307	68107	Zinc	388.5141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12308	68107	Zinc	276.3207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12310	68107	Zinc	221.2564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12311	68107	Zinc	279.142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12312	68107	Zinc	174.389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12313	68107	Zinc	183.7251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12315	68107	Zinc	207.3813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12316	68107	Zinc	630.5496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
12318	68107	Zinc	174.6204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12319	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12320	68107	Zinc	334.0995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12323	68107	Zinc	603.0575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
12324	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12327	68107	Zinc	231.794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12330	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12331	68107	Zinc	592.1906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
12333	68107	Zinc	326.9172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12334	68107	Zinc	464.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12335	68107	Zinc	236.5377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12336	68107	Zinc	204.2218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12338	68107	Zinc	145.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12339	68107	Zinc	453.7511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12341	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12342	68107	Zinc	152.9489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12343	68107	Zinc	109.7216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12344	68107	Zinc	271.1409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12345	68107	Zinc	279.4624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12346	68107	Zinc	154.9069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12350	68107	Zinc	166.0586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12351	68107	Zinc	302.1396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12354	68107	Zinc	818.3663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12355	68107	Zinc	504.9261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12356	68107	Zinc	217.2692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12358	68107	Zinc	140.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12360	68107	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12362	68107	Zinc	221.1763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12363	68107	Zinc	714.3965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12364	68107	Zinc	805.4524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12365	68107	Zinc	235.4697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12366	68107	Zinc	144.3426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12371	68107	Zinc	188.4688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12372	68107	Zinc	407.8538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12374	68107	Zinc	167.0821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12376	68107	Zinc	301.6501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12377	68107	Zinc	357.7468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12378	68107	Zinc	133.1464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12380	68107	Zinc	216.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12383	68107	Zinc	332.5598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12385	68107	Zinc	423.8204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12386	68107	Zinc	240.7474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12387	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE									CTE										
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
12401	68107	Zinc	264.0565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12403	68107	Zinc	992.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
12404	68107	Zinc	500.9389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12405	68107	Zinc	183.8853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12407	68107	Zinc	225.2258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12410	68107	Zinc	257.3993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12411	68107	Zinc	536.619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12414	68107	Zinc	558.2549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12418	68107	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12419	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12420	68107	Zinc	273.0366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12421	68107	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12422	68107	Zinc	186.1904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12424	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12425	68107	Zinc	157.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12426	68107	Zinc	319.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12428	68107	Zinc	464.7871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12429	68107	Zinc	2216.761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
12430	68107	Zinc	434.7763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12431	68107	Zinc	471.115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12432	68107	Zinc	326.6413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12433	68107	Zinc	1440.147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
12437	68107	Zinc	266.7176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12439	68107	Zinc	311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12440	68107	Zinc	354.525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12442	68107	Zinc	466.5315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12443	68107	Zinc	212.1873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12444	68107	Zinc	395.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12445	68107	Zinc	352.2555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12446	68107	Zinc	278.7771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12448	68107	Zinc	209.2147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12449	68107	Zinc	331.9991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12452	68107	Zinc	476.6419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12453	68107	Zinc	259.5976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12456	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12457	68107	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12458	68107	Zinc	212.2496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12459	68107	Zinc	300.3774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12460	68107	Zinc	364.4218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12461	68107	Zinc	376.6682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12462	68107	Zinc	532.9077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12464	68107	Zinc	389.5287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12465	68107	Zinc	722.5222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12466	68107	Zinc	381.1093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12469	68107	Zinc	309.8025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12470	68107	Zinc	199.3802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12471	68107	Zinc	361.9298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12472	68107	Zinc	353.3413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12473	68107	Zinc	267.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12474	68107	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12477	68107	Zinc	236.8047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12478	68107	Zinc	170.3662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12479	68107	Zinc	237.8549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12480	68107	Zinc	540.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12481	68107	Zinc	455.1217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12482	68107	Zinc	457.7739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12483	68107	Zinc	366.4955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12484	68107	Zinc	311.4846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12485	68107	Zinc	300.5376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12486	68107	Zinc	290.3115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12487	68107	Zinc	155.5566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12489	68107	Zinc	516.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12490	68107	Zinc	293.382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12491	68107	Zinc	356.5364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12493	68107	Zinc	381.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12494	68107	Zinc	324.4786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12496	68107	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12497	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12498	68107	Zinc	176.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12499	68107	Zinc	253.9817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12500	68107	Zinc	361.9743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12501	68107	Zinc	376.063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12502	68107	Zinc	328.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12505	68107	Zinc	265.6941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12506	68107	Zinc	386.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12510	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12514	68107	Zinc	183.4225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12515	68107	Zinc	270.5001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12516	68107	Zinc	681.9382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12517	68107	Zinc	899.5521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12518	68107	Zinc	352.6916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12519	68107	Zinc	291.2549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12520	68107	Zinc	211.6266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12521	68107	Zinc	248.6684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12522	68107	Zinc	268.3819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12524	68107	Zinc	618.5791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
12526	68107	Zinc	377.6472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12527	68107	Zinc	178.305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
12546	68107	Zinc	213.4511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12547	68107	Zinc	270.1352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12548	68107	Zinc	389.7779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12549	68107	Zinc	177.3171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12550	68107	Zinc	450.0576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12551	68107	Zinc	250.9379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12554	68107	Zinc	247.6271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12555	68107	Zinc	247.2444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12556	68107	Zinc	253.777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12558	68107	Zinc	365.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12559	68107	Zinc	344.1743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12560	68107	Zinc	577.559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
12561	68107	Zinc	346.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12564	68107	Zinc	373.3841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12565	68107	Zinc	252.4687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12566	68107	Zinc	214.1453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12567	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12569	68107	Zinc	259.4908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12572	68107	Zinc	731.9651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12573	68107	Zinc	476.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12574	68107	Zinc	354.7831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12575	68107	Zinc	318.7292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12577	68107	Zinc	617.4221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
12579	68107	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12580	68107	Zinc	238.8606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12581	68107	Zinc	203.848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12582	68107	Zinc	232.2568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12583	68107	Zinc	336.8496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12584	68107	Zinc	124.9762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12585	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12586	68107	Zinc	391.2019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12588	68107	Zinc	383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12589	68107	Zinc	382.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12590	68107	Zinc	446.8091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12593	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12594	68107	Zinc	577.1318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
12595	68107	Zinc	309.4376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12599	68107	Zinc	163.6734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12600	68107	Zinc	143.0165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12602	68107	Zinc	131.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12603	68107	Zinc	125.1809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12604	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12605	68107	Zinc	114.2784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12606	68107	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12609	68107	Zinc	251.7211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12610	68107	Zinc	496.6313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12611	68107	Zinc	150.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12612	68107	Zinc	265.9077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12613	68107	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12614	68107	Zinc	235.0247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12615	68107	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12617	68107	Zinc	249.9856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12618	68107	Zinc	505.2643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12623	68107	Zinc	255.023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12624	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12625	68107	Zinc	421.0703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12626	68107	Zinc	235.8969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12627	68107	Zinc	318.1774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12628	68107	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12632	68107	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12635	68107	Zinc	334.1351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12644	68107	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12645	68107	Zinc	505.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12647	68107	Zinc	208.9833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12648	68107	Zinc	485.5241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12649	68107	Zinc	298.6508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12652	68107	Zinc	272.0309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12653	68107	Zinc	236.7424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12654	68107	Zinc	488.381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12655	68107	Zinc	304.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12656	68107	Zinc	627.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
12657	68107	Zinc	400.3333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12659	68107	Zinc	537.598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12661	68107	Zinc	204.738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12663	68107	Zinc	445.1893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12665	68107	Zinc	306.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12666	68107	Zinc	392.1453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12667	68107	Zinc	445.8746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12668	68107	Zinc	500.574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12670	68107	Zinc	480.7359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12671	68107	Zinc	310.7459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12674	68107	Zinc	570.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
12676	68107	Zinc	542.048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12677	68107	Zinc	374.6924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12678	68107	Zinc	313.4515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12679	68107	Zinc	192.011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12682	68107	Zinc	166.9575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12684	68107	Zinc	198.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
12707	68107	Zinc	252.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12709	68107	Zinc	267.2071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12710	68107	Zinc	457.1687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12711	68107	Zinc	256.9543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12713	68107	Zinc	713.0348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12714	68107	Zinc	186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12716	68107	Zinc	250.1903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12718	68107	Zinc	171.8347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12721	68107	Zinc	558.9758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12723	68107	Zinc	492.0834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12725	68107	Zinc	327.9941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12726	68107	Zinc	182.9063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12727	68107	Zinc	202.3884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12729	68107	Zinc	259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12732	68107	Zinc	190.231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12733	68107	Zinc	457.5959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12735	68107	Zinc	327.6025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12736	68107	Zinc	409.0909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12737	68107	Zinc	329.7296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12738	68107	Zinc	320.1265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12739	68107	Zinc	420.5808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12740	68107	Zinc	902.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12741	68107	Zinc	271.4613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12742	68107	Zinc	305.6017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12744	68107	Zinc	306.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12747	68107	Zinc	138.0681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12748	68107	Zinc	298.9178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12749	68107	Zinc	169.9479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12751	68107	Zinc	552.3631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12753	68107	Zinc	501.4195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12755	68107	Zinc	235.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12759	68107	Zinc	346.7998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12760	68107	Zinc	204.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12761	68107	Zinc	353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12764	68107	Zinc	319.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12766	68107	Zinc	413.9948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12769	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12772	68107	Zinc	277.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12774	68107	Zinc	162.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
12783	68107	Zinc	648.1271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12785	68107	Zinc	242.4473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12787	68107	Zinc	211.2083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12789	68107	Zinc	381.9548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12791	68107	Zinc	364.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12792	68107	Zinc	437.918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12794	68107	Zinc	328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12796	68107	Zinc	434.4114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12798	68107	Zinc	369.4414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12800	68107	Zinc	401.428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12810	68107	Zinc	238.2287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12811	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12812	68107	Zinc	327.8873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12815	68107	Zinc	169.227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12818	68107	Zinc	219.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12820	68107	Zinc	808.7365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12823	68107	Zinc	457.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12826	68107	Zinc	291.4863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12827	68107	Zinc	206.7583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12830	68107	Zinc	308.6366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12831	68107	Zinc	271.6749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12833	68107	Zinc	484.5807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12834	68107	Zinc	562.3845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12835	68107	Zinc	368.7294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12840	68107	Zinc	996.126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
12844	68107	Zinc	334.5623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12845	68107	Zinc	217.7053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12847	68107	Zinc	793.9892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12848	68107	Zinc	378.4393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12850	68107	Zinc	336.8763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12851	68107	Zinc	279.0263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12856	68107	Zinc	286.2887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12858	68107	Zinc	204.2218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12865	68107	Zinc	265.258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12870	68107	Zinc	359.0907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12871	68107	Zinc	488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12874	68107	Zinc	410.7908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
12876	68107	Zinc	213.8071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12877	68107	Zinc	323.5085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12879	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12884	68107	Zinc	167.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12885	68107	Zinc	313.3714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12888	68107	Zinc	331.2248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12891	68107	Zinc	299.4696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12893	68107	Zinc	205.984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12894	68107	Zinc	180.619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12897	68107	Zinc	546.6671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
12898	68107	Zinc	226.5163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12901	68107	Zinc	377.4781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
12916	68107	Zinc	175.8753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12920	68107	Zinc	458.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12921	68107	Zinc	387.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12927	68107	Zinc	287.2855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12929	68107	Zinc	230.6637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12934	68107	Zinc	272.0042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12944	68107	Zinc	156.1618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12948	68107	Zinc	253.0116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12951	68107	Zinc	437.5709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12954	68107	Zinc	262.5168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12959	68107	Zinc	171.8792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12970	68107	Zinc	246.1052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12979	68107	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12981	68107	Zinc	395.5362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12985	68107	Zinc	255.4591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12988	68107	Zinc	303.6793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12989	68107	Zinc	246.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12990	68107	Zinc	266.4862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12992	68107	Zinc	440.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
12993	68107	Zinc	503.3953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12994	68107	Zinc	228.2874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12997	68107	Zinc	471.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12998	68107	Zinc	310.2564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13004	68107	Zinc	310.5946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13006	68107	Zinc	419.1657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13018	68107	Zinc	181.509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13021	68107	Zinc	240.6406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13022	68107	Zinc	252.8959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13024	68107	Zinc	1393.867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
13026	68107	Zinc	330.4861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13028	68107	Zinc	231.883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13037	68107	Zinc	368.5692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13038	68107	Zinc	400	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13039	68107	Zinc	412.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13040	68107	Zinc	619.5314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13042	68107	Zinc	443.2402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13043	68107	Zinc	279.2577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13044	68107	Zinc	474.6572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13045	68107	Zinc	261.5912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13051	68107	Zinc	324.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18847	68107	Zinc	221.1585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43664	68107	Zinc	135.7007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43665	68107	Zinc	165.8094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43666	68107	Zinc	184.6596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43667	68107	Zinc	236.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43668	68107	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43669	68107	Zinc	162.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43671	68107	Zinc	219.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43673	68107	Zinc	245.8471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43674	68107	Zinc	232.2568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43675	68107	Zinc	138.7623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43676	68107	Zinc	241.7353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43677	68107	Zinc	166.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43678	68107	Zinc	142.2422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43679	68107	Zinc	253.3053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43680	68107	Zinc	241.3882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43681	68107	Zinc	187.9615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43682	68107	Zinc	171.6389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43683	68107	Zinc	148.8727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43685	68107	Zinc	779.7403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43686	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43687	68107	Zinc	176.347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43689	68107	Zinc	1144.133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
43690	68107	Zinc	229.7114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43691	68107	Zinc	120.6152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43692	68107	Zinc	328.8396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43693	68107	Zinc	257.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43694	68107	Zinc	123.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43695	68107	Zinc	47.103425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
43696	68107	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43698	68107	Zinc	138.8513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43699	68107	Zinc	133.8139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43700	68107	Zinc	381.9904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43701	68107	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43702	68107	Zinc	446.3552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
43703	68107	Zinc	191.4414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43704	68107	Zinc	124.9584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43705	68107	Zinc	243.5598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43706	68107	Zinc	134.0809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43707	68107	Zinc	788.5157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43708	68107	Zinc	134.4191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43709	68107	Zinc	214.7149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43710	68107	Zinc	235.3273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43711	68107	Zinc	195.037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43713	68107	Zinc	258.3605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43714	68107	Zinc	622.0946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
43716	68107	Zinc	137.2404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43717	68107	Zinc	202.958	3.00E-01	--	3.00E-01	-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
43730	68107	Zinc	262.2142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43731	68107	Zinc	336.8852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43732	68107	Zinc	197.084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43733	68107	Zinc	136.653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43734	68107	Zinc	206.7939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43735	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43736	68107	Zinc	129.9513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43737	68107	Zinc	194.6454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43738	68107	Zinc	132.559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43739	68107	Zinc	214.083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43740	68107	Zinc	328.181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43743	68107	Zinc	270.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43744	68107	Zinc	105.9836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43745	68107	Zinc	166.8596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43746	68107	Zinc	220.4643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43747	68107	Zinc	165.2398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43748	68107	Zinc	471.3286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
43749	68107	Zinc	681.5377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43750	68107	Zinc	447.7614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
43752	68107	Zinc	174.567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43753	68107	Zinc	206.1798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43755	68107	Zinc	195.5532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43758	68107	Zinc	467.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
43759	68107	Zinc	132.737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43760	68107	Zinc	504.8727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
43761	68107	Zinc	487.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
43762	68107	Zinc	368.1509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
43764	68107	Zinc	231.4469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43765	68107	Zinc	380.2015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43766	68107	Zinc	471.3197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
43768	68107	Zinc	244.4676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43769	68107	Zinc	177.593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43771	68107	Zinc	168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43772	68107	Zinc	166.7706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43773	68107	Zinc	178.6343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43774	68107	Zinc	191.8241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43775	68107	Zinc	472.2008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
43777	68107	Zinc	200.822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43778	68107	Zinc	115.1773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43779	68107	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43781	68107	Zinc	150.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43782	68107	Zinc	98.3118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
43783	68107	Zinc	123.4365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43784	68107	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43785	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43786	68107	Zinc	199.843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43787	68107	Zinc	124.3176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43789	68107	Zinc	349.8525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
43790	68107	Zinc	148.8905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43793	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43794	68107	Zinc	146.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43795	68107	Zinc	116.361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43796	68107	Zinc	108.5913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43797	68107	Zinc	127.2991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43798	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43799	68107	Zinc	162.819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43800	68107	Zinc	386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43802	68107	Zinc	130.9214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43803	68107	Zinc	247.6004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43805	68107	Zinc	115.293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43806	68107	Zinc	232.3193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43807	68107	Zinc	180.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43808	68107	Zinc	208.9655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43809	68107	Zinc	313.1845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43810	68107	Zinc	125.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43811	68107	Zinc	95.9622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
43812	68107	Zinc	457.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
43813	68107	Zinc	153.2604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43815	68107	Zinc	163.3619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43816	68107	Zinc	267.1537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43817	68107	Zinc	229.9873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43818	68107	Zinc	530.3089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
43819	68107	Zinc	384.4468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43820	68107	Zinc	222.6626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43822	68107	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43823	68107	Zinc	244.3786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43824	68107	Zinc	245.5445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43825	68107	Zinc	192.812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43826	68107	Zinc	205.4322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43827	68107	Zinc	185.0868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43828	68107	Zinc	264.2701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43829	68107	Zinc	423.5801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
43830	68107	Zinc	215.151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43831	68107	Zinc	129.9424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43832	68107	Zinc	167.5182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43833	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43834	68107	Zinc	143.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43836	68107	Zinc	711.4862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
43853	68107	Zinc	395.6608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43854	68107	Zinc	545.6792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
43855	68107	Zinc	278.6436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43856	68107	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43858	68107	Zinc	167.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43859	68107	Zinc	144.1112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43860	68107	Zinc	365.7034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
43861	68107	Zinc	90.551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
43862	68107	Zinc	164.1273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43863	68107	Zinc	512.1173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
43865	68107	Zinc	148.2675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43866	68107	Zinc	235.8524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43869	68107	Zinc	89.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
43870	68107	Zinc	341.4865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43871	68107	Zinc	105.2449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43872	68107	Zinc	333.2362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43874	68107	Zinc	308.957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43875	68107	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43876	68107	Zinc	368.3289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
43878	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43880	68107	Zinc	294.806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
43881	68107	Zinc	133.6359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43882	68107	Zinc	270.2687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43884	68107	Zinc	273.7931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43886	68107	Zinc	206.7138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43888	68107	Zinc	192.3848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43889	68107	Zinc	108.351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43890	68107	Zinc	117.0997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43891	68107	Zinc	283.503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
43892	68107	Zinc	242.3049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43893	68107	Zinc	219.9659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43894	68107	Zinc	258.6275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43895	68107	Zinc	111.6885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43896	68107	Zinc	155.3608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43897	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43901	68107	Zinc	244.7346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43903	68107	Zinc	131.0193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43904	68107	Zinc	227.3084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43905	68107	Zinc	148.6502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43906	68107	Zinc	376.3834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
43907	68107	Zinc	200.4838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43908	68107	Zinc	160.683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43909	68107	Zinc	156.9628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43910	68107	Zinc	1046.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
43911	68107	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43912	68107	Zinc	242.8033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43913	68107	Zinc	145.7221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43914	68107	Zinc	242.1714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43916	68107	Zinc	136.208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43917	68107	Zinc	240.0176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43918	68107	Zinc	109.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43919	68107	Zinc	261.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43920	68107	Zinc	171.3363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43921	68107	Zinc	144.2091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43922	68107	Zinc	164.955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43924	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43925	68107	Zinc	250.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43926	68107	Zinc	122.947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43927	68107	Zinc	161.2081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43928	68107	Zinc	254.8183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43929	68107	Zinc	449.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
43930	68107	Zinc	204.4799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43931	68107	Zinc	252.1839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43933	68107	Zinc	151.9699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43934	68107	Zinc	179.2128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43935	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43936	68107	Zinc	167.7852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43937	68107	Zinc	241.1301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43938	68107	Zinc	147.3775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43939	68107	Zinc	222.3244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43940	68107	Zinc	1164.781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
43942	68107	Zinc	243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43945	68107	Zinc	198.0897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43946	68107	Zinc	239.9909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43949	68107	Zinc	334.6958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43950	68107	Zinc	356.1804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
43951	68107	Zinc	164.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43953	68107	Zinc	317.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43954	68107	Zinc	232.4259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43957	68107	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
43958	68107	Zinc	176.8454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43960	68107	Zinc	162.819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43961	68107	Zinc	117.429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43962	68107	Zinc	288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
43963	68107	Zinc	280.6728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43964	68107	Zinc	144.1913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43965	68107	Zinc	612.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
43966	68107	Zinc	229.48	3.00E-01	--	3.00E-01	--	4.47E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
43979	68107	Zinc	122.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43982	68107	Zinc	165.7293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43983	68107	Zinc	207.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43984	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43985	68107	Zinc	187.7479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43986	68107	Zinc	154.987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43987	68107	Zinc	221.2653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
43988	68107	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43989	68107	Zinc	657.837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
43991	68107	Zinc	212.3119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
43992	68107	Zinc	111.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
43993	68107	Zinc	270.2598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43994	68107	Zinc	252.442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43996	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
43998	68107	Zinc	242.6965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
43999	68107	Zinc	197.1552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44000	68107	Zinc	268.3819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44001	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44002	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44003	68107	Zinc	329.5872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44004	68107	Zinc	196.2118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44005	68107	Zinc	321.0076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44006	68107	Zinc	142.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44008	68107	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44010	68107	Zinc	231.2689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44011	68107	Zinc	284.2061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44013	68107	Zinc	196.7458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44014	68107	Zinc	220.758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44016	68107	Zinc	104.435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44017	68107	Zinc	348.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44018	68107	Zinc	169.0401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44019	68107	Zinc	447.1473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44020	68107	Zinc	237.1518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44022	68107	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44023	68107	Zinc	118.1321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44024	68107	Zinc	163.2818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44025	68107	Zinc	256.6161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44026	68107	Zinc	258.0846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44028	68107	Zinc	352.2911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44029	68107	Zinc	148.0272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44031	68107	Zinc	210.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44032	68107	Zinc	143.0076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44033	68107	Zinc	330.8154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44034	68107	Zinc	149.1931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44035	68107	Zinc	175.4837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44037	68107	Zinc	280.2634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44039	68107	Zinc	140.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44040	68107	Zinc	311.0485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44041	68107	Zinc	161.3327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44042	68107	Zinc	322.3248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44044	68107	Zinc	209.7309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44046	68107	Zinc	302.8338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44047	68107	Zinc	183.4047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44048	68107	Zinc	121.7633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44049	68107	Zinc	223.3568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44050	68107	Zinc	143.0076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44052	68107	Zinc	171.3274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44053	68107	Zinc	142.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44055	68107	Zinc	112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44056	68107	Zinc	164.6079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44057	68107	Zinc	121.5586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44059	68107	Zinc	430.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44060	68107	Zinc	6180.109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-02	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-02	1E-02
44061	68107	Zinc	161.395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44062	68107	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44063	68107	Zinc	161.3238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44064	68107	Zinc	293.916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44065	68107	Zinc	186.582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44066	68107	Zinc	185.3894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44067	68107	Zinc	176.9166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44068	68107	Zinc	161.8133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44069	68107	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44070	68107	Zinc	235.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44072	68107	Zinc	264.7952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44073	68107	Zinc	262.7304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44074	68107	Zinc	148.4366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44075	68107	Zinc	151.249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44076	68107	Zinc	855.8442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44077	68107	Zinc	120.7932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44079	68107	Zinc	162.463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44080	68107	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44081	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44082	68107	Zinc	170.1615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44083	68107	Zinc	182.4257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44084	68107	Zinc	289.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44085	68107	Zinc	239.626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44088	68107	Zinc	380.958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44089	68107	Zinc	176.6496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44106	68107	Zinc	301.1428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44107	68107	Zinc	385.9242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44108	68107	Zinc	162.8457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44111	68107	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44112	68107	Zinc	464.6269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44113	68107	Zinc	205.5835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44114	68107	Zinc	307.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44115	68107	Zinc	352.7183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44116	68107	Zinc	542.5553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44117	68107	Zinc	218.4351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44118	68107	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44119	68107	Zinc	111.2791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44120	68107	Zinc	339.1903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44123	68107	Zinc	297.3959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44124	68107	Zinc	304.774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44125	68107	Zinc	299.7455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44127	68107	Zinc	232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44128	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44129	68107	Zinc	282.1057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44130	68107	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44131	68107	Zinc	1594.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
44132	68107	Zinc	308.8324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44133	68107	Zinc	130.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44134	68107	Zinc	283.0313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44135	68107	Zinc	217.0556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44137	68107	Zinc	394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44139	68107	Zinc	121.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44140	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44143	68107	Zinc	273.4015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44144	68107	Zinc	343.5157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44145	68107	Zinc	415.0628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44146	68107	Zinc	443.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44147	68107	Zinc	180.975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44148	68107	Zinc	461.6632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44150	68107	Zinc	331.2426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44151	68107	Zinc	240.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44152	68107	Zinc	90.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44153	68107	Zinc	188.4243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44155	68107	Zinc	135.5939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44156	68107	Zinc	177.0679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44157	68107	Zinc	205.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44158	68107	Zinc	179.3641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44160	68107	Zinc	196.3364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44161	68107	Zinc	215.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44162	68107	Zinc	247.9653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44163	68107	Zinc	428.7332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44164	68107	Zinc	199.131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44165	68107	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44166	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44167	68107	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44169	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44170	68107	Zinc	120.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44171	68107	Zinc	193.969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44173	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44174	68107	Zinc	137.7477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44176	68107	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44177	68107	Zinc	194.8056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44178	68107	Zinc	116.4055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44179	68107	Zinc	151.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44180	68107	Zinc	143.417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44181	68107	Zinc	182.5592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44182	68107	Zinc	145.7132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44183	68107	Zinc	174.2555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44184	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44185	68107	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44186	68107	Zinc	324.6922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44187	68107	Zinc	1183.649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
44188	68107	Zinc	162.018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44194	68107	Zinc	362.4015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44196	68107	Zinc	179.4887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44197	68107	Zinc	198.9085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44198	68107	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44199	68107	Zinc	367.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44200	68107	Zinc	109.1431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44201	68107	Zinc	171.1405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44202	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44203	68107	Zinc	101.7917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44205	68107	Zinc	238.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44208	68107	Zinc	174.8073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44210	68107	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44211	68107	Zinc	457.5425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44212	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44213	68107	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44214	68107	Zinc	261.7158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44217	68107	Zinc	112.2403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44219	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44220	68107	Zinc	148.8994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44221	68107	Zinc	261.3509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44236	68107	Zinc	129.7466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44237	68107	Zinc	128.8744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44239	68107	Zinc	116.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44240	68107	Zinc	150.0831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44241	68107	Zinc	134.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44244	68107	Zinc	215.1777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44245	68107	Zinc	192.8387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44246	68107	Zinc	175.3947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44248	68107	Zinc	242.8122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44250	68107	Zinc	273.0633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44251	68107	Zinc	147.5733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44252	68107	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44253	68107	Zinc	472.984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44254	68107	Zinc	158.8941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44255	68107	Zinc	227.166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44256	68107	Zinc	178.4741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44258	68107	Zinc	347.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44260	68107	Zinc	114.5899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44261	68107	Zinc	340.819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44262	68107	Zinc	444.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44265	68107	Zinc	243.8446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44268	68107	Zinc	179.6489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44269	68107	Zinc	208.7074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44270	68107	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44271	68107	Zinc	412.2148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44272	68107	Zinc	185.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44273	68107	Zinc	273.3837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44274	68107	Zinc	124.371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44277	68107	Zinc	280.3613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44278	68107	Zinc	377.9676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44279	68107	Zinc	520.7325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
44280	68107	Zinc	245.4822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44281	68107	Zinc	320.0197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44282	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44283	68107	Zinc	166.6816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44284	68107	Zinc	149.0418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44287	68107	Zinc	167.4648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44288	68107	Zinc	163.3708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44289	68107	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44290	68107	Zinc	163.5844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44291	68107	Zinc	231.0553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44292	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44293	68107	Zinc	253.3587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44294	68107	Zinc	202.8156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44295	68107	Zinc	151.1956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44296	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44298	68107	Zinc	191.5749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44299	68107	Zinc	426.8731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44300	68107	Zinc	230.0407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44301	68107	Zinc	116.7526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44303	68107	Zinc	117.6782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44304	68107	Zinc	312.0631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44305	68107	Zinc	715.8739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44306	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44307	68107	Zinc	347.1469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44308	68107	Zinc	429.7122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44310	68107	Zinc	113.4062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44311	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44313	68107	Zinc	557.4984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44314	68107	Zinc	217.109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44315	68107	Zinc	316.3404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44316	68107	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44317	68107	Zinc	120.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44318	68107	Zinc	560.1951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44319	68107	Zinc	152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44320	68107	Zinc	176.347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44321	68107	Zinc	206.5269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44323	68107	Zinc	162.819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44324	68107	Zinc	433.6905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44325	68107	Zinc	155.4765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44327	68107	Zinc	405.1126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44328	68107	Zinc	326.1162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44329	68107	Zinc	157.123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44330	68107	Zinc	299.8968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44331	68107	Zinc	158.369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44332	68107	Zinc	164.154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44334	68107	Zinc	556.1723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44337	68107	Zinc	248.4904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44339	68107	Zinc	191.4503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44341	68107	Zinc	226.454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44344	68107	Zinc	91.6635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44345	68107	Zinc	277.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44346	68107	Zinc	161.395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44347	68107	Zinc	183.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44348	68107	Zinc	214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44349	68107	Zinc	171.9504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44350	68107	Zinc	199.3268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44351	68107	Zinc	618.4189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44373	68107	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44375	68107	Zinc	347.6364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44376	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44377	68107	Zinc	442.9465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44379	68107	Zinc	295.4379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44380	68107	Zinc	774.3736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44381	68107	Zinc	120.277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44382	68107	Zinc	193.8266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44383	68107	Zinc	110.6917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44384	68107	Zinc	470.4297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44385	68107	Zinc	123.0627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44386	68107	Zinc	142.705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44387	68107	Zinc	270.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44389	68107	Zinc	135.7185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44390	68107	Zinc	134.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44391	68107	Zinc	355.5218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44392	68107	Zinc	183.9565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44393	68107	Zinc	201.3827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44394	68107	Zinc	539.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44395	68107	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44396	68107	Zinc	269.886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44397	68107	Zinc	157.7994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44398	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44400	68107	Zinc	268.8892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44401	68107	Zinc	146.265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44403	68107	Zinc	351.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44404	68107	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44405	68107	Zinc	198.597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44406	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44407	68107	Zinc	250.395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44409	68107	Zinc	269.0761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44410	68107	Zinc	132.1229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44411	68107	Zinc	255.4858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44413	68107	Zinc	203.6789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44414	68107	Zinc	168.3192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44415	68107	Zinc	825.6376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44416	68107	Zinc	289.7686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44417	68107	Zinc	218.1058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44418	68107	Zinc	211.5465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44419	68107	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44420	68107	Zinc	174.033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44421	68107	Zinc	101.142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44422	68107	Zinc	123.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44423	68107	Zinc	389.9915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44424	68107	Zinc	240.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44426	68107	Zinc	175.9465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44427	68107	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44428	68107	Zinc	91.2185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44429	68107	Zinc	335.6303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44431	68107	Zinc	159.8108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44432	68107	Zinc	196.4343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44433	68107	Zinc	460.4172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44436	68107	Zinc	195.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44437	68107	Zinc	162.5075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44439	68107	Zinc	154.631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44441	68107	Zinc	83.698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44442	68107	Zinc	201.5874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44443	68107	Zinc	129.2304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44444	68107	Zinc	154.7645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44445	68107	Zinc	326.0895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44446	68107	Zinc	270.954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44448	68107	Zinc	139.4921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44449	68107	Zinc	234.4017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44450	68107	Zinc	121.6031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44451	68107	Zinc	206.3934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44452	68107	Zinc	232.8442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44453	68107	Zinc	218.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44454	68107	Zinc	287.6504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44455	68107	Zinc	161.039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44456	68107	Zinc	191.7351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44457	68107	Zinc	411.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44458	68107	Zinc	186.1904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44459	68107	Zinc	280.4147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44460	68107	Zinc	154.008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44463	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44464	68107	Zinc	174.7183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44465	68107	Zinc	137.6587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44466	68107	Zinc	467.6351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44467	68107	Zinc	388.6031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44468	68107	Zinc	563.6928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44469	68107	Zinc	231.8652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44470	68107	Zinc	139.1272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44471	68107	Zinc	104.7198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44472	68107	Zinc	213.8516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44474	68107	Zinc	115.7291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44475	68107	Zinc	297.2446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44476	68107	Zinc	254.489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44477	68107	Zinc	275.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44492	68107	Zinc	218.9335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44493	68107	Zinc	160.7898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44494	68107	Zinc	242.3583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44496	68107	Zinc	169.7343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44498	68107	Zinc	212.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44500	68107	Zinc	276.2406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44501	68107	Zinc	281.5628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44502	68107	Zinc	290.2225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44503	68107	Zinc	194.0313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44504	68107	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44506	68107	Zinc	121.5408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44507	68107	Zinc	264.8219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44508	68107	Zinc	245.0372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44509	68107	Zinc	255.4413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44510	68107	Zinc	346.9956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44511	68107	Zinc	125.7505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44512	68107	Zinc	205.4678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44514	68107	Zinc	279.0975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44515	68107	Zinc	288.2289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44516	68107	Zinc	365.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44517	68107	Zinc	157.7727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44518	68107	Zinc	175.991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44519	68107	Zinc	172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44520	68107	Zinc	137.2315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44521	68107	Zinc	212.2674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44522	68107	Zinc	141.8951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44523	68107	Zinc	195.2773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44525	68107	Zinc	170.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44526	68107	Zinc	158.8941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44527	68107	Zinc	151.8809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44528	68107	Zinc	344.3523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44529	68107	Zinc	164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44530	68107	Zinc	301.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44531	68107	Zinc	344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44533	68107	Zinc	370.7942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44534	68107	Zinc	423.5623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44535	68107	Zinc	151.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44536	68107	Zinc	313.763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44537	68107	Zinc	127.2724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44538	68107	Zinc	314.4661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44539	68107	Zinc	148.8015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44540	68107	Zinc	204.916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44541	68107	Zinc	173.1608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44542	68107	Zinc	147.867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44543	68107	Zinc	213.4066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44545	68107	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44546	68107	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44548	68107	Zinc	138.2728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44549	68107	Zinc	184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44550	68107	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44552	68107	Zinc	228.2518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44553	68107	Zinc	209.9979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44554	68107	Zinc	156.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44555	68107	Zinc	189.608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44556	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44557	68107	Zinc	417.3412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44558	68107	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44559	68107	Zinc	397.2005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44560	68107	Zinc	131.7046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44562	68107	Zinc	191.4503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44564	68107	Zinc	180.5478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44565	68107	Zinc	157.8083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44566	68107	Zinc	247.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44567	68107	Zinc	178.5008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44568	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44570	68107	Zinc	113.9046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44571	68107	Zinc	349.2117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44573	68107	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44574	68107	Zinc	170.2149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44575	68107	Zinc	249.7542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44576	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44577	68107	Zinc	431.2786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44578	68107	Zinc	218.0969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44579	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44580	68107	Zinc	372.2627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44581	68107	Zinc	324.7634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44582	68107	Zinc	176.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44584	68107	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44585	68107	Zinc	270.2331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44588	68107	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44589	68107	Zinc	212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44590	68107	Zinc	264.3235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44591	68107	Zinc	250.8756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44592	68107	Zinc	341.3975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44595	68107	Zinc	291.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44597	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44600	68107	Zinc	261.5378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44604	68107	Zinc	314.6975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
44615	68107	Zinc	301.1606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44616	68107	Zinc	262.0184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44617	68107	Zinc	687.9635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44618	68107	Zinc	249.2558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44619	68107	Zinc	249.327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44620	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44621	68107	Zinc	456.7148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44623	68107	Zinc	171.6122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44624	68107	Zinc	183.5204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44625	68107	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44626	68107	Zinc	503.4665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
44627	68107	Zinc	286.8761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44630	68107	Zinc	528.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
44631	68107	Zinc	253.7503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44632	68107	Zinc	187.7479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44633	68107	Zinc	244.8948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44635	68107	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44636	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44640	68107	Zinc	430.5577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44641	68107	Zinc	129.3461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44642	68107	Zinc	147.7691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44644	68107	Zinc	170.4641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44645	68107	Zinc	252.9849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44646	68107	Zinc	138.522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44648	68107	Zinc	206.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44649	68107	Zinc	124.4778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44650	68107	Zinc	422.6189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44654	68107	Zinc	123.8904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44655	68107	Zinc	269.6457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44656	68107	Zinc	270.5179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44658	68107	Zinc	173.1964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44659	68107	Zinc	187.294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44660	68107	Zinc	202.7889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44662	68107	Zinc	225.7064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44664	68107	Zinc	139.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44666	68107	Zinc	150.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44667	68107	Zinc	371.524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44668	68107	Zinc	259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44669	68107	Zinc	315.1959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44671	68107	Zinc	381.9637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44672	68107	Zinc	268.3908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44673	68107	Zinc	319.6459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44674	68107	Zinc	439.3153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44675	68107	Zinc	437.7756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44677	68107	Zinc	94.1377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
44678	68107	Zinc	177.8155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44680	68107	Zinc	1431.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
44681	68107	Zinc	240.6228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44682	68107	Zinc	235.2383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44683	68107	Zinc	1002.356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
44684	68107	Zinc	110.843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44686	68107	Zinc	426.0454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44687	68107	Zinc	253.6613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44688	68107	Zinc	218.2927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44689	68107	Zinc	203.0381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44691	68107	Zinc	266.1569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44693	68107	Zinc	378.4393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44694	68107	Zinc	492.0923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44695	68107	Zinc	413.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44696	68107	Zinc	221.0962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44697	68107	Zinc	119.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44698	68107	Zinc	282.3015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44700	68107	Zinc	239.4124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44701	68107	Zinc	173.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44702	68107	Zinc	168.1501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44704	68107	Zinc	343.3466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44705	68107	Zinc	299.2471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44706	68107	Zinc	163.6823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44709	68107	Zinc	225.9022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44710	68107	Zinc	167.269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44711	68107	Zinc	438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44712	68107	Zinc	401.1254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44713	68107	Zinc	207.5593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44714	68107	Zinc	314.8933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44715	68107	Zinc	572.4771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
44716	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44719	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44721	68107	Zinc	412.0635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44722	68107	Zinc	161.573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44723	68107	Zinc	185.4161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44724	68107	Zinc	521.2843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
44725	68107	Zinc	251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44726	68107	Zinc	233.9923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44727	68107	Zinc	133.0129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44728	68107	Zinc	208.565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44729	68107	Zinc	340.1159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44730	68107	Zinc	489.5202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44731	68107	Zinc	561.6636	3.00E-01	--	3.00E-01

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44745	68107	Zinc	131.9538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44747	68107	Zinc	325.5377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44748	68107	Zinc	177.2904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44749	68107	Zinc	389.9381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44751	68107	Zinc	264.1811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44752	68107	Zinc	191.2367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44753	68107	Zinc	185.0512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44755	68107	Zinc	259.4819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44756	68107	Zinc	167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44757	68107	Zinc	2149.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44759	68107	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44760	68107	Zinc	1225.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
44761	68107	Zinc	206.6337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44762	68107	Zinc	153.8122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44763	68107	Zinc	239.8574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44765	68107	Zinc	188.2819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44767	68107	Zinc	250.2615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44768	68107	Zinc	268.4531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44769	68107	Zinc	432.9518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44771	68107	Zinc	218.0613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44772	68107	Zinc	439.0483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
44773	68107	Zinc	320.6427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44774	68107	Zinc	484.8833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44776	68107	Zinc	326.5701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44777	68107	Zinc	236.7958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44778	68107	Zinc	199.7985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44779	68107	Zinc	282.9245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44780	68107	Zinc	112.801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44781	68107	Zinc	1185.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
44783	68107	Zinc	408.4768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44784	68107	Zinc	273.6952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44785	68107	Zinc	188.1128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44786	68107	Zinc	186.6354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44788	68107	Zinc	399.3632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44789	68107	Zinc	223.1254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44790	68107	Zinc	198.6593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44793	68107	Zinc	173.8105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44794	68107	Zinc	317.8036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44795	68107	Zinc	174.923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44796	68107	Zinc	201.2225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44797	68107	Zinc	510.6844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
44798	68107	Zinc	2035.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44799	68107	Zinc	734.7953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44800	68107	Zinc	225.5284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44801	68107	Zinc	141.281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44802	68107	Zinc	585.8182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
44803	68107	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44804	68107	Zinc	201.6408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44805	68107	Zinc	278.8305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44806	68107	Zinc	195.4553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44807	68107	Zinc	336.9564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44808	68107	Zinc	271.1587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44809	68107	Zinc	1864.143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44810	68107	Zinc	241.1301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44811	68107	Zinc	166.5926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44812	68107	Zinc	312.2589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44814	68107	Zinc	413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44816	68107	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44817	68107	Zinc	1695.399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
44820	68107	Zinc	159.6862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44821	68107	Zinc	182.577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44822	68107	Zinc	300.3774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44823	68107	Zinc	233.3248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44824	68107	Zinc	381.0381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44825	68107	Zinc	486.5031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44826	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44827	68107	Zinc	265.0177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44828	68107	Zinc	157.8083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44829	68107	Zinc	338.4694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44831	68107	Zinc	259.5264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44832	68107	Zinc	433.9664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44833	68107	Zinc	296.8886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44834	68107	Zinc	192.3225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44835	68107	Zinc	259.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44836	68107	Zinc	168.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44837	68107	Zinc	781.903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44838	68107	Zinc	546.9341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
44839	68107	Zinc	379.2047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44840	68107	Zinc	364.7778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44841	68107	Zinc	250.1191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44844	68107	Zinc	145.019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44845	68107	Zinc	228.501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44846	68107	Zinc	389.2083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44848	68107	Zinc	244.6901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44849	68107	Zinc	250.3683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44851	68107	Zinc	184.535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44852	68107	Zinc	325.8314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44853	68107	Zinc	193.3549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44865	68107	Zinc	331.1536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44866	68107	Zinc	307.1859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44867	68107	Zinc	93.221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
44869	68107	Zinc	243.2839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44870	68107	Zinc	301.9616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44872	68107	Zinc	124.6736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44873	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44874	68107	Zinc	400.2443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44875	68107	Zinc	274.7098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44876	68107	Zinc	173.0451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44877	68107	Zinc	575.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
44879	68107	Zinc	119.209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44880	68107	Zinc	220.669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44881	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44882	68107	Zinc	675.993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44883	68107	Zinc	233.0133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44884	68107	Zinc	158.7161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44885	68107	Zinc	213.905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44886	68107	Zinc	159.437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44887	68107	Zinc	231.9186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44890	68107	Zinc	390.2318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44891	68107	Zinc	258.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44892	68107	Zinc	369.655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44893	68107	Zinc	203.5187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44894	68107	Zinc	168.3548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44895	68107	Zinc	524.2213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
44896	68107	Zinc	271.8262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44897	68107	Zinc	236.8136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44898	68107	Zinc	124.0773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44899	68107	Zinc	226.0891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44900	68107	Zinc	206.874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44901	68107	Zinc	218.1503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44902	68107	Zinc	253.1362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44903	68107	Zinc	167.625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44904	68107	Zinc	268.4976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44906	68107	Zinc	237.8104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44907	68107	Zinc	187.9259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44908	68107	Zinc	166.4947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44910	68107	Zinc	210.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44911	68107	Zinc	141.9396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44912	68107	Zinc	133.2443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44915	68107	Zinc	193.8889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44916	68107	Zinc	153.1714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44917	68107	Zinc	357.8091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
44918	68107	Zinc	250.8133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44919	68107	Zinc	247.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44921	68107	Zinc	142.9186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44923	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44924	68107	Zinc	496.8627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44925	68107	Zinc	422.5833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
44926	68107	Zinc	206.6693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44927	68107	Zinc	784.3505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44928	68107	Zinc	248.3213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44929	68107	Zinc	272.022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44930	68107	Zinc	181.8828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44931	68107	Zinc	283.0847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44932	68107	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44934	68107	Zinc	246.1942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44935	68107	Zinc	222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44936	68107	Zinc	150.4302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44937	68107	Zinc	316.9225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44938	68107	Zinc	224.3981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44939	68107	Zinc	213.8694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44942	68107	Zinc	170.8201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44943	68107	Zinc	220.2062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44944	68107	Zinc	138.5309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44945	68107	Zinc	231.5537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44946	68107	Zinc	171.9326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44947	68107	Zinc	646.6052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44948	68107	Zinc	672.3618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
44949	68107	Zinc	216.8687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44950	68107	Zinc	321.3369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44952	68107	Zinc	168.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44953	68107	Zinc	630.6297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
44954	68107	Zinc	157.3989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
44955	68107	Zinc	143.5683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44957	68107	Zinc	236.0037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44958	68107	Zinc	193.7821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44959	68107	Zinc	140.4355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44961	68107	Zinc	153.385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44962	68107	Zinc	116.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44963	68107	Zinc	170.3395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44965	68107	Zinc	108.5557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44966	68107	Zinc	263.7717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44967	68107	Zinc	586.2632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
44968	68107	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44969	68107	Zinc	184.5617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44970	68107	Zinc	188.4421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
44983	68107	Zinc	297.5027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
44984	68107	Zinc	308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44985	68107	Zinc	475.7786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
44986	68107	Zinc	146.3718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
44987	68107	Zinc	233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44988	68107	Zinc	338.3003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44989	68107	Zinc	227.9492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44990	68107	Zinc	266.6375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
44991	68107	Zinc	370.1178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
44992	68107	Zinc	301.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44993	68107	Zinc	323.3661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
44994	68107	Zinc	188.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44996	68107	Zinc	230.8595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
44997	68107	Zinc	216.1834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
44999	68107	Zinc	257.4616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45000	68107	Zinc	240.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45001	68107	Zinc	537.6069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45002	68107	Zinc	195.1527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45004	68107	Zinc	151.6673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45005	68107	Zinc	551.5176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45006	68107	Zinc	359.7137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45007	68107	Zinc	525.6542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45008	68107	Zinc	316.3707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45009	68107	Zinc	295.3578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45011	68107	Zinc	473.0819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45012	68107	Zinc	328.5815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45013	68107	Zinc	710.1067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45014	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45015	68107	Zinc	314.7954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45017	68107	Zinc	427.861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45018	68107	Zinc	201.8722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45020	68107	Zinc	348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45021	68107	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45022	68107	Zinc	244.7613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45023	68107	Zinc	189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45024	68107	Zinc	199.754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45025	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45026	68107	Zinc	601.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45027	68107	Zinc	147.5644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45028	68107	Zinc	566.0602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45029	68107	Zinc	59.7926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
45030	68107	Zinc	284.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45031	68107	Zinc	163.5755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45032	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45033	68107	Zinc	118.2923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45034	68107	Zinc	268.0704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45036	68107	Zinc	318.4177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45038	68107	Zinc	158.6538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45040	68107	Zinc	199.9231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45041	68107	Zinc	514.6182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45042	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45043	68107	Zinc	247.3601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45044	68107	Zinc	131.0994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45046	68107	Zinc	142.8029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45047	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45048	68107	Zinc	2658.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
45050	68107	Zinc	238.8072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45051	68107	Zinc	356.8746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45052	68107	Zinc	340.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45053	68107	Zinc	378.922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45054	68107	Zinc	450.2534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45056	68107	Zinc	279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45057	68107	Zinc	149.9407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45059	68107	Zinc	472.8505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45060	68107	Zinc	234.9001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45061	68107	Zinc	248.5527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45062	68107	Zinc	222.1553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45063	68107	Zinc	223.3746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45064	68107	Zinc	531.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45065	68107	Zinc	411.2358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45066	68107	Zinc	309.046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45067	68107	Zinc	161.662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45068	68107	Zinc	278.0562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45069	68107	Zinc	379.3471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45071	68107	Zinc	337.0276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45072	68107	Zinc	265.9255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45073	68107	Zinc	318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45074	68107	Zinc	175.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45075	68107	Zinc	150.7773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45076	68107	Zinc	151.7652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45077	68107	Zinc	121.3628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45078	68107	Zinc	146.7901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45081	68107	Zinc	288.8697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45082	68107	Zinc	224.8253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45084	68107	Zinc	349.3719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45085	68107	Zinc	145.6153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45086	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45087	68107	Zinc	295.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45102	68107	Zinc	111.733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45103	68107	Zinc	210.4518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45104	68107	Zinc	171.5855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45105	68107	Zinc	156.6068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45106	68107	Zinc	405.6377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45108	68107	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45109	68107	Zinc	141.5124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45110	68107	Zinc	182.0964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45111	68107	Zinc	266.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45113	68107	Zinc	312.6861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45115	68107	Zinc	182.6749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45116	68107	Zinc	224.3536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45117	68107	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45118	68107	Zinc	136.7865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45120	68107	Zinc	168.1323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45122	68107	Zinc	304.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45123	68107	Zinc	268.0526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45124	68107	Zinc	255.0408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45125	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45126	68107	Zinc	314.0033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45127	68107	Zinc	189.519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45128	68107	Zinc	245.1351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45129	68107	Zinc	116.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45131	68107	Zinc	326.7125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45132	68107	Zinc	216.5839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45133	68107	Zinc	310.2831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45134	68107	Zinc	163.0593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45135	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45136	68107	Zinc	238.6025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45138	68107	Zinc	376.7127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45139	68107	Zinc	177.148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45140	68107	Zinc	355.148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45141	68107	Zinc	277.006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45142	68107	Zinc	175.2523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45143	68107	Zinc	182.933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45144	68107	Zinc	345.3046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45145	68107	Zinc	183.5026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45146	68107	Zinc	383.9039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45147	68107	Zinc	646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45148	68107	Zinc	263.4513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45149	68107	Zinc	197.529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45150	68107	Zinc	415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45151	68107	Zinc	263.4335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45152	68107	Zinc	187.917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45153	68107	Zinc	701.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45154	68107	Zinc	215.062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45155	68107	Zinc	192.3759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45156	68107	Zinc	229.8716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45157	68107	Zinc	337.9354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45158	68107	Zinc	263.2911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45159	68107	Zinc	163.7802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45160	68107	Zinc	383.8416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45161	68107	Zinc	222.538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45162	68107	Zinc	145.4907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45163	68107	Zinc	202.5575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45164	68107	Zinc	319.3433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45165	68107	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45166	68107	Zinc	221.9773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45167	68107	Zinc	358.085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45168	68107	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45169	68107	Zinc	192.1178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45171	68107	Zinc	149.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45172	68107	Zinc	99.7447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
45173	68107	Zinc	120.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45175	68107	Zinc	278.1986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45176	68107	Zinc	189.3054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45177	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45178	68107	Zinc	126.0264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45179	68107	Zinc	158.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45180	68107	Zinc	231.794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45181	68107	Zinc	440.6414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45182	68107	Zinc	283.9035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45183	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45184	68107	Zinc	170.2594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45185	68107	Zinc	370.189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45186	68107	Zinc	1046.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
45187	68107	Zinc	555.7184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45188	68107	Zinc	163.8158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45189	68107	Zinc	162.4185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45190	68107	Zinc	132.114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45191	68107	Zinc	318.2931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45192	68107	Zinc	285.7013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45193	68107	Zinc	138.5487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45194	68107	Zinc	164.7058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45195	68107	Zinc	312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45196	68107	Zinc	195.927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45197	68107	Zinc	381.6166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45198	68107	Zinc	319.459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45211	68107	Zinc	227.9759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45213	68107	Zinc	376.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45214	68107	Zinc	361.9298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45217	68107	Zinc	471.3019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45218	68107	Zinc	362.1879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45219	68107	Zinc	252.1661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45220	68107	Zinc	146.3629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45221	68107	Zinc	221.114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45222	68107	Zinc	237.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45223	68107	Zinc	140.7203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45224	68107	Zinc	605.8699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45225	68107	Zinc	166.3434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45226	68107	Zinc	157.123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45227	68107	Zinc	156.7225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45228	68107	Zinc	227.3529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45229	68107	Zinc	288.6917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45231	68107	Zinc	220.9627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45232	68107	Zinc	660.3824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45233	68107	Zinc	123.5611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45234	68107	Zinc	242.0379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45235	68107	Zinc	107.8081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45236	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45237	68107	Zinc	155.8058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45238	68107	Zinc	243.8446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45239	68107	Zinc	182.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45241	68107	Zinc	216.7619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45242	68107	Zinc	1233.667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
45243	68107	Zinc	321.3369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45244	68107	Zinc	371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45245	68107	Zinc	335.4701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45246	68107	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45247	68107	Zinc	178.4385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45248	68107	Zinc	443.2758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45249	68107	Zinc	199.2912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45250	68107	Zinc	196.0071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45251	68107	Zinc	450.1377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45252	68107	Zinc	175.0031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45255	68107	Zinc	167.447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45256	68107	Zinc	172.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45257	68107	Zinc	154.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45259	68107	Zinc	140.4711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45260	68107	Zinc	184.9355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45262	68107	Zinc	250.7599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45264	68107	Zinc	149.1308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45265	68107	Zinc	145.2237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45267	68107	Zinc	307.5864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45268	68107	Zinc	303.9819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45269	68107	Zinc	312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45270	68107	Zinc	248.7841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45271	68107	Zinc	212.0627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45272	68107	Zinc	481.8662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45273	68107	Zinc	185.9234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45274	68107	Zinc	115.8804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45275	68107	Zinc	209.5885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45276	68107	Zinc	295.7316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45277	68107	Zinc	299.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45278	68107	Zinc	373.6422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45281	68107	Zinc	299.5764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45282	68107	Zinc	371.1146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45283	68107	Zinc	168.8443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45285	68107	Zinc	441.6026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45286	68107	Zinc	231.6249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45287	68107	Zinc	157.4968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45289	68107	Zinc	751.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45291	68107	Zinc	149.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45292	68107	Zinc	775.8243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45293	68107	Zinc	600.788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45294	68107	Zinc	223.8552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45295	68107	Zinc	355.6108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45296	68107	Zinc	146.7456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45297	68107	Zinc	350.7247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45298	68107	Zinc	179.5688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45299	68107	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45300	68107	Zinc	476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45301	68107	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45303	68107	Zinc	386.9477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45304	68107	Zinc	180.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45305	68107	Zinc	162.3562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45306	68107	Zinc	299.167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45307	68107	Zinc	1787.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
45308	68107	Zinc	140.7114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45310	68107	Zinc	585.9339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
45311	68107	Zinc	192.7675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45312	68107	Zinc	191.2456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45313	68107	Zinc	291.6732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45314	68107	Zinc	141.2899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45315	68107	Zinc	189.8394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45316	68107	Zinc	578.3244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45328	68107	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45329	68107	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45330	68107	Zinc	2171.905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
45333	68107	Zinc	406.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45334	68107	Zinc	200.4037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45335	68107	Zinc	126.3646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45338	68107	Zinc	190.1153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45339	68107	Zinc	98.8102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
45340	68107	Zinc	121.5319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45341	68107	Zinc	247.9475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45342	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45343	68107	Zinc	236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45345	68107	Zinc	472.5123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45346	68107	Zinc	383.6725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45348	68107	Zinc	394.1656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45349	68107	Zinc	167.9187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45350	68107	Zinc	340.463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45351	68107	Zinc	329.249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45353	68107	Zinc	182.577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45354	68107	Zinc	588.4437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
45355	68107	Zinc	281.0288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45356	68107	Zinc	418.4804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45358	68107	Zinc	153.5719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45360	68107	Zinc	281.2691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45361	68107	Zinc	212.5433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45362	68107	Zinc	154.097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45364	68107	Zinc	148.5167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45365	68107	Zinc	172.1729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45366	68107	Zinc	142.8118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45367	68107	Zinc	253.2074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45368	68107	Zinc	284.4553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45369	68107	Zinc	316.8691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45370	68107	Zinc	137.3917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45371	68107	Zinc	105.4941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45372	68107	Zinc	353.8575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45373	68107	Zinc	157.8884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45374	68107	Zinc	381.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45375	68107	Zinc	361.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45376	68107	Zinc	219.9392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45377	68107	Zinc	694.1668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45378	68107	Zinc	162.2498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45379	68107	Zinc	194.2093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45380	68107	Zinc	311.9118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45381	68107	Zinc	139.5188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45382	68107	Zinc	459.4471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45383	68107	Zinc	167.3313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45384	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45385	68107	Zinc	172.075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45386	68107	Zinc	256.7585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45387	68107	Zinc	158.4847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45389	68107	Zinc	224.1845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45390	68107	Zinc	273.5706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45391	68107	Zinc	220.0905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45392	68107	Zinc	128.4739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45393	68107	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45394	68107	Zinc	166.557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45395	68107	Zinc	173.4634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45397	68107	Zinc	134.5348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45398	68107	Zinc	177.5129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45399	68107	Zinc	900.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45400	68107	Zinc	197.1041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45401	68107	Zinc	250.0924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45404	68107	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45405	68107	Zinc	283.5119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45406	68107	Zinc	201.979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45407	68107	Zinc	108.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45408	68107	Zinc	158.5025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45409	68107	Zinc	177.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45410	68107	Zinc	288.8875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45411	68107	Zinc	273.6507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45412	68107	Zinc	188.7981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45413	68107	Zinc	147.689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45414	68107	Zinc	145.1703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45415	68107	Zinc	272.6984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45416	68107	Zinc	160.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45417	68107	Zinc	270.7582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45418	68107	Zinc	203.9192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45419	68107	Zinc	173.0362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45420	68107	Zinc	289.2257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45421	68107	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45422	68107	Zinc	270.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45423	68107	Zinc	241.4149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45424	68107	Zinc	199.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45425	68107	Zinc	205.2898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45426	68107	Zinc	255.6549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45427	68107	Zinc	185.4606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45428	68107	Zinc	302.4066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45429	68107	Zinc	137.6854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45442	68107	Zinc	343.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45443	68107	Zinc	223.4013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45444	68107	Zinc	134.1699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45445	68107	Zinc	148.6769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45446	68107	Zinc	203.8658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45447	68107	Zinc	124.1485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45448	68107	Zinc	247.2444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45450	68107	Zinc	295.3934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45451	68107	Zinc	161.217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45452	68107	Zinc	173.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45453	68107	Zinc	534.1982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45454	68107	Zinc	142.7317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45455	68107	Zinc	222.1553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45456	68107	Zinc	115.293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45457	68107	Zinc	365.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45458	68107	Zinc	156.8649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45459	68107	Zinc	338.8076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45460	68107	Zinc	170.5175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45461	68107	Zinc	362.7219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45462	68107	Zinc	156.9628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45463	68107	Zinc	172.609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45465	68107	Zinc	251.2583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45466	68107	Zinc	168.159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45467	68107	Zinc	145.7755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45469	68107	Zinc	192.5806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45470	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45471	68107	Zinc	300.2884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45472	68107	Zinc	173.9707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45473	68107	Zinc	549.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45474	68107	Zinc	151.3825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45475	68107	Zinc	266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45477	68107	Zinc	313.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45478	68107	Zinc	93.844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45479	68107	Zinc	275.1014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45480	68107	Zinc	462.8558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45481	68107	Zinc	134.3657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45484	68107	Zinc	406.2785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45486	68107	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45487	68107	Zinc	607.641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45488	68107	Zinc	428.7332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45489	68107	Zinc	324.8435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45490	68107	Zinc	156.2241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45492	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45494	68107	Zinc	209.5796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45495	68107	Zinc	302.4422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45496	68107	Zinc	161.6442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45497	68107	Zinc	825.4329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45499	68107	Zinc	549.1769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45500	68107	Zinc	156.8026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45501	68107	Zinc	332.5509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45502	68107	Zinc	454.7479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45503	68107	Zinc	380.4685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45504	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45506	68107	Zinc	104.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45507	68107	Zinc	302.3532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45508	68107	Zinc	229.9339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45509	68107	Zinc	157.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45510	68107	Zinc	144.0222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45511	68107	Zinc	252.9849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45512	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45513	68107	Zinc	315.7833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45514	68107	Zinc	159.1878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45515	68107	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45517	68107	Zinc	226.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45518	68107	Zinc	140.035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45519	68107	Zinc	597.6641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45520	68107	Zinc	197.262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45522	68107	Zinc	215.1065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45525	68107	Zinc	294.6903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45526	68107	Zinc	552.6924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45527	68107	Zinc	455.0861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45528	68107	Zinc	257.6307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45529	68107	Zinc	214.8039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45530	68107	Zinc	130.4319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45531	68107	Zinc	220.3308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45533	68107	Zinc	185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45534	68107	Zinc	270.4912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45535	68107	Zinc	130.9748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45537	68107	Zinc	189.608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45538	68107	Zinc	95.2235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
45539	68107	Zinc	357.2039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45540	68107	Zinc	196.9505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45541	68107	Zinc	194.859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45542	68107	Zinc	205.5301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45543	68107	Zinc	233.7698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45544	68107	Zinc	206.7316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45545	68107	Zinc	116.3699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45546	68107	Zinc	339.7332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45563	68107	Zinc	342.7681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45564	68107	Zinc	146.2472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45565	68107	Zinc	406.8659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45566	68107	Zinc	326.3387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45567	68107	Zinc	610.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45568	68107	Zinc	624.5599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
45569	68107	Zinc	185.2559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45574	68107	Zinc	171.8703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45575	68107	Zinc	162.6321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45576	68107	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45577	68107	Zinc	238.8339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45578	68107	Zinc	714.5033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45579	68107	Zinc	160.4783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45580	68107	Zinc	198.6326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45583	68107	Zinc	163.7446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45584	68107	Zinc	180.3965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45585	68107	Zinc	336.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45587	68107	Zinc	145.375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45590	68107	Zinc	235.7189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45591	68107	Zinc	160.6474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45592	68107	Zinc	265.169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45594	68107	Zinc	164.3409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45595	68107	Zinc	395.0823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45597	68107	Zinc	181.6425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45598	68107	Zinc	190.2043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45599	68107	Zinc	583.0681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
45601	68107	Zinc	127.2101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45602	68107	Zinc	248.7574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45604	68107	Zinc	568.4988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45605	68107	Zinc	210.2293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45606	68107	Zinc	102.299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45607	68107	Zinc	235.8168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45608	68107	Zinc	279.2577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45609	68107	Zinc	136.2792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45610	68107	Zinc	154.6488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45611	68107	Zinc	125.083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45612	68107	Zinc	136.5017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45613	68107	Zinc	212.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45614	68107	Zinc	186.0124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45618	68107	Zinc	493.0535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45619	68107	Zinc	133.271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45620	68107	Zinc	149.6915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45621	68107	Zinc	226.2315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45622	68107	Zinc	171.1494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45623	68107	Zinc	141.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45624	68107	Zinc	206.3222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45625	68107	Zinc	296.9954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45626	68107	Zinc	148.2408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45627	68107	Zinc	161.8133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45629	68107	Zinc	141.5925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45630	68107	Zinc	182.1498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45631	68107	Zinc	119.9477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45633	68107	Zinc	230.0407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45634	68107	Zinc	161.1725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45635	68107	Zinc	251.1515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45636	68107	Zinc	215.2133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45637	68107	Zinc	250.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45638	68107	Zinc	233.8499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45639	68107	Zinc	191.8508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45641	68107	Zinc	148.2497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45642	68107	Zinc	387.6158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45643	68107	Zinc	121.6209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45644	68107	Zinc	202.4507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45645	68107	Zinc	689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45646	68107	Zinc	395.8566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45647	68107	Zinc	240.8008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45648	68107	Zinc	511.4053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45649	68107	Zinc	479.0627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45652	68107	Zinc	133.4579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45653	68107	Zinc	355.415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45654	68107	Zinc	108.707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45655	68107	Zinc	183.7162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45656	68107	Zinc	225.5017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45658	68107	Zinc	79.871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45659	68107	Zinc	145.2059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45660	68107	Zinc	106.126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45661	68107	Zinc	176.9166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45662	68107	Zinc	137.9435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45663	68107	Zinc	406.5722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45665	68107	Zinc	418.6139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45667	68107	Zinc	365.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45668	68107	Zinc	421.9158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45669	68107	Zinc	189.4745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45670	68107	Zinc	179.4709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45671	68107	Zinc	278.6347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45672	68107	Zinc	227.7801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45673	68107	Zinc	114.1538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45674	68107	Zinc	254.0796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45685	68107	Zinc	130.2539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45688	68107	Zinc	320.1799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45690	68107	Zinc	199.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45691	68107	Zinc	116.0673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45692	68107	Zinc	343.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45693	68107	Zinc	165.7649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45695	68107	Zinc	274.158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45696	68107	Zinc	279.8807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45697	68107	Zinc	215.9342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45698	68107	Zinc	186.9113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45699	68107	Zinc	272.8764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45700	68107	Zinc	235.7367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45702	68107	Zinc	125.1631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45704	68107	Zinc	231.4024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45706	68107	Zinc	128.554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45707	68107	Zinc	163.6823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45708	68107	Zinc	385.408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45711	68107	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45712	68107	Zinc	279.9341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45713	68107	Zinc	319.459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45714	68107	Zinc	172.1818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45715	68107	Zinc	168.9689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45716	68107	Zinc	291.068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45718	68107	Zinc	139.857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45719	68107	Zinc	226.2849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45720	68107	Zinc	336.4936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45721	68107	Zinc	236.1995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45722	68107	Zinc	236.4665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45723	68107	Zinc	245.3576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45724	68107	Zinc	288.0776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45725	68107	Zinc	205.6903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45726	68107	Zinc	258.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45727	68107	Zinc	171.3897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45728	68107	Zinc	506.0564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45729	68107	Zinc	153.7855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45730	68107	Zinc	469.1748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45731	68107	Zinc	342.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45732	68107	Zinc	208.6985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45734	68107	Zinc	255.1654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45735	68107	Zinc	279.5781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45736	68107	Zinc	395.8744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45737	68107	Zinc	137.7477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45738	68107	Zinc	218.6131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45739	68107	Zinc	272.3157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45740	68107	Zinc	163.442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45741	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45742	68107	Zinc	141.1742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45743	68107	Zinc	137.9702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45744	68107	Zinc	189.5724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45746	68107	Zinc	206.4023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45747	68107	Zinc	190.053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45749	68107	Zinc	199.0242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45750	68107	Zinc	232.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45751	68107	Zinc	168.6218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45752	68107	Zinc	194.4852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45753	68107	Zinc	326.2675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45754	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45756	68107	Zinc	331.0824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45757	68107	Zinc	575.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
45759	68107	Zinc	199.5582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45760	68107	Zinc	136.931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45761	68107	Zinc	44.69375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	7E-05
45762	68107	Zinc	215.1243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45763	68107	Zinc	189.697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45764	68107	Zinc	1476.014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
45765	68107	Zinc	151.7741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45766	68107	Zinc	245.6246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45767	68107	Zinc	253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45768	68107	Zinc	112.0445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45769	68107	Zinc	244.6189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45770	68107	Zinc	204.0438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45771	68107	Zinc	276.472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45772	68107	Zinc	133.0218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45773	68107	Zinc	152.0055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45775	68107	Zinc	183.289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45776	68107	Zinc	117.3489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45779	68107	Zinc	377.3001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45780	68107	Zinc	138.433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45781	68107	Zinc	397.9748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45782	68107	Zinc	104.5329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45783	68107	Zinc	330.4861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45785	68107	Zinc	105.0758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45786	68107	Zinc	186.3862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45787	68107	Zinc	468.3649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45788	68107	Zinc	231.5804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45789	68107	Zinc	193.6664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45790	68107	Zinc	204.1951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45791	68107	Zinc	290.9078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45803	68107	Zinc	245.0639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45804	68107	Zinc	222.8228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45805	68107	Zinc	343.222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45806	68107	Zinc	138.0503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45807	68107	Zinc	205.9306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45808	68107	Zinc	174.7005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45809	68107	Zinc	216.6106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45810	68107	Zinc	529.8016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
45811	68107	Zinc	173.6325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45812	68107	Zinc	292.492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45813	68107	Zinc	182.7283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45814	68107	Zinc	151.7652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45815	68107	Zinc	161.5196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45817	68107	Zinc	265.8276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45818	68107	Zinc	162.5965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45820	68107	Zinc	370.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45821	68107	Zinc	361.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45822	68107	Zinc	185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45823	68107	Zinc	232.6573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45824	68107	Zinc	189.2253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45825	68107	Zinc	175.6795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45826	68107	Zinc	421.2483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45827	68107	Zinc	423.9984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45829	68107	Zinc	140.213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45831	68107	Zinc	131.5711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45832	68107	Zinc	291.4151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45833	68107	Zinc	185.7721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45834	68107	Zinc	221.8883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45835	68107	Zinc	478.2795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45836	68107	Zinc	209.989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45837	68107	Zinc	159.0543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45838	68107	Zinc	265.8365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45840	68107	Zinc	144.7787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45841	68107	Zinc	147.1461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45842	68107	Zinc	153.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45843	68107	Zinc	131.4198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45844	68107	Zinc	136.653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45845	68107	Zinc	224.3714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45846	68107	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45847	68107	Zinc	161.4484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45848	68107	Zinc	225.9734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45849	68107	Zinc	207.4525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45850	68107	Zinc	121.523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45851	68107	Zinc	133.5024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45853	68107	Zinc	233.0222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45854	68107	Zinc	126.2845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45855	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45856	68107	Zinc	144.9389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45857	68107	Zinc	288.9765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45858	68107	Zinc	312.428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45860	68107	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45861	68107	Zinc	151.4359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45862	68107	Zinc	224.3447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45864	68107	Zinc	199.4959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45865	68107	Zinc	152.5217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45867	68107	Zinc	110.487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45868	68107	Zinc	499.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45869	68107	Zinc	132.203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45870	68107	Zinc	244.9927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45871	68107	Zinc	110.9231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45872	68107	Zinc	92.6158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45873	68107	Zinc	346.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45876	68107	Zinc	251.9169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45877	68107	Zinc	146.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45878	68107	Zinc	146.5409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45879	68107	Zinc	129.6131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45880	68107	Zinc	448.1708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
45882	68107	Zinc	117.3934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45883	68107	Zinc	180.174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45884	68107	Zinc	238.8962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45886	68107	Zinc	252.4064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45887	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45888	68107	Zinc	167.2512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45889	68107	Zinc	153.7143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45890	68107	Zinc	81.1793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
45891	68107	Zinc	323.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45892	68107	Zinc	120.6775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45893	68107	Zinc	157.6926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45894	68107	Zinc	155.966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45895	68107	Zinc	195.4731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45897	68107	Zinc	405.0592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45898	68107	Zinc	125.5725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45899	68107	Zinc	162.4007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45900	68107	Zinc	145.375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45901	68107	Zinc	230.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45902	68107	Zinc	164.866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45903	68107	Zinc	414.4932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45905	68107	Zinc	181.5446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
45921	68107	Zinc	235.5854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45923	68107	Zinc	287.7305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45924	68107	Zinc	204.827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45925	68107	Zinc	544.2285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
45926	68107	Zinc	131.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45927	68107	Zinc	364.5642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
45928	68107	Zinc	179.551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45930	68107	Zinc	177.9668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45932	68107	Zinc	341.1661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45937	68107	Zinc	130.6633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45940	68107	Zinc	181.0551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45941	68107	Zinc	402.0955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45942	68107	Zinc	664.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45943	68107	Zinc	194.4407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45945	68107	Zinc	203.9014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45946	68107	Zinc	411.9211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45947	68107	Zinc	206.9808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45949	68107	Zinc	136.8755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45950	68107	Zinc	280.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45952	68107	Zinc	182.3545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45953	68107	Zinc	639.9124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45954	68107	Zinc	293.0082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45955	68107	Zinc	248.1611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45957	68107	Zinc	177.4951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45958	68107	Zinc	231.3401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45959	68107	Zinc	228.7591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45960	68107	Zinc	177.4773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45961	68107	Zinc	164.0116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45962	68107	Zinc	171.007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45963	68107	Zinc	207.8174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45966	68107	Zinc	378.5105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
45967	68107	Zinc	234.9001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45968	68107	Zinc	159.9888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45969	68107	Zinc	269.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45970	68107	Zinc	281.8476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45971	68107	Zinc	412.8289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
45972	68107	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45973	68107	Zinc	485.7822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
45974	68107	Zinc	232.4615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45976	68107	Zinc	98.7123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
45977	68107	Zinc	262.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45979	68107	Zinc	134.5526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45983	68107	Zinc	849.1603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45984	68107	Zinc	163.9048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
45986	68107	Zinc	311.8673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
45987	68107	Zinc	221.5501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45988	68107	Zinc	151.7207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45989	68107	Zinc	197.4044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45990	68107	Zinc	170.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45991	68107	Zinc	224.2913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
45992	68107	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45993	68107	Zinc	148.3031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45994	68107	Zinc	252.2729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
45995	68107	Zinc	295.9719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
45996	68107	Zinc	183.3958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
45998	68107	Zinc	156.0995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45999	68107	Zinc	182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46000	68107	Zinc	365.3207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46001	68107	Zinc	265.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46004	68107	Zinc	235.0603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46005	68107	Zinc	269.2274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46006	68107	Zinc	372.3606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46007	68107	Zinc	246.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46008	68107	Zinc	352.6382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46012	68107	Zinc	370.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46016	68107	Zinc	225.1101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46017	68107	Zinc	147.4131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46020	68107	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46021	68107	Zinc	302.2375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46022	68107	Zinc	383.4678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46023	68107	Zinc	205.984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46025	68107	Zinc	571.6939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46026	68107	Zinc	182.6749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46028	68107	Zinc	471.3642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46029	68107	Zinc	668.1432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46030	68107	Zinc	564.0043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46031	68107	Zinc	293.916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46032	68107	Zinc	186.2349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46033	68107	Zinc	151.9699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46035	68107	Zinc	467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46036	68107	Zinc	274.0245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46037	68107	Zinc	575.3874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46039	68107	Zinc	170.7934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46041	68107	Zinc	204.0171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46042	68107	Zinc	145.5174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46045	68107	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46047	68107	Zinc	265.1512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46048	68107	Zinc	220.5889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46066	68107	Zinc	106.4553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46067	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46070	68107	Zinc	174.1665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46071	68107	Zinc	215.1688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46073	68107	Zinc	231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46074	68107	Zinc	577.1051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46075	68107	Zinc	183.3068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46077	68107	Zinc	135.3358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46078	68107	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46080	68107	Zinc	359.5357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46082	68107	Zinc	241.8243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46083	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46085	68107	Zinc	222.9563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46086	68107	Zinc	474.4881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46087	68107	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46088	68107	Zinc	174.033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46089	68107	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46090	68107	Zinc	736.8512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46091	68107	Zinc	226.5341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46093	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46094	68107	Zinc	248.793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46095	68107	Zinc	204.5778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46097	68107	Zinc	273.1078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46098	68107	Zinc	323.6687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46099	68107	Zinc	149.469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46102	68107	Zinc	206.2332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46103	68107	Zinc	300.0392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46104	68107	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46107	68107	Zinc	432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46108	68107	Zinc	413.9592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46109	68107	Zinc	854.2155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46110	68107	Zinc	521.4623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46111	68107	Zinc	256.6695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46112	68107	Zinc	438.0426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46113	68107	Zinc	331.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46115	68107	Zinc	246.3099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46116	68107	Zinc	272.2801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46117	68107	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46118	68107	Zinc	446.4264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46120	68107	Zinc	229.9695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46121	68107	Zinc	551.0192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46122	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46124	68107	Zinc	212.9438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46125	68107	Zinc	161.217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46127	68107	Zinc	209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46128	68107	Zinc	442.279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46130	68107	Zinc	141.7349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46131	68107	Zinc	427.594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46132	68107	Zinc	128.821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46133	68107	Zinc	170.3039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46134	68107	Zinc	341.442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46135	68107	Zinc	177.4773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46136	68107	Zinc	139.2162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46137	68107	Zinc	646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46139	68107	Zinc	282.791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46140	68107	Zinc	153.296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46142	68107	Zinc	166.1921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46144	68107	Zinc	300.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46145	68107	Zinc	181.6959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46147	68107	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46148	68107	Zinc	142.9542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46149	68107	Zinc	256.0198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46150	68107	Zinc	276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46152	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46153	68107	Zinc	540.5884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46154	68107	Zinc	203.1983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46155	68107	Zinc	168.9778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46157	68107	Zinc	379.7476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46159	68107	Zinc	137.8011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46160	68107	Zinc	176.2758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46161	68107	Zinc	254.9607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46163	68107	Zinc	434.2512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46164	68107	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46165	68107	Zinc	292.3941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46166	68107	Zinc	218.3906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46167	68107	Zinc	317.8926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46168	68107	Zinc	152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46169	68107	Zinc	391.1752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46170	68107	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46171	68107	Zinc	285.1139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46172	68107	Zinc	346.782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46174	68107	Zinc	367.1185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46175	68107	Zinc	355.8422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46177	68107	Zinc	174.3445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46178	68107	Zinc	340.0536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46179	68107	Zinc	244.3697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46180	68107	Zinc	569.0239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46181	68107	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46195	68107	Zinc	853.6014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46196	68107	Zinc	191.922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46197	68107	Zinc	213.6914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46198	68107	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46201	68107	Zinc	413.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46203	68107	Zinc	312.2945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46204	68107	Zinc	351.8817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46207	68107	Zinc	479.9616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46209	68107	Zinc	268.1683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46210	68107	Zinc	383.9217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46211	68107	Zinc	228.8392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46212	68107	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46213	68107	Zinc	227.0503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46214	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46215	68107	Zinc	398.0104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46217	68107	Zinc	197.1908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46218	68107	Zinc	1028.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46219	68107	Zinc	400.7783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46221	68107	Zinc	285.4254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46222	68107	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46224	68107	Zinc	273.0989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46225	68107	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46226	68107	Zinc	191.7351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46227	68107	Zinc	313.1667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46228	68107	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46229	68107	Zinc	134.7128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46231	68107	Zinc	2398.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
46232	68107	Zinc	113.3528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46233	68107	Zinc	644.7451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46234	68107	Zinc	215.7295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46235	68107	Zinc	228.3319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46237	68107	Zinc	342.8215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46238	68107	Zinc	364.8757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46240	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46241	68107	Zinc	1531.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46242	68107	Zinc	334.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46244	68107	Zinc	196.4788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46245	68107	Zinc	484.5807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46246	68107	Zinc	207.2656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46247	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46248	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46250	68107	Zinc	182.399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46252	68107	Zinc	1739.098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
46253	68107	Zinc	229.391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46254	68107	Zinc	275.2794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46255	68107	Zinc	317.3675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46256	68107	Zinc	176.6496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46258	68107	Zinc	200.7241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46260	68107	Zinc	381.9726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46266	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46268	68107	Zinc	296.586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46269	68107	Zinc	174.3445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46270	68107	Zinc	252.3797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46274	68107	Zinc	138.611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46275	68107	Zinc	632.0626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46276	68107	Zinc	352.0508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46278	68107	Zinc	260.7902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46279	68107	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46280	68107	Zinc	423.6513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46281	68107	Zinc	192.3136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46282	68107	Zinc	301.8637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46283	68107	Zinc	220.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46284	68107	Zinc	560.1684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46285	68107	Zinc	569.994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46286	68107	Zinc	218.177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46290	68107	Zinc	465.9441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46292	68107	Zinc	611.3345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46293	68107	Zinc	334.2864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46294	68107	Zinc	488.381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46296	68107	Zinc	275.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46297	68107	Zinc	213.6914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46298	68107	Zinc	177.2637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46301	68107	Zinc	260.7724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46302	68107	Zinc	358.1028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46303	68107	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46304	68107	Zinc	436.4317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46305	68107	Zinc	121.4073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46306	68107	Zinc	1658.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
46307	68107	Zinc	295.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46310	68107	Zinc	213.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46312	68107	Zinc	207.4881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46314	68107	Zinc	180.263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46315	68107	Zinc	607.1782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46316	68107	Zinc	232.8264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46317	68107	Zinc	219.1026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46318	68107	Zinc	260.986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46320	68107	Zinc	236.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46321	68107	Zinc	654.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02

Central Tendency Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46340	68107	Zinc	197.707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46341	68107	Zinc	203.2428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46342	68107	Zinc	230.3789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46343	68107	Zinc	222.3333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46344	68107	Zinc	148.1963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46345	68107	Zinc	783.0244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46346	68107	Zinc	182.1854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46347	68107	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46348	68107	Zinc	153.7855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46349	68107	Zinc	232.3191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46350	68107	Zinc	182.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46351	68107	Zinc	375.8316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46352	68107	Zinc	203.9815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46354	68107	Zinc	367.7415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46355	68107	Zinc	253.6524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46356	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46357	68107	Zinc	417.2789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46358	68107	Zinc	240.9432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46359	68107	Zinc	249.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46361	68107	Zinc	124.371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46363	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46364	68107	Zinc	202.4418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46365	68107	Zinc	170.295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46366	68107	Zinc	300.5465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46367	68107	Zinc	316.4864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46368	68107	Zinc	254.8717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46369	68107	Zinc	250.1013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46370	68107	Zinc	131.847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46371	68107	Zinc	169.3605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46372	68107	Zinc	299.1492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46373	68107	Zinc	165.8806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46376	68107	Zinc	636.0765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46378	68107	Zinc	172.5289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46379	68107	Zinc	253.1718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46380	68107	Zinc	124.0506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46381	68107	Zinc	315.9346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46383	68107	Zinc	312.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46384	68107	Zinc	208.4048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46385	68107	Zinc	150.2789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46387	68107	Zinc	298.4639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46388	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46389	68107	Zinc	250.573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46390	68107	Zinc	410.239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46391	68107	Zinc	436.0757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46393	68107	Zinc	310.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46396	68107	Zinc	490.517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46397	68107	Zinc	149.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46398	68107	Zinc	342.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46399	68107	Zinc	465.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46400	68107	Zinc	330.2903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46401	68107	Zinc	249.0333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46402	68107	Zinc	236.0927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46403	68107	Zinc	357.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46404	68107	Zinc	428.751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46405	68107	Zinc	229.6936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46406	68107	Zinc	281.3937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46407	68107	Zinc	288.9676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46408	68107	Zinc	446.2484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46409	68107	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46410	68107	Zinc	368.3912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46411	68107	Zinc	186.1281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46412	68107	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46418	68107	Zinc	337.0632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46419	68107	Zinc	465.5258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46421	68107	Zinc	454.6144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46422	68107	Zinc	190.6493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46423	68107	Zinc	216.6551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46424	68107	Zinc	226.4985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46425	68107	Zinc	297.4582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46426	68107	Zinc	261.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46427	68107	Zinc	440.321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46428	68107	Zinc	306.2247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46429	68107	Zinc	191.7084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46430	68107	Zinc	497.2454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46431	68107	Zinc	166.8418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46432	68107	Zinc	896.3303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46434	68107	Zinc	536.1829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46435	68107	Zinc	141.3967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46437	68107	Zinc	262.9173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46438	68107	Zinc	290.8989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46439	68107	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46441	68107	Zinc	243.9069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46442	68107	Zinc	183.9921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46443	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46444	68107	Zinc	106.8469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46445	68107	Zinc	295.7405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46446	68107	Zinc	304.9431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46448	68107	Zinc	238.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46462	68107	Zinc	149.9318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46463	68107	Zinc	314.1279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46464	68107	Zinc	252.4776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46466	68107	Zinc	165.5513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46469	68107	Zinc	282.9868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46470	68107	Zinc	144.8499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46471	68107	Zinc	479.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46472	68107	Zinc	405.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46473	68107	Zinc	271.1587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46474	68107	Zinc	586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46475	68107	Zinc	333.1739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46476	68107	Zinc	144.485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46478	68107	Zinc	358.3431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46480	68107	Zinc	250.662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46482	68107	Zinc	632.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46483	68107	Zinc	458.388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46484	68107	Zinc	478.4753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46487	68107	Zinc	231.3846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46489	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46490	68107	Zinc	580.6562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46491	68107	Zinc	225.9289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46492	68107	Zinc	436.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46493	68107	Zinc	191.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46494	68107	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46495	68107	Zinc	277.6468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46496	68107	Zinc	472.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46497	68107	Zinc	419.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46498	68107	Zinc	266.9846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46499	68107	Zinc	429.5431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46500	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46501	68107	Zinc	469.691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46502	68107	Zinc	524.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46503	68107	Zinc	584.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46504	68107	Zinc	281.7497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46505	68107	Zinc	528.4844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46507	68107	Zinc	512.2953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46508	68107	Zinc	855.0076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46509	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46510	68107	Zinc	424.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46511	68107	Zinc	290.2047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46512	68107	Zinc	227.5309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46513	68107	Zinc	196.2207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46514	68107	Zinc	261.5289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46515	68107	Zinc	170.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46522	68107	Zinc	186.137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46523	68107	Zinc	176.347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46524	68107	Zinc	210.6743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46526	68107	Zinc	265.5339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46527	68107	Zinc	313.1845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46528	68107	Zinc	819.9772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46529	68107	Zinc	237.3832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46530	68107	Zinc	576.0816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46533	68107	Zinc	419.2547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46534	68107	Zinc	195.0726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46535	68107	Zinc	237.6146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46536	68107	Zinc	153.296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46538	68107	Zinc	250.6175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46539	68107	Zinc	271.0964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46540	68107	Zinc	201.356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46541	68107	Zinc	473.2332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46543	68107	Zinc	383.4233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46546	68107	Zinc	235.3629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46547	68107	Zinc	191.566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46548	68107	Zinc	647.335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46549	68107	Zinc	1100.523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46550	68107	Zinc	274.7009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46551	68107	Zinc	216.9577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46552	68107	Zinc	447.0494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46554	68107	Zinc	182.0786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46557	68107	Zinc	270.1174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46558	68107	Zinc	393.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46559	68107	Zinc	298.9623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46562	68107	Zinc	221.7548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46563	68107	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46564	68107	Zinc	313.0154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46566	68107	Zinc	178.483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46567	68107	Zinc	209.6419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46568	68107	Zinc	389.8847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46569	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46570	68107	Zinc	236.5021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46573	68107	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46574	68107	Zinc	524.1501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46575	68107	Zinc	186.8668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46578	68107	Zinc	231.9364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46579	68107	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46580	68107	Zinc	267.4207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46582	68107	Zinc	428.1102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46583	68107	Zinc	302.6736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46596	68107	Zinc	428.9646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46597	68107	Zinc	358.7169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46598	68107	Zinc	571.4269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46601	68107	Zinc	335.8706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46602	68107	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46603	68107	Zinc	785.8101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46604	68107	Zinc	287.4101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46605	68107	Zinc	1246.681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46607	68107	Zinc	230.3789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46610	68107	Zinc	462.3663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46611	68107	Zinc	298.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46612	68107	Zinc	421.8446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46613	68107	Zinc	511.076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46614	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46615	68107	Zinc	297.5205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46618	68107	Zinc	308.7167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46619	68107	Zinc	335.5324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46620	68107	Zinc	546.6493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46621	68107	Zinc	658.1396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46625	68107	Zinc	271.755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46626	68107	Zinc	238.4245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46628	68107	Zinc	554.6415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46629	68107	Zinc	415.8015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46630	68107	Zinc	129.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46631	68107	Zinc	388.2649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46632	68107	Zinc	414.4843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46633	68107	Zinc	351.5079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46634	68107	Zinc	331.4562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46635	68107	Zinc	369.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46636	68107	Zinc	413.2116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46637	68107	Zinc	258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46639	68107	Zinc	136.6174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46640	68107	Zinc	407.9428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46641	68107	Zinc	829.9541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46642	68107	Zinc	195.5621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46643	68107	Zinc	495.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46644	68107	Zinc	308.2094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46646	68107	Zinc	325.2529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46647	68107	Zinc	356.5186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46648	68107	Zinc	157.746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46649	68107	Zinc	419.4594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46650	68107	Zinc	183.2801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46652	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46655	68107	Zinc	239.359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46656	68107	Zinc	223.6505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46658	68107	Zinc	340.2672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46659	68107	Zinc	474.7907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46661	68107	Zinc	127.5305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46662	68107	Zinc	648.0203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46663	68107	Zinc	331.4206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46664	68107	Zinc	220.2774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46665	68107	Zinc	444.6019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46666	68107	Zinc	334.767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46667	68107	Zinc	218.3817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46668	68107	Zinc	730.0605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46669	68107	Zinc	392.1542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46671	68107	Zinc	122.8491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46672	68107	Zinc	370	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46673	68107	Zinc	266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46674	68107	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46675	68107	Zinc	181.7849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46676	68107	Zinc	125.3589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46679	68107	Zinc	175.8219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46682	68107	Zinc	532.6318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46683	68107	Zinc	387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46685	68107	Zinc	269.3698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46686	68107	Zinc	683.6737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46687	68107	Zinc	167.6339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46688	68107	Zinc	571.4358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46689	68107	Zinc	458.9665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46690	68107	Zinc	316.5309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46691	68107	Zinc	402.7007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46692	68107	Zinc	444.682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46693	68107	Zinc	527.6745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46694	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46696	68107	Zinc	227.5131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46697	68107	Zinc	274.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46698	68107	Zinc	407.5957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46699	68107	Zinc	297.4137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46700	68107	Zinc	394.7797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46701	68107	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46702	68107	Zinc	200.733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46703	68107	Zinc	807.535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46704	68107	Zinc	196.4254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46707	68107	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46708	68107	Zinc	154.1415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46710	68107	Zinc	268.0526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46711	68107	Zinc	278.3944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
46728	68107	Zinc	373.3396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46729	68107	Zinc	297.5561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46730	68107	Zinc	302.2464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46731	68107	Zinc	302.3799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46734	68107	Zinc	386.8676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46736	68107	Zinc	412.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46740	68107	Zinc	202.4863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46741	68107	Zinc	328.0386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46743	68107	Zinc	213.2642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46744	68107	Zinc	507.3291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46745	68107	Zinc	221.1496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46746	68107	Zinc	147.0126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46747	68107	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46748	68107	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46749	68107	Zinc	231.9542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46750	68107	Zinc	557.1246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46752	68107	Zinc	396.622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46754	68107	Zinc	282.524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46755	68107	Zinc	344.5036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46757	68107	Zinc	357.8981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46758	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46760	68107	Zinc	395.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46761	68107	Zinc	414.9382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46762	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46763	68107	Zinc	905.7198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46764	68107	Zinc	377.8519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46766	68107	Zinc	263.5581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46767	68107	Zinc	715.2954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46768	68107	Zinc	175.279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46769	68107	Zinc	175.6884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46770	68107	Zinc	437.4819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46771	68107	Zinc	470.6433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46772	68107	Zinc	261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46775	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46776	68107	Zinc	326.9261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46777	68107	Zinc	235.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46778	68107	Zinc	290.4094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46780	68107	Zinc	221.4789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46781	68107	Zinc	311.627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46784	68107	Zinc	423.4911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46785	68107	Zinc	287.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46786	68107	Zinc	176.6585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46788	68107	Zinc	329.9788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46790	68107	Zinc	183.3335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46791	68107	Zinc	562.2243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46792	68107	Zinc	374.7013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46793	68107	Zinc	207.6928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46794	68107	Zinc	435.3548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46796	68107	Zinc	311.2176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46797	68107	Zinc	629.2769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46798	68107	Zinc	143.1144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46799	68107	Zinc	194.147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46800	68107	Zinc	711.4951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46801	68107	Zinc	306.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46802	68107	Zinc	395.0912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46803	68107	Zinc	116.7793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46804	68107	Zinc	124.015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46805	68107	Zinc	360.7906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46807	68107	Zinc	231.2422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46808	68107	Zinc	528.9205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46811	68107	Zinc	432.2755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46812	68107	Zinc	211.3507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46813	68107	Zinc	470.8658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46814	68107	Zinc	317.145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46815	68107	Zinc	1179.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46816	68107	Zinc	482.3646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46817	68107	Zinc	107.8704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46820	68107	Zinc	551.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46822	68107	Zinc	435.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46823	68107	Zinc	463.5767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46825	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46826	68107	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46827	68107	Zinc	533.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46829	68107	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46830	68107	Zinc	331.7143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46832	68107	Zinc	476.4372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46833	68107	Zinc	400.182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46834	68107	Zinc	472.7526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46835	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46836	68107	Zinc	373.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46837	68107	Zinc	537.9807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46839	68107	Zinc	187.917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46841	68107	Zinc	153.1447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46842	68107	Zinc	352.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46844	68107	Zinc	170.3573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46846	68107	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46847	68107	Zinc	209.9712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46849	68107	Zinc	320.794	3.00E-01	--	3.00E-01	--

Central Tendency Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
46863	68107	Zinc	117.251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46864	68107	Zinc	334.5178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46865	68107	Zinc	652.586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46867	68107	Zinc	445.4741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46869	68107	Zinc	279.5425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46870	68107	Zinc	282.0345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46871	68107	Zinc	302.2286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46872	68107	Zinc	109.0808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46873	68107	Zinc	415.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46877	68107	Zinc	243.4263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46878	68107	Zinc	724.7294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46879	68107	Zinc	591.087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46880	68107	Zinc	386.9833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46881	68107	Zinc	475.9744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
46883	68107	Zinc	332.0347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46885	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46886	68107	Zinc	1123.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46887	68107	Zinc	169.6275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46889	68107	Zinc	692.7161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46891	68107	Zinc	445.0024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46892	68107	Zinc	368.2755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46893	68107	Zinc	419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46894	68107	Zinc	346.8443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46897	68107	Zinc	325.1817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46898	68107	Zinc	372.9569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46899	68107	Zinc	431.1629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46901	68107	Zinc	319.6904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46904	68107	Zinc	515.7752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46905	68107	Zinc	113.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46906	68107	Zinc	723.8483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46908	68107	Zinc	648.1182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46909	68107	Zinc	178.2338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46910	68107	Zinc	258.2181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46911	68107	Zinc	256.3224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46913	68107	Zinc	210.0958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46916	68107	Zinc	120.9534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46917	68107	Zinc	210.4162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46918	68107	Zinc	352.3801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46919	68107	Zinc	464.9651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
46920	68107	Zinc	553.8049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
46922	68107	Zinc	380.3795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46923	68107	Zinc	236.8314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46925	68107	Zinc	433.1832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46926	68107	Zinc	312.3123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46927	68107	Zinc	597.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
46928	68107	Zinc	351.5969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46929	68107	Zinc	734.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46930	68107	Zinc	340.9258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46931	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46932	68107	Zinc	574.9335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46934	68107	Zinc	334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46935	68107	Zinc	424.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46936	68107	Zinc	951.626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
46940	68107	Zinc	687.8389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46942	68107	Zinc	143.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46944	68107	Zinc	307.0346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46945	68107	Zinc	276.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46946	68107	Zinc	1089.487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
46948	68107	Zinc	228.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46950	68107	Zinc	732.3389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46952	68107	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46953	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46954	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
46955	68107	Zinc	191.9309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46957	68107	Zinc	374.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46959	68107	Zinc	329.4537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46960	68107	Zinc	227.2817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46961	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46962	68107	Zinc	391.4422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46963	68107	Zinc	171.4075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46964	68107	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46965	68107	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46967	68107	Zinc	245.5801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
46968	68107	Zinc	205.1652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46969	68107	Zinc	531.2345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
46970	68107	Zinc	292.1538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
46971	68107	Zinc	333.1205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46972	68107	Zinc	352.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
46973	68107	Zinc	763.3376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
46976	68107	Zinc	381.1538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
46977	68107	Zinc	129.533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
46979	68107	Zinc	408.7616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46980	68107	Zinc	328.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
46982	68107	Zinc	221.2742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46984	68107	Zinc	580.9855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
46985	68107	Zinc	216.8331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
46986	68107	Zinc	411.3871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
46987	68107	Zinc	262.9173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47000	68107	Zinc	445.5186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47001	68107	Zinc	328.6616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47003	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47004	68107	Zinc	202.6554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47005	68107	Zinc	374.3275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47007	68107	Zinc	249.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47008	68107	Zinc	240.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47009	68107	Zinc	414.7335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47010	68107	Zinc	567.8758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47011	68107	Zinc	496.7381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47012	68107	Zinc	330.0856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47013	68107	Zinc	351.7838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47015	68107	Zinc	375.8049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47016	68107	Zinc	2746.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47017	68107	Zinc	342.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47020	68107	Zinc	150.6705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47021	68107	Zinc	305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47022	68107	Zinc	309.0193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47023	68107	Zinc	246.5502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47024	68107	Zinc	343.4445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47026	68107	Zinc	461.8946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47027	68107	Zinc	401.5348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47028	68107	Zinc	401.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47029	68107	Zinc	268.2395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47030	68107	Zinc	445.7856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47032	68107	Zinc	659.1898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47033	68107	Zinc	405.6466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47034	68107	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47037	68107	Zinc	234.1792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47038	68107	Zinc	398.3842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47039	68107	Zinc	326.4544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47040	68107	Zinc	281.7497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47041	68107	Zinc	220.9004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47042	68107	Zinc	596.2401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47043	68107	Zinc	276.1694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47044	68107	Zinc	255.0586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47045	68107	Zinc	322.7965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47046	68107	Zinc	382.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47047	68107	Zinc	856.2892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47048	68107	Zinc	282.5062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47049	68107	Zinc	407.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47050	68107	Zinc	901.9195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47051	68107	Zinc	1081.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47052	68107	Zinc	1270	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47053	68107	Zinc	299.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47054	68107	Zinc	213.5668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47056	68107	Zinc	281.8565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47058	68107	Zinc	208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47059	68107	Zinc	360.0341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47060	68107	Zinc	443.0533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47061	68107	Zinc	855.6306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47062	68107	Zinc	211.8402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47063	68107	Zinc	349.3274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47064	68107	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47065	68107	Zinc	352.1131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47066	68107	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47067	68107	Zinc	401.8374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47069	68107	Zinc	237.4099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47070	68107	Zinc	364.9825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47071	68107	Zinc	165.222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47072	68107	Zinc	174.557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47073	68107	Zinc	258.2537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47074	68107	Zinc	256.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47076	68107	Zinc	783.9767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47077	68107	Zinc	264.8753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47078	68107	Zinc	483.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47080	68107	Zinc	318.2842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47082	68107	Zinc	244.7079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47084	68107	Zinc	281.2424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47085	68107	Zinc	161.3505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47086	68107	Zinc	360.8885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47087	68107	Zinc	304.3735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47088	68107	Zinc	1519.624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47089	68107	Zinc	442.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47090	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47091	68107	Zinc	271.5859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47092	68107	Zinc	365.9971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47094	68107	Zinc	219.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47095	68107	Zinc	439.1996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47096	68107	Zinc	232.9688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47097	68107	Zinc	368.7383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47098	68107	Zinc	454.8013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47100	68107	Zinc	267.7945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47102	68107	Zinc	306.9367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47103	68107	Zinc	468.8099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47104	68107	Zinc	417.1899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47105	68107	Zinc	300.9025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47106	68107	Zinc	192.4916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47127	68107	Zinc	372.414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47128	68107	Zinc	279.142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47130	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47131	68107	Zinc	293.115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47132	68107	Zinc	458.8775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47133	68107	Zinc	935.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47135	68107	Zinc	290.6319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47136	68107	Zinc	338.238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47137	68107	Zinc	267.394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47138	68107	Zinc	315.9524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47139	68107	Zinc	397.5031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47140	68107	Zinc	424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47142	68107	Zinc	242.7677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47143	68107	Zinc	275.7155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47144	68107	Zinc	309.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47145	68107	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47147	68107	Zinc	508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47148	68107	Zinc	359.0907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47149	68107	Zinc	595.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47150	68107	Zinc	235.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47151	68107	Zinc	467.1545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47152	68107	Zinc	653.8854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47153	68107	Zinc	512.6246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47154	68107	Zinc	251.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47156	68107	Zinc	300.2172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47157	68107	Zinc	519.2106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47158	68107	Zinc	280.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47159	68107	Zinc	156.7937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47162	68107	Zinc	414.5644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47163	68107	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47164	68107	Zinc	280.4147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47165	68107	Zinc	254.2398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47166	68107	Zinc	443.3381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47168	68107	Zinc	481.9285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47169	68107	Zinc	685.4181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47170	68107	Zinc	1362.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47171	68107	Zinc	282.8889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47172	68107	Zinc	509.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47173	68107	Zinc	401.5348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47175	68107	Zinc	191.0943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47176	68107	Zinc	219.4319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47177	68107	Zinc	347.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47178	68107	Zinc	264.1188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47179	68107	Zinc	210	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47180	68107	Zinc	211.4308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47181	68107	Zinc	444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47182	68107	Zinc	368.8362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47184	68107	Zinc	293.3909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47185	68107	Zinc	618.8817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47186	68107	Zinc	211.8669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47187	68107	Zinc	177.682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47188	68107	Zinc	405.255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47190	68107	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47191	68107	Zinc	451.624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47193	68107	Zinc	315.6409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47194	68107	Zinc	319.4234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47195	68107	Zinc	302.9317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47196	68107	Zinc	382.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47197	68107	Zinc	587.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47202	68107	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47203	68107	Zinc	372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47204	68107	Zinc	263.0063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47206	68107	Zinc	359.0907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47207	68107	Zinc	700.0408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47210	68107	Zinc	278.3499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47211	68107	Zinc	315.6943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47212	68107	Zinc	484.8121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47213	68107	Zinc	355.3616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47214	68107	Zinc	316.2639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47215	68107	Zinc	334.5979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47216	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47217	68107	Zinc	340	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47218	68107	Zinc	672.4063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47219	68107	Zinc	320.7673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47220	68107	Zinc	138.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47222	68107	Zinc	305.5305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47223	68107	Zinc	568.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47224	68107	Zinc	327.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47225	68107	Zinc	322.1735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47226	68107	Zinc	322.9923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47228	68107	Zinc	406.7146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47230	68107	Zinc	323.4818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47231	68107	Zinc	343.7204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47232	68107	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47233	68107	Zinc	334.3042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47235	68107	Zinc	278.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47236	68107	Zinc	232.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47238	68107	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47257	68107	Zinc	722.006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47259	68107	Zinc	392.0207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47260	68107	Zinc	285.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47261	68107	Zinc	482.9431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47262	68107	Zinc	532.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47263	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47265	68107	Zinc	539.9921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47267	68107	Zinc	489.9563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47268	68107	Zinc	602.2565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47269	68107	Zinc	282.5062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47270	68107	Zinc	901.0384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47271	68107	Zinc	317.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47273	68107	Zinc	495.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47274	68107	Zinc	246.1675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47275	68107	Zinc	241.9222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47276	68107	Zinc	712.7233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47277	68107	Zinc	362.6418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47279	68107	Zinc	631.7778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47280	68107	Zinc	287.4635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47281	68107	Zinc	486.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47283	68107	Zinc	799.1957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47285	68107	Zinc	1180	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47286	68107	Zinc	716.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47287	68107	Zinc	630.5674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47288	68107	Zinc	629.8999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47289	68107	Zinc	384.5536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47291	68107	Zinc	305.4949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47293	68107	Zinc	146.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47294	68107	Zinc	256.5983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47296	68107	Zinc	388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47297	68107	Zinc	125.439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47298	68107	Zinc	508.5306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47299	68107	Zinc	222.9118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47300	68107	Zinc	453.5731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47301	68107	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47302	68107	Zinc	540.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47303	68107	Zinc	166.6905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47304	68107	Zinc	279.7027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47305	68107	Zinc	358.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47306	68107	Zinc	377.4247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47308	68107	Zinc	290.1602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47309	68107	Zinc	293.3197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47311	68107	Zinc	441.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47312	68107	Zinc	419.3615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47313	68107	Zinc	1149.295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47314	68107	Zinc	382.1862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47315	68107	Zinc	457.2488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47316	68107	Zinc	342.4566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47317	68107	Zinc	209.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47319	68107	Zinc	273.9889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47320	68107	Zinc	197.7782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47321	68107	Zinc	412.0813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47322	68107	Zinc	295.0018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47324	68107	Zinc	203.581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47326	68107	Zinc	229.4355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47327	68107	Zinc	181.064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47328	68107	Zinc	1176.351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47329	68107	Zinc	255.5659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47330	68107	Zinc	539.9654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47331	68107	Zinc	296.2923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47332	68107	Zinc	249.7898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47333	68107	Zinc	403.119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47334	68107	Zinc	192.1267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47335	68107	Zinc	263.9764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47336	68107	Zinc	264.8219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47338	68107	Zinc	405.9581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47339	68107	Zinc	213.8071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47340	68107	Zinc	494.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47341	68107	Zinc	406.6523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47342	68107	Zinc	332.1059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47343	68107	Zinc	439.609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47346	68107	Zinc	359.0996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47348	68107	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47349	68107	Zinc	368.1598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47350	68107	Zinc	360.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47351	68107	Zinc	142.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47352	68107	Zinc	159.259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47353	68107	Zinc	368.1064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47354	68107	Zinc	411.9567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47355	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47356	68107	Zinc	263.4068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47358	68107	Zinc	446.3552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47359	68107	Zinc	397.9214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47360	68107	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47362	68107	Zinc	1112.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47363	68107	Zinc	325.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47364	68107	Zinc	386.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47365	68107	Zinc	390.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47382	68107	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47383	68107	Zinc	299.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47384	68107	Zinc	185.781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47385	68107	Zinc	191.3791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47386	68107	Zinc	262.7126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47388	68107	Zinc	255.4324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47389	68107	Zinc	1002.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
47390	68107	Zinc	252.8514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47391	68107	Zinc	456.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47392	68107	Zinc	527.7368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47393	68107	Zinc	214.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47394	68107	Zinc	420.9902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47395	68107	Zinc	288.8697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47397	68107	Zinc	268.3107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47398	68107	Zinc	362.2502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47399	68107	Zinc	379.9968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47400	68107	Zinc	376.8729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47402	68107	Zinc	1293.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47404	68107	Zinc	618.8817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47405	68107	Zinc	197.9206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47406	68107	Zinc	363.6119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47407	68107	Zinc	642.0128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47408	68107	Zinc	501.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47410	68107	Zinc	307.2838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47412	68107	Zinc	265.2847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47413	68107	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47414	68107	Zinc	142.5893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47415	68107	Zinc	178.1359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47416	68107	Zinc	306.1535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47417	68107	Zinc	232.4259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47418	68107	Zinc	268.2929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47419	68107	Zinc	549.5774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47420	68107	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47421	68107	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47422	68107	Zinc	379.8722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47423	68107	Zinc	853.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47424	68107	Zinc	651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47425	68107	Zinc	305.0321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47426	68107	Zinc	298.5084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47427	68107	Zinc	262.5702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47436	68107	Zinc	264.1544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47437	68107	Zinc	174.0686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47438	68107	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47439	68107	Zinc	442.7418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47440	68107	Zinc	403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47441	68107	Zinc	500.2269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47444	68107	Zinc	253.7058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47445	68107	Zinc	370.2602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47447	68107	Zinc	785.1871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47448	68107	Zinc	206.7049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47449	68107	Zinc	606.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47450	68107	Zinc	232.1055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47451	68107	Zinc	368.3645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47452	68107	Zinc	174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47453	68107	Zinc	149.9496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47454	68107	Zinc	193.8978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47456	68107	Zinc	151.8898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47458	68107	Zinc	527.1494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47460	68107	Zinc	157.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47461	68107	Zinc	228.0293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47462	68107	Zinc	189.7226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47463	68107	Zinc	150.4035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47464	68107	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47465	68107	Zinc	263.6293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47466	68107	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47467	68107	Zinc	722.1573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47468	68107	Zinc	179.462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47469	68107	Zinc	224.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47470	68107	Zinc	304.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47471	68107	Zinc	402.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47473	68107	Zinc	138.6021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47474	68107	Zinc	561.5568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47475	68107	Zinc	216.9488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47476	68107	Zinc	641.4966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47477	68107	Zinc	690.5356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47479	68107	Zinc	342.9728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47480	68107	Zinc	703.9568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47481	68107	Zinc	354.6585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47482	68107	Zinc	256.7674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47483	68107	Zinc	968.358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
47484	68107	Zinc	488.3187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47485	68107	Zinc	335.1497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47487	68107	Zinc	311.716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47488	68107	Zinc	190.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47489	68107	Zinc	236.778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47491	68107	Zinc	281.3047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47492	68107	Zinc	113.2905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47493	68107	Zinc	576.4287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47511	68107	Zinc	659.6793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47512	68107	Zinc	193.6219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47513	68107	Zinc	258.6097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47514	68107	Zinc	336.3245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47515	68107	Zinc	273.7664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47516	68107	Zinc	201.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47518	68107	Zinc	240.3825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47519	68107	Zinc	531.012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47520	68107	Zinc	384.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47521	68107	Zinc	287.0452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47522	68107	Zinc	353.5994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47523	68107	Zinc	619.7806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47524	68107	Zinc	324.1671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47525	68107	Zinc	255.0675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47526	68107	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47529	68107	Zinc	320.3401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47530	68107	Zinc	313.6117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47531	68107	Zinc	410.6039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47532	68107	Zinc	2619.041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
47533	68107	Zinc	527.4876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47534	68107	Zinc	343.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47535	68107	Zinc	251.8101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47537	68107	Zinc	282.7821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47538	68107	Zinc	315.4362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47539	68107	Zinc	281.2157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47540	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47541	68107	Zinc	299.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47544	68107	Zinc	343.0707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47545	68107	Zinc	331.6965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47547	68107	Zinc	443.0622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47548	68107	Zinc	499.4793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47549	68107	Zinc	117.1175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47550	68107	Zinc	447.9394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47551	68107	Zinc	175.902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47553	68107	Zinc	338.7364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47554	68107	Zinc	336.5559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47555	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47556	68107	Zinc	272.9921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47557	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47558	68107	Zinc	293.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47559	68107	Zinc	254.4803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47560	68107	Zinc	547.8508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47561	68107	Zinc	270.1263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47562	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47563	68107	Zinc	438.1761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47564	68107	Zinc	400.2443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47565	68107	Zinc	421.2305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47566	68107	Zinc	333.1917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47568	68107	Zinc	158.1732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47569	68107	Zinc	351.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47570	68107	Zinc	127.1478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47571	68107	Zinc	350.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47572	68107	Zinc	467.3859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47573	68107	Zinc	365.7034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47574	68107	Zinc	269.2274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47576	68107	Zinc	466.3268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47577	68107	Zinc	668.7751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47578	68107	Zinc	394.6373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47579	68107	Zinc	259.4374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47580	68107	Zinc	243.3729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47581	68107	Zinc	443.4093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47582	68107	Zinc	294.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47583	68107	Zinc	235.0425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47585	68107	Zinc	238.9318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47586	68107	Zinc	303.4835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47588	68107	Zinc	545.341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47589	68107	Zinc	253.5723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47591	68107	Zinc	586.8862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47592	68107	Zinc	285.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47593	68107	Zinc	328.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47594	68107	Zinc	156.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
47595	68107	Zinc	555.8786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47596	68107	Zinc	406.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47597	68107	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47598	68107	Zinc	269.9127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47600	68107	Zinc	298.8822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47603	68107	Zinc	263.9586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47604	68107	Zinc	369.3435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47605	68107	Zinc	478.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47607	68107	Zinc	288.754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47608	68107	Zinc	289.4749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47609	68107	Zinc	282.6753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47610	68107	Zinc	450.5827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47611	68107	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47613	68107	Zinc	205.8238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47615	68107	Zinc	349.4342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47616	68107	Zinc	236.5288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47617	68107	Zinc	330.8065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47629	68107	Zinc	263.033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47630	68107	Zinc	738.7736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47633	68107	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47634	68107	Zinc	323.6776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47635	68107	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47636	68107	Zinc	509.8211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47638	68107	Zinc	258.9479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47639	68107	Zinc	360.8796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47642	68107	Zinc	497.1653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47643	68107	Zinc	392.3767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47644	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47645	68107	Zinc	189.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47646	68107	Zinc	531.6528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47647	68107	Zinc	401.2767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47648	68107	Zinc	487.3219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47649	68107	Zinc	407.7114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47650	68107	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47651	68107	Zinc	449.3812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47652	68107	Zinc	263.2377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47653	68107	Zinc	305.1122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47654	68107	Zinc	370.545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47655	68107	Zinc	934.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47656	68107	Zinc	185.1669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47659	68107	Zinc	201.4005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47660	68107	Zinc	169.761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47661	68107	Zinc	338.4605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47662	68107	Zinc	1063.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47663	68107	Zinc	172.2174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47664	68107	Zinc	230.5035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47665	68107	Zinc	197.0128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47669	68107	Zinc	273.4104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47670	68107	Zinc	483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47672	68107	Zinc	349.4342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47673	68107	Zinc	544.3798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47674	68107	Zinc	378.9199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47676	68107	Zinc	352.1754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47677	68107	Zinc	605.0422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47679	68107	Zinc	287.1075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47680	68107	Zinc	753.8235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47681	68107	Zinc	884.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47682	68107	Zinc	386.7786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47683	68107	Zinc	395.4917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47684	68107	Zinc	262.5524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47685	68107	Zinc	395.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47686	68107	Zinc	136.9022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47687	68107	Zinc	262.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47689	68107	Zinc	462.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47690	68107	Zinc	677.9955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47691	68107	Zinc	413.9592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47692	68107	Zinc	507.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47693	68107	Zinc	245.8827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47694	68107	Zinc	241.6908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47695	68107	Zinc	248.0899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47696	68107	Zinc	515.4548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47697	68107	Zinc	311.093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47699	68107	Zinc	274.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47703	68107	Zinc	136.4127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47704	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47705	68107	Zinc	178.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47706	68107	Zinc	578.9563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47707	68107	Zinc	501.731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47708	68107	Zinc	284.3129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47710	68107	Zinc	651.7761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47711	68107	Zinc	361.9743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47712	68107	Zinc	320.3045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47713	68107	Zinc	154.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47714	68107	Zinc	368.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47715	68107	Zinc	358.174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47716	68107	Zinc	395.8388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47717	68107	Zinc	613.2302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47718	68107	Zinc	496.6046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47719	68107	Zinc	542.3773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47721	68107	Zinc	562.4112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47722	68107	Zinc	196.4966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47723	68107	Zinc	257.1768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47724	68107	Zinc	362.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47727	68107	Zinc	433.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47728	68107	Zinc	290.0623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47730	68107	Zinc	596.3469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47731	68107	Zinc	327.9496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47732	68107	Zinc	504.4455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47733	68107	Zinc	487.3931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47734	68107	Zinc	561.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47735	68107	Zinc	458.2723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47738	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47739	68107	Zinc	289.0922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47740	68107	Zinc	344.8685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47741	68107	Zinc	484.2247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47755	68107	Zinc	228.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47756	68107	Zinc	486.1293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47757	68107	Zinc	401.2945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47760	68107	Zinc	246.301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47761	68107	Zinc	261.0661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47763	68107	Zinc	1026.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47765	68107	Zinc	316.2016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47766	68107	Zinc	179.3552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47767	68107	Zinc	958.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
47768	68107	Zinc	653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47770	68107	Zinc	168.7909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47771	68107	Zinc	452.6564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47772	68107	Zinc	406.0471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47775	68107	Zinc	586.6548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47776	68107	Zinc	411.3782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47777	68107	Zinc	581.8132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47778	68107	Zinc	240.3469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47779	68107	Zinc	167.9899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47780	68107	Zinc	568.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47781	68107	Zinc	763.7025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47782	68107	Zinc	490.2144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47783	68107	Zinc	764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47786	68107	Zinc	1245.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47787	68107	Zinc	531.6172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47788	68107	Zinc	413.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47789	68107	Zinc	694.4961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47791	68107	Zinc	383.3521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47793	68107	Zinc	297.0933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47794	68107	Zinc	422.0938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47795	68107	Zinc	96.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
47796	68107	Zinc	538.8885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47797	68107	Zinc	187.1783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47798	68107	Zinc	179.017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47799	68107	Zinc	202.7355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47802	68107	Zinc	540.6062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47803	68107	Zinc	310.4433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47804	68107	Zinc	205.3254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47806	68107	Zinc	186.9914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47807	68107	Zinc	187.8992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47809	68107	Zinc	258.2181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47810	68107	Zinc	72.929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
47811	68107	Zinc	422.5922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47812	68107	Zinc	209.1969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47813	68107	Zinc	668.3479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47814	68107	Zinc	420.2693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47815	68107	Zinc	372.7522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47816	68107	Zinc	292.1449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47818	68107	Zinc	361.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47819	68107	Zinc	120.1791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47820	68107	Zinc	185.1847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47821	68107	Zinc	255.7706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47822	68107	Zinc	245.7136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47823	68107	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47826	68107	Zinc	278.8127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47830	68107	Zinc	202.4418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47831	68107	Zinc	1568.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
47832	68107	Zinc	217.2603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47833	68107	Zinc	924.837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47834	68107	Zinc	190.6938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47835	68107	Zinc	308.7167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47836	68107	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47838	68107	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47839	68107	Zinc	433.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47840	68107	Zinc	277.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47841	68107	Zinc	287.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47842	68107	Zinc	176.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47846	68107	Zinc	1044.453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47847	68107	Zinc	292.492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47848	68107	Zinc	591.354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47850	68107	Zinc	466.7362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47851	68107	Zinc	428.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47852	68107	Zinc	368.2755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47856	68107	Zinc	175.3057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47858	68107	Zinc	399.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47859	68107	Zinc	385.0698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47860	68107	Zinc	398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47861	68107	Zinc	700.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47862	68107	Zinc	649.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47863	68107	Zinc	593.9172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
47865	68107	Zinc	503.9293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47866	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47867	68107	Zinc	863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47868	68107	Zinc	440.7571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47870	68107	Zinc	534.6699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47872	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47875	68107	Zinc	487.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47876	68107	Zinc	244.2985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47878	68107	Zinc	587.1443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
47895	68107	Zinc	596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47896	68107	Zinc	655.8345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47898	68107	Zinc	667.3956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47899	68107	Zinc	431.9194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47900	68107	Zinc	425.1465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47902	68107	Zinc	675.6103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47904	68107	Zinc	219.6544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47905	68107	Zinc	513.1675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
47906	68107	Zinc	96.2915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
47908	68107	Zinc	1285.287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
47909	68107	Zinc	279.0085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47910	68107	Zinc	270.4734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47911	68107	Zinc	615.829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
47912	68107	Zinc	757.4992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47913	68107	Zinc	564.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47919	68107	Zinc	250.9557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47921	68107	Zinc	191.1388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47922	68107	Zinc	275.582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47924	68107	Zinc	357.7112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47925	68107	Zinc	307.3372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47926	68107	Zinc	175.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47927	68107	Zinc	400.093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47928	68107	Zinc	140.747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47929	68107	Zinc	448.064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47930	68107	Zinc	545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47931	68107	Zinc	538.8529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47933	68107	Zinc	226.7388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47934	68107	Zinc	393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47935	68107	Zinc	310.1051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47936	68107	Zinc	409.6961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47937	68107	Zinc	370.1712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47938	68107	Zinc	765.9631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47939	68107	Zinc	371.5596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47942	68107	Zinc	377.2912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47943	68107	Zinc	320.7851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47944	68107	Zinc	936.941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47945	68107	Zinc	408.5569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47946	68107	Zinc	112.4806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47947	68107	Zinc	327.1041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47950	68107	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47951	68107	Zinc	468.1691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47952	68107	Zinc	428.8489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47953	68107	Zinc	335.4078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47954	68107	Zinc	313.5138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47956	68107	Zinc	738.3464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47957	68107	Zinc	152.3259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47960	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47961	68107	Zinc	238.5402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47962	68107	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47963	68107	Zinc	550.4496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47964	68107	Zinc	283.2538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
47965	68107	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47966	68107	Zinc	107.4521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47967	68107	Zinc	391.5312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47968	68107	Zinc	356.5186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
47969	68107	Zinc	954.474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
47971	68107	Zinc	695.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47972	68107	Zinc	454.9526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47975	68107	Zinc	321.6395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
47977	68107	Zinc	976.635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
47979	68107	Zinc	659.1031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
47981	68107	Zinc	390.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
47984	68107	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47985	68107	Zinc	410.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
47986	68107	Zinc	482.0175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47987	68107	Zinc	554.8551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
47988	68107	Zinc	456.163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
47989	68107	Zinc	211.6978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
47990	68107	Zinc	136.1635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
47991	68107	Zinc	245.0995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47992	68107	Zinc	484.4383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
47994	68107	Zinc	222.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
47996	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
47997	68107	Zinc	278.6614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48002	68107	Zinc	436.405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48003	68107	Zinc	184.7397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48005	68107	Zinc	416.6114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48006	68107	Zinc	355.2637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48007	68107	Zinc	589.2091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48009	68107	Zinc	414.1105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48014	68107	Zinc	207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48015	68107	Zinc	720.849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48016	68107	Zinc	508.0411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48018	68107	Zinc	363.1402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48019	68107	Zinc	425.1643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48020	68107	Zinc	510.542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48021	68107	Zinc	493.0624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48026	68107	Zinc	446.0882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48043	68107	Zinc	543.4453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48044	68107	Zinc	419.5306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48045	68107	Zinc	457.6582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48046	68107	Zinc	260.0159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48048	68107	Zinc	517.0034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48049	68107	Zinc	272.7696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48050	68107	Zinc	192.1356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48051	68107	Zinc	186.8312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48052	68107	Zinc	439.8315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48053	68107	Zinc	747.994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48054	68107	Zinc	227.8869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48055	68107	Zinc	630.9323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48056	68107	Zinc	484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48057	68107	Zinc	940.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
48058	68107	Zinc	745.3062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48060	68107	Zinc	313.6295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48061	68107	Zinc	440.8372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48062	68107	Zinc	350.4488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48064	68107	Zinc	313.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48065	68107	Zinc	127.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48066	68107	Zinc	327.8161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48067	68107	Zinc	422.7791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48068	68107	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48069	68107	Zinc	198.3478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48071	68107	Zinc	545.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48072	68107	Zinc	304.7206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48073	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48074	68107	Zinc	538.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48078	68107	Zinc	437.8557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48080	68107	Zinc	680.3896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48082	68107	Zinc	445.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48083	68107	Zinc	299.1937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48085	68107	Zinc	426.348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48088	68107	Zinc	470.0025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48090	68107	Zinc	384.9096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48091	68107	Zinc	404.0001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48092	68107	Zinc	279.6671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48093	68107	Zinc	137.1692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48096	68107	Zinc	329.4893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48097	68107	Zinc	312.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48098	68107	Zinc	362.7931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48099	68107	Zinc	280.9398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48100	68107	Zinc	98.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
48101	68107	Zinc	252.8692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48102	68107	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48107	68107	Zinc	294.7348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48108	68107	Zinc	310.5323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48109	68107	Zinc	183.7162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48110	68107	Zinc	338.4427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48113	68107	Zinc	463.7725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48115	68107	Zinc	286.8939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48116	68107	Zinc	286.2531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48117	68107	Zinc	405.8068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48118	68107	Zinc	657.4098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48120	68107	Zinc	301.9438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48121	68107	Zinc	259.7845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48122	68107	Zinc	176.258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48124	68107	Zinc	485.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48125	68107	Zinc	157.5324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48126	68107	Zinc	189.5368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48127	68107	Zinc	162.5787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48128	68107	Zinc	266.059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48129	68107	Zinc	495.8748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48131	68107	Zinc	568.7391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48133	68107	Zinc	449.9775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48135	68107	Zinc	289.4927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48138	68107	Zinc	316.3618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48139	68107	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48140	68107	Zinc	237.134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48141	68107	Zinc	299.345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48142	68107	Zinc	591.7634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48143	68107	Zinc	208.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48144	68107	Zinc	142.9364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48146	68107	Zinc	704.2594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48147	68107	Zinc	432.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48148	68107	Zinc	478.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48149	68107	Zinc	712.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48150	68107	Zinc	315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48152	68107	Zinc	219.4319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48153	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48154	68107	Zinc	380.8957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48159	68107	Zinc	233.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48163	68107	Zinc	422.2451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48164	68107	Zinc	249.9322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48165	68107	Zinc	472.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48167	68107	Zinc	385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48168	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48170	68107	Zinc	273.0188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48185	68107	Zinc	211.5109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48189	68107	Zinc	235.7634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48191	68107	Zinc	251.6677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48193	68107	Zinc	429.9792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48194	68107	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48195	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48196	68107	Zinc	376.4457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48199	68107	Zinc	111.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48200	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48202	68107	Zinc	190.4179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48205	68107	Zinc	510.8357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48206	68107	Zinc	488.7726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48208	68107	Zinc	306.6786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48210	68107	Zinc	177.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48211	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48214	68107	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48215	68107	Zinc	295.1442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48216	68107	Zinc	414.2529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48219	68107	Zinc	174.745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48221	68107	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48222	68107	Zinc	210.5675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48223	68107	Zinc	441.8073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48224	68107	Zinc	286.1285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48225	68107	Zinc	454.0092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48226	68107	Zinc	240.6851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48227	68107	Zinc	266.5574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48232	68107	Zinc	334.1796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48233	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48234	68107	Zinc	221.7904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48235	68107	Zinc	224.9143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48236	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48237	68107	Zinc	407.5156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48239	68107	Zinc	656.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48240	68107	Zinc	550.4496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48241	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48242	68107	Zinc	264.3057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48244	68107	Zinc	167.6161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48245	68107	Zinc	529.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48248	68107	Zinc	583.967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48249	68107	Zinc	595.3679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48250	68107	Zinc	169.0935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48251	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48254	68107	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48255	68107	Zinc	759.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48257	68107	Zinc	322.7698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48258	68107	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48260	68107	Zinc	308.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48261	68107	Zinc	395.9545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48266	68107	Zinc	412.1258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48267	68107	Zinc	116.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48269	68107	Zinc	368.1242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48270	68107	Zinc	130.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48271	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48272	68107	Zinc	182.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48275	68107	Zinc	443.3559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48276	68107	Zinc	265.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48277	68107	Zinc	229.8449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48279	68107	Zinc	422.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48280	68107	Zinc	244.1828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48281	68107	Zinc	367.875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48282	68107	Zinc	291.2549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48283	68107	Zinc	278.2876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48285	68107	Zinc	387.5885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48286	68107	Zinc	273.268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48287	68107	Zinc	373.9982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48289	68107	Zinc	319.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48292	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48293	68107	Zinc	323.1703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48295	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48296	68107	Zinc	196.3987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48297	68107	Zinc	550.3784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48299	68107	Zinc	1633.099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
48300	68107	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48302	68107	Zinc	265.3381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48305	68107	Zinc	883.9949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48308	68107	Zinc	518.8991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48309	68107	Zinc	242.1358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48310	68107	Zinc	158.5737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48311	68107	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48312	68107	Zinc	635.1509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48313	68107	Zinc	257.5328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48314	68107	Zinc	207.5504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48315	68107	Zinc	481.3589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48317	68107	Zinc	292.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48319	68107	Zinc	284.2061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48320	68107	Zinc	432.6047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48324	68107	Zinc	482.2934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48327	68107	Zinc	233.1201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48343	68107	Zinc	343.5602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48345	68107	Zinc	299.1136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48347	68107	Zinc	302.6736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48349	68107	Zinc	293.5422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48350	68107	Zinc	315.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48352	68107	Zinc	147.8581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48353	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48354	68107	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48359	68107	Zinc	235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48361	68107	Zinc	295.9452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48363	68107	Zinc	263.5759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48364	68107	Zinc	441.0597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48367	68107	Zinc	320.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48368	68107	Zinc	301.2229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48369	68107	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48373	68107	Zinc	494.2817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48378	68107	Zinc	200.555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48379	68107	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48380	68107	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48382	68107	Zinc	325.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48383	68107	Zinc	261.2619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48384	68107	Zinc	583.1927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48385	68107	Zinc	385.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48386	68107	Zinc	209.1524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48387	68107	Zinc	229.302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48389	68107	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48390	68107	Zinc	819.5678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48391	68107	Zinc	197.0217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48392	68107	Zinc	142.5715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48393	68107	Zinc	384.6337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48395	68107	Zinc	271.6393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48397	68107	Zinc	251.2583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48400	68107	Zinc	320.6961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48402	68107	Zinc	250.7332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48404	68107	Zinc	363.7276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48405	68107	Zinc	406.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48406	68107	Zinc	355.7265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48407	68107	Zinc	167.0821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48408	68107	Zinc	282.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48409	68107	Zinc	227.522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48410	68107	Zinc	166.0675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48411	68107	Zinc	345.0465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48413	68107	Zinc	431.9639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48416	68107	Zinc	439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48417	68107	Zinc	325.155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48418	68107	Zinc	342.5189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48419	68107	Zinc	160.5762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48423	68107	Zinc	357.8714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48424	68107	Zinc	185.6297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48425	68107	Zinc	459.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48426	68107	Zinc	864.4772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48427	68107	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48428	68107	Zinc	300.502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48430	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48431	68107	Zinc	368.231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48432	68107	Zinc	325.5199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48433	68107	Zinc	529.3922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48434	68107	Zinc	319.0496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48435	68107	Zinc	407.4355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48437	68107	Zinc	331.3583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48438	68107	Zinc	159.5527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48439	68107	Zinc	331.5986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48441	68107	Zinc	356.1626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48442	68107	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48444	68107	Zinc	637.8921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48446	68107	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48447	68107	Zinc	584.4743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48451	68107	Zinc	1610.048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
48452	68107	Zinc	248.5883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48455	68107	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48456	68107	Zinc	337.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48457	68107	Zinc	292.7857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48459	68107	Zinc	639.6276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48460	68107	Zinc	396.3817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48461	68107	Zinc	1021.847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48463	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48464	68107	Zinc	253.8838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48466	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48467	68107	Zinc	435.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48468	68107	Zinc	447.5122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48469	68107	Zinc	253.7948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48470	68107	Zinc	143.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48471	68107	Zinc	174.9675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48472	68107	Zinc	268.3196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48474	68107	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48476	68107	Zinc	332.5865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48477	68107	Zinc	328.3857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48479	68107	Zinc	399.6124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48494	68107	Zinc	376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48495	68107	Zinc	384.1442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48496	68107	Zinc	672.6466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48497	68107	Zinc	222.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48499	68107	Zinc	229.9606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48500	68107	Zinc	289.4037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48501	68107	Zinc	321.1767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48502	68107	Zinc	305.7174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48503	68107	Zinc	296.5771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48505	68107	Zinc	236.3775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48506	68107	Zinc	351.2943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48507	68107	Zinc	274.0067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48508	68107	Zinc	197.1018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48510	68107	Zinc	246.9329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48511	68107	Zinc	292.5543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48512	68107	Zinc	498.7317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48513	68107	Zinc	234.1525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48514	68107	Zinc	314.0923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48515	68107	Zinc	228.5277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48517	68107	Zinc	149.8161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48519	68107	Zinc	250.3505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48523	68107	Zinc	262.4456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48525	68107	Zinc	437.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48526	68107	Zinc	493.2671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48529	68107	Zinc	365.5432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48530	68107	Zinc	295.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48531	68107	Zinc	267.5275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48532	68107	Zinc	197.3154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48533	68107	Zinc	242.7321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48534	68107	Zinc	330.8866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48538	68107	Zinc	222.6537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48539	68107	Zinc	212.0983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48540	68107	Zinc	254.7916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48541	68107	Zinc	1023.093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48542	68107	Zinc	160.0956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48543	68107	Zinc	154.7467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48544	68107	Zinc	445.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48545	68107	Zinc	348.6243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48546	68107	Zinc	473.2955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48547	68107	Zinc	1380.161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48548	68107	Zinc	321.3725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48549	68107	Zinc	124.371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48550	68107	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48551	68107	Zinc	386.3692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48552	68107	Zinc	93.9775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
48553	68107	Zinc	286.5913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48554	68107	Zinc	192.9455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48555	68107	Zinc	173.9351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48556	68107	Zinc	254.3377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48557	68107	Zinc	303.4123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48558	68107	Zinc	239.3323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48559	68107	Zinc	490.4636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48560	68107	Zinc	217.0734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48561	68107	Zinc	323.1703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48563	68107	Zinc	112.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48564	68107	Zinc	244.4587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48565	68107	Zinc	128.1268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48566	68107	Zinc	153.029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48567	68107	Zinc	157.1853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48568	68107	Zinc	171.9237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48569	68107	Zinc	270.4111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48570	68107	Zinc	279.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48571	68107	Zinc	244.5744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48572	68107	Zinc	420.9101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48573	68107	Zinc	138.789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48574	68107	Zinc	282.4528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48576	68107	Zinc	243.2216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48577	68107	Zinc	165.2398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48578	68107	Zinc	176.9433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48580	68107	Zinc	211.9381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48581	68107	Zinc	434.625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48582	68107	Zinc	156.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48583	68107	Zinc	253.0472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48584	68107	Zinc	376.2766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48586	68107	Zinc	266.4773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48587	68107	Zinc	494.4419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48588	68107	Zinc	178.8568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48589	68107	Zinc	231.0108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48590	68107	Zinc	164.599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48593	68107	Zinc	415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48594	68107	Zinc	274.4606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48596	68107	Zinc	172.6357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48599	68107	Zinc	305.9577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48600	68107	Zinc	272.3513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48602	68107	Zinc	308.0136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48604	68107	Zinc	131.758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48606	68107	Zinc	245.0639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48607	68107	Zinc	819.0605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
48621	68107	Zinc	175.3057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48622	68107	Zinc	400.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48623	68107	Zinc	319.2098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48625	68107	Zinc	446.9871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48626	68107	Zinc	431.9995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48627	68107	Zinc	586.7883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48628	68107	Zinc	181.5268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48632	68107	Zinc	267.1092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48633	68107	Zinc	281.5984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48634	68107	Zinc	277.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48635	68107	Zinc	419.9222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48636	68107	Zinc	249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48637	68107	Zinc	182.8618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48638	68107	Zinc	158.8585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48639	68107	Zinc	125.5369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48640	68107	Zinc	584.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48641	68107	Zinc	101.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48642	68107	Zinc	147.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48643	68107	Zinc	343.9696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48647	68107	Zinc	489.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48649	68107	Zinc	364.5731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48651	68107	Zinc	184.713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48652	68107	Zinc	305.842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48654	68107	Zinc	686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48655	68107	Zinc	303.6437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48656	68107	Zinc	204.2485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48659	68107	Zinc	206.9007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48661	68107	Zinc	442.7329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48662	68107	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48663	68107	Zinc	278.4567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48667	68107	Zinc	279.8629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48668	68107	Zinc	198.0897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48670	68107	Zinc	255.6193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48671	68107	Zinc	273.6062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48672	68107	Zinc	202.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48674	68107	Zinc	173.3388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48675	68107	Zinc	143.595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48676	68107	Zinc	238.7894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48677	68107	Zinc	174.5136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48679	68107	Zinc	870.8496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48680	68107	Zinc	459.0822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48681	68107	Zinc	384.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48682	68107	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48684	68107	Zinc	522.6994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48685	68107	Zinc	153.8923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48687	68107	Zinc	164.2608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48689	68107	Zinc	167.358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48691	68107	Zinc	213.2998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48693	68107	Zinc	435.1145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48694	68107	Zinc	416.6381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48695	68107	Zinc	292.1983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48696	68107	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48697	68107	Zinc	246.1942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48698	68107	Zinc	523.6339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48699	68107	Zinc	334.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48701	68107	Zinc	620.7863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48702	68107	Zinc	662.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48703	68107	Zinc	432.6403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48705	68107	Zinc	587.6961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48708	68107	Zinc	446.4353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48710	68107	Zinc	591.7545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48711	68107	Zinc	197.2086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48715	68107	Zinc	611.2989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48718	68107	Zinc	917.984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48719	68107	Zinc	1441.037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48720	68107	Zinc	488.0606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48721	68107	Zinc	1083.524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48722	68107	Zinc	403.8488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48723	68107	Zinc	389.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48724	68107	Zinc	359.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48725	68107	Zinc	332.4886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48726	68107	Zinc	551.1794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48727	68107	Zinc	355.237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48728	68107	Zinc	212.8192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48731	68107	Zinc	283.7878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48732	68107	Zinc	335.1052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48733	68107	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48734	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48736	68107	Zinc	377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48737	68107	Zinc	359.8917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48738	68107	Zinc	577.0962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48739	68107	Zinc	360.666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48741	68107	Zinc	364.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48743	68107	Zinc	493.8634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48744	68107	Zinc	206.2866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48745	68107	Zinc	613.6129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48746	68107	Zinc	541.6208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48747	68107	Zinc	440	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
48760	68107	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48762	68107	Zinc	307.5241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48764	68107	Zinc	493.8278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48765	68107	Zinc	285.8793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48766	68107	Zinc	296.8441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48767	68107	Zinc	835.8548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48768	68107	Zinc	221.4611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48771	68107	Zinc	190.4446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48772	68107	Zinc	188.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48773	68107	Zinc	297.9121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48774	68107	Zinc	226.9524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48775	68107	Zinc	235.1137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48776	68107	Zinc	1578.008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
48777	68107	Zinc	199.1399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48778	68107	Zinc	255.6104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48779	68107	Zinc	1107.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48780	68107	Zinc	212.4187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48782	68107	Zinc	302.1307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48783	68107	Zinc	280.6461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48784	68107	Zinc	219.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48785	68107	Zinc	266.5841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48786	68107	Zinc	232.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48791	68107	Zinc	383.8683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48795	68107	Zinc	214.2521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48796	68107	Zinc	596.5427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48797	68107	Zinc	512.589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48798	68107	Zinc	284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48799	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48800	68107	Zinc	165.8094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48801	68107	Zinc	432.8628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48803	68107	Zinc	182.7194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48804	68107	Zinc	299.2204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48805	68107	Zinc	213.0862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48806	68107	Zinc	315.5608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48807	68107	Zinc	164.7503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48810	68107	Zinc	180.9038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48811	68107	Zinc	282.0612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48813	68107	Zinc	473.0908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48814	68107	Zinc	166.6282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48815	68107	Zinc	223.6149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48816	68107	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48817	68107	Zinc	202.9847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48818	68107	Zinc	337.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48819	68107	Zinc	547.2545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48820	68107	Zinc	162.997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48821	68107	Zinc	371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48822	68107	Zinc	797.389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48823	68107	Zinc	313.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48824	68107	Zinc	185.6297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48825	68107	Zinc	405.3351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48826	68107	Zinc	288.3624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48827	68107	Zinc	443.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48830	68107	Zinc	248.081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48831	68107	Zinc	257.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48832	68107	Zinc	322.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48833	68107	Zinc	272.1555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48835	68107	Zinc	282.0167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48836	68107	Zinc	262.9618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48837	68107	Zinc	221.1407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48838	68107	Zinc	500.663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48839	68107	Zinc	439.4221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48840	68107	Zinc	125.9285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48841	68107	Zinc	334.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48844	68107	Zinc	148.6769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48846	68107	Zinc	237.4099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48847	68107	Zinc	309.2774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48848	68107	Zinc	178.0736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48850	68107	Zinc	295.9452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48851	68107	Zinc	572.1745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48852	68107	Zinc	186.2527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48853	68107	Zinc	259.3484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48854	68107	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48855	68107	Zinc	374.5856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48856	68107	Zinc	578.2621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48857	68107	Zinc	321.506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48858	68107	Zinc	320.9453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48860	68107	Zinc	123.6946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48861	68107	Zinc	120.0011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48862	68107	Zinc	216.6017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48864	68107	Zinc	215.8808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48867	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48868	68107	Zinc	293.8181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48869	68107	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48871	68107	Zinc	573.9634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48872	68107	Zinc	177.4239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48873	68107	Zinc	665.6512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48874	68107	Zinc	226.4718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48875	68107	Zinc	173.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
48889	68107	Zinc	753.0937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48892	68107	Zinc	218.1681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48893	68107	Zinc	365.8191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48897	68107	Zinc	298.5618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48898	68107	Zinc	155.4854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48899	68107	Zinc	572.4682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48900	68107	Zinc	179.3018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48901	68107	Zinc	377.843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48902	68107	Zinc	197.5379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48903	68107	Zinc	279.6404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48904	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48905	68107	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48906	68107	Zinc	126.8452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48907	68107	Zinc	428.0123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48908	68107	Zinc	186.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48910	68107	Zinc	295.4112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48914	68107	Zinc	444.8778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48916	68107	Zinc	389.0036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48917	68107	Zinc	354.8009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48920	68107	Zinc	186.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48921	68107	Zinc	347.3427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48923	68107	Zinc	398.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48925	68107	Zinc	322.2091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48926	68107	Zinc	363.5407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48927	68107	Zinc	753.1115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48929	68107	Zinc	257.3993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48931	68107	Zinc	866.7378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48932	68107	Zinc	282.524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48935	68107	Zinc	229.0795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48936	68107	Zinc	159.4726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
48937	68107	Zinc	332.0881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48939	68107	Zinc	1251.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48941	68107	Zinc	407.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48943	68107	Zinc	281.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48944	68107	Zinc	256.4114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48946	68107	Zinc	442.2523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48948	68107	Zinc	204.471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48949	68107	Zinc	222.4935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48952	68107	Zinc	254.0262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48953	68107	Zinc	149.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48954	68107	Zinc	194.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48956	68107	Zinc	320.9275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48958	68107	Zinc	1413.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
48959	68107	Zinc	325.7958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48962	68107	Zinc	347.9835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48963	68107	Zinc	307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48964	68107	Zinc	497.0407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
48965	68107	Zinc	356.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48968	68107	Zinc	535.6133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
48969	68107	Zinc	346.8799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48971	68107	Zinc	230.548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48972	68107	Zinc	308.7078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48973	68107	Zinc	868.3843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
48974	68107	Zinc	276.4898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48975	68107	Zinc	410.3369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48976	68107	Zinc	186.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48977	68107	Zinc	347.6453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48978	68107	Zinc	508.0411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
48981	68107	Zinc	199.4603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48982	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48983	68107	Zinc	376.9708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
48984	68107	Zinc	326.5345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48985	68107	Zinc	601.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
48986	68107	Zinc	292.848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48987	68107	Zinc	325.9204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
48988	68107	Zinc	155.7791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
48989	68107	Zinc	413.2739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
48990	68107	Zinc	588.2034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
48991	68107	Zinc	269.4855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48992	68107	Zinc	359.7048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
48994	68107	Zinc	220.3041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
48996	68107	Zinc	449.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
48997	68107	Zinc	213.7982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
48998	68107	Zinc	292.5187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
48999	68107	Zinc	239.893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49000	68107	Zinc	213.5045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49001	68107	Zinc	414.4309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49002	68107	Zinc	460.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49003	68107	Zinc	1292.407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49006	68107	Zinc	114.2873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49007	68107	Zinc	362.9177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49008	68107	Zinc	157.2832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49009	68107	Zinc	286.3065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49012	68107	Zinc	199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49013	68107	Zinc	397.0225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49014	68107	Zinc	229.0172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49015	68107	Zinc	589.3604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49016	68107	Zinc	304.0887	3.00E-01

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
49032	68107	Zinc	270.4912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49033	68107	Zinc	273.5884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49035	68107	Zinc	340.4363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49036	68107	Zinc	200.9733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49037	68107	Zinc	368.4001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49038	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49040	68107	Zinc	362.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49042	68107	Zinc	616.0426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49044	68107	Zinc	195.393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49046	68107	Zinc	452.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49048	68107	Zinc	408.459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49050	68107	Zinc	205.8772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49052	68107	Zinc	414.0749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49053	68107	Zinc	544.7002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49054	68107	Zinc	370.6607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49055	68107	Zinc	135.318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49056	68107	Zinc	376.0274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49058	68107	Zinc	479.7124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49059	68107	Zinc	179.9871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49061	68107	Zinc	406.7947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49062	68107	Zinc	572.7441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49063	68107	Zinc	886.0775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49066	68107	Zinc	331.9457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49067	68107	Zinc	187.0626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49068	68107	Zinc	378.3859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49070	68107	Zinc	157.1052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49071	68107	Zinc	234.6954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49072	68107	Zinc	289.9377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49074	68107	Zinc	371.4706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49075	68107	Zinc	234.0546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49076	68107	Zinc	269.4054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49077	68107	Zinc	223.4369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49078	68107	Zinc	321.8264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49079	68107	Zinc	542.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49081	68107	Zinc	311.1464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49082	68107	Zinc	433.0319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49083	68107	Zinc	354.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49085	68107	Zinc	309.4999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49087	68107	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49088	68107	Zinc	344.8507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49091	68107	Zinc	341.1661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49092	68107	Zinc	303.9018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49093	68107	Zinc	404.8634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49095	68107	Zinc	231.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49096	68107	Zinc	475.6807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49098	68107	Zinc	269.9127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49099	68107	Zinc	246.8172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49100	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49104	68107	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49105	68107	Zinc	481.8306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49106	68107	Zinc	367.786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49107	68107	Zinc	974.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
49109	68107	Zinc	504.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49111	68107	Zinc	206.3756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49112	68107	Zinc	346.7998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49113	68107	Zinc	495.3052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49114	68107	Zinc	327.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49115	68107	Zinc	220.402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49116	68107	Zinc	761.522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49117	68107	Zinc	228.7591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49118	68107	Zinc	1216.223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49119	68107	Zinc	444.3616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49120	68107	Zinc	718.2324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49121	68107	Zinc	368.1242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49122	68107	Zinc	289.3859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49123	68107	Zinc	607.4452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49124	68107	Zinc	597.9222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49125	68107	Zinc	483.1923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49126	68107	Zinc	188.2374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49127	68107	Zinc	306.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49128	68107	Zinc	175.8664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49131	68107	Zinc	345.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49132	68107	Zinc	453.5998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49133	68107	Zinc	346.8443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49134	68107	Zinc	441.6115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49135	68107	Zinc	316.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49136	68107	Zinc	176.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49137	68107	Zinc	498.3045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49138	68107	Zinc	504.0984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49139	68107	Zinc	240.8631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49165	68107	Zinc	457.3556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49167	68107	Zinc	293.6401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49172	68107	Zinc	266.7977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49173	68107	Zinc	201.2403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49174	68107	Zinc	317.7235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49184	68107	Zinc	233.307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49185	68107	Zinc	443.2313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49186	68107	Zinc	203.2962	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
49221	68107	Zinc	143.4971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49222	68107	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49223	68107	Zinc	130.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49224	68107	Zinc	131.0193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49225	68107	Zinc	151.3647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49226	68107	Zinc	435.1768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49227	68107	Zinc	367.6169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49229	68107	Zinc	200.644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49230	68107	Zinc	136.831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49231	68107	Zinc	220.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49232	68107	Zinc	265.8632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49233	68107	Zinc	167.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49234	68107	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49235	68107	Zinc	106.9359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49236	68107	Zinc	55.307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	9E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	9E-05
49239	68107	Zinc	1185.073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49240	68107	Zinc	348.9358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49245	68107	Zinc	385.3813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49249	68107	Zinc	316.7445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49250	68107	Zinc	209.099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49251	68107	Zinc	421.8891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49252	68107	Zinc	269.8237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49368	68107	Zinc	443.4983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49369	68107	Zinc	538.7995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49371	68107	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49372	68107	Zinc	110.7184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49375	68107	Zinc	130.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49377	68107	Zinc	125.5636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49378	68107	Zinc	136.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49379	68107	Zinc	180.9928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49380	68107	Zinc	118.1677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49382	68107	Zinc	159.3391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49383	68107	Zinc	193.6041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49385	68107	Zinc	201.0178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49386	68107	Zinc	915.937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49387	68107	Zinc	149.9585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49388	68107	Zinc	175.1633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49389	68107	Zinc	178.6966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49390	68107	Zinc	251.8457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49391	68107	Zinc	199.8786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49392	68107	Zinc	121.0869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49393	68107	Zinc	147.0393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49394	68107	Zinc	189.6614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49395	68107	Zinc	242.0557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49396	68107	Zinc	259.6154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49397	68107	Zinc	183.2801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49398	68107	Zinc	312.4547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49400	68107	Zinc	499.2479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49401	68107	Zinc	163.5577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49402	68107	Zinc	143.7819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49403	68107	Zinc	146.3718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49404	68107	Zinc	409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49405	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49406	68107	Zinc	329.9165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49408	68107	Zinc	184.6952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49410	68107	Zinc	214.8395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49411	68107	Zinc	135.5227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49412	68107	Zinc	135.3803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49413	68107	Zinc	1424.839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49414	68107	Zinc	282.4261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49416	68107	Zinc	738.4443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49417	68107	Zinc	207.7818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49418	68107	Zinc	174.0597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49419	68107	Zinc	126.5871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49420	68107	Zinc	513.1408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49421	68107	Zinc	149.4957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49425	68107	Zinc	198.6771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49428	68107	Zinc	299.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49429	68107	Zinc	569.5846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49430	68107	Zinc	258.5029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49432	68107	Zinc	152.6285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49433	68107	Zinc	225.5373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49434	68107	Zinc	201.445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49435	68107	Zinc	129.3194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49436	68107	Zinc	223.8641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49437	68107	Zinc	158.9564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49438	68107	Zinc	346.2124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49439	68107	Zinc	179.0526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49441	68107	Zinc	145.2237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49442	68107	Zinc	162.2939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49443	68107	Zinc	173.0095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49444	68107	Zinc	179.3107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49445	68107	Zinc	139.5633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49446	68107	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49447	68107	Zinc	157.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49448	68107	Zinc	173.499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49449	68107	Zinc	128.4294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49450	68107	Zinc	136.7509	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE									CTE										
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49466	68107	Zinc	169.0223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49467	68107	Zinc	293.5867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49468	68107	Zinc	615.9714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49469	68107	Zinc	177.2993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49470	68107	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49471	68107	Zinc	419.1123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49473	68107	Zinc	179.7023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49474	68107	Zinc	335.5591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49475	68107	Zinc	139.6256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49476	68107	Zinc	164.7414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49482	68107	Zinc	293.4799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50008	68107	Zinc	173.855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50135	68107	Zinc	224.6651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50136	68107	Zinc	258.8945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50137	68107	Zinc	225.1991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50138	68107	Zinc	242.7054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50139	68107	Zinc	217.1802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50140	68107	Zinc	253.2875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50141	68107	Zinc	237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50142	68107	Zinc	255.379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50143	68107	Zinc	311.3778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50144	68107	Zinc	264.7596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50153	68107	Zinc	216.6195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50154	68107	Zinc	238.0507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50155	68107	Zinc	147.6623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50156	68107	Zinc	307.8712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50157	68107	Zinc	271.0163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50158	68107	Zinc	181.3933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50159	68107	Zinc	227.2283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50160	68107	Zinc	170.9002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50161	68107	Zinc	176.6318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50162	68107	Zinc	222.8851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50163	68107	Zinc	317.0738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50164	68107	Zinc	205.0317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50165	68107	Zinc	210.3717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50166	68107	Zinc	223.4547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50167	68107	Zinc	224.2023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50168	68107	Zinc	253.5901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50169	68107	Zinc	208.8409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50170	68107	Zinc	242.919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50171	68107	Zinc	270.9451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50172	68107	Zinc	285.6123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50173	68107	Zinc	229.0795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50174	68107	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50175	68107	Zinc	228.6078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50176	68107	Zinc	400.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50177	68107	Zinc	203.1271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50178	68107	Zinc	159.7841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50179	68107	Zinc	172.6802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50180	68107	Zinc	260.452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50181	68107	Zinc	172.0038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50182	68107	Zinc	157.4167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50183	68107	Zinc	181.6781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50184	68107	Zinc	197.3599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50185	68107	Zinc	188.7358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50186	68107	Zinc	170.1971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50187	68107	Zinc	204.3909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50188	68107	Zinc	274.6742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50189	68107	Zinc	258.6097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50190	68107	Zinc	148.3832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50191	68107	Zinc	160.7275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50192	68107	Zinc	179.1683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50193	68107	Zinc	212.0449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50194	68107	Zinc	235.5587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50195	68107	Zinc	213.6202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50196	68107	Zinc	152.8243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50197	68107	Zinc	177.5307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50198	68107	Zinc	160.0155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50199	68107	Zinc	205.6191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50200	68107	Zinc	268.7735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50201	68107	Zinc	182.1943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50202	68107	Zinc	150.4747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50203	68107	Zinc	209.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50204	68107	Zinc	315.9079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50205	68107	Zinc	143.0165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50206	68107	Zinc	170.1971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50207	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50208	68107	Zinc	131.758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50209	68107	Zinc	149.7894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50210	68107	Zinc	167.4114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50211	68107	Zinc	190.7917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50212	68107	Zinc	183.3424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50213	68107	Zinc	161.3772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50214	68107	Zinc	132.3276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50215	68107	Zinc	174.3534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50216	68107	Zinc	205.4678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50217	68107	Zinc	172.3687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50218	68107	Zinc	143.7997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50229	68107	Zinc	221.1496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50230	68107	Zinc	182.1409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50231	68107	Zinc	247.6271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50232	68107	Zinc	136.1813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50233	68107	Zinc	193.3015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50234	68107	Zinc	188.0594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50235	68107	Zinc	165.0796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50236	68107	Zinc	158.4224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50237	68107	Zinc	218.9513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50238	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50239	68107	Zinc	175.4392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50240	68107	Zinc	249.8966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50241	68107	Zinc	188.2908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50242	68107	Zinc	771.2497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50243	68107	Zinc	204.827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50244	68107	Zinc	140.6402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50245	68107	Zinc	170.0903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50246	68107	Zinc	193.7198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50247	68107	Zinc	172.1729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50248	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50249	68107	Zinc	163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50250	68107	Zinc	281.9544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50251	68107	Zinc	172.4933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50262	68107	Zinc	597.7798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
50263	68107	Zinc	189.8572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50264	68107	Zinc	161.1814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50265	68107	Zinc	198.0096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50266	68107	Zinc	141.6103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50267	68107	Zinc	199.4781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50268	68107	Zinc	155.5922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50269	68107	Zinc	152.7798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50270	68107	Zinc	289.7864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50271	68107	Zinc	129.9335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50272	68107	Zinc	270.1352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50273	68107	Zinc	227.7178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50274	68107	Zinc	224.318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50275	68107	Zinc	219.2094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50276	68107	Zinc	182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50277	68107	Zinc	135.4693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50278	68107	Zinc	146.3184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50279	68107	Zinc	169.7699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50280	68107	Zinc	163.9671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50281	68107	Zinc	263.5937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50282	68107	Zinc	181.9451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50283	68107	Zinc	174.7717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50284	68107	Zinc	153.3939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50285	68107	Zinc	234.8823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50286	68107	Zinc	166.023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50287	68107	Zinc	182.0697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50288	68107	Zinc	175.2701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50289	68107	Zinc	193.0879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50290	68107	Zinc	239.003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50291	68107	Zinc	214.9285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50292	68107	Zinc	141.0585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50293	68107	Zinc	195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50294	68107	Zinc	169.1113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50295	68107	Zinc	181.0284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50296	68107	Zinc	182.2833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50297	68107	Zinc	190.3823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50298	68107	Zinc	181.1441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50299	68107	Zinc	155.0849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50300	68107	Zinc	247.1554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50301	68107	Zinc	190.9697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50302	68107	Zinc	192.7586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50303	68107	Zinc	213.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50304	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50305	68107	Zinc	211.2617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50306	68107	Zinc	168.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50307	68107	Zinc	322.7431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50308	68107	Zinc	224.6117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50309	68107	Zinc	194.325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50310	68107	Zinc	223.873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50311	68107	Zinc	193.3193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50312	68107	Zinc	214.4924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50313	68107	Zinc	201.6764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50314	68107	Zinc	205.1919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50315	68107	Zinc	168.8888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50316	68107	Zinc	195.7223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50317	68107	Zinc	155.6901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50318	68107	Zinc	193.613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50319	68107	Zinc	153.5274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50320	68107	Zinc	207.408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50321	68107	Zinc	193.8444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50322	68107	Zinc	134.8107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50323	68107	Zinc	154.5954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50324	68107	Zinc	228.3853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50325	68107	Zinc	264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50326	68107	Zinc	288.5226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50337	68107	Zinc	233.0222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50338	68107	Zinc	171.8881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50339	68107	Zinc	191.0943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50340	68107	Zinc	196.3097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50341	68107	Zinc	236.9649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50342	68107	Zinc	238.7805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50343	68107	Zinc	255.2455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50344	68107	Zinc	246.7015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50345	68107	Zinc	335.7549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50346	68107	Zinc	229.8627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50347	68107	Zinc	327.7271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50348	68107	Zinc	223.1877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50349	68107	Zinc	182.2032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50350	68107	Zinc	253.6346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50351	68107	Zinc	239.1276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50352	68107	Zinc	326.3743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50353	68107	Zinc	226.9613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50354	68107	Zinc	145.5085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50357	68107	Zinc	320.8474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50358	68107	Zinc	176.1512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50359	68107	Zinc	160.2291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50360	68107	Zinc	170.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50361	68107	Zinc	265.6318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50362	68107	Zinc	201.9256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50365	68107	Zinc	153.0201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50373	68107	Zinc	214.4479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50374	68107	Zinc	159.6773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50385	68107	Zinc	221.3009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50386	68107	Zinc	185.2915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50387	68107	Zinc	262.7838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50388	68107	Zinc	187.3385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50389	68107	Zinc	185.0601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50420	68107	Zinc	217.5985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50535	68107	Zinc	719.5585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50537	68107	Zinc	664.2717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50548	68107	Zinc	513.4968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
50552	68107	Zinc	338.6029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50587	68107	Zinc	217.9723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50588	68107	Zinc	106.3129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50630	68107	Zinc	710.6852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50631	68107	Zinc	446.2128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
52248	68107	Zinc	133.9741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52415	68107	Zinc	163.3797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52418	68107	Zinc	250.1369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
57178	68107	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
62354	68107	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
64027	68107	Zinc	238.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
64253	68107	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
70328	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
73069	68107	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
75136	68107	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
75137	68107	Zinc	477.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
76891	68107	Zinc	280	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
78415	68107	Zinc	179.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
82242	68107	Zinc	461.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
82245	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
87461	68107	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
87462	68107	Zinc	484.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
87944	68107	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
88137	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
88138	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89358	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89377	68107	Zinc	127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89384	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
89408	68107	Zinc	324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
89692	68107	Zinc	177.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90259	68107	Zinc	114.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90316	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90332	68107	Zinc	249.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
90517	68107	Zinc	230.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
90518	68107	Zinc	555.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
90897	68107	Zinc	541.6386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
91079	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
91080	68107	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
93231	68107	Zinc	189.9462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93312	68107	Zinc	368.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
93391	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
93495	68107	Zinc	468.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
93519	68107	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
9	68108	Zinc	294.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
11	68108	Zinc	232.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13	68108	Zinc	634.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14	68108	Zinc	1241.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17	68108	Zinc	534.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19	68108	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
46	68108	Zinc	268.106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
48	68108	Zinc	321.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
54	68108	Zinc	613.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
55	68108	Zinc	299.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
65	68108	Zinc	150.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
66	68108	Zinc	1669.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
68	68108	Zinc	280.388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
86	68108	Zinc	329.338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
89	68108	Zinc	589.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
91	68108	Zinc	114.225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
96	68108	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
100	68108	Zinc	100.163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
101	68108	Zinc	143.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
102	68108	Zinc	235.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
103	68108	Zinc	124.015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
104	68108	Zinc	227.878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
105	68108	Zinc	91.886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
108	68108	Zinc	124.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
109	68108	Zinc	244.254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
110	68108	Zinc	280.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
111	68108	Zinc	285.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
112	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
119	68108	Zinc	489.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
122	68108	Zinc	341.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
124	68108	Zinc	329.516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
126	68108	Zinc	547.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
129	68108	Zinc	300.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
130	68108	Zinc	218.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
131	68108	Zinc	560.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
132	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
133	68108	Zinc	223.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
134	68108	Zinc	476.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
135	68108	Zinc	1170.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
136	68108	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
138	68108	Zinc	236.422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
139	68108	Zinc	536.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
140	68108	Zinc	417.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
143	68108	Zinc	321.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
145	68108	Zinc	273.446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
148	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
150	68108	Zinc	328.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
151	68108	Zinc	274.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
156	68108	Zinc	560.916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
158	68108	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
162	68108	Zinc	375.262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
166	68108	Zinc	305.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
167	68108	Zinc	229.302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
172	68108	Zinc	449.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
175	68108	Zinc	225.386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
176	68108	Zinc	361.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
177	68108	Zinc	238.914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
179	68108	Zinc	370.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
183	68108	Zinc	226.098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
185	68108	Zinc	392.884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
187	68108	Zinc	270.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
190	68108	Zinc	566.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
205	68108	Zinc	204.827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
207	68108	Zinc	356.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
216	68108	Zinc	353.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
229	68108	Zinc	603.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
257	68108	Zinc	220.758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
258	68108	Zinc	271.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
260	68108	Zinc	319.548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
262	68108	Zinc	245.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
263	68108	Zinc	291.246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
264	68108	Zinc	235.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
265	68108	Zinc	228.946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
267	68108	Zinc	686.584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
269	68108	Zinc	204.827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
271	68108	Zinc	313.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
273	68108	Zinc	608.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
274	68108	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
275	68108	Zinc	138.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
278	68108	Zinc	583.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
279	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
280	68108	Zinc	323.998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
281	68108	Zinc	366.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
284	68108	Zinc	227.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
286	68108	Zinc	260.274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
287	68108	Zinc	519.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
288	68108	Zinc	236.778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
298	68108	Zinc	347.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
327	68108	Zinc	318.658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
356	68108	Zinc	254.578	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
359	68108	Zinc	149.558	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
362	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
366	68108	Zinc	387.9	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
372	68108	Zinc	244.254	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
375	68108	Zinc	130.957	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
377	68108	Zinc	452.692	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
380	68108	Zinc	117.785	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
381	68108	Zinc	268.996	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
384	68108	Zinc	146.354	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
394	68108	Zinc	363.514	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
455	68108	Zinc	447.352	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
490	68108	Zinc	408.192	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
493	68108	Zinc	221.47	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
501	68108	Zinc	336.102	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
505	68108	Zinc	155.076	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
511	68108	Zinc	167.714	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
513	68108	Zinc	754.936	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
521	68108	Zinc	168.515	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
523	68108	Zinc	261.342	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
524	68108	Zinc	332.186	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
525	68108	Zinc	100.074	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
526	68108	Zinc	225.92	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
531	68108	Zinc	617.164	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
536	68108	Zinc	156.322	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
545	68108	Zinc	338.238	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
549	68108	Zinc	244.432	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
550	68108	Zinc	520.332	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
556	68108	Zinc	500.04	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
557	68108	Zinc	220.046	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
596	68108	Zinc	557.712	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
601	68108	Zinc	311.538	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
634	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
636	68108	Zinc	136.831	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
649	68108	Zinc	492.564	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
656	68108	Zinc	97.849	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
657	68108	Zinc	2274.344	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
700	68108	Zinc	433.468	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
701	68108	Zinc	366.54	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
711	68108	Zinc	471.916	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
723	68108	Zinc	177.237	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
734	68108	Zinc	243.898	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
752	68108	Zinc	121.612	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
759	68108	Zinc	324.532	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
800	68108	Zinc	293.916	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
806	68108	Zinc	370.634	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
812	68108	Zinc	234.998	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
815	68108	Zinc	214.172	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
819	68108	Zinc	282.524	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
870	68108	Zinc	179.818	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
897	68108	Zinc	277.718	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
933	68108	Zinc	283.058	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
989	68108	Zinc	448.776	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
995	68108	Zinc	410.684	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1004	68108	Zinc	194.325	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1171	68108	Zinc	658.46	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1250	68108	Zinc	370.456	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1387	68108	Zinc	420.296	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1391	68108	Zinc	372.592	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1395	68108	Zinc	306.91	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1398	68108	Zinc	339.128	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1508	68108	Zinc	347.138	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1513	68108	Zinc	299.968	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1514	68108	Zinc	344.824	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1522	68108	Zinc	273.802	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1523	68108	Zinc	471.204	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1525	68108	Zinc	405.344	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1526	68108	Zinc	266.148	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1527	68108	Zinc	1126.6	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
1529	68108	Zinc	497.192	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1556	68108	Zinc	323.82	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1557	68108	Zinc	586.192	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
1558	68108	Zinc	156.5	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1559	68108	Zinc	881.672	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1561	68108	Zinc	143.417	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1567	68108	Zinc	140.569	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1568	68108	Zinc	355.148	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1569	68108	Zinc	505.736	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
1579	68108	Zinc	367.608	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1581	68108	Zinc	318.658	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1582	68108	Zinc	361.912	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1585	68108	Zinc	317.59	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1586	68108	Zinc	577.826	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
1588	68108	Zinc	262.232	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1589	68108	Zinc	356.038	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1591	68108	Zinc	349.986	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1601	68108	Zinc	1117.344	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
1613	68108	Zinc	169.494	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2388	68108	Zinc	184.1612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2471	68108	Zinc	534.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
2518	68108	Zinc	362.0544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2519	68108	Zinc	582.3828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
2521	68108	Zinc	270.3221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2522	68108	Zinc	417.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2527	68108	Zinc	475.5472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
2530	68108	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2531	68108	Zinc	985.001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
2532	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3005	68108	Zinc	283.4496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
3100	68108	Zinc	380.8957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5024	68108	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5048	68108	Zinc	466.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5075	68108	Zinc	496.124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5078	68108	Zinc	335.924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5080	68108	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5081	68108	Zinc	291.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5084	68108	Zinc	180.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5087	68108	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5088	68108	Zinc	254.934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5093	68108	Zinc	992.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5225	68108	Zinc	1437.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5226	68108	Zinc	219.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5227	68108	Zinc	263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5229	68108	Zinc	267.8835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5284	68108	Zinc	570.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5300	68108	Zinc	185.069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5301	68108	Zinc	294.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5302	68108	Zinc	246.034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5303	68108	Zinc	460.524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5304	68108	Zinc	450.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5305	68108	Zinc	178.661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5306	68108	Zinc	329.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5307	68108	Zinc	273.802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5321	68108	Zinc	540.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5323	68108	Zinc	327.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5324	68108	Zinc	514.3423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5332	68108	Zinc	518.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5385	68108	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5386	68108	Zinc	373.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5387	68108	Zinc	325.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5390	68108	Zinc	241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5391	68108	Zinc	227.522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5392	68108	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5393	68108	Zinc	312.8374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5394	68108	Zinc	788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5395	68108	Zinc	452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5396	68108	Zinc	265.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5397	68108	Zinc	147.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5398	68108	Zinc	415.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5399	68108	Zinc	436.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5400	68108	Zinc	434.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5401	68108	Zinc	380.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5402	68108	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5403	68108	Zinc	348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5404	68108	Zinc	304.596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5405	68108	Zinc	299.078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5407	68108	Zinc	343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5408	68108	Zinc	366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5409	68108	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5410	68108	Zinc	503.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5411	68108	Zinc	498.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5412	68108	Zinc	298.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5413	68108	Zinc	672.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5415	68108	Zinc	481.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5416	68108	Zinc	229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5417	68108	Zinc	150.537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5418	68108	Zinc	209.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5422	68108	Zinc	406.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5423	68108	Zinc	253.154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5425	68108	Zinc	395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5426	68108	Zinc	120.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5427	68108	Zinc	434.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5428	68108	Zinc	206.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5429	68108	Zinc	144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5430	68108	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5431	68108	Zinc	373.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5432	68108	Zinc	721.472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5433	68108	Zinc	451.268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5434	68108	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5435	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5436	68108	Zinc	529.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5437	68108	Zinc	282.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5438	68108	Zinc	671.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5439	68108	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5440	68108	Zinc	701.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5443	68108	Zinc	190.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
5458	68108	Zinc	235.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5459	68108	Zinc	296.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5460	68108	Zinc	169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5461	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5462	68108	Zinc	264.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5463	68108	Zinc	251.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5466	68108	Zinc	256.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5467	68108	Zinc	217.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5468	68108	Zinc	460.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5469	68108	Zinc	138.255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5470	68108	Zinc	179.729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5471	68108	Zinc	492.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5472	68108	Zinc	233.574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5473	68108	Zinc	508.584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5474	68108	Zinc	366.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5476	68108	Zinc	141.281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5477	68108	Zinc	116.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5480	68108	Zinc	524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5481	68108	Zinc	271.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5482	68108	Zinc	346.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5483	68108	Zinc	228.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5484	68108	Zinc	301.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5485	68108	Zinc	353.546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5491	68108	Zinc	239.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5492	68108	Zinc	565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5500	68108	Zinc	474.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5502	68108	Zinc	381.4119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5504	68108	Zinc	334.322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5505	68108	Zinc	321.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5510	68108	Zinc	240.338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5511	68108	Zinc	141.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5512	68108	Zinc	192.545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5571	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5572	68108	Zinc	230	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5573	68108	Zinc	306.732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5574	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5583	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5587	68108	Zinc	690.2597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5588	68108	Zinc	339.8311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5589	68108	Zinc	404.9613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5591	68108	Zinc	433.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5603	68108	Zinc	268.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5605	68108	Zinc	87.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
5606	68108	Zinc	302.994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5607	68108	Zinc	308.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5608	68108	Zinc	269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5609	68108	Zinc	298.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5623	68108	Zinc	308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5628	68108	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5630	68108	Zinc	359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5633	68108	Zinc	365.116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5634	68108	Zinc	419.584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5636	68108	Zinc	852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5637	68108	Zinc	467.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5638	68108	Zinc	541.7098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5652	68108	Zinc	429.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5653	68108	Zinc	192.723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5656	68108	Zinc	279.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5657	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5658	68108	Zinc	154.038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5659	68108	Zinc	288.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5660	68108	Zinc	912.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5663	68108	Zinc	467.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5664	68108	Zinc	422.9037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5672	68108	Zinc	410.3458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5673	68108	Zinc	254.9162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5674	68108	Zinc	275.2438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5682	68108	Zinc	560.5778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5683	68108	Zinc	427.4872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5693	68108	Zinc	326.223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5694	68108	Zinc	367.0651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5695	68108	Zinc	270.0373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12734	68108	Zinc	287.1253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12745	68108	Zinc	515.793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12758	68108	Zinc	383.2275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12773	68108	Zinc	231.2155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12782	68108	Zinc	225.5996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12795	68108	Zinc	200.822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12806	68108	Zinc	314.6441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12808	68108	Zinc	514.4936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12816	68108	Zinc	338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
12822	68108	Zinc	376.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12824	68108	Zinc	135.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
12828	68108	Zinc	392.3767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12832	68108	Zinc	224.5138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12842	68108	Zinc	225.0033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12859	68108	Zinc	517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
12880	68108	Zinc	290.4183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
12919	68108	Zinc	194.8412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12922	68108	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12924	68108	Zinc	204.7113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12925	68108	Zinc	299.5052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
12926	68108	Zinc	255.3701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12931	68108	Zinc	649.3464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
12933	68108	Zinc	376.2054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12937	68108	Zinc	169.583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12938	68108	Zinc	252.8247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12939	68108	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12940	68108	Zinc	195.7935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12942	68108	Zinc	489.7783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
12947	68108	Zinc	254.8361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12953	68108	Zinc	191.3969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12956	68108	Zinc	230.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
12957	68108	Zinc	263.3178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
12960	68108	Zinc	186.4129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
12977	68108	Zinc	381.6433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
12980	68108	Zinc	357.2484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
12986	68108	Zinc	323.9357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13000	68108	Zinc	231.2956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13002	68108	Zinc	425.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13007	68108	Zinc	596.7741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13008	68108	Zinc	282.9512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13011	68108	Zinc	545.6703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
13014	68108	Zinc	332.7912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13019	68108	Zinc	222.3244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13020	68108	Zinc	287.2588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13029	68108	Zinc	422.1116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13031	68108	Zinc	201.9701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13041	68108	Zinc	160.7097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13046	68108	Zinc	242.296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13047	68108	Zinc	367.2075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13049	68108	Zinc	297.1823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13058	68108	Zinc	264.7151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13061	68108	Zinc	242.6698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13067	68108	Zinc	340.018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13071	68108	Zinc	201.267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13079	68108	Zinc	788.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13082	68108	Zinc	174.389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13090	68108	Zinc	256.7407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13094	68108	Zinc	255.8774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13097	68108	Zinc	296.2745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13099	68108	Zinc	620.9109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13101	68108	Zinc	582.3205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
13102	68108	Zinc	737.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13103	68108	Zinc	677.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13105	68108	Zinc	347.3694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13108	68108	Zinc	633.0861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13109	68108	Zinc	423.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13113	68108	Zinc	380.2015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13115	68108	Zinc	298.3126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13116	68108	Zinc	391.9317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13117	68108	Zinc	290.3738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13118	68108	Zinc	187.0448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13119	68108	Zinc	231.6961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13120	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13123	68108	Zinc	326.846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13126	68108	Zinc	782.4548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13127	68108	Zinc	254.2665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13130	68108	Zinc	252.798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13131	68108	Zinc	310.5145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13132	68108	Zinc	385.3279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13133	68108	Zinc	329.2846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13134	68108	Zinc	187.4542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13135	68108	Zinc	334.8382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13136	68108	Zinc	250.8934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13138	68108	Zinc	335.3277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13139	68108	Zinc	375.5824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13140	68108	Zinc	266.4417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13141	68108	Zinc	229.6224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13142	68108	Zinc	457.3823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13143	68108	Zinc	698.6346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13144	68108	Zinc	612.447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13145	68108	Zinc	221.114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13146	68108	Zinc	438.8436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13148	68108	Zinc	249.8788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13149	68108	Zinc	307.1681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13152	68108	Zinc	198.9619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13153	68108	Zinc	263.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13154	68108	Zinc	428.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13155	68108	Zinc	239.6082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13156	68108	Zinc	267.6165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13157	68108	Zinc	281.2513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13159	68108	Zinc	328.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13164	68108	Zinc	722.3976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13169	68108	Zinc	153.9813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13171	68108	Zinc	301.5522	3.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13210	68108	Zinc	387.8911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13213	68108	Zinc	181.5624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13214	68108	Zinc	361.734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13217	68108	Zinc	314.6085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13218	68108	Zinc	295.5002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13220	68108	Zinc	223.428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13222	68108	Zinc	459.5183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13224	68108	Zinc	293.4443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13225	68108	Zinc	368.2666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13227	68108	Zinc	379.0445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13232	68108	Zinc	731.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13233	68108	Zinc	267.4385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13239	68108	Zinc	265.1868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13241	68108	Zinc	557.089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
13242	68108	Zinc	157.1141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13246	68108	Zinc	188.2908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13247	68108	Zinc	197.3955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13253	68108	Zinc	283.8768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13254	68108	Zinc	432.845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13258	68108	Zinc	280.1566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13260	68108	Zinc	250.9913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13267	68108	Zinc	570.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
13275	68108	Zinc	153.8033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13276	68108	Zinc	225.2258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13277	68108	Zinc	313.9677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13278	68108	Zinc	283.1559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13286	68108	Zinc	425.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13289	68108	Zinc	361.9654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13291	68108	Zinc	371.0434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13292	68108	Zinc	157.479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13293	68108	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13296	68108	Zinc	493.5341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13300	68108	Zinc	113.0235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13304	68108	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13308	68108	Zinc	214.5636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13311	68108	Zinc	372.9658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13314	68108	Zinc	332.0347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13316	68108	Zinc	448.0907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13328	68108	Zinc	184.179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13329	68108	Zinc	157.2832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13330	68108	Zinc	282.0078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13333	68108	Zinc	987.671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
13335	68108	Zinc	246.3544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13337	68108	Zinc	371.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13339	68108	Zinc	346.5862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13341	68108	Zinc	330.7086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13346	68108	Zinc	270.2509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13349	68108	Zinc	809.1637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13353	68108	Zinc	1024.161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
13362	68108	Zinc	641.8348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13368	68108	Zinc	532.2224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
13371	68108	Zinc	154.3818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13378	68108	Zinc	372.8768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13380	68108	Zinc	178.5453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13385	68108	Zinc	419.2013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13390	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13393	68108	Zinc	334.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13396	68108	Zinc	237.9706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13406	68108	Zinc	205.6725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13408	68108	Zinc	332.9781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13411	68108	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13413	68108	Zinc	389.5732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13414	68108	Zinc	956.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
13415	68108	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13416	68108	Zinc	305.4504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13418	68108	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13419	68108	Zinc	485.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13422	68108	Zinc	311.9385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13424	68108	Zinc	238.1397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13427	68108	Zinc	281.6429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13428	68108	Zinc	483.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13431	68108	Zinc	433.6015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13434	68108	Zinc	246.3544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13436	68108	Zinc	306.4383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13440	68108	Zinc	532.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
13445	68108	Zinc	439.3687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13449	68108	Zinc	229.9784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13451	68108	Zinc	303.1097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13454	68108	Zinc	382.2218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13466	68108	Zinc	186.5731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13478	68108	Zinc	257.4883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13481	68108	Zinc	157.6926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13485	68108	Zinc	247.5381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13486	68108	Zinc	487.0727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13488	68108	Zinc	307.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13499	68108	Zinc	275.137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13502	68108	Zinc	495.8659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13503	68108	Zinc	406.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13546	68108	Zinc	393.24	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13550	68108	Zinc	541.603	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
13553	68108	Zinc	291.958	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13556	68108	Zinc	401.1521	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13557	68108	Zinc	181.1619	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13560	68108	Zinc	258.4406	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13565	68108	Zinc	93.9152	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
13569	68108	Zinc	442.5015	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13570	68108	Zinc	210.8879	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13574	68108	Zinc	155.5655	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13575	68108	Zinc	283.3606	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13582	68108	Zinc	307.6309	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13589	68108	Zinc	732.864	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13591	68108	Zinc	154.7289	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13595	68108	Zinc	185.3093	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13596	68108	Zinc	316.7623	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13608	68108	Zinc	384.1709	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13610	68108	Zinc	354.703	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13615	68108	Zinc	476.1524	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13618	68108	Zinc	515.4904	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
13622	68108	Zinc	266.237	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13631	68108	Zinc	147.066	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13640	68108	Zinc	481.0919	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13641	68108	Zinc	293.5778	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13644	68108	Zinc	885.9618	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13645	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13651	68108	Zinc	342.0561	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13652	68108	Zinc	696.6588	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13653	68108	Zinc	288.576	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13661	68108	Zinc	301.8281	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13662	68108	Zinc	579.5793	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
13666	68108	Zinc	363.1402	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13672	68108	Zinc	314.386	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13674	68108	Zinc	396.8	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13675	68108	Zinc	261	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13676	68108	Zinc	395.0111	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13677	68108	Zinc	198.8818	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13679	68108	Zinc	451.4282	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13681	68108	Zinc	240.2668	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13682	68108	Zinc	370.0377	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13685	68108	Zinc	316.077	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13691	68108	Zinc	307.5864	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13698	68108	Zinc	223.4725	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13699	68108	Zinc	263.4157	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13709	68108	Zinc	460.4261	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
13710	68108	Zinc	369.2812	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13760	68108	Zinc	210.6387	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13764	68108	Zinc	223.7217	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13766	68108	Zinc	215.24	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13767	68108	Zinc	403.9022	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13770	68108	Zinc	497.4412	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
13771	68108	Zinc	506.3768	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
13773	68108	Zinc	293.2396	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13774	68108	Zinc	505.8695	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
13775	68108	Zinc	292.314	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13776	68108	Zinc	282.4617	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13786	68108	Zinc	202.0324	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13787	68108	Zinc	386.0132	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13795	68108	Zinc	801	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13798	68108	Zinc	362.2146	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13809	68108	Zinc	854.0464	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
13810	68108	Zinc	274.2915	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13829	68108	Zinc	255.7706	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13832	68108	Zinc	178.661	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13836	68108	Zinc	629.0099	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
13841	68108	Zinc	304.6049	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13847	68108	Zinc	345.5093	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13848	68108	Zinc	407.2308	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13854	68108	Zinc	154.5776	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13860	68108	Zinc	432.222	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
13868	68108	Zinc	379.2581	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13870	68108	Zinc	304.24	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13873	68108	Zinc	342.9817	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13876	68108	Zinc	238.38	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13878	68108	Zinc	405.7267	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
13885	68108	Zinc	337.348	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
13887	68108	Zinc	227.2372	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
13888	68108	Zinc	520.4032	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
13892	68108	Zinc	355.0768	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13894	68108	Zinc	276.1338	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13895	68108	Zinc	239.092	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13903	68108	Zinc	300.7423	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13920	68108	Zinc	203.1271	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13923	68108	Zinc	129.5864	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13924	68108	Zinc	164.688	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
13926	68108	Zinc	239.3145	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13931	68108	Zinc	380.958	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
13963	68108	Zinc	1820.978	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
13965	68108	Zinc	261.9116	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13969	68108	Zinc	248.9977	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
13983	68108	Zinc	135.3803	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
13990	68108	Zinc	175.4036	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
13992	68108	Zinc	356.75	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
13996	68108	Zinc	283.147	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
13998	68108	Zinc	416.9318	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
14008	68108	Zinc	102.4325	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14011	68108	Zinc	319.2365	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14020	68108	Zinc	506.4213	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
14022	68108	Zinc	577.2119	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14028	68108	Zinc	377.4247	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14037	68108	Zinc	621.5072	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14038	68108	Zinc	237.9795	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14043	68108	Zinc	315	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14048	68108	Zinc	171.8169	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14051	68108	Zinc	181.776	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14056	68108	Zinc	268.8981	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14057	68108	Zinc	245.9806	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14065	68108	Zinc	270.7226	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14072	68108	Zinc	368.0619	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14076	68108	Zinc	243.6399	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14079	68108	Zinc	296.7818	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14081	68108	Zinc	195.1527	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14083	68108	Zinc	115.3019	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14084	68108	Zinc	208.3336	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14086	68108	Zinc	358.53	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14087	68108	Zinc	131.8381	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14089	68108	Zinc	271.8173	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14095	68108	Zinc	315.7477	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14096	68108	Zinc	386.654	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14106	68108	Zinc	364.3061	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14110	68108	Zinc	442.3947	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14111	68108	Zinc	270.4022	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14112	68108	Zinc	384.6159	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14113	68108	Zinc	278.1808	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14123	68108	Zinc	305.3525	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14128	68108	Zinc	601.7492	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14130	68108	Zinc	398	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14134	68108	Zinc	587.8652	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14135	68108	Zinc	580.6206	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14140	68108	Zinc	321	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14141	68108	Zinc	401.9531	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14147	68108	Zinc	372.0402	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14151	68108	Zinc	348.4463	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14153	68108	Zinc	215.7918	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14173	68108	Zinc	326.757	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14174	68108	Zinc	470.848	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
14186	68108	Zinc	629.7308	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14192	68108	Zinc	180.3431	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14202	68108	Zinc	725.3346	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14203	68108	Zinc	285.3186	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14204	68108	Zinc	251.5431	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14205	68108	Zinc	267.9191	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14209	68108	Zinc	265.258	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14210	68108	Zinc	344.2811	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14217	68108	Zinc	206.8918	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14218	68108	Zinc	376.6504	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14220	68108	Zinc	588.4971	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14230	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14231	68108	Zinc	211.4842	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14232	68108	Zinc	436.761	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14246	68108	Zinc	391.7537	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14251	68108	Zinc	436.9835	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14258	68108	Zinc	197.8939	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14269	68108	Zinc	305.9933	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14270	68108	Zinc	257.1946	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14272	68108	Zinc	272.5293	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14274	68108	Zinc	183.3869	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14279	68108	Zinc	103.901	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14284	68108	Zinc	773.8841	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14285	68108	Zinc	234.8734	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14287	68108	Zinc	172.2886	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14290	68108	Zinc	310.6124	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14306	68108	Zinc	240.6762	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14309	68108	Zinc	358.5745	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14313	68108	Zinc	173.5168	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14315	68108	Zinc	1119.213	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14316	68108	Zinc	553.529	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14321	68108	Zinc	374.1317	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14327	68108	Zinc	287.4991	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14328	68108	Zinc	373.304	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14331	68108	Zinc	214.35	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14333	68108	Zinc	379.0623	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14335	68108	Zinc	174.7094	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14343	68108	Zinc	208.12	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
14379	68108	Zinc	405.7178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14389	68108	Zinc	224.3358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14391	68108	Zinc	133.004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14401	68108	Zinc	388.9769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14414	68108	Zinc	289.3414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14418	68108	Zinc	387.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14421	68108	Zinc	131.135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14433	68108	Zinc	164.0828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14438	68108	Zinc	240.5783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14440	68108	Zinc	369.2011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14442	68108	Zinc	312.339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14444	68108	Zinc	368.3823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14445	68108	Zinc	238.7004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14449	68108	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14455	68108	Zinc	345.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14458	68108	Zinc	131.5444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14461	68108	Zinc	352.0241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14466	68108	Zinc	539.8764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14468	68108	Zinc	653.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14474	68108	Zinc	413.6121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
14476	68108	Zinc	224.9499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14480	68108	Zinc	174.0241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14481	68108	Zinc	471.9605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
14486	68108	Zinc	171.6122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14488	68108	Zinc	225.1457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14490	68108	Zinc	404.6498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14491	68108	Zinc	233.2714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14493	68108	Zinc	180.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14494	68108	Zinc	218.9424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14496	68108	Zinc	186.1637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14497	68108	Zinc	289.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14501	68108	Zinc	202.0146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14503	68108	Zinc	153.3494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14518	68108	Zinc	301.2585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14519	68108	Zinc	263.1843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14521	68108	Zinc	275.1281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14527	68108	Zinc	255.6104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14529	68108	Zinc	340.6499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14530	68108	Zinc	185.5496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14537	68108	Zinc	634.1185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14540	68108	Zinc	438.7012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14545	68108	Zinc	267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14555	68108	Zinc	246.1141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14558	68108	Zinc	596.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14562	68108	Zinc	112.3827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14563	68108	Zinc	604.1967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14569	68108	Zinc	818.3752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14570	68108	Zinc	653.4849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14571	68108	Zinc	270.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14573	68108	Zinc	336.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14574	68108	Zinc	263.6916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14576	68108	Zinc	463.5856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14578	68108	Zinc	276.3296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14579	68108	Zinc	172.787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14580	68108	Zinc	227.7178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
14582	68108	Zinc	411.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
14585	68108	Zinc	1301.485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14586	68108	Zinc	747.1663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14600	68108	Zinc	291.6643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14607	68108	Zinc	465.2677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14610	68108	Zinc	313.5939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14613	68108	Zinc	278.3054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14616	68108	Zinc	301.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14617	68108	Zinc	193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14621	68108	Zinc	584.1183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14622	68108	Zinc	290.534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14623	68108	Zinc	198.1075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14630	68108	Zinc	216.3792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14637	68108	Zinc	681.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14638	68108	Zinc	397.3073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14639	68108	Zinc	178.7144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14642	68108	Zinc	191.7173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14643	68108	Zinc	513.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
14660	68108	Zinc	337.8375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14663	68108	Zinc	880.1323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14665	68108	Zinc	290.0979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14669	68108	Zinc	659.2165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14670	68108	Zinc	568.2674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14671	68108	Zinc	441.8518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14673	68108	Zinc	466.4069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14674	68108	Zinc	445.0469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14675	68108	Zinc	321.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14676	68108	Zinc	467.9466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14683	68108	Zinc	783.3003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14684	68108	Zinc	387.3037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14685	68108	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14692	68108	Zinc	570.7238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14697	68108	Zinc	91.9483	3.00E-01	--	3

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
14736	68108	Zinc	249.6563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14742	68108	Zinc	270.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14745	68108	Zinc	3593.057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
14747	68108	Zinc	272.734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14748	68108	Zinc	292.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14754	68108	Zinc	1075.158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14770	68108	Zinc	262.1964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14771	68108	Zinc	185.7187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14773	68108	Zinc	144.3871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14782	68108	Zinc	129.2393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14785	68108	Zinc	274.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14786	68108	Zinc	279.2844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14789	68108	Zinc	278.5279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14795	68108	Zinc	292.0737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14796	68108	Zinc	130.0848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14800	68108	Zinc	315.543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14803	68108	Zinc	654.3749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14804	68108	Zinc	152.851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
14807	68108	Zinc	362.9711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14808	68108	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14815	68108	Zinc	642.3332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14816	68108	Zinc	322.5117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14818	68108	Zinc	544.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14825	68108	Zinc	1420	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
14827	68108	Zinc	297.9477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14830	68108	Zinc	437.7044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14831	68108	Zinc	485.7733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
14832	68108	Zinc	355.682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14835	68108	Zinc	307.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14839	68108	Zinc	333.4854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14841	68108	Zinc	350.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14847	68108	Zinc	240.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14848	68108	Zinc	296.1054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14849	68108	Zinc	216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14850	68108	Zinc	445.0736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14851	68108	Zinc	853.2899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14853	68108	Zinc	303.1453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14855	68108	Zinc	468.0178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14856	68108	Zinc	278.5724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14859	68108	Zinc	389.7334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14862	68108	Zinc	655.6921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14867	68108	Zinc	526.4196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
14868	68108	Zinc	561.5479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14870	68108	Zinc	517.4751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
14871	68108	Zinc	365.5432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14878	68108	Zinc	333.7613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14879	68108	Zinc	350.342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14888	68108	Zinc	622.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
14890	68108	Zinc	249.6741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14891	68108	Zinc	255.6727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14894	68108	Zinc	427.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
14895	68108	Zinc	292.1805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14901	68108	Zinc	300.769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14902	68108	Zinc	164.2163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
14903	68108	Zinc	300.1905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14904	68108	Zinc	377.6561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14907	68108	Zinc	568.8459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14911	68108	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14912	68108	Zinc	204.5867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14914	68108	Zinc	780.5324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14925	68108	Zinc	293.1063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14931	68108	Zinc	579.0631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14932	68108	Zinc	339.0746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14933	68108	Zinc	256.6873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14935	68108	Zinc	698.3943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14940	68108	Zinc	354.4182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
14941	68108	Zinc	295.6604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14944	68108	Zinc	444.1925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
14946	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
14947	68108	Zinc	511.9749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
14953	68108	Zinc	202.7533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14960	68108	Zinc	876.1896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
14961	68108	Zinc	534.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
14963	68108	Zinc	210.2649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
14968	68108	Zinc	327.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14973	68108	Zinc	324.0781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14977	68108	Zinc	245.7047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14983	68108	Zinc	322.8054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
14987	68108	Zinc	573.2514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14989	68108	Zinc	250.0479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
14996	68108	Zinc	395.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
14997	68108	Zinc	581.7064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
14998	68108	Zinc	1231.353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
15001	68108	Zinc	230.9218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15002	68108	Zinc	325.5199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15005	68108	Zinc	265.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15007	68108	Zinc	269.2007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15021	68108	Zinc	633.2285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15061	68108	Zinc	356.6165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15062	68108	Zinc	185.5318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15067	68108	Zinc	505.1219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15069	68108	Zinc	658.0328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15070	68108	Zinc	288.843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15073	68108	Zinc	258.761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15075	68108	Zinc	328.8218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15081	68108	Zinc	617.342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
15085	68108	Zinc	426.1166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15087	68108	Zinc	187.4898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15093	68108	Zinc	422.877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15098	68108	Zinc	244.0671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15103	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15107	68108	Zinc	376.5347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15112	68108	Zinc	239.1721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15115	68108	Zinc	351.5435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15116	68108	Zinc	352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15117	68108	Zinc	351.9796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15118	68108	Zinc	375.7426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15120	68108	Zinc	407.6491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15127	68108	Zinc	248.6862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15135	68108	Zinc	2110	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
15138	68108	Zinc	381.2161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15140	68108	Zinc	747.2464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15143	68108	Zinc	301.1695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15146	68108	Zinc	400.9296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15147	68108	Zinc	534.483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
15148	68108	Zinc	224.2646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15151	68108	Zinc	283.2538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15152	68108	Zinc	590.2415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15156	68108	Zinc	186.6977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15165	68108	Zinc	260.5677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15174	68108	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15176	68108	Zinc	114.6077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15185	68108	Zinc	839.0588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15186	68108	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15187	68108	Zinc	353.3146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15188	68108	Zinc	365.5076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15195	68108	Zinc	208.9566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15196	68108	Zinc	382.9338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15201	68108	Zinc	470.3229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15204	68108	Zinc	306.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15205	68108	Zinc	326.134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15207	68108	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15209	68108	Zinc	749.7829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15212	68108	Zinc	344.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15214	68108	Zinc	203.8302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15224	68108	Zinc	237.4188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15226	68108	Zinc	387.6775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15228	68108	Zinc	230.548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15235	68108	Zinc	452.6119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15242	68108	Zinc	129.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15243	68108	Zinc	199.0954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15248	68108	Zinc	99.0505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
15251	68108	Zinc	453.6888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15254	68108	Zinc	274.9056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15256	68108	Zinc	714.9483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15259	68108	Zinc	474.408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15266	68108	Zinc	390.0538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15270	68108	Zinc	628.3335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
15272	68108	Zinc	498.3757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15273	68108	Zinc	167.447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15276	68108	Zinc	639.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15281	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15289	68108	Zinc	334.5356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15296	68108	Zinc	193.1324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15304	68108	Zinc	469.869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15312	68108	Zinc	358.4321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15322	68108	Zinc	296.8441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15324	68108	Zinc	365.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15326	68108	Zinc	469.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15327	68108	Zinc	479.3386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15328	68108	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15330	68108	Zinc	218.8178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15337	68108	Zinc	492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15339	68108	Zinc	312.9353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15353	68108	Zinc	328.1365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15356	68108	Zinc	376.9886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15359	68108	Zinc	696.5698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15364	68108	Zinc	592.5644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15368	68108	Zinc	1030.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
15381	68108	Zinc	325.778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15383	68108	Zinc	478.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15387	68108	Zinc	313.3002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15391	68108	Zinc	390.9616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15396	68108	Zinc	273.1078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15401	68108	Zinc	118.1143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15403	68108	Zinc	135.7897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15420	68108	Zinc	415.8816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15422	68108	Zinc	265.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15423	68108	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15424	68108	Zinc	525.8856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15425	68108	Zinc	329.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15428	68108	Zinc	287.8195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15429	68108	Zinc	177.9401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15431	68108	Zinc	355.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15432	68108	Zinc	101.765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15435	68108	Zinc	410.239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15437	68108	Zinc	590.2148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15439	68108	Zinc	314.6619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15441	68108	Zinc	157.5413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15443	68108	Zinc	534.9903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
15446	68108	Zinc	664.4497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15448	68108	Zinc	297.4226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15451	68108	Zinc	600.5744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
15458	68108	Zinc	470.6522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15459	68108	Zinc	201.4005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15465	68108	Zinc	317.3497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15468	68108	Zinc	322.0578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15469	68108	Zinc	194.681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15471	68108	Zinc	378.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15472	68108	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15475	68108	Zinc	175.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15478	68108	Zinc	215.3824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15479	68108	Zinc	571.1065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15481	68108	Zinc	758.4782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15482	68108	Zinc	111.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15483	68108	Zinc	590.2059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15488	68108	Zinc	215.0887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15490	68108	Zinc	372.8946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15491	68108	Zinc	206.4468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15502	68108	Zinc	87.1245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
15505	68108	Zinc	1299.883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
15506	68108	Zinc	191.6817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15530	68108	Zinc	160.0511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15533	68108	Zinc	141.281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15535	68108	Zinc	121.9502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15538	68108	Zinc	431.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15539	68108	Zinc	664.0937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15546	68108	Zinc	547.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
15549	68108	Zinc	306.4917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15552	68108	Zinc	238.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15553	68108	Zinc	450.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15555	68108	Zinc	415.4633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15558	68108	Zinc	43.51895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
15559	68108	Zinc	329.4092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15563	68108	Zinc	252.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15567	68108	Zinc	97.4752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
15570	68108	Zinc	527.2918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15572	68108	Zinc	273.5884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15579	68108	Zinc	355.771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15580	68108	Zinc	391.2731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15582	68108	Zinc	287.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15583	68108	Zinc	339.5107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15584	68108	Zinc	238.9852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15585	68108	Zinc	401.6416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15588	68108	Zinc	525.5296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15589	68108	Zinc	522.2722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15592	68108	Zinc	355.1747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15594	68108	Zinc	120.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15596	68108	Zinc	348.6599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15597	68108	Zinc	481.9819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15598	68108	Zinc	462.4019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15600	68108	Zinc	331.296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15601	68108	Zinc	398.6245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15603	68108	Zinc	216.397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15606	68108	Zinc	147.422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15610	68108	Zinc	753.7345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15614	68108	Zinc	281.2602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15615	68108	Zinc	336.6004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15616	68108	Zinc	407.1151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15617	68108	Zinc	421.9781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15618	68108	Zinc	138.9937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15619	68108	Zinc	718.4905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15624	68108	Zinc	172.3687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15625	68108	Zinc	353.012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15628	68108	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15630	68108	Zinc	232.0521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15632	68108	Zinc	433.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15635	68108	Zinc	323.9891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15643	68108	Zinc	342.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15646	68108	Zinc	591.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15649	68108	Zinc	459.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15650	68108	Zinc	660.5426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15652	68108	Zinc	530.9408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15656	68108	Zinc	157.3722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15692	68108	Zinc	219.3785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15699	68108	Zinc	178.5186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15703	68108	Zinc	277.5311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15704	68108	Zinc	130.8502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15706	68108	Zinc	335.2031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15707	68108	Zinc	943.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
15710	68108	Zinc	326.3209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15711	68108	Zinc	189.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15714	68108	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15719	68108	Zinc	636.9487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15720	68108	Zinc	246.835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15725	68108	Zinc	275.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15726	68108	Zinc	197.5735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15727	68108	Zinc	473.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15734	68108	Zinc	917.717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15739	68108	Zinc	246.1141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15740	68108	Zinc	165.2576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15742	68108	Zinc	415.7837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15747	68108	Zinc	251.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15748	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15750	68108	Zinc	393.7295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15759	68108	Zinc	228.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15760	68108	Zinc	609.0561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
15762	68108	Zinc	556.4571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
15763	68108	Zinc	121.5586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15764	68108	Zinc	346.6663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15766	68108	Zinc	464.2353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15768	68108	Zinc	209.7398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15772	68108	Zinc	432.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15773	68108	Zinc	418.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15775	68108	Zinc	402.7719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15777	68108	Zinc	286.618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15785	68108	Zinc	544.3442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
15787	68108	Zinc	1121.171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
15788	68108	Zinc	117.3756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15790	68108	Zinc	204.3731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15791	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15793	68108	Zinc	393.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15794	68108	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15795	68108	Zinc	684.9553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15796	68108	Zinc	115.6401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15799	68108	Zinc	263.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15800	68108	Zinc	457.0619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15807	68108	Zinc	165.5869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15809	68108	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15813	68108	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15814	68108	Zinc	2482.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15817	68108	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15819	68108	Zinc	437.8112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15822	68108	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15826	68108	Zinc	3852.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
15827	68108	Zinc	158.7784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
15828	68108	Zinc	522.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15830	68108	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15833	68108	Zinc	522.824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15837	68108	Zinc	112.0712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15841	68108	Zinc	394.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15844	68108	Zinc	215.3468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15845	68108	Zinc	150.2344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15847	68108	Zinc	234.2771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15850	68108	Zinc	343.8361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15851	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15852	68108	Zinc	579.1076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
15853	68108	Zinc	338.5406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15854	68108	Zinc	201.089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15855	68108	Zinc	420.7766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15857	68108	Zinc	478.5287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
15859	68108	Zinc	369.3702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
15861	68108	Zinc	344.8151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15865	68108	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15866	68108	Zinc	311.2621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15869	68108	Zinc	264.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15874	68108	Zinc	523.5271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15876	68108	Zinc	174.8874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15877	68108	Zinc	243.008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15878	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15881	68108	Zinc	1127.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
15883	68108	Zinc	259.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15885	68108	Zinc	312.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15887	68108	Zinc	781.725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15888	68108	Zinc	755.9061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15893	68108	Zinc	427.0155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
15895	68108	Zinc	277.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15902	68108	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15903	68108	Zinc	143.5149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15906	68108	Zinc	350.5912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15913	68108	Zinc	259.6065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15915	68108	Zinc	661.0321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15941	68108	Zinc	326.0361	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15942	68108	Zinc	238.2109	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15946	68108	Zinc	284.7134	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
15947	68108	Zinc	926.083	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15948	68108	Zinc	236.4576	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15954	68108	Zinc	260.986	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15955	68108	Zinc	260.9326	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15961	68108	Zinc	2369.129	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
15963	68108	Zinc	865.6253	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15965	68108	Zinc	349.6211	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15966	68108	Zinc	440.7126	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
15971	68108	Zinc	514.1465	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
15972	68108	Zinc	194.7611	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
15973	68108	Zinc	251.374	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15974	68108	Zinc	275.048	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15977	68108	Zinc	1314.657	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
15980	68108	Zinc	317.056	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15982	68108	Zinc	342.8037	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
15983	68108	Zinc	561.272	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
15984	68108	Zinc	231.9631	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
15987	68108	Zinc	345.9187	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
15989	68108	Zinc	774.7741	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
15990	68108	Zinc	273.0633	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
15993	68108	Zinc	117.8117	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15995	68108	Zinc	117.5447	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
15998	68108	Zinc	340.018	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16001	68108	Zinc	316.255	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16003	68108	Zinc	69.5648	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
16005	68108	Zinc	111.0299	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16006	68108	Zinc	287.33	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16011	68108	Zinc	536.797	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16012	68108	Zinc	259.9892	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16013	68108	Zinc	428.84	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16021	68108	Zinc	641.461	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16024	68108	Zinc	365.561	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16025	68108	Zinc	112.3204	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16028	68108	Zinc	364.1281	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16029	68108	Zinc	709.4392	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16030	68108	Zinc	319.9396	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16032	68108	Zinc	490.6861	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16033	68108	Zinc	190.0886	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16036	68108	Zinc	634.1363	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16039	68108	Zinc	622.1213	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16040	68108	Zinc	486.5387	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16041	68108	Zinc	424.4968	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16042	68108	Zinc	433.0408	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16043	68108	Zinc	379.8188	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16046	68108	Zinc	1648.674	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
16050	68108	Zinc	140.0795	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16051	68108	Zinc	435.4794	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16075	68108	Zinc	143.4793	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16077	68108	Zinc	548.5717	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16079	68108	Zinc	413.354	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16080	68108	Zinc	937.92	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16086	68108	Zinc	140.1418	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16097	68108	Zinc	787.2163	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16100	68108	Zinc	371.6664	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16101	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16104	68108	Zinc	514.6093	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16105	68108	Zinc	157.835	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16106	68108	Zinc	145.4108	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16107	68108	Zinc	323.82	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16117	68108	Zinc	320.4469	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16120	68108	Zinc	268.6133	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16126	68108	Zinc	242.6698	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16128	68108	Zinc	335.39	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16133	68108	Zinc	367.9907	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16135	68108	Zinc	692.5915	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16137	68108	Zinc	404	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16138	68108	Zinc	215.6761	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16143	68108	Zinc	151.4359	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16145	68108	Zinc	167.0465	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16153	68108	Zinc	246.6837	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16156	68108	Zinc	1229.039	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
16157	68108	Zinc	419.8955	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16162	68108	Zinc	171.1316	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16163	68108	Zinc	736.5041	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16164	68108	Zinc	331.83	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16165	68108	Zinc	398.669	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16170	68108	Zinc	353.9287	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16175	68108	Zinc	477.7099	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16177	68108	Zinc	415.8816	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16187	68108	Zinc	913	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16190	68108	Zinc	468.7298	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16192	68108	Zinc	411.2892	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16194	68108	Zinc	371.1146	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16197	68108	Zinc	497.5747	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
16222	68108	Zinc	876.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16225	68108	Zinc	136.7242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16226	68108	Zinc	606.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16239	68108	Zinc	1172.791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
16245	68108	Zinc	349.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16251	68108	Zinc	650.0762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16252	68108	Zinc	414.2974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16253	68108	Zinc	625.6902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16254	68108	Zinc	414.6178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16256	68108	Zinc	438.8614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16258	68108	Zinc	266.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16259	68108	Zinc	305.6462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16260	68108	Zinc	355.5841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16261	68108	Zinc	236.3864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16262	68108	Zinc	263.4958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16266	68108	Zinc	156.4199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16267	68108	Zinc	430.8425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16273	68108	Zinc	596.5783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16277	68108	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16279	68108	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16280	68108	Zinc	182.3011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16282	68108	Zinc	419.2102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16284	68108	Zinc	342.6524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16285	68108	Zinc	443.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16288	68108	Zinc	330.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16291	68108	Zinc	375.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16294	68108	Zinc	611.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16299	68108	Zinc	254.2754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16300	68108	Zinc	312.7217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16305	68108	Zinc	112.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16307	68108	Zinc	568.3564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16310	68108	Zinc	270.331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16311	68108	Zinc	293.0349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16313	68108	Zinc	364.7244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16316	68108	Zinc	198.7483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16319	68108	Zinc	490	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16320	68108	Zinc	357.4264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16322	68108	Zinc	718.4905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16323	68108	Zinc	953.851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
16328	68108	Zinc	744.0335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16330	68108	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16338	68108	Zinc	145.5619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16339	68108	Zinc	366.3976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16340	68108	Zinc	287.3745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16341	68108	Zinc	308.6188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16344	68108	Zinc	115.8359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16348	68108	Zinc	202.6198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16349	68108	Zinc	433.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16353	68108	Zinc	300.146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16354	68108	Zinc	524.6485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16360	68108	Zinc	268.8714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16361	68108	Zinc	195.9181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16362	68108	Zinc	165.8984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16366	68108	Zinc	163.5043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16367	68108	Zinc	487.9449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16369	68108	Zinc	594.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
16373	68108	Zinc	401.962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16374	68108	Zinc	264.8664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16376	68108	Zinc	936.229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16377	68108	Zinc	392.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16379	68108	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16383	68108	Zinc	249.0511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16386	68108	Zinc	256.6428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16388	68108	Zinc	341.7535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16401	68108	Zinc	265.1957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16403	68108	Zinc	717.6628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16404	68108	Zinc	607.7033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16405	68108	Zinc	364.2527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16407	68108	Zinc	353.2968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16409	68108	Zinc	194.9569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16410	68108	Zinc	357.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16414	68108	Zinc	244.3074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16416	68108	Zinc	378.4749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16419	68108	Zinc	387.5796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16423	68108	Zinc	509.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16425	68108	Zinc	287.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16431	68108	Zinc	381.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16433	68108	Zinc	193.3727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16435	68108	Zinc	617.5289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16441	68108	Zinc	219.5298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16442	68108	Zinc	373.4108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16446	68108	Zinc	480.1307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16448	68108	Zinc	209.5529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16452	68108	Zinc	394.5661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16455	68108	Zinc	216.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16457	68108	Zinc	194.5564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16460	68108	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16468	68108	Zinc	230.8417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)								
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL				NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
16508	68108	Zinc	304.4091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16510	68108	Zinc	338.3359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16512	68108	Zinc	490.428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16514	68108	Zinc	170.5264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16515	68108	Zinc	435.5061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16517	68108	Zinc	284.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16520	68108	Zinc	199.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16521	68108	Zinc	261.0038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16522	68108	Zinc	257.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16525	68108	Zinc	962.217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
16526	68108	Zinc	195.393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16527	68108	Zinc	275.9736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16529	68108	Zinc	251.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16530	68108	Zinc	3297.666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
16531	68108	Zinc	397.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16532	68108	Zinc	665.0104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16536	68108	Zinc	519.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16538	68108	Zinc	487.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16539	68108	Zinc	210.3895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16542	68108	Zinc	229.4088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16547	68108	Zinc	427.1757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16548	68108	Zinc	323.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16549	68108	Zinc	499.4882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16551	68108	Zinc	390.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16552	68108	Zinc	682.6591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16554	68108	Zinc	466.3446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16556	68108	Zinc	295.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16558	68108	Zinc	311.6626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16560	68108	Zinc	252.3174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16561	68108	Zinc	291.335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16567	68108	Zinc	193.257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16577	68108	Zinc	343.9696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16579	68108	Zinc	159.526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
16581	68108	Zinc	386.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16582	68108	Zinc	251.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16583	68108	Zinc	224.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16584	68108	Zinc	304.5426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16586	68108	Zinc	182.4969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16588	68108	Zinc	136.3237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16590	68108	Zinc	209.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16592	68108	Zinc	365.7212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16593	68108	Zinc	312.8552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16594	68108	Zinc	226.9613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16595	68108	Zinc	245.8916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16596	68108	Zinc	532.7208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16599	68108	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16603	68108	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16604	68108	Zinc	488.1496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16606	68108	Zinc	361.6539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16608	68108	Zinc	245.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16610	68108	Zinc	141.815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16612	68108	Zinc	428.6709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16616	68108	Zinc	279.4891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16617	68108	Zinc	211.9114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16620	68108	Zinc	274.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16625	68108	Zinc	247.9119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16626	68108	Zinc	417.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16627	68108	Zinc	578.0663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
16629	68108	Zinc	303.7149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16632	68108	Zinc	349.7635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16633	68108	Zinc	352.202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16635	68108	Zinc	340.4363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16636	68108	Zinc	359.1352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16637	68108	Zinc	477.5052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16640	68108	Zinc	512.8026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16644	68108	Zinc	291.246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16645	68108	Zinc	187.8191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16648	68108	Zinc	664.2005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16652	68108	Zinc	614.7521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16653	68108	Zinc	337.6773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16655	68108	Zinc	213.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16663	68108	Zinc	238.7983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16664	68108	Zinc	456.5724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16665	68108	Zinc	252.1483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16666	68108	Zinc	543.1516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16667	68108	Zinc	290.4361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16670	68108	Zinc	447.6279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16672	68108	Zinc	286.1463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16673	68108	Zinc	441.7539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16674	68108	Zinc	1565.103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
16676	68108	Zinc	257.5684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16677	68108	Zinc	202.7355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16682	68108	Zinc	125.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16683	68108	Zinc	244.6901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16685	68108	Zinc	309.1795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16686	68108	Zinc	393.5337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16687	68108	Zinc	343.7293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16693	68108	Zinc	486.8146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
16733	68108	Zinc	343.4712	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16735	68108	Zinc	589.2892	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
16746	68108	Zinc	371.88	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16756	68108	Zinc	127.5216	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16767	68108	Zinc	308.7612	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16768	68108	Zinc	136.1368	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16769	68108	Zinc	261.6268	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16770	68108	Zinc	156.3932	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16771	68108	Zinc	596.7296	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16774	68108	Zinc	430.2818	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16776	68108	Zinc	391.8961	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16778	68108	Zinc	562.4557	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16780	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16782	68108	Zinc	217.4383	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16786	68108	Zinc	422.3786	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16787	68108	Zinc	316.7	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16789	68108	Zinc	293.8003	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16790	68108	Zinc	433.0853	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16795	68108	Zinc	317.5989	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16796	68108	Zinc	214.172	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16797	68108	Zinc	262.2142	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16804	68108	Zinc	241.05	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16805	68108	Zinc	329.9966	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16809	68108	Zinc	617.8493	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16813	68108	Zinc	498	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16819	68108	Zinc	202.9402	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16822	68108	Zinc	660.2578	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16823	68108	Zinc	246.0162	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16833	68108	Zinc	385.942	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16834	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16837	68108	Zinc	538.3456	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16845	68108	Zinc	348.9358	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16846	68108	Zinc	424.3989	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16847	68108	Zinc	419.0678	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16848	68108	Zinc	308.69	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16852	68108	Zinc	292.7946	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16853	68108	Zinc	420.83	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16854	68108	Zinc	584.2785	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
16855	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16856	68108	Zinc	189.9195	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
16857	68108	Zinc	1234.379	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
16863	68108	Zinc	144.04	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16864	68108	Zinc	480.5134	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16868	68108	Zinc	423.1351	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16870	68108	Zinc	283.4674	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16872	68108	Zinc	256.3847	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16873	68108	Zinc	414.244	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16878	68108	Zinc	423.6958	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16879	68108	Zinc	311.716	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16883	68108	Zinc	301.57	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16886	68108	Zinc	366.718	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16894	68108	Zinc	807.0633	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16897	68108	Zinc	457.2132	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16898	68108	Zinc	299.6387	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16899	68108	Zinc	460.3727	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
16902	68108	Zinc	272.5204	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16905	68108	Zinc	775.0589	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16908	68108	Zinc	242.83	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
16909	68108	Zinc	717.2712	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16910	68108	Zinc	756.7338	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16912	68108	Zinc	414.6	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16914	68108	Zinc	498.616	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
16915	68108	Zinc	307.4529	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16935	68108	Zinc	392.35	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16948	68108	Zinc	345.3936	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16951	68108	Zinc	300.68	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16952	68108	Zinc	637.1178	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
16955	68108	Zinc	502.9859	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
16964	68108	Zinc	305.4326	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16966	68108	Zinc	599.72	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
16968	68108	Zinc	149.0863	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
16969	68108	Zinc	225.1991	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
16972	68108	Zinc	333.9838	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16973	68108	Zinc	371.88	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16979	68108	Zinc	348.1615	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
16981	68108	Zinc	326.5167	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
16987	68108	Zinc	433.3078	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16988	68108	Zinc	422.8325	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
16989	68108	Zinc	301.1873	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
16991	68108	Zinc	369.21	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
16993	68108	Zinc	537.5357	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
16999	68108	Zinc	165.2398	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17003	68108	Zinc	187.4987	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17004	68108	Zinc	931	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17005	68108	Zinc	326	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17008	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17009	68108	Zinc	202.6198	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17017

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17037	68108	Zinc	186.3684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17038	68108	Zinc	491.0154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17045	68108	Zinc	264.5371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17046	68108	Zinc	1148.494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17048	68108	Zinc	381.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17049	68108	Zinc	314.8933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17050	68108	Zinc	264.012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17054	68108	Zinc	296.8352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17056	68108	Zinc	148.7214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17060	68108	Zinc	138.9403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17062	68108	Zinc	181.0996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17066	68108	Zinc	429.1337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17068	68108	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17070	68108	Zinc	313.8698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17073	68108	Zinc	425.725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17075	68108	Zinc	506.2166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17078	68108	Zinc	626.6692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17079	68108	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17080	68108	Zinc	201.2848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17083	68108	Zinc	928.753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17087	68108	Zinc	157.9329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17092	68108	Zinc	491.6829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17093	68108	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17094	68108	Zinc	439.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17098	68108	Zinc	662.8032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17101	68108	Zinc	804.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17103	68108	Zinc	976.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
17111	68108	Zinc	308.7434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17112	68108	Zinc	461.8056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17120	68108	Zinc	428.7243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17121	68108	Zinc	517.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17125	68108	Zinc	234.4551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17126	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17131	68108	Zinc	617.3687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17137	68108	Zinc	552.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17139	68108	Zinc	274.1491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17141	68108	Zinc	458.7707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17146	68108	Zinc	234.7132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17147	68108	Zinc	301.6946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17148	68108	Zinc	288.1399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17152	68108	Zinc	270.6425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17156	68108	Zinc	497.1564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17157	68108	Zinc	140.0706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17159	68108	Zinc	277.6201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17164	68108	Zinc	587.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
17170	68108	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17173	68108	Zinc	158.9297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17180	68108	Zinc	386.6629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17188	68108	Zinc	395.7943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17200	68108	Zinc	273.4994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17204	68108	Zinc	130.4497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17205	68108	Zinc	345.0732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17206	68108	Zinc	169.2982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17210	68108	Zinc	287.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17212	68108	Zinc	398.491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17218	68108	Zinc	143.595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17225	68108	Zinc	433.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17230	68108	Zinc	531.012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17232	68108	Zinc	239.9909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17233	68108	Zinc	261.8404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17239	68108	Zinc	1087.262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17242	68108	Zinc	2765.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
17245	68108	Zinc	244.7702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17246	68108	Zinc	708.9586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17247	68108	Zinc	356.0647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17251	68108	Zinc	778.2718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17253	68108	Zinc	258.6186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17260	68108	Zinc	406.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17263	68108	Zinc	397.8413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17264	68108	Zinc	139.8303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17265	68108	Zinc	218.1236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17268	68108	Zinc	453.5553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17273	68108	Zinc	214.884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17280	68108	Zinc	319.2365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17282	68108	Zinc	162.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17289	68108	Zinc	428.573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17291	68108	Zinc	453.9825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17297	68108	Zinc	91.8326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
17299	68108	Zinc	378.911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17301	68108	Zinc	223.9976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17308	68108	Zinc	119.0399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17311	68108	Zinc	535.5154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17316	68108	Zinc	334.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17320	68108	Zinc	207.5059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17321	68108	Zinc	403.4839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17323	68108	Zinc	218.978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17324	68108	Zinc	256.1266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17333	68108	Zinc	233.6897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17365	68108	Zinc	266.3972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17369	68108	Zinc	263.4958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17372	68108	Zinc	233.3604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17373	68108	Zinc	786.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17377	68108	Zinc	921.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17378	68108	Zinc	192.5005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17381	68108	Zinc	157.835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17383	68108	Zinc	365.2406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17385	68108	Zinc	399.5946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17388	68108	Zinc	438.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17389	68108	Zinc	273.1879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17395	68108	Zinc	423.5178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17397	68108	Zinc	278.8394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17400	68108	Zinc	534.2961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17401	68108	Zinc	385.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17402	68108	Zinc	560.7558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17403	68108	Zinc	376.152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17405	68108	Zinc	197.4311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17408	68108	Zinc	176.2313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17410	68108	Zinc	921.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17411	68108	Zinc	302.3176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17412	68108	Zinc	135.7541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17414	68108	Zinc	610.3911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17416	68108	Zinc	511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17417	68108	Zinc	558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17418	68108	Zinc	795.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17420	68108	Zinc	597.6997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17422	68108	Zinc	375.5023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17424	68108	Zinc	307.8445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17431	68108	Zinc	207.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17435	68108	Zinc	522.9041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17439	68108	Zinc	433.9575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17440	68108	Zinc	562.0463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17444	68108	Zinc	590.3839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
17446	68108	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17447	68108	Zinc	248.9977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17450	68108	Zinc	3057.989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
17451	68108	Zinc	323.0991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17455	68108	Zinc	708.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17460	68108	Zinc	707.1964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17461	68108	Zinc	670.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17467	68108	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17470	68108	Zinc	119.9032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17474	68108	Zinc	1044.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17478	68108	Zinc	498.7495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17479	68108	Zinc	361.1199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17481	68108	Zinc	115.5244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17483	68108	Zinc	481.8662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17488	68108	Zinc	312.4992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17490	68108	Zinc	505.9585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17492	68108	Zinc	159.4904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17494	68108	Zinc	593.6769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
17496	68108	Zinc	883.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17498	68108	Zinc	321.1856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17507	68108	Zinc	256.9899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17508	68108	Zinc	310.3899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17509	68108	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17510	68108	Zinc	364.3417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17512	68108	Zinc	428.3594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17514	68108	Zinc	636.388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17515	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17517	68108	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17524	68108	Zinc	177.5218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17527	68108	Zinc	555.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17528	68108	Zinc	335.0073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17529	68108	Zinc	434.1978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17536	68108	Zinc	184.9622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17538	68108	Zinc	184.713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17545	68108	Zinc	268.1416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17547	68108	Zinc	350.0038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17548	68108	Zinc	298.9356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17549	68108	Zinc	1226.636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17550	68108	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17553	68108	Zinc	399.559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17554	68108	Zinc	370.7942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17555	68108	Zinc	275.3328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17556	68108	Zinc	264.5193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17558	68108	Zinc	310.114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17563	68108	Zinc	274.2114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17564	68108	Zinc	177.6909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17565	68108	Zinc	234.7132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17567	68108	Zinc	239.3234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17577	68108	Zinc	492.3771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17579	68108	Zinc	306.3048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17580	68108	Zinc	322.6007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17581	68108	Zinc	409.6961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17582	68108	Zinc	312.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17585	68108	Zinc	597.6374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
17623	68108	Zinc	571.0442	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
17626	68108	Zinc	310.7637	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17630	68108	Zinc	390.6056	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17631	68108	Zinc	158.5737	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
17635	68108	Zinc	408.7171	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17637	68108	Zinc	220.2151	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17639	68108	Zinc	179.729	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17641	68108	Zinc	335.4256	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17643	68108	Zinc	288.9587	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17646	68108	Zinc	235.532	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17650	68108	Zinc	319.1742	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17652	68108	Zinc	237.2408	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17657	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17658	68108	Zinc	361.9031	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17659	68108	Zinc	204.4621	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17663	68108	Zinc	438.8436	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17664	68108	Zinc	556.0833	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17665	68108	Zinc	1230.641	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17666	68108	Zinc	615.74	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17670	68108	Zinc	545.43	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17671	68108	Zinc	634.2164	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17674	68108	Zinc	561.7081	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17679	68108	Zinc	959.458	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
17689	68108	Zinc	350.1551	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17693	68108	Zinc	543.65	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17698	68108	Zinc	1352.126	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17699	68108	Zinc	251.4363	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17700	68108	Zinc	560	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17701	68108	Zinc	366.9138	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17703	68108	Zinc	1046.055	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17705	68108	Zinc	97.5375	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
17707	68108	Zinc	330.495	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17708	68108	Zinc	760.8011	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17710	68108	Zinc	394.219	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17711	68108	Zinc	579.517	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
17714	68108	Zinc	290.89	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17715	68108	Zinc	250.1814	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17716	68108	Zinc	212.3742	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17721	68108	Zinc	504.4099	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17726	68108	Zinc	218.1058	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17730	68108	Zinc	702.6752	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17732	68108	Zinc	215.7562	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17740	68108	Zinc	311.36	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17742	68108	Zinc	277.0149	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17744	68108	Zinc	257.07	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17751	68108	Zinc	660.3023	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17754	68108	Zinc	372.236	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17755	68108	Zinc	297.12	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17759	68108	Zinc	254.4089	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17760	68108	Zinc	784.6353	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17761	68108	Zinc	263.923	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17766	68108	Zinc	346.871	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17771	68108	Zinc	224.9855	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17772	68108	Zinc	597.1479	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17774	68108	Zinc	243.5687	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17775	68108	Zinc	264.2078	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17776	68108	Zinc	186.1993	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17778	68108	Zinc	360	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17782	68108	Zinc	697.6378	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17784	68108	Zinc	498.5537	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17787	68108	Zinc	271.844	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17792	68108	Zinc	230.37	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
17793	68108	Zinc	419.94	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17797	68108	Zinc	440.4189	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17799	68108	Zinc	209.3749	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17801	68108	Zinc	473.0463	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
17804	68108	Zinc	262.8995	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17810	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17811	68108	Zinc	415.8549	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17813	68108	Zinc	334.7047	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17815	68108	Zinc	207.9509	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17818	68108	Zinc	778.3163	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17819	68108	Zinc	260.1672	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17823	68108	Zinc	661.3258	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17828	68108	Zinc	351.1608	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17829	68108	Zinc	185.87	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17830	68108	Zinc	515.17	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17832	68108	Zinc	315.7299	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17834	68108	Zinc	324.9414	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17836	68108	Zinc	629.5884	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17840	68108	Zinc	694.9678	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17843	68108	Zinc	407.8894	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17849	68108	Zinc	284.0726	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17851	68108	Zinc	544.3353	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
17852	68108	Zinc	459.812	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17857	68108	Zinc	320.972	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17858	68108	Zinc	210.3005	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
17884	68108	Zinc	314.4305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17886	68108	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17891	68108	Zinc	135.5405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
17895	68108	Zinc	457.2132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17896	68108	Zinc	394.0855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17904	68108	Zinc	625.3787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
17908	68108	Zinc	411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17911	68108	Zinc	1152.677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
17912	68108	Zinc	186.1103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17914	68108	Zinc	246.924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17915	68108	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17916	68108	Zinc	381.4653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17919	68108	Zinc	379.356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17922	68108	Zinc	325.1995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17924	68108	Zinc	308.2361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17925	68108	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17931	68108	Zinc	410.4259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17936	68108	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17940	68108	Zinc	174.5937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17941	68108	Zinc	406.5811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17945	68108	Zinc	270.1352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17947	68108	Zinc	322.1557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
17949	68108	Zinc	253.6168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17953	68108	Zinc	359.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17956	68108	Zinc	351.143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17958	68108	Zinc	404.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
17963	68108	Zinc	524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
17965	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17968	68108	Zinc	432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
17971	68108	Zinc	268.1594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
17972	68108	Zinc	451.6507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
17980	68108	Zinc	638.9957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
17981	68108	Zinc	282.0612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
17985	68108	Zinc	353.4303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
17987	68108	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
17989	68108	Zinc	217.8121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18010	68108	Zinc	497.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18016	68108	Zinc	293.1239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18022	68108	Zinc	334.8738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18032	68108	Zinc	430.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18037	68108	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18038	68108	Zinc	444.5752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18050	68108	Zinc	486.5209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18061	68108	Zinc	694.2024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18063	68108	Zinc	401.1521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18066	68108	Zinc	584.9638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18069	68108	Zinc	663.5419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18070	68108	Zinc	369.299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18075	68108	Zinc	278.0117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18077	68108	Zinc	386.0043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18079	68108	Zinc	570.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18082	68108	Zinc	123.6145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18084	68108	Zinc	333.5299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18087	68108	Zinc	891.8625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18089	68108	Zinc	211.4397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18090	68108	Zinc	350.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18091	68108	Zinc	457.8362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18093	68108	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18096	68108	Zinc	241.6285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18098	68108	Zinc	685.5071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18100	68108	Zinc	223.6772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18103	68108	Zinc	376.3567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18106	68108	Zinc	244.3875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18108	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18109	68108	Zinc	283.3428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18111	68108	Zinc	370.9989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18112	68108	Zinc	304.5604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18113	68108	Zinc	349.0871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18115	68108	Zinc	460.3015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18116	68108	Zinc	395.9011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18119	68108	Zinc	289.6084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18123	68108	Zinc	285.0961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18126	68108	Zinc	570.0118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18127	68108	Zinc	373.9804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18129	68108	Zinc	722.5311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18130	68108	Zinc	5066.808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	8E-03
18131	68108	Zinc	480.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18135	68108	Zinc	428.6086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18136	68108	Zinc	635.0441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18139	68108	Zinc	397.4853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18140	68108	Zinc	154.631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18141	68108	Zinc	562.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18142	68108	Zinc	385.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18146	68108	Zinc	609.6257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18148	68108	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18149	68108	Zinc	796.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18150	68108	Zinc	237.2141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18154	68108	Zinc	374.4343	3.00E-01	--	3.00E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
18194	68108	Zinc	444.7621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18195	68108	Zinc	297.2268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18196	68108	Zinc	882.9447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18198	68108	Zinc	318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18199	68108	Zinc	366.4154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18202	68108	Zinc	337.7396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18205	68108	Zinc	549.8533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18209	68108	Zinc	586.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18211	68108	Zinc	208.832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18212	68108	Zinc	533.6375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18213	68108	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18215	68108	Zinc	379.8277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18217	68108	Zinc	397.2806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18218	68108	Zinc	396.6843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18219	68108	Zinc	524.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18221	68108	Zinc	264.279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18222	68108	Zinc	476.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18228	68108	Zinc	341.6645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18231	68108	Zinc	214.4301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18234	68108	Zinc	340.2672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18235	68108	Zinc	376.864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18238	68108	Zinc	396.1414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18241	68108	Zinc	515.5527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18242	68108	Zinc	691.479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18244	68108	Zinc	647.6821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18245	68108	Zinc	654.2236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18246	68108	Zinc	440.3477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18249	68108	Zinc	535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18253	68108	Zinc	350.0216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18254	68108	Zinc	246.4523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18255	68108	Zinc	236.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18257	68108	Zinc	295.8384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18259	68108	Zinc	302.6558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18263	68108	Zinc	322.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18264	68108	Zinc	414.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18271	68108	Zinc	404.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18272	68108	Zinc	315.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18276	68108	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18277	68108	Zinc	257.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18280	68108	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18282	68108	Zinc	472.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18283	68108	Zinc	456.4478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18286	68108	Zinc	567.9203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18288	68108	Zinc	368.6048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18289	68108	Zinc	502.1404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18296	68108	Zinc	459.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18305	68108	Zinc	305.5394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18307	68108	Zinc	207.0698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18308	68108	Zinc	340.7656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18309	68108	Zinc	475.3781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18310	68108	Zinc	309.5355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18314	68108	Zinc	255.379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18315	68108	Zinc	350.1284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18316	68108	Zinc	241.2102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18317	68108	Zinc	249.8521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18318	68108	Zinc	1103.371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18319	68108	Zinc	482.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18322	68108	Zinc	628.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18325	68108	Zinc	352.0152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18326	68108	Zinc	305.1923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18327	68108	Zinc	593.1429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18328	68108	Zinc	233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18330	68108	Zinc	512.9806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18331	68108	Zinc	438.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18339	68108	Zinc	387.8288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18340	68108	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18341	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18343	68108	Zinc	945.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
18345	68108	Zinc	446.3018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18348	68108	Zinc	420.7321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18350	68108	Zinc	378.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18357	68108	Zinc	327.8072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18361	68108	Zinc	412.0101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18366	68108	Zinc	454.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18373	68108	Zinc	420.5719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18375	68108	Zinc	347.9123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18377	68108	Zinc	398.4109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18379	68108	Zinc	425.4936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18380	68108	Zinc	372.9925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18384	68108	Zinc	361.645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18385	68108	Zinc	411.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18386	68108	Zinc	235.8168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18388	68108	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18390	68108	Zinc	114.2873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18391	68108	Zinc	603.4847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18392	68108	Zinc	172.2797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18394	68108	Zinc	373.2951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18397	68108	Zinc	395.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
18430	68108	Zinc	394.6996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18433	68108	Zinc	488.2386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18435	68108	Zinc	385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18436	68108	Zinc	552.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18437	68108	Zinc	521.9073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18438	68108	Zinc	1156.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18439	68108	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18440	68108	Zinc	623.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18441	68108	Zinc	910.5703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18447	68108	Zinc	546.3022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18448	68108	Zinc	535.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18449	68108	Zinc	645.7419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18450	68108	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18451	68108	Zinc	416.8695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18456	68108	Zinc	244.4231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18461	68108	Zinc	1103.727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18467	68108	Zinc	401.3301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18468	68108	Zinc	506.7506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18471	68108	Zinc	584.2162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18475	68108	Zinc	302.905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18476	68108	Zinc	910.7839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18477	68108	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18483	68108	Zinc	262.5702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18484	68108	Zinc	258.6275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18486	68108	Zinc	783.9055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18487	68108	Zinc	446.9693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18488	68108	Zinc	508.3615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18492	68108	Zinc	615.7756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18494	68108	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18497	68108	Zinc	375.2531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18498	68108	Zinc	444.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18501	68108	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18502	68108	Zinc	415.4722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18504	68108	Zinc	279.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18506	68108	Zinc	502.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18509	68108	Zinc	269.7347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18510	68108	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18512	68108	Zinc	196.7369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18515	68108	Zinc	525.3516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18518	68108	Zinc	625.7614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18519	68108	Zinc	340.7656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18521	68108	Zinc	466.8697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18522	68108	Zinc	463.7102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18526	68108	Zinc	287.5169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18530	68108	Zinc	244.9927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18532	68108	Zinc	330.4505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18533	68108	Zinc	211.5465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18535	68108	Zinc	440.9885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18536	68108	Zinc	406.2073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18537	68108	Zinc	244.2718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18539	68108	Zinc	193.6041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18540	68108	Zinc	358.7703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18541	68108	Zinc	544.9227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18542	68108	Zinc	229.6847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18543	68108	Zinc	344.4947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18547	68108	Zinc	339.395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18549	68108	Zinc	259.5086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18551	68108	Zinc	341.6289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18552	68108	Zinc	312.0008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18554	68108	Zinc	414.4487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18556	68108	Zinc	399.2475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18566	68108	Zinc	349.7368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18567	68108	Zinc	449.1676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18568	68108	Zinc	532.0533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18569	68108	Zinc	228.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18571	68108	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18572	68108	Zinc	361.6005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18576	68108	Zinc	285.8081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18579	68108	Zinc	208.5205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18582	68108	Zinc	252.7268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18585	68108	Zinc	380.958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18594	68108	Zinc	992.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
18595	68108	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18597	68108	Zinc	404.7566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18599	68108	Zinc	498.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18603	68108	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18605	68108	Zinc	325.7513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18609	68108	Zinc	392.5903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18611	68108	Zinc	683.5936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18614	68108	Zinc	516.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18619	68108	Zinc	693.9354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18622	68108	Zinc	415.8549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18627	68108	Zinc	239.6705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18629	68108	Zinc	481.9997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18631	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18632	68108	Zinc	427.7987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18634	68108	Zinc	701.8742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18636	68108	Zinc	793.8646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
18681	68108	Zinc	336.1465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18682	68108	Zinc	321.5772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18687	68108	Zinc	847.7185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18691	68108	Zinc	239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18692	68108	Zinc	464.5557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18694	68108	Zinc	410.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18696	68108	Zinc	262.0718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18697	68108	Zinc	557.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18698	68108	Zinc	511.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18700	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18702	68108	Zinc	305.9132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18703	68108	Zinc	569.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18704	68108	Zinc	334.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18706	68108	Zinc	367.7059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18707	68108	Zinc	478.4397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18709	68108	Zinc	348.5887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18710	68108	Zinc	207.9153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18711	68108	Zinc	517.6531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18712	68108	Zinc	344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18716	68108	Zinc	324.1671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18718	68108	Zinc	158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18720	68108	Zinc	386.6896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18721	68108	Zinc	334.0194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18724	68108	Zinc	317.946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18725	68108	Zinc	465.5881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18726	68108	Zinc	159.3747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
18731	68108	Zinc	667.2799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18742	68108	Zinc	538.1142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18748	68108	Zinc	1018.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18749	68108	Zinc	390.0983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18751	68108	Zinc	273.1167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18756	68108	Zinc	498.2778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18758	68108	Zinc	282.2392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18760	68108	Zinc	322.218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18761	68108	Zinc	269.1206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18766	68108	Zinc	205.2631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18768	68108	Zinc	469.0413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18771	68108	Zinc	677.6128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18772	68108	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18774	68108	Zinc	241.2903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18779	68108	Zinc	527.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18780	68108	Zinc	601.8026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18781	68108	Zinc	332.4619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18784	68108	Zinc	302.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18788	68108	Zinc	361.734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18793	68108	Zinc	468.5429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18794	68108	Zinc	359.9362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18799	68108	Zinc	324.5498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18800	68108	Zinc	636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18802	68108	Zinc	638.1769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18803	68108	Zinc	333.0582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18805	68108	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18808	68108	Zinc	340.1871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18809	68108	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18811	68108	Zinc	383.1385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18814	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18816	68108	Zinc	120.5173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18818	68108	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18819	68108	Zinc	371.7198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18822	68108	Zinc	393.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18826	68108	Zinc	412.8734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18832	68108	Zinc	379.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18833	68108	Zinc	424.479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18836	68108	Zinc	529.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18837	68108	Zinc	330.6641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18838	68108	Zinc	419.3615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18843	68108	Zinc	631.582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
18844	68108	Zinc	520.2341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18845	68108	Zinc	723.7237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18849	68108	Zinc	541.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18851	68108	Zinc	325.422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18854	68108	Zinc	245.322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18855	68108	Zinc	410.0343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18860	68108	Zinc	305.7085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18862	68108	Zinc	484.5095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
18864	68108	Zinc	285.283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18872	68108	Zinc	138.0859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18875	68108	Zinc	138.8958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18879	68108	Zinc	306.1001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18885	68108	Zinc	289.1634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18890	68108	Zinc	307.8445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18892	68108	Zinc	1370.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
18893	68108	Zinc	352.5136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18896	68108	Zinc	307.6932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18899	68108	Zinc	570.1008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18903	68108	Zinc	345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
18914	68108	Zinc	276.6055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18922	68108	Zinc	286.3421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
18947	68108	Zinc	251.1159	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18950	68108	Zinc	258.3427	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18953	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
18956	68108	Zinc	518.908	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18960	68108	Zinc	585.0973	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
18962	68108	Zinc	372.4229	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18965	68108	Zinc	168.871	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18968	68108	Zinc	371.7732	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
18972	68108	Zinc	228.4298	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18974	68108	Zinc	275.5019	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18975	68108	Zinc	439.9828	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18976	68108	Zinc	509.83	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
18977	68108	Zinc	797.4335	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
18978	68108	Zinc	333.2629	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
18981	68108	Zinc	212.0271	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18982	68108	Zinc	205.4144	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
18984	68108	Zinc	118.8797	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
18985	68108	Zinc	231.082	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
18988	68108	Zinc	415.0984	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
18990	68108	Zinc	437.3662	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18991	68108	Zinc	280.7529	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
18992	68108	Zinc	545.43	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
18994	68108	Zinc	438.0693	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
18998	68108	Zinc	554.9619	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19002	68108	Zinc	484.02	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19005	68108	Zinc	247.013	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19008	68108	Zinc	548.2958	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19011	68108	Zinc	294.1296	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19012	68108	Zinc	188.8337	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19018	68108	Zinc	368.1064	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19019	68108	Zinc	332.364	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19021	68108	Zinc	532.97	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19030	68108	Zinc	496.7915	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19033	68108	Zinc	375.5201	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19038	68108	Zinc	216.7886	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19041	68108	Zinc	356.9102	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19044	68108	Zinc	255.9753	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19045	68108	Zinc	324.2027	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19048	68108	Zinc	309.6868	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19054	68108	Zinc	348.4908	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19058	68108	Zinc	401.5259	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19059	68108	Zinc	900.0238	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19063	68108	Zinc	323.9713	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19064	68108	Zinc	386.2001	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19069	68108	Zinc	173.232	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19071	68108	Zinc	214.1364	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19072	68108	Zinc	355.2459	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19073	68108	Zinc	725.8953	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19074	68108	Zinc	185.1491	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19076	68108	Zinc	322.9033	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19078	68108	Zinc	410.9688	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19079	68108	Zinc	949.846	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
19082	68108	Zinc	464.5735	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19084	68108	Zinc	502.3451	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19085	68108	Zinc	1152.41	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
19086	68108	Zinc	358.8771	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19088	68108	Zinc	371.4528	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19090	68108	Zinc	536.441	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19091	68108	Zinc	463.639	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19093	68108	Zinc	695.84	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19094	68108	Zinc	483.4326	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19095	68108	Zinc	506.5459	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19096	68108	Zinc	247.8674	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19097	68108	Zinc	250.6086	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19098	68108	Zinc	219.69	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19099	68108	Zinc	662.8477	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19103	68108	Zinc	496.6313	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19111	68108	Zinc	246.39	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19115	68108	Zinc	213.2375	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19116	68108	Zinc	423.9539	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19117	68108	Zinc	245.0194	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19119	68108	Zinc	511.3519	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19122	68108	Zinc	917.094	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19125	68108	Zinc	239.8396	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19126	68108	Zinc	230	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19130	68108	Zinc	220.224	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19136	68108	Zinc	196.55	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19138	68108	Zinc	279.5247	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19140	68108	Zinc	224.9054	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19144	68108	Zinc	251.73	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19151	68108	Zinc	190.5425	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19153	68108	Zinc	262.7571	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19157	68108	Zinc	795.5378	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19159	68108	Zinc	516.2024	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19161	68108	Zinc	291.2015	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19164	68108	Zinc	455.9939	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19170	68108	Zinc	712.3228	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
19195	68108	Zinc	396.8267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19197	68108	Zinc	437.9002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19198	68108	Zinc	440.0006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19199	68108	Zinc	464.4222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19201	68108	Zinc	401.0008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19203	68108	Zinc	419.8332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19205	68108	Zinc	230.8684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19206	68108	Zinc	232.7374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19207	68108	Zinc	291.7444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19209	68108	Zinc	274.0156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19210	68108	Zinc	421.8802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19211	68108	Zinc	379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19212	68108	Zinc	525.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19214	68108	Zinc	678.1913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19224	68108	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19243	68108	Zinc	175.0298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19244	68108	Zinc	272.4759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19247	68108	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19251	68108	Zinc	627.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19254	68108	Zinc	591.6299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
19255	68108	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19256	68108	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19258	68108	Zinc	456.3766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19262	68108	Zinc	669.2735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19264	68108	Zinc	363.6297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19268	68108	Zinc	436.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19269	68108	Zinc	504.2052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19276	68108	Zinc	619.7628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19277	68108	Zinc	367.9195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19279	68108	Zinc	491.229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19280	68108	Zinc	888.4004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19281	68108	Zinc	696.6143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19289	68108	Zinc	199.754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19290	68108	Zinc	208.2802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19292	68108	Zinc	406.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19294	68108	Zinc	383.7704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19299	68108	Zinc	331.0112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19301	68108	Zinc	240.5071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19312	68108	Zinc	319.8595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19313	68108	Zinc	650.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19315	68108	Zinc	730.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19341	68108	Zinc	987.849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
19343	68108	Zinc	513.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19347	68108	Zinc	361.1199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19349	68108	Zinc	1296.145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
19351	68108	Zinc	337.0098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19355	68108	Zinc	338.238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19357	68108	Zinc	442.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19362	68108	Zinc	469.9402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19369	68108	Zinc	541.0779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19371	68108	Zinc	199.8964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19373	68108	Zinc	462.1883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19374	68108	Zinc	993.367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
19375	68108	Zinc	233.7787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19376	68108	Zinc	354.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19379	68108	Zinc	287.686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19381	68108	Zinc	291.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19383	68108	Zinc	423.4822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19385	68108	Zinc	377.3357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19388	68108	Zinc	933.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19389	68108	Zinc	429.5609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19390	68108	Zinc	304.7473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19391	68108	Zinc	530.0864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19394	68108	Zinc	1215.422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
19395	68108	Zinc	395.1446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19396	68108	Zinc	782.704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19399	68108	Zinc	611.2811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19402	68108	Zinc	230.4768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19404	68108	Zinc	329.1422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19406	68108	Zinc	412.4284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19407	68108	Zinc	231.0197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19411	68108	Zinc	407.2842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19414	68108	Zinc	313.8876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19416	68108	Zinc	354.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19417	68108	Zinc	432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19419	68108	Zinc	334.0016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19426	68108	Zinc	588.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
19429	68108	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19430	68108	Zinc	670.4483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19440	68108	Zinc	449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19444	68108	Zinc	385.7996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19449	68108	Zinc	415.7125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19450	68108	Zinc	168.1056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19455	68108	Zinc	347.4762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19460	68108	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19464	68108	Zinc	328.3946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19465	68108	Zinc	309.8737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19466	68108	Zinc	422.6723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
19506	68108	Zinc	278.0206	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19509	68108	Zinc	365.383	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19512	68108	Zinc	404.9435	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19513	68108	Zinc	524.07	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19514	68108	Zinc	292.2517	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19515	68108	Zinc	225.9912	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19519	68108	Zinc	400.1909	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19521	68108	Zinc	266.593	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19522	68108	Zinc	252.7446	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19526	68108	Zinc	233.8677	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19533	68108	Zinc	345.18	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19535	68108	Zinc	541.1936	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19545	68108	Zinc	130.1204	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19546	68108	Zinc	146.2294	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19549	68108	Zinc	326.2942	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19553	68108	Zinc	387.5796	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19554	68108	Zinc	575.779	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
19557	68108	Zinc	742.7163	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19563	68108	Zinc	923.769	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19564	68108	Zinc	256.18	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19565	68108	Zinc	448.2242	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19566	68108	Zinc	433.5125	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19570	68108	Zinc	328.7595	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19571	68108	Zinc	671.5608	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19573	68108	Zinc	462.8469	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19574	68108	Zinc	447.0494	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19579	68108	Zinc	330.406	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19581	68108	Zinc	287.686	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19584	68108	Zinc	380.958	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19586	68108	Zinc	339.751	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19590	68108	Zinc	497.5658	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19595	68108	Zinc	488.9417	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19597	68108	Zinc	318.2041	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19600	68108	Zinc	375.3421	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19603	68108	Zinc	408.5747	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19617	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19622	68108	Zinc	266.326	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19623	68108	Zinc	441.656	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19624	68108	Zinc	114.4297	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19627	68108	Zinc	234.1347	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19628	68108	Zinc	385.1499	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19630	68108	Zinc	451.3303	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19632	68108	Zinc	622.1658	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19633	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19634	68108	Zinc	256.6784	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19637	68108	Zinc	395.4294	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19640	68108	Zinc	217.2158	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19643	68108	Zinc	253.8037	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19644	68108	Zinc	463.6479	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19650	68108	Zinc	482.2222	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19651	68108	Zinc	316.6288	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19652	68108	Zinc	169.3249	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19653	68108	Zinc	498.4558	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19654	68108	Zinc	377.7985	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19656	68108	Zinc	178.7055	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19660	68108	Zinc	256.892	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19661	68108	Zinc	619.2377	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19662	68108	Zinc	245.8204	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19665	68108	Zinc	319.7794	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19674	68108	Zinc	442.8308	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19680	68108	Zinc	195.9092	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19684	68108	Zinc	490.962	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19687	68108	Zinc	496.2397	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19689	68108	Zinc	440.9707	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
19694	68108	Zinc	153.118	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19698	68108	Zinc	246.8261	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19699	68108	Zinc	355.8422	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19701	68108	Zinc	2145.294	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
19703	68108	Zinc	273.6507	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19704	68108	Zinc	373.4375	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19707	68108	Zinc	286.9918	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19709	68108	Zinc	428.8667	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19712	68108	Zinc	249.06	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19713	68108	Zinc	129.8	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19714	68108	Zinc	297.12	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19723	68108	Zinc	861.3444	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19731	68108	Zinc	820.6803	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19732	68108	Zinc	346.0611	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19736	68108	Zinc	549.969	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
19748	68108	Zinc	345.4915	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19750	68108	Zinc	656.324	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19752	68108	Zinc	139.8392	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19754	68108	Zinc	320.5359	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19769	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19770	68108	Zinc	271.6482	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19774	68108	Zinc	186.5108	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19777	68108	Zinc	459.1	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E

Central Tendency Exposure - Zinc

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
19808	68108	Zinc	232.5327	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
19811	68108	Zinc	810.65	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19820	68108	Zinc	685.7919	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19826	68108	Zinc	399.3365	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19828	68108	Zinc	184.9978	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19838	68108	Zinc	373.5532	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19850	68108	Zinc	719.7276	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19853	68108	Zinc	507.5427	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19862	68108	Zinc	429.4541	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19870	68108	Zinc	336.5381	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19872	68108	Zinc	623.2071	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
19874	68108	Zinc	365.4275	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19875	68108	Zinc	531.4036	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
19880	68108	Zinc	262.4278	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19882	68108	Zinc	214.7505	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19883	68108	Zinc	141.459	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
19884	68108	Zinc	263.6649	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19894	68108	Zinc	332.9781	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19898	68108	Zinc	76.9874	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
19902	68108	Zinc	218.0613	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19904	68108	Zinc	158.6805	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
19905	68108	Zinc	274.87	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19906	68108	Zinc	478.8936	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19909	68108	Zinc	648.7501	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19917	68108	Zinc	216.4148	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
19920	68108	Zinc	342.2341	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19930	68108	Zinc	256.625	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
19933	68108	Zinc	409.9631	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
19937	68108	Zinc	310.114	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19948	68108	Zinc	359.3666	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
19949	68108	Zinc	295.34	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
19964	68108	Zinc	340.1604	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
19969	68108	Zinc	380.8868	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
19980	68108	Zinc	1477.616	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
19985	68108	Zinc	790.6962	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19988	68108	Zinc	475.12	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
19991	68108	Zinc	692.1109	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
19996	68108	Zinc	164.5278	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
19998	68108	Zinc	335.212	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20003	68108	Zinc	215.7028	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20004	68108	Zinc	318.6491	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20006	68108	Zinc	481.9018	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20011	68108	Zinc	316.8691	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20013	68108	Zinc	166.4769	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20021	68108	Zinc	506.804	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20037	68108	Zinc	358.53	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20039	68108	Zinc	301.57	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20040	68108	Zinc	466.398	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20043	68108	Zinc	284.0993	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20044	68108	Zinc	715.4912	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20046	68108	Zinc	375.44	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20047	68108	Zinc	474.675	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20051	68108	Zinc	225.92	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
20053	68108	Zinc	498.2155	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20055	68108	Zinc	375.6714	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20060	68108	Zinc	346.604	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20061	68108	Zinc	537.42	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20063	68108	Zinc	133.627	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20068	68108	Zinc	913.267	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20078	68108	Zinc	255.6371	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20081	68108	Zinc	443.1868	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20083	68108	Zinc	316.5576	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20084	68108	Zinc	226.6231	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
20086	68108	Zinc	288.754	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20087	68108	Zinc	420.9101	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20090	68108	Zinc	755.47	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20091	68108	Zinc	440.41	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20100	68108	Zinc	528.9116	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20103	68108	Zinc	647.068	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20104	68108	Zinc	368.2132	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20109	68108	Zinc	503.6	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20115	68108	Zinc	616.63	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20117	68108	Zinc	616.7813	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20122	68108	Zinc	449.0786	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20127	68108	Zinc	243.1504	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20136	68108	Zinc	847.14	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20137	68108	Zinc	549	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20142	68108	Zinc	640.3663	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20144	68108	Zinc	473.9452	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20145	68108	Zinc	292.4653	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20149	68108	Zinc	523.1889	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20151	68108	Zinc	319.7349	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20154	68108	Zinc	735.4806	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20158	68108	Zinc	747.8427	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20160	68108	Zinc	780.4701	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20165	68108	Zinc	510.6221	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20167	68108	Zinc	654.6508	3.00E-01	--	3.00E-01	--		4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20200	68108	Zinc	458.4058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20201	68108	Zinc	160.594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20202	68108	Zinc	515.6417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20205	68108	Zinc	383.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20210	68108	Zinc	576.046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20222	68108	Zinc	159.8731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
20225	68108	Zinc	412.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20229	68108	Zinc	311.0663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20230	68108	Zinc	370.812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20231	68108	Zinc	332.7645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20237	68108	Zinc	548.0644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20240	68108	Zinc	560.9783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20242	68108	Zinc	352.8963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20244	68108	Zinc	341.5755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20252	68108	Zinc	423.0906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20256	68108	Zinc	278.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20258	68108	Zinc	462.0192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20264	68108	Zinc	444.1658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20266	68108	Zinc	492.5284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20269	68108	Zinc	466.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20274	68108	Zinc	582.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20279	68108	Zinc	619.923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20282	68108	Zinc	365.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20283	68108	Zinc	363.1046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20284	68108	Zinc	4804.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-02	8E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-02	8E-03
20285	68108	Zinc	318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20287	68108	Zinc	367.1185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20289	68108	Zinc	536.174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20292	68108	Zinc	238.7538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20294	68108	Zinc	299.9146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20302	68108	Zinc	569.6558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20304	68108	Zinc	352.2021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20308	68108	Zinc	303.2076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20311	68108	Zinc	304.6049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20314	68108	Zinc	243.2216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20318	68108	Zinc	242.8389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20320	68108	Zinc	314.8488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20337	68108	Zinc	149.1486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20341	68108	Zinc	468.7476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20344	68108	Zinc	336.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20345	68108	Zinc	616.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20356	68108	Zinc	521.4979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20357	68108	Zinc	353.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20358	68108	Zinc	425.8585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20363	68108	Zinc	452.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20367	68108	Zinc	309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20369	68108	Zinc	582.3917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20370	68108	Zinc	584.1717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20372	68108	Zinc	396.5419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20373	68108	Zinc	416.0151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20381	68108	Zinc	269.7881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20382	68108	Zinc	379.6675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20390	68108	Zinc	335.746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20395	68108	Zinc	320.3668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20396	68108	Zinc	349.8436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20402	68108	Zinc	396.7021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20412	68108	Zinc	308.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20425	68108	Zinc	449.6927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20431	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20432	68108	Zinc	367.875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20437	68108	Zinc	353.3769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20438	68108	Zinc	367.6258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20439	68108	Zinc	375.5913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20444	68108	Zinc	538.6304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20445	68108	Zinc	296.8886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20451	68108	Zinc	300.1371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20459	68108	Zinc	441.6471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20464	68108	Zinc	222.0396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
20467	68108	Zinc	432.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20468	68108	Zinc	791.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20476	68108	Zinc	249.1223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20484	68108	Zinc	440.0718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20487	68108	Zinc	336.547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20489	68108	Zinc	930.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20491	68108	Zinc	525.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20501	68108	Zinc	319.6815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20502	68108	Zinc	330.0589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20511	68108	Zinc	704.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20515	68108	Zinc	663.711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20516	68108	Zinc	476.099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20517	68108	Zinc	631.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20518	68108	Zinc	196.016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20524	68108	Zinc	750.2902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20529	68108	Zinc	603.2889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20530	68108	Zinc	379.5429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20538	68108	Zinc	299.2026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20541	68108	Zinc	416.4334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20542	68108	Zinc	268.2395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20574	68108	Zinc	220.1172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
20575	68108	Zinc	687.5274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20581	68108	Zinc	688.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20582	68108	Zinc	465.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20588	68108	Zinc	479.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20589	68108	Zinc	480.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20592	68108	Zinc	128.2425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20596	68108	Zinc	298.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20608	68108	Zinc	827.7469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20617	68108	Zinc	512.0817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20620	68108	Zinc	501.5263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20623	68108	Zinc	342.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20627	68108	Zinc	303.5191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20629	68108	Zinc	616.2384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20632	68108	Zinc	141.6815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20633	68108	Zinc	203.6878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20635	68108	Zinc	694.3715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20638	68108	Zinc	246.1586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20639	68108	Zinc	484.3315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20654	68108	Zinc	703.3605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20658	68108	Zinc	126.6583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
20660	68108	Zinc	194.2716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20664	68108	Zinc	580.585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20671	68108	Zinc	407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20676	68108	Zinc	378.555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20677	68108	Zinc	738.471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20689	68108	Zinc	367.6169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20695	68108	Zinc	338.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20699	68108	Zinc	827.2485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20719	68108	Zinc	1526.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
20724	68108	Zinc	549.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20729	68108	Zinc	413.4252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20731	68108	Zinc	414.7691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20732	68108	Zinc	489.9474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20734	68108	Zinc	390.8459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20736	68108	Zinc	191.3791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
20738	68108	Zinc	600.9482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20740	68108	Zinc	481.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20741	68108	Zinc	829.5536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20742	68108	Zinc	425.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
20744	68108	Zinc	394.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20745	68108	Zinc	334.1262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20746	68108	Zinc	335.1497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20749	68108	Zinc	396.0524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20750	68108	Zinc	244.6545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20752	68108	Zinc	365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20755	68108	Zinc	256.2156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20758	68108	Zinc	384.3845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20766	68108	Zinc	507.0888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20771	68108	Zinc	457.0352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20778	68108	Zinc	454.9259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20780	68108	Zinc	594.0062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20782	68108	Zinc	603.2355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20784	68108	Zinc	978.771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
20785	68108	Zinc	340.8813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20786	68108	Zinc	729.8736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20793	68108	Zinc	321.9599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20795	68108	Zinc	351.5346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20799	68108	Zinc	659.8573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20802	68108	Zinc	490.4725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20806	68108	Zinc	605.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20808	68108	Zinc	481.4212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20811	68108	Zinc	528.5645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
20816	68108	Zinc	389.9826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20818	68108	Zinc	336.3601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
20822	68108	Zinc	276.6233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20827	68108	Zinc	573.6786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20831	68108	Zinc	580.763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20832	68108	Zinc	355.9223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20835	68108	Zinc	390.6679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20846	68108	Zinc	574.5508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
20864	68108	Zinc	597.3437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
20865	68108	Zinc	443.2491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
20866	68108	Zinc	675.9396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20870	68108	Zinc	377.5849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
20875	68108	Zinc	279.5158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20880	68108	Zinc	477.5319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
20881	68108	Zinc	746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20891	68108	Zinc	269.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20904	68108	Zinc	365.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20912	68108	Zinc	959.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
20918	68108	Zinc	360.0697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
20922	68108	Zinc	637.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20926	68108	Zinc	563.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20929	68108	Zinc	538.1943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
20938	68108	Zinc	792.4762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20939	68108	Zinc	881.5563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
20940	68108	Zinc	873.0924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
20991	68108	Zinc	300.7423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
20992	68108	Zinc	948.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
20996	68108	Zinc	267.5631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
20998	68108	Zinc	352.0152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21003	68108	Zinc	170.1081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21004	68108	Zinc	431.5634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21006	68108	Zinc	492.2525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21017	68108	Zinc	720.9736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21026	68108	Zinc	534.127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21030	68108	Zinc	404.4718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21039	68108	Zinc	134.9442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21044	68108	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21063	68108	Zinc	707.5613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21084	68108	Zinc	115.6312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21091	68108	Zinc	465.8017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21103	68108	Zinc	174.3356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21118	68108	Zinc	321.3369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21121	68108	Zinc	160.0333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
21123	68108	Zinc	151.1867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21126	68108	Zinc	139.6879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21127	68108	Zinc	487.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21128	68108	Zinc	691.1675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21131	68108	Zinc	345.9632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21134	68108	Zinc	491.0777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21135	68108	Zinc	889.1391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21142	68108	Zinc	498.8652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21145	68108	Zinc	666.8349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21146	68108	Zinc	803.8148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21154	68108	Zinc	296.2567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
21155	68108	Zinc	518.1426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21156	68108	Zinc	743.2859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21157	68108	Zinc	591.6121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
21161	68108	Zinc	354.0711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21168	68108	Zinc	599.9425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
21172	68108	Zinc	669.7808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21175	68108	Zinc	962.217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
21181	68108	Zinc	521.1152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21184	68108	Zinc	288.042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
21188	68108	Zinc	699.3021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21190	68108	Zinc	478.9826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21197	68108	Zinc	407.1774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21199	68108	Zinc	523.5627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21217	68108	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21224	68108	Zinc	417.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21227	68108	Zinc	309.6868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21234	68108	Zinc	482.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21235	68108	Zinc	420.029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21236	68108	Zinc	437.3128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21238	68108	Zinc	513.5502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21240	68108	Zinc	507.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21242	68108	Zinc	446.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21245	68108	Zinc	191.4681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21246	68108	Zinc	413.5142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21250	68108	Zinc	465.8195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21253	68108	Zinc	682.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21255	68108	Zinc	75.2697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21256	68108	Zinc	86.3769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21284	68108	Zinc	548.1623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21292	68108	Zinc	218.9513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21353	68108	Zinc	142.5092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21357	68108	Zinc	101.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21359	68108	Zinc	126.863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21363	68108	Zinc	88.5307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21370	68108	Zinc	200.8754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21383	68108	Zinc	440.1697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21389	68108	Zinc	670.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21392	68108	Zinc	99.9761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
21395	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21398	68108	Zinc	273.8287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21400	68108	Zinc	347.138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21401	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21406	68108	Zinc	816.2125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21407	68108	Zinc	68.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21413	68108	Zinc	438.5588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21416	68108	Zinc	92.0284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
21422	68108	Zinc	99.006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
21428	68108	Zinc	399.9951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21432	68108	Zinc	1241.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
21437	68108	Zinc	257.2302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21441	68108	Zinc	274.2203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21442	68108	Zinc	471.2752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21452	68108	Zinc	108.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
21456	68108	Zinc	531.813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21461	68108	Zinc	605.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
21463	68108	Zinc	665.313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21502	68108	Zinc	360.3901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21506	68108	Zinc	867.6723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21508	68108	Zinc	1885.325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
21575	68108	Zinc	762.6434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21582	68108	Zinc	270	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21599	68108	Zinc	686.7175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21620	68108	Zinc	1420.211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
21627	68108	Zinc	581.1991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
21635	68108	Zinc	294.895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
21642	68108	Zinc	353.8308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21659	68108	Zinc	562.3667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21664	68108	Zinc	209.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21668	68108	Zinc	418.5605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21671	68108	Zinc	405.2639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21717	68108	Zinc	362.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21729	68108	Zinc	382.6935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21732	68108	Zinc	518.1782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21741	68108	Zinc	394.0143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21756	68108	Zinc	451.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21765	68108	Zinc	501.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
21767	68108	Zinc	546.7116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21771	68108	Zinc	176.3559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
21785	68108	Zinc	404.1781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
21791	68108	Zinc	524.7998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21792	68108	Zinc	551.2417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21798	68108	Zinc	441.1754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
21805	68108	Zinc	314.0923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21830	68108	Zinc	779.3487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21839	68108	Zinc	298.4906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
21846	68108	Zinc	764.904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21848	68108	Zinc	354.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21856	68108	Zinc	360.8796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21863	68108	Zinc	513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
21876	68108	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21886	68108	Zinc	367.8839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
21897	68108	Zinc	544.2374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21905	68108	Zinc	307.1236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21917	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
21920	68108	Zinc	313.3002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21940	68108	Zinc	418.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
21945	68108	Zinc	624.0704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
21947	68108	Zinc	534.7055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
21955	68108	Zinc	571.9876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
21959	68108	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
21972	68108	Zinc	710.7119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
21992	68108	Zinc	382.7647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22003	68108	Zinc	271.2833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22059	68108	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
22063	68108	Zinc	424.924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22066	68108	Zinc	374.5233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22068	68108	Zinc	511.8325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
22082	68108	Zinc	462.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
22086	68108	Zinc	668.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22095	68108	Zinc	503.9471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
22108	68108	Zinc	345.8119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
22111	68108	Zinc	632.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
22116	68108	Zinc	388.5052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22118	68108	Zinc	391.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22126	68108	Zinc	1193.439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
22136	68108	Zinc	464.6091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
22166	68108	Zinc	172.8938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22176	68108	Zinc	396.5152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22201	68108	Zinc	250.3327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22203	68108	Zinc	409.7851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22236	68108	Zinc	205.6191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22256	68108	Zinc	177.5218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22263	68108	Zinc	216.7886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22265	68108	Zinc	239.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22282	68108	Zinc	399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22283	68108	Zinc	752.2126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22294	68108	Zinc	534.7055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
22296	68108	Zinc	1178.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
22304	68108	Zinc	372.4496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22306	68108	Zinc	403.6352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22308	68108	Zinc	379.0534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34290	68108	Zinc	1298.014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49149	68108	Zinc	487.4999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49254	68108	Zinc	416.0952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49256	68108	Zinc	246.7994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49264	68108	Zinc	159.3569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49265	68108	Zinc	150.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49268	68108	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49269	68108	Zinc	124.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49270	68108	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49277	68108	Zinc	537.6069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
50449	68108	Zinc	206.6248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50450	68108	Zinc	246.2209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50451	68108	Zinc	190.0441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50452	68108	Zinc	169.9924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50453	68108	Zinc	297.1556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50454	68108	Zinc	267.1982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
50465	68108	Zinc	167.981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50466	68108	Zinc	157.835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50467	68108	Zinc	199.8786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50468	68108	Zinc	277.2641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50469	68108	Zinc	209.9445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50470	68108	Zinc	136.0033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50472	68108	Zinc	164.0027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50486	68108	Zinc	299.701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50518	68108	Zinc	416.6648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
50523	68108	Zinc	385.8975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50524	68108	Zinc	908.7636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50525	68108	Zinc	2421.105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
50526	68108	Zinc	1076.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
50529	68108	Zinc	540.8999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
50530	68108	Zinc	440.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
50532	68108	Zinc	638.5863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50562	68108	Zinc	633.4688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
50568	68108	Zinc	554.7216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
50577	68108	Zinc	495.9638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
50596	68108	Zinc	463.5233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
50623	68108	Zinc	601.9094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
50624	68108	Zinc	1140	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
50651	68108	Zinc	731.2442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50652	68108	Zinc	461.1203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
50674	68108	Zinc	381.9281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52419	68108	Zinc	555.5938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
52420	68108	Zinc	589.6452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
62914	68108	Zinc	568.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
62915	68108	Zinc	895.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
64162	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
64395	68108	Zinc	148.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
74005	68108	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
74047	68108	Zinc	489.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
74643	68108	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
75056	68108	Zinc	392.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
75057	68108	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
79306	68108	Zinc	322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
84762	68108	Zinc	511.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
87492	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
87917	68108	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
87919	68108	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
87989	68108	Zinc	635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
87990	68108	Zinc	401.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
87999	68108	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
88000	68108	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
88001	68108	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
88002	68108	Zinc	339.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
88003	68108	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
88004	68108	Zinc	302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
88005	68108	Zinc	325.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
88015	68108	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
88031	68108	Zinc	426.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
88078	68108	Zinc	1343.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
88959	68108	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89283	68108	Zinc	1007.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
89842	68108	Zinc	395.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
90091	68108	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
90092	68108	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90093	68108	Zinc	122.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90094	68108	Zinc	97.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
90096	68108	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90097	68108	Zinc	511.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
90529	68108	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90599	68108	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90600	68108	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90601	68108	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90602	68108	Zinc	179.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91071	68108	Zinc	481.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
91096	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
91300	68108	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
91313	68108	Zinc	316.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
91531	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
92372	68108	Zinc	237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
92680	68108	Zinc	554.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
93003	68108	Zinc	529.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
93004	68108	Zinc	414.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
93005	68108	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93006	68108	Zinc	566.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
93007	68108	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93008	68108	Zinc	666.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93009	68108	Zinc	404.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
93010	68108	Zinc	270.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
93031	68108	Zinc	554.3033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
93094	68108	Zinc	322.6363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93133	68108	Zinc	129.0613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93152	68108	Zinc	549.0968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
93214	68108	Zinc	319.2009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93455	68108	Zinc	410.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE

BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
152	68110	Zinc	377.042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
155	68110	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
165	68110	Zinc	256.892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
186	68110	Zinc	226.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
191	68110	Zinc	278.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
192	68110	Zinc	535.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
193	68110	Zinc	366.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
196	68110	Zinc	170.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
198	68110	Zinc	314.386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
203	68110	Zinc	360.666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
204	68110	Zinc	574.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
206	68110	Zinc	538.844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
209	68110	Zinc	216.842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
210	68110	Zinc	183.645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
211	68110	Zinc	314.386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
212	68110	Zinc	472.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
217	68110	Zinc	401.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
226	68110	Zinc	411.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
232	68110	Zinc	385.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
233	68110	Zinc	424.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
234	68110	Zinc	207.408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
235	68110	Zinc	407.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
236	68110	Zinc	491.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
238	68110	Zinc	432.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
239	68110	Zinc	223.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
241	68110	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
242	68110	Zinc	295.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
244	68110	Zinc	451.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
246	68110	Zinc	257.426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
248	68110	Zinc	300.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
252	68110	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
253	68110	Zinc	196.016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
289	68110	Zinc	225.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
290	68110	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
292	68110	Zinc	536.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
294	68110	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
299	68110	Zinc	170.117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
301	68110	Zinc	337.526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
302	68110	Zinc	317.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
303	68110	Zinc	262.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
304	68110	Zinc	263.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
306	68110	Zinc	198.775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
309	68110	Zinc	273.624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
312	68110	Zinc	779.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
313	68110	Zinc	536.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
314	68110	Zinc	524.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
316	68110	Zinc	382.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
317	68110	Zinc	272.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
320	68110	Zinc	178.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
321	68110	Zinc	264.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
322	68110	Zinc	354.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
324	68110	Zinc	216.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
325	68110	Zinc	290.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
326	68110	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
329	68110	Zinc	317.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
333	68110	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
334	68110	Zinc	171.986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
335	68110	Zinc	182.933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
342	68110	Zinc	282.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
345	68110	Zinc	240.516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
348	68110	Zinc	908.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
352	68110	Zinc	179.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
358	68110	Zinc	288.042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
361	68110	Zinc	414.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
364	68110	Zinc	752.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
365	68110	Zinc	207.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
368	68110	Zinc	157.123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
369	68110	Zinc	143.506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
370	68110	Zinc	145.286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
373	68110	Zinc	138.433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
374	68110	Zinc	387.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
376	68110	Zinc	352.122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
378	68110	Zinc	371.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
379	68110	Zinc	126.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
382	68110	Zinc	769.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
383	68110	Zinc	526.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
387	68110	Zinc	221.114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
390	68110	Zinc	287.686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
392	68110	Zinc	190.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
395	68110	Zinc	402.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
396	68110	Zinc	621.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
398	68110	Zinc	132.025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
400	68110	Zinc	203.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
403	68110	Zinc	147.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
404	68110	Zinc	177.059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
405	68110	Zinc	322.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
407	68110	Zinc	149.825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
412	68110	Zinc	613.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
416	68110	Zinc	603.992	3.00E-01	--	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
433	68110	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
435	68110	Zinc	255.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
436	68110	Zinc	353.902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
437	68110	Zinc	269.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
439	68110	Zinc	370.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
445	68110	Zinc	202.157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
446	68110	Zinc	118.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
447	68110	Zinc	131.491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
448	68110	Zinc	179.106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
450	68110	Zinc	416.024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
451	68110	Zinc	319.548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
454	68110	Zinc	378.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
456	68110	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
457	68110	Zinc	173.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
459	68110	Zinc	320.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
461	68110	Zinc	398.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
463	68110	Zinc	344.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
464	68110	Zinc	462.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
466	68110	Zinc	384.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
471	68110	Zinc	627.9953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
472	68110	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
475	68110	Zinc	284.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
480	68110	Zinc	284.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
481	68110	Zinc	402.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
482	68110	Zinc	404.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
486	68110	Zinc	191.922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
488	68110	Zinc	653.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
489	68110	Zinc	292.492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
491	68110	Zinc	445.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
497	68110	Zinc	275.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
499	68110	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
504	68110	Zinc	553.084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
508	68110	Zinc	320.794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
509	68110	Zinc	241.762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
510	68110	Zinc	356.394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
516	68110	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
517	68110	Zinc	185.069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
520	68110	Zinc	155.699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
529	68110	Zinc	904.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
538	68110	Zinc	531.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
608	68110	Zinc	343.934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
611	68110	Zinc	220.046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
619	68110	Zinc	128.465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
621	68110	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
650	68110	Zinc	270.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
721	68110	Zinc	409.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
879	68110	Zinc	165.667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
954	68110	Zinc	355.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
969	68110	Zinc	254.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1001	68110	Zinc	344.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1005	68110	Zinc	257.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1027	68110	Zinc	227.878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1034	68110	Zinc	368.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1047	68110	Zinc	219.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1050	68110	Zinc	298.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1053	68110	Zinc	507.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
1064	68110	Zinc	163.175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1070	68110	Zinc	818.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1071	68110	Zinc	367.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1077	68110	Zinc	426.704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1089	68110	Zinc	347.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1092	68110	Zinc	270.064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1094	68110	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1097	68110	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1103	68110	Zinc	287.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1107	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1114	68110	Zinc	289.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1118	68110	Zinc	219.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1121	68110	Zinc	299.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1124	68110	Zinc	393.596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1126	68110	Zinc	930.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1128	68110	Zinc	183.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1129	68110	Zinc	263.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1130	68110	Zinc	379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1131	68110	Zinc	239.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1132	68110	Zinc	243.542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1199	68110	Zinc	479.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1200	68110	Zinc	566.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
1205	68110	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1207	68110	Zinc	459.812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
1209	68110	Zinc	326.134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1233	68110	Zinc	618.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
1313	68110	Zinc	903.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1319	68110	Zinc	504.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
1342	68110	Zinc	170.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1352	68110	Zinc	655.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1369	68110	Zinc	354.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1378	68110	Zinc	310.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
2355	68110	Zinc	422.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2533	68110	Zinc	348.4107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2534	68110	Zinc	443.0889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
2539	68110	Zinc	325.1817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2541	68110	Zinc	191.9576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2543	68110	Zinc	266.8155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2546	68110	Zinc	395.9189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2547	68110	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3033	68110	Zinc	188.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3108	68110	Zinc	135.585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3117	68110	Zinc	546.943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
3136	68110	Zinc	226.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5202	68110	Zinc	153.207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5203	68110	Zinc	301.303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5257	68110	Zinc	258.6275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5258	68110	Zinc	181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5388	68110	Zinc	152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5497	68110	Zinc	118.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5507	68110	Zinc	264.546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5520	68110	Zinc	445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5521	68110	Zinc	367.608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5522	68110	Zinc	992.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5523	68110	Zinc	230.2365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5525	68110	Zinc	643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5526	68110	Zinc	554.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5527	68110	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5528	68110	Zinc	310.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5530	68110	Zinc	519.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5531	68110	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5532	68110	Zinc	966.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5533	68110	Zinc	670.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5535	68110	Zinc	274.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5536	68110	Zinc	430.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5539	68110	Zinc	465.864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5540	68110	Zinc	411.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5541	68110	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5543	68110	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5544	68110	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5545	68110	Zinc	215.5426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5546	68110	Zinc	183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5549	68110	Zinc	303.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5551	68110	Zinc	390.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5552	68110	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5553	68110	Zinc	311.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5554	68110	Zinc	278.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5556	68110	Zinc	220.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5557	68110	Zinc	249.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5558	68110	Zinc	320.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5559	68110	Zinc	262.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5560	68110	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5561	68110	Zinc	300.146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5562	68110	Zinc	264.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5563	68110	Zinc	307.978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5564	68110	Zinc	258.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5565	68110	Zinc	257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5566	68110	Zinc	268.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5568	68110	Zinc	97.1637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
5569	68110	Zinc	116.717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5570	68110	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5577	68110	Zinc	822.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5579	68110	Zinc	374.0516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5581	68110	Zinc	140.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5612	68110	Zinc	401.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5614	68110	Zinc	614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
5615	68110	Zinc	550.236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5616	68110	Zinc	340.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5617	68110	Zinc	473.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5620	68110	Zinc	257.426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5621	68110	Zinc	286.084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5640	68110	Zinc	149.469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5641	68110	Zinc	248.882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5642	68110	Zinc	263.122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5643	68110	Zinc	372.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5646	68110	Zinc	361.556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5647	68110	Zinc	344.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5648	68110	Zinc	106.7668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5649	68110	Zinc	380.246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5650	68110	Zinc	194.8412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5651	68110	Zinc	257.426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5661	68110	Zinc	202.157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5662	68110	Zinc	110.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5668	68110	Zinc	160.9322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5669	68110	Zinc	137.098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5671	68110	Zinc	294.5924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5676	68110	Zinc	425.636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5677	68110	Zinc	344.6015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5678	68110	Zinc	396.0791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5680	68110	Zinc	212.5166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
26180	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26182	68110	Zinc	615.4285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26186	68110	Zinc	263.3534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26198	68110	Zinc	486.6455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26201	68110	Zinc	268.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26218	68110	Zinc	255.9219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26234	68110	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26238	68110	Zinc	233.7698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26239	68110	Zinc	370.1178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26243	68110	Zinc	315.5252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26252	68110	Zinc	277.0505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26253	68110	Zinc	224.1667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26259	68110	Zinc	319.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26260	68110	Zinc	312.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26267	68110	Zinc	181.1886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26298	68110	Zinc	545.7949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26341	68110	Zinc	239.3501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26365	68110	Zinc	328.9197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26367	68110	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26369	68110	Zinc	1098.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26384	68110	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26386	68110	Zinc	188.4421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26389	68110	Zinc	136.8399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26393	68110	Zinc	323.7043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26398	68110	Zinc	150.9375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26402	68110	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26410	68110	Zinc	289.6351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26411	68110	Zinc	141.5035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26447	68110	Zinc	253.6346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26452	68110	Zinc	180.3787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26454	68110	Zinc	154.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26460	68110	Zinc	824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26462	68110	Zinc	215.3201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26465	68110	Zinc	568.4543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26502	68110	Zinc	361.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26508	68110	Zinc	344.379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26511	68110	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26527	68110	Zinc	406.6701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26533	68110	Zinc	137.1158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26540	68110	Zinc	199.0865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26544	68110	Zinc	387.5084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26546	68110	Zinc	138.522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26548	68110	Zinc	186.849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26550	68110	Zinc	309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26551	68110	Zinc	129.889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26557	68110	Zinc	493.9791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26559	68110	Zinc	207.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26563	68110	Zinc	205.7882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26568	68110	Zinc	220.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26572	68110	Zinc	268.106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26584	68110	Zinc	280.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26608	68110	Zinc	392.5725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26622	68110	Zinc	218.1325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26623	68110	Zinc	338.4427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26627	68110	Zinc	129.177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26639	68110	Zinc	328.8485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26697	68110	Zinc	157.1675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26701	68110	Zinc	190.7472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26703	68110	Zinc	219.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26704	68110	Zinc	255.1476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26706	68110	Zinc	209.3304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26707	68110	Zinc	161.2259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26708	68110	Zinc	157.657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26709	68110	Zinc	314.1546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26731	68110	Zinc	352.0686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26762	68110	Zinc	195.9715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26809	68110	Zinc	433.735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26823	68110	Zinc	365.9615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26835	68110	Zinc	417.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26838	68110	Zinc	322.4494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26841	68110	Zinc	272.0843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26843	68110	Zinc	229.6224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26846	68110	Zinc	206.8651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26862	68110	Zinc	491.0065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26873	68110	Zinc	198.5881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26895	68110	Zinc	274.9145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26917	68110	Zinc	231.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26919	68110	Zinc	204.649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26921	68110	Zinc	225.9378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26924	68110	Zinc	297.1022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26929	68110	Zinc	134.339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26946	68110	Zinc	190.8451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26969	68110	Zinc	259.8379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26974	68110	Zinc	338.238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26975	68110	Zinc	447.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26979	68110	Zinc	190.6671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27023	68110	Zinc	360.8885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27030	68110	Zinc	195.8469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27098	68110	Zinc	161.662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27126	68110	Zinc	276.116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27181	68110	Zinc	211.3062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27187	68110	Zinc	219.5921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27232	68110	Zinc	147.5377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27233	68110	Zinc	514.5559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27235	68110	Zinc	230.9129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27261	68110	Zinc	580.8075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27284	68110	Zinc	253.6435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27287	68110	Zinc	153.474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27291	68110	Zinc	281.0288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27296	68110	Zinc	358.1384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27327	68110	Zinc	1067.949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27332	68110	Zinc	976.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
27339	68110	Zinc	244.5121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27343	68110	Zinc	397.6188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27352	68110	Zinc	292.5365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27378	68110	Zinc	421.9336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27386	68110	Zinc	153.1447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27389	68110	Zinc	401.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27400	68110	Zinc	475.6184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27406	68110	Zinc	215.3468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27407	68110	Zinc	564.4938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27417	68110	Zinc	950.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
27435	68110	Zinc	426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27436	68110	Zinc	462.6867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27501	68110	Zinc	270.3399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27527	68110	Zinc	443.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27541	68110	Zinc	223.1521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27554	68110	Zinc	612.9899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27589	68110	Zinc	634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27592	68110	Zinc	438.7101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27628	68110	Zinc	363.7543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27643	68110	Zinc	559.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27649	68110	Zinc	549.6664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27667	68110	Zinc	222.8851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27680	68110	Zinc	314.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27683	68110	Zinc	240.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27690	68110	Zinc	353.7863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27693	68110	Zinc	307.3817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27704	68110	Zinc	300	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27720	68110	Zinc	1652.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
27735	68110	Zinc	547.3791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27749	68110	Zinc	688.1148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27753	68110	Zinc	396.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27756	68110	Zinc	458.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27771	68110	Zinc	226.7299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27781	68110	Zinc	321.4526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27796	68110	Zinc	541.1224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27815	68110	Zinc	183.8052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27816	68110	Zinc	225.208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27818	68110	Zinc	567.1905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27820	68110	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27821	68110	Zinc	326.8905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27822	68110	Zinc	185.8878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27826	68110	Zinc	389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27828	68110	Zinc	524.782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27835	68110	Zinc	220.3219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27838	68110	Zinc	355.682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27839	68110	Zinc	420.3138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27840	68110	Zinc	454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27841	68110	Zinc	606.8133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27844	68110	Zinc	204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27847	68110	Zinc	148.26305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27849	68110	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27852	68110	Zinc	402.8342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27855	68110	Zinc	427.2914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27881	68110	Zinc	468.623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27884	68110	Zinc	625.7436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27889	68110	Zinc	210.4785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27907	68110	Zinc	191.299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27927	68110	Zinc	265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27928	68110	Zinc	689.9749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27955	68110	Zinc	252.6645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27956	68110	Zinc	288.7807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27958	68110	Zinc	278.9462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27959	68110	Zinc	485.2482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27961	68110	Zinc	177.1302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27963	68110	Zinc	351.3477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27964	68110	Zinc	478.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27966	68110	Zinc	573.2425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27967	68110	Zinc	464.9918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27968	68110	Zinc	570.1542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27971	68110	Zinc	115.3019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27973	68110	Zinc	491.9054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27984	68110	Zinc	491.0065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28012	68110	Zinc	212.0449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28021	68110	Zinc	306.3671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28081	68110	Zinc	392.083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28086	68110	Zinc	191.9131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28092	68110	Zinc	316.967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28098	68110	Zinc	174.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28113	68110	Zinc	370.6073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28116	68110	Zinc	248.793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28120	68110	Zinc	252.2818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28152	68110	Zinc	539.7696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28155	68110	Zinc	841.6398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28158	68110	Zinc	92.3933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28163	68110	Zinc	640.215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28164	68110	Zinc	330.7086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28166	68110	Zinc	309.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28167	68110	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28175	68110	Zinc	263.211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28184	68110	Zinc	573.5184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28189	68110	Zinc	221.1763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28194	68110	Zinc	356.0113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28198	68110	Zinc	455.0505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28200	68110	Zinc	601.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28203	68110	Zinc	224.9054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28205	68110	Zinc	416.2287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28207	68110	Zinc	293.9872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28208	68110	Zinc	511.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28211	68110	Zinc	444.148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28215	68110	Zinc	382.3108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28221	68110	Zinc	248.2768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28226	68110	Zinc	209.34375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28233	68110	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28234	68110	Zinc	142.9809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28235	68110	Zinc	360.4791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28240	68110	Zinc	385.4525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28242	68110	Zinc	288.1043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28243	68110	Zinc	172.9917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28244	68110	Zinc	921.277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28249	68110	Zinc	184.1434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28250	68110	Zinc	398.8826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28251	68110	Zinc	538.2833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28256	68110	Zinc	535.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28257	68110	Zinc	333.9749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28258	68110	Zinc	356.5275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28259	68110	Zinc	403.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28261	68110	Zinc	401.1432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28262	68110	Zinc	323.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28264	68110	Zinc	260.9148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28268	68110	Zinc	404.4273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28271	68110	Zinc	210.8701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28278	68110	Zinc	206.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28298	68110	Zinc	553.6803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28309	68110	Zinc	229.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28323	68110	Zinc	748.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28334	68110	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28335	68110	Zinc	363.4606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28336	68110	Zinc	419.3437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28339	68110	Zinc	2898.145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
28340	68110	Zinc	205.361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28341	68110	Zinc	192.901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28342	68110	Zinc	294.0851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28343	68110	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28354	68110	Zinc	722.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28355	68110	Zinc	438.4609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28357	68110	Zinc	242.9546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28358	68110	Zinc	363.7009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28360	68110	Zinc	692.4402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28363	68110	Zinc	288.0776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28376	68110	Zinc	596.1422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28392	68110	Zinc	505.7894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28393	68110	Zinc	435.3815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28401	68110	Zinc	456.3855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28403	68110	Zinc	442.5727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28404	68110	Zinc	390.7925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28414	68110	Zinc	325.333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28418	68110	Zinc	342.0027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28421	68110	Zinc	375.4311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28425	68110	Zinc	381.1894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28455	68110	Zinc	429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28460	68110	Zinc	375.4489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28463	68110	Zinc	459.6073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28486	68110	Zinc	731.3421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28491	68110	Zinc	660.5159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28501	68110	Zinc	277.5578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28511	68110	Zinc	392.9374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28516	68110	Zinc	280.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28522	68110	Zinc	366.8604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28525	68110	Zinc	390.7925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28526	68110	Zinc	482.9698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28527	68110	Zinc	294.9662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28545	68110	Zinc	368.2488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
28593	68110	Zinc	437.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28595	68110	Zinc	315.8011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28624	68110	Zinc	624.8803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28647	68110	Zinc	337.259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28654	68110	Zinc	342.1807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28658	68110	Zinc	681.8937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28662	68110	Zinc	278.3143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28666	68110	Zinc	496.0617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28667	68110	Zinc	806.3246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28670	68110	Zinc	361.7963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28672	68110	Zinc	444.3616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28673	68110	Zinc	172.7247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28681	68110	Zinc	893.1263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28686	68110	Zinc	692.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28687	68110	Zinc	518.5253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28689	68110	Zinc	223.9353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28698	68110	Zinc	274.8166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28699	68110	Zinc	384.4646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28702	68110	Zinc	252.7624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28704	68110	Zinc	220.9894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28707	68110	Zinc	417.003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28708	68110	Zinc	454.7034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28710	68110	Zinc	867.0938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28711	68110	Zinc	435.0789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28715	68110	Zinc	448.6514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28717	68110	Zinc	444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28719	68110	Zinc	389.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28726	68110	Zinc	392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28742	68110	Zinc	445.394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28756	68110	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28761	68110	Zinc	306.8477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28765	68110	Zinc	288.2378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28769	68110	Zinc	107.5767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28774	68110	Zinc	543.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28795	68110	Zinc	401.8641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28797	68110	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28801	68110	Zinc	590.7755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28802	68110	Zinc	461.3695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28807	68110	Zinc	363.5941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28808	68110	Zinc	507.7118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28813	68110	Zinc	692.636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28817	68110	Zinc	250.7599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28820	68110	Zinc	1945.667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
28823	68110	Zinc	650.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28824	68110	Zinc	1182.047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28827	68110	Zinc	682.846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28839	68110	Zinc	358.6368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28848	68110	Zinc	414.7958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28857	68110	Zinc	396.0257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28859	68110	Zinc	422.6545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28860	68110	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28862	68110	Zinc	199.5582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28863	68110	Zinc	314.9645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28867	68110	Zinc	368.9252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28891	68110	Zinc	349.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28902	68110	Zinc	697.798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28903	68110	Zinc	235.3006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28905	68110	Zinc	220.9716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28910	68110	Zinc	427.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28912	68110	Zinc	262.8995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28916	68110	Zinc	345.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28919	68110	Zinc	988.383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
28923	68110	Zinc	363.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28924	68110	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28929	68110	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28938	68110	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28944	68110	Zinc	345.8297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28948	68110	Zinc	334.8649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28953	68110	Zinc	401.5081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28974	68110	Zinc	511.5299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28977	68110	Zinc	348.7489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28986	68110	Zinc	746.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28995	68110	Zinc	260.2028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28999	68110	Zinc	160	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29000	68110	Zinc	190.0797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29005	68110	Zinc	457.8629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29011	68110	Zinc	682.1073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29014	68110	Zinc	214.083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29018	68110	Zinc	378.6529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29020	68110	Zinc	302.1841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29024	68110	Zinc	418.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29026	68110	Zinc	633.3976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29027	68110	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29029	68110	Zinc	566.5675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29042	68110	Zinc	604.3124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29044	68110	Zinc	492.4127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29055	68110	Zinc	267.7856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29058	68110	Zinc	374.4966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29107	68110	Zinc	224.4337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29110	68110	Zinc	401.4636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29113	68110	Zinc	382.6134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29117	68110	Zinc	403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29120	68110	Zinc	292.9192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29121	68110	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29124	68110	Zinc	298.099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29135	68110	Zinc	475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29151	68110	Zinc	243.5064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29154	68110	Zinc	230.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29156	68110	Zinc	254.1597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29159	68110	Zinc	267.9191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29164	68110	Zinc	309.3397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29194	68110	Zinc	516.6385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29197	68110	Zinc	1002.267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
29199	68110	Zinc	548.0288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29202	68110	Zinc	540.7308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29207	68110	Zinc	283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29212	68110	Zinc	354.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29215	68110	Zinc	192.3492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29218	68110	Zinc	302.8872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29226	68110	Zinc	272.4848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29230	68110	Zinc	374.1139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29231	68110	Zinc	595.5637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29233	68110	Zinc	467.8131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29236	68110	Zinc	289.1812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29238	68110	Zinc	352.2021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29249	68110	Zinc	171.0693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29257	68110	Zinc	896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29267	68110	Zinc	497.5302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29269	68110	Zinc	330.6285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29271	68110	Zinc	196.3364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29273	68110	Zinc	641.7102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29275	68110	Zinc	286.7871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29277	68110	Zinc	346.6307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29282	68110	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29283	68110	Zinc	495.1361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29284	68110	Zinc	605.7809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29287	68110	Zinc	762.3052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29288	68110	Zinc	1139.327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29289	68110	Zinc	428.4484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29290	68110	Zinc	682.5345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29292	68110	Zinc	875.0326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29295	68110	Zinc	489.3511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29298	68110	Zinc	259.3751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29312	68110	Zinc	945.663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
29315	68110	Zinc	264.7418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29319	68110	Zinc	193.2659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29323	68110	Zinc	773.6883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29324	68110	Zinc	312.9175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29329	68110	Zinc	538.5592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29332	68110	Zinc	295.3489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29338	68110	Zinc	279.6404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29345	68110	Zinc	628.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29346	68110	Zinc	444.1747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29350	68110	Zinc	399.2475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29353	68110	Zinc	155.4943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29360	68110	Zinc	405.1927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29361	68110	Zinc	294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29363	68110	Zinc	517.1636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29365	68110	Zinc	230.3789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29367	68110	Zinc	248.6773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29371	68110	Zinc	589.6986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
29374	68110	Zinc	371.4261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29376	68110	Zinc	670.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29382	68110	Zinc	654.2236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29387	68110	Zinc	390.8726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29389	68110	Zinc	341.0326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29393	68110	Zinc	371.3371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29412	68110	Zinc	386.0043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29421	68110	Zinc	596.6228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29423	68110	Zinc	519.9404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29424	68110	Zinc	295.3934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29435	68110	Zinc	603.4402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29437	68110	Zinc	340.9347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29447	68110	Zinc	238.0774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29452	68110	Zinc	413.1404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29453	68110	Zinc	224.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29458	68110	Zinc	378.4126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29478	68110	Zinc	408.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29482	68110	Zinc	236.0571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29485	68110	Zinc	733.9943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29493	68110	Zinc	425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29494	68110	Zinc	247.8229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29500	68110	Zinc	249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29503	68110	Zinc	376.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29505	68110	Zinc	530	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29506	68110	Zinc	223.1699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29554	68110	Zinc	174.7005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29587	68110	Zinc	305.931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29590	68110	Zinc	230.3789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29591	68110	Zinc	379.3649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29593	68110	Zinc	719.8611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29609	68110	Zinc	642.5646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29610	68110	Zinc	170.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29634	68110	Zinc	341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29637	68110	Zinc	388.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29640	68110	Zinc	358.5478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29645	68110	Zinc	282.9601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29647	68110	Zinc	431.0472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29651	68110	Zinc	443.0533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29653	68110	Zinc	586.2365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
29657	68110	Zinc	198.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29663	68110	Zinc	1038.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29665	68110	Zinc	664.7078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29674	68110	Zinc	412.642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29679	68110	Zinc	295.7138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29685	68110	Zinc	205.6992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29686	68110	Zinc	279.8095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29687	68110	Zinc	348.5086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29692	68110	Zinc	551.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29693	68110	Zinc	180.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29696	68110	Zinc	482.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29698	68110	Zinc	239.4035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29701	68110	Zinc	350.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29708	68110	Zinc	545.2431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29723	68110	Zinc	352.8429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29726	68110	Zinc	664.0225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29728	68110	Zinc	700.6638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29730	68110	Zinc	216.7886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29732	68110	Zinc	375.1997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29734	68110	Zinc	275.6621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29738	68110	Zinc	162.9614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29740	68110	Zinc	214.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29742	68110	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29744	68110	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29745	68110	Zinc	335.3722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29746	68110	Zinc	682.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29750	68110	Zinc	565.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29752	68110	Zinc	1104.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29753	68110	Zinc	3244.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
29754	68110	Zinc	243.6399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29756	68110	Zinc	237.5256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29757	68110	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29758	68110	Zinc	204.738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29759	68110	Zinc	114.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29762	68110	Zinc	482.9787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29766	68110	Zinc	609.777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29773	68110	Zinc	278.3677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29774	68110	Zinc	156.8115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29776	68110	Zinc	427.9411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29782	68110	Zinc	150.7951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29786	68110	Zinc	471.6045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29795	68110	Zinc	324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29812	68110	Zinc	243.8624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29813	68110	Zinc	808.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29822	68110	Zinc	485.5597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29834	68110	Zinc	236.6623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29836	68110	Zinc	1080.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29844	68110	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29850	68110	Zinc	290.2225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29853	68110	Zinc	109.5703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29856	68110	Zinc	115.382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29858	68110	Zinc	134.7306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29862	68110	Zinc	133.271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29866	68110	Zinc	646.7921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29869	68110	Zinc	127.8598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29870	68110	Zinc	245.2508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29872	68110	Zinc	274.1669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29873	68110	Zinc	127.041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29874	68110	Zinc	288.0687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29875	68110	Zinc	157.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29877	68110	Zinc	368.7294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29878	68110	Zinc	909.529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29879	68110	Zinc	251.374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29880	68110	Zinc	441.0775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29882	68110	Zinc	321.7641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29883	68110	Zinc	507.0977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29884	68110	Zinc	394.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29885	68110	Zinc	428.0034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29886	68110	Zinc	539.5649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29887	68110	Zinc	293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29892	68110	Zinc	369.0943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29906	68110	Zinc	238.558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29908	68110	Zinc	239.0564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29909	68110	Zinc	233.3604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29939	68110	Zinc	196.3631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29941	68110	Zinc	681.7691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29942	68110	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29943	68110	Zinc	578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
29947	68110	Zinc	426.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29952	68110	Zinc	390.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29989	68110	Zinc	1013.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30009	68110	Zinc	409.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30011	68110	Zinc	125.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30013	68110	Zinc	392.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30015	68110	Zinc	193.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30017	68110	Zinc	170	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30020	68110	Zinc	252.9137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30022	68110	Zinc	354.0978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30023	68110	Zinc	1334.237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30025	68110	Zinc	198.9708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30026	68110	Zinc	151.3024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30028	68110	Zinc	191.5749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30030	68110	Zinc	211.146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30031	68110	Zinc	180.0583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30033	68110	Zinc	181.2064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30035	68110	Zinc	387.9178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30038	68110	Zinc	87.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30043	68110	Zinc	359.3755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30046	68110	Zinc	530.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30053	68110	Zinc	169.3338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30056	68110	Zinc	219.8413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30057	68110	Zinc	293.382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30059	68110	Zinc	201.7476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30061	68110	Zinc	287.0096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30064	68110	Zinc	437.4997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30108	68110	Zinc	132.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30113	68110	Zinc	200.9555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30118	68110	Zinc	273.2057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30127	68110	Zinc	153.9368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30134	68110	Zinc	151.338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30138	68110	Zinc	182.4613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30142	68110	Zinc	171.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30149	68110	Zinc	99.807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
30151	68110	Zinc	358.1028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30152	68110	Zinc	926.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30172	68110	Zinc	469.9046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30181	68110	Zinc	370.7408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30186	68110	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30189	68110	Zinc	257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30193	68110	Zinc	408.4145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30210	68110	Zinc	473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30247	68110	Zinc	710.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30250	68110	Zinc	256.892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30266	68110	Zinc	643.8907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30271	68110	Zinc	216.0855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30277	68110	Zinc	631.2705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30279	68110	Zinc	188.2018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30281	68110	Zinc	82.541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30284	68110	Zinc	180.0672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30287	68110	Zinc	47.6975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
30291	68110	Zinc	377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30305	68110	Zinc	1504.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30323	68110	Zinc	449.7817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30331	68110	Zinc	243.4085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30336	68110	Zinc	295.3845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30342	68110	Zinc	135.4426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30344	68110	Zinc	191.9754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30348	68110	Zinc	210.5319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30351	68110	Zinc	104.4528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30356	68110	Zinc	645.0388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30357	68110	Zinc	325.3953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30359	68110	Zinc	554.8195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30370	68110	Zinc	166.7083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30372	68110	Zinc	144.485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30376	68110	Zinc	437.4196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30389	68110	Zinc	185.3538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30394	68110	Zinc	522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30397	68110	Zinc	520.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30403	68110	Zinc	248.1433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30405	68110	Zinc	731.2709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30407	68110	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30409	68110	Zinc	396.9869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30410	68110	Zinc	215.3379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30414	68110	Zinc	624.9782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30422	68110	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30436	68110	Zinc	363.2826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30438	68110	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30443	68110	Zinc	465.9708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30446	68110	Zinc	379.0712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30459	68110	Zinc	321.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30469	68110	Zinc	277.4866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30470	68110	Zinc	295.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30519	68110	Zinc	998.173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
30524	68110	Zinc	360.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30527	68110	Zinc	385.408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30541	68110	Zinc	423.4644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30542	68110	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30543	68110	Zinc	916.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30546	68110	Zinc	490.8196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30551	68110	Zinc	354.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30553	68110	Zinc	295.4468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30556	68110	Zinc	286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30565	68110	Zinc	304.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30566	68110	Zinc	465.3834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30568	68110	Zinc	441.0864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30575	68110	Zinc	468.356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30579	68110	Zinc	324.1671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30582	68110	Zinc	424.8261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30590	68110	Zinc	112.2403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30593	68110	Zinc	272.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30594	68110	Zinc	490.9264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30598	68110	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30604	68110	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30607	68110	Zinc	365.7835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30611	68110	Zinc	373.9893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30615	68110	Zinc	286.618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30631	68110	Zinc	332.3106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30632	68110	Zinc	592.5021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
30633	68110	Zinc	343.4356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30636	68110	Zinc	321.7018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30637	68110	Zinc	273.4994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30651	68110	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30655	68110	Zinc	363.7187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30657	68110	Zinc	188.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30665	68110	Zinc	321.2479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30668	68110	Zinc	380.9758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30680	68110	Zinc	251.3206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30681	68110	Zinc	194.4407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30682	68110	Zinc	427.149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30688	68110	Zinc	246.5858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30689	68110	Zinc	420.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30698	68110	Zinc	269.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30705	68110	Zinc	584.8036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
30710	68110	Zinc	353.0367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30715	68110	Zinc	245.0283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30719	68110	Zinc	333.3875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30720	68110	Zinc	213.7982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30727	68110	Zinc	569.2998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30730	68110	Zinc	245.0461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30734	68110	Zinc	318.1596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30736	68110	Zinc	205.7526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30738	68110	Zinc	669.1934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30739	68110	Zinc	275.7956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30740	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30741	68110	Zinc	186.5019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30748	68110	Zinc	104.5952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30771	68110	Zinc	565.2236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30774	68110	Zinc	357.9426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30778	68110	Zinc	432.8539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30784	68110	Zinc	319.4679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30786	68110	Zinc	300.6177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30788	68110	Zinc	333.7346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30789	68110	Zinc	1029.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30797	68110	Zinc	482.9431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30803	68110	Zinc	252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30811	68110	Zinc	276.6322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30815	68110	Zinc	436.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30827	68110	Zinc	340.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30840	68110	Zinc	425.9208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30842	68110	Zinc	513.301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30845	68110	Zinc	239.6527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30851	68110	Zinc	120.0812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30852	68110	Zinc	132.8438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30853	68110	Zinc	352.567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30854	68110	Zinc	77.3345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30865	68110	Zinc	430.2284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30867	68110	Zinc	110.042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30869	68110	Zinc	314.386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30870	68110	Zinc	535.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30872	68110	Zinc	280.5927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30875	68110	Zinc	337.2946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30878	68110	Zinc	283.2449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30883	68110	Zinc	661.931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30890	68110	Zinc	528.2174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30892	68110	Zinc	151.1244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30896	68110	Zinc	466.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30900	68110	Zinc	306.554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30938	68110	Zinc	2115.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
30940	68110	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30944	68110	Zinc	275.9825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30998	68110	Zinc	184.179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31002	68110	Zinc	321.7196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31021	68110	Zinc	303.7772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31025	68110	Zinc	216.2724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31028	68110	Zinc	377.398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31033	68110	Zinc	289.4482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31038	68110	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31039	68110	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31043	68110	Zinc	257.0967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31048	68110	Zinc	274.6653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31068	68110	Zinc	413.6477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31084	68110	Zinc	298.7042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31085	68110	Zinc	94.7251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31094	68110	Zinc	376.2054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31097	68110	Zinc	348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31098	68110	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31105	68110	Zinc	145.7488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31111	68110	Zinc	258.3338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31150	68110	Zinc	252.6378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31153	68110	Zinc	268.5154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31155	68110	Zinc	357.2395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31158	68110	Zinc	342.9016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31160	68110	Zinc	487.5533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31165	68110	Zinc	306.7676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31166	68110	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31170	68110	Zinc	247.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31174	68110	Zinc	154.1949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31177	68110	Zinc	418.3914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31187	68110	Zinc	412.9535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31195	68110	Zinc	126.2489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31197	68110	Zinc	98.9704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31201	68110	Zinc	181.6514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31204	68110	Zinc	145.8556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31216	68110	Zinc	330.1835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31223	68110	Zinc	480.6202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31224	68110	Zinc	132.0873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31228	68110	Zinc	284.5176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31231	68110	Zinc	418.0977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31235	68110	Zinc	322.2803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31250	68110	Zinc	402.6651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31260	68110	Zinc	209.722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31263	68110	Zinc	750.397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31278	68110	Zinc	487.3041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31289	68110	Zinc	220.4198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31290	68110	Zinc	330.2102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31293	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31314	68110	Zinc	91.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31326	68110	Zinc	159.0988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31327	68110	Zinc	191.566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31329	68110	Zinc	277.2374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31332	68110	Zinc	321.417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31335	68110	Zinc	415.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31343	68110	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31347	68110	Zinc	700.3701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31350	68110	Zinc	269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31354	68110	Zinc	420.9724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31359	68110	Zinc	390.5611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31369	68110	Zinc	397.7523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31394	68110	Zinc	440.3477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31399	68110	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31401	68110	Zinc	569.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31410	68110	Zinc	233.2091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31422	68110	Zinc	332.3818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31448	68110	Zinc	511.2718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31459	68110	Zinc	447.174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31462	68110	Zinc	185.9857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31466	68110	Zinc	184.535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31486	68110	Zinc	175.7329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31493	68110	Zinc	304.0798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31496	68110	Zinc	197.4934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31504	68110	Zinc	181.7048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31536	68110	Zinc	285.906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31537	68110	Zinc	195.037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31539	68110	Zinc	168.871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31543	68110	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31552	68110	Zinc	160.6207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31568	68110	Zinc	323.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31594	68110	Zinc	262.6236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31596	68110	Zinc	292.7412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31605	68110	Zinc	476.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31614	68110	Zinc	553.084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31623	68110	Zinc	272.4047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31630	68110	Zinc	384.251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31632	68110	Zinc	521.4445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31633	68110	Zinc	362.1256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31639	68110	Zinc	548.0733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31645	68110	Zinc	298.7576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31648	68110	Zinc	181.5268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31757	68110	Zinc	1057.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31760	68110	Zinc	124.549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31767	68110	Zinc	554.8106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31781	68110	Zinc	214.7416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31807	68110	Zinc	500.0756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31814	68110	Zinc	215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31818	68110	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31820	68110	Zinc	245.678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31830	68110	Zinc	349.2295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31832	68110	Zinc	710.3203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31842	68110	Zinc	197.4489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31867	68110	Zinc	600.2362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31893	68110	Zinc	509.7321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31898	68110	Zinc	347.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31912	68110	Zinc	271.844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31920	68110	Zinc	190.9163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31931	68110	Zinc	677.1233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31942	68110	Zinc	234.998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31951	68110	Zinc	587.5715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31953	68110	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31956	68110	Zinc	378.8487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31957	68110	Zinc	344.7083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31959	68110	Zinc	518.3028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31962	68110	Zinc	322.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31966	68110	Zinc	402.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31982	68110	Zinc	480.2197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31990	68110	Zinc	212.8904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32019	68110	Zinc	577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
32029	68110	Zinc	302.7982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32039	68110	Zinc	251.8012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32043	68110	Zinc	246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32044	68110	Zinc	458.0142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32056	68110	Zinc	385.8085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32060	68110	Zinc	268.7201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32063	68110	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32068	68110	Zinc	234.0635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32069	68110	Zinc	481.0652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32078	68110	Zinc	367.786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32080	68110	Zinc	370.4293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32086	68110	Zinc	224.2646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32088	68110	Zinc	251.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32122	68110	Zinc	673.5544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32127	68110	Zinc	437.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32130	68110	Zinc	296.4703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32141	68110	Zinc	258.4584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32165	68110	Zinc	240.6673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32173	68110	Zinc	1298.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32211	68110	Zinc	451.3748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32214	68110	Zinc	228.4387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32216	68110	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32220	68110	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32223	68110	Zinc	506.3323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32229	68110	Zinc	331.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32238	68110	Zinc	266.4061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32242	68110	Zinc	574.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
32245	68110	Zinc	628.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32247	68110	Zinc	370.812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32254	68110	Zinc	194.4407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32258	68110	Zinc	1092.335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32271	68110	Zinc	343.2932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32290	68110	Zinc	474.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32292	68110	Zinc	1012.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32295	68110	Zinc	1080.053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32299	68110	Zinc	158.8763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32312	68110	Zinc	338.1579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32329	68110	Zinc	314.5462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32343	68110	Zinc	126.4091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32354	68110	Zinc	281.189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32356	68110	Zinc	223.7484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32357	68110	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32363	68110	Zinc	194.7789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32373	68110	Zinc	518.2405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32392	68110	Zinc	579.2055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
32394	68110	Zinc	450.6717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32401	68110	Zinc	349.5321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32402	68110	Zinc	246.3811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32404	68110	Zinc	292.9637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32422	68110	Zinc	378.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32448	68110	Zinc	892.9216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32468	68110	Zinc	306.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32469	68110	Zinc	938.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
32471	68110	Zinc	387.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32484	68110	Zinc	333.5833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32493	68110	Zinc	376.152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32495	68110	Zinc	822.8964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32500	68110	Zinc	264.9821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32508	68110	Zinc	311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32516	68110	Zinc	658.994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32601	68110	Zinc	540.5973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32610	68110	Zinc	270.3043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32621	68110	Zinc	426.8375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32627	68110	Zinc	485.8445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32628	68110	Zinc	289.8843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32635	68110	Zinc	273.7397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32637	68110	Zinc	505.2554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32641	68110	Zinc	314.0211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32645	68110	Zinc	381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32650	68110	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32657	68110	Zinc	222.1464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32660	68110	Zinc	161.6709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32666	68110	Zinc	492.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32683	68110	Zinc	1109.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32700	68110	Zinc	1557.627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32707	68110	Zinc	879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32712	68110	Zinc	315.5519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32716	68110	Zinc	273.2858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32719	68110	Zinc	233.1112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32721	68110	Zinc	309.2952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32723	68110	Zinc	185.1847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32727	68110	Zinc	256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32728	68110	Zinc	387.0634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32729	68110	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32732	68110	Zinc	977.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
32733	68110	Zinc	434.6962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32734	68110	Zinc	400	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32744	68110	Zinc	548.8476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32752	68110	Zinc	246.5057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32769	68110	Zinc	562.1264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32786	68110	Zinc	226.7566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32788	68110	Zinc	290.9256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32801	68110	Zinc	206.7583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32822	68110	Zinc	426.6684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32826	68110	Zinc	392.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32828	68110	Zinc	330.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32839	68110	Zinc	910.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32849	68110	Zinc	504.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32850	68110	Zinc	465.9174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32867	68110	Zinc	613.4883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32869	68110	Zinc	409.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32872	68110	Zinc	509.5897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32875	68110	Zinc	338.1045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32883	68110	Zinc	546.0352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32887	68110	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32895	68110	Zinc	190.8629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32899	68110	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32903	68110	Zinc	624.7201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32908	68110	Zinc	348.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32915	68110	Zinc	614.0223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32919	68110	Zinc	671.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32920	68110	Zinc	295.0819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32927	68110	Zinc	444.3705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32937	68110	Zinc	307.7644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32939	68110	Zinc	756.004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32945	68110	Zinc	260.8258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32947	68110	Zinc	790.358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32950	68110	Zinc	370.0644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32951	68110	Zinc	297.9388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32952	68110	Zinc	857.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32954	68110	Zinc	219.6455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32955	68110	Zinc	395.7498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32959	68110	Zinc	238.8161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32961	68110	Zinc	649.6757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32962	68110	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32981	68110	Zinc	661.8865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32986	68110	Zinc	443.3826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32995	68110	Zinc	550.4407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32996	68110	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33020	68110	Zinc	201.3649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33029	68110	Zinc	681.6267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33038	68110	Zinc	343.4623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33057	68110	Zinc	229.1774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33078	68110	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33083	68110	Zinc	811.3442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33084	68110	Zinc	371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33119	68110	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33122	68110	Zinc	319.9574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33127	68110	Zinc	380.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33128	68110	Zinc	383.5212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33136	68110	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33147	68110	Zinc	263.4157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33161	68110	Zinc	319.7705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33174	68110	Zinc	366.2819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33176	68110	Zinc	351.677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33183	68110	Zinc	531.8486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33209	68110	Zinc	245.5178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33215	68110	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
33282	68110	Zinc	508.8955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33287	68110	Zinc	235.1226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33289	68110	Zinc	418.8275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33290	68110	Zinc	223.2144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33294	68110	Zinc	580.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33295	68110	Zinc	214.8128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33297	68110	Zinc	259.1704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33298	68110	Zinc	183.3068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33304	68110	Zinc	196.7191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33318	68110	Zinc	229.7915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33323	68110	Zinc	336.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33326	68110	Zinc	457.9163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33330	68110	Zinc	348.2683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33353	68110	Zinc	220.7046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33364	68110	Zinc	252.3619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33370	68110	Zinc	560.7024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33396	68110	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33403	68110	Zinc	193.7198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33404	68110	Zinc	320.1176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33413	68110	Zinc	386.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33417	68110	Zinc	459.6429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33418	68110	Zinc	334.2508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33421	68110	Zinc	407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33422	68110	Zinc	564.6362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33423	68110	Zinc	380.7177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33427	68110	Zinc	385.2923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33434	68110	Zinc	204.3909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33435	68110	Zinc	359.2064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33443	68110	Zinc	363.8522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33444	68110	Zinc	235.0692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33445	68110	Zinc	891.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33446	68110	Zinc	476.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33448	68110	Zinc	349.0426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33452	68110	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33455	68110	Zinc	593.6502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33457	68110	Zinc	315.0624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33459	68110	Zinc	259.7044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33468	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33472	68110	Zinc	223.4547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33476	68110	Zinc	664.8413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33477	68110	Zinc	435.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33481	68110	Zinc	469.8245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33483	68110	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33486	68110	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33491	68110	Zinc	317.4031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33498	68110	Zinc	1574.359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
33502	68110	Zinc	954.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
33507	68110	Zinc	349.5677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33508	68110	Zinc	250.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33510	68110	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33512	68110	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33513	68110	Zinc	447.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33516	68110	Zinc	441.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33518	68110	Zinc	343.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33519	68110	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33529	68110	Zinc	493.1247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33539	68110	Zinc	262.4723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33540	68110	Zinc	378.644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33543	68110	Zinc	282.2659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33547	68110	Zinc	243.5776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33548	68110	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33555	68110	Zinc	453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33557	68110	Zinc	374.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33560	68110	Zinc	294.0584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33576	68110	Zinc	340.2316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33582	68110	Zinc	290.7654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33585	68110	Zinc	397.2183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33586	68110	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33592	68110	Zinc	879.5538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33594	68110	Zinc	392.0118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33595	68110	Zinc	591.1226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33596	68110	Zinc	324.8702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33602	68110	Zinc	614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33606	68110	Zinc	222.2977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33613	68110	Zinc	507.1066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33616	68110	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33626	68110	Zinc	220.5177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33629	68110	Zinc	307.9246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33635	68110	Zinc	228.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33638	68110	Zinc	176.2402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33642	68110	Zinc	470.0114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33643	68110	Zinc	571.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33646	68110	Zinc	526.9269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33649	68110	Zinc	209.3838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33659	68110	Zinc	250.6264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33660	68110	Zinc	225.8132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33663	68110	Zinc	251.0358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33687	68110	Zinc	110.2111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
33765	68110	Zinc	354.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33770	68110	Zinc	464.8761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33771	68110	Zinc	415.9706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33776	68110	Zinc	513.5947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33778	68110	Zinc	330.9756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33779	68110	Zinc	358.0583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33791	68110	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33793	68110	Zinc	415.4366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33801	68110	Zinc	415.1073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33808	68110	Zinc	405.789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33811	68110	Zinc	388.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33814	68110	Zinc	767.5473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33816	68110	Zinc	571.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33820	68110	Zinc	413.0603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33824	68110	Zinc	290.1958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33828	68110	Zinc	520.9016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33829	68110	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33834	68110	Zinc	266.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33836	68110	Zinc	549.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33840	68110	Zinc	290.3649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33846	68110	Zinc	276.4631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33847	68110	Zinc	668.8107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33849	68110	Zinc	336.814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33852	68110	Zinc	196.2296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33853	68110	Zinc	1796.948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
33857	68110	Zinc	354.1512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33860	68110	Zinc	274.6119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33862	68110	Zinc	456.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33864	68110	Zinc	418.3113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33866	68110	Zinc	469.5931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33872	68110	Zinc	369.7974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33874	68110	Zinc	525.8055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33876	68110	Zinc	173.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33877	68110	Zinc	218.5152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33879	68110	Zinc	638.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33880	68110	Zinc	195.7045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33881	68110	Zinc	460.4884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33883	68110	Zinc	366.4955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33884	68110	Zinc	560.5689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33887	68110	Zinc	618.588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33892	68110	Zinc	424.6926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33897	68110	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33898	68110	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33902	68110	Zinc	188.5667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33905	68110	Zinc	235.7189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33907	68110	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33909	68110	Zinc	162.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33912	68110	Zinc	473.4646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33914	68110	Zinc	272.2712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33916	68110	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33917	68110	Zinc	329.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33918	68110	Zinc	638.4083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33920	68110	Zinc	501.1436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33921	68110	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33927	68110	Zinc	163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33929	68110	Zinc	491.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33934	68110	Zinc	345.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33936	68110	Zinc	274.8344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33940	68110	Zinc	666.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33958	68110	Zinc	238.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33961	68110	Zinc	433.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33962	68110	Zinc	595.3323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33963	68110	Zinc	305.0677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33965	68110	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33973	68110	Zinc	495.0916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33975	68110	Zinc	488.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33990	68110	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33991	68110	Zinc	218.0791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33994	68110	Zinc	406.8748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34000	68110	Zinc	480.7893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34002	68110	Zinc	390.214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34007	68110	Zinc	355.8867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34009	68110	Zinc	341.2017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34022	68110	Zinc	914.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34023	68110	Zinc	626.7671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34024	68110	Zinc	513.7816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34029	68110	Zinc	297.921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34030	68110	Zinc	468.7921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34033	68110	Zinc	213.3888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34035	68110	Zinc	587.5537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34038	68110	Zinc	984.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
34039	68110	Zinc	319.8061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34046	68110	Zinc	289.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34047	68110	Zinc	272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34050	68110	Zinc	346.7375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34054	68110	Zinc	398.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34055	68110	Zinc	278.4567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34081	68110	Zinc	201.0445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	NONCANCER HQ-child	NONCANCER HQ-adult
34123	68110	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34133	68110	Zinc	406.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34152	68110	Zinc	372.5564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34168	68110	Zinc	393.1599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34188	68110	Zinc	259.918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34195	68110	Zinc	270.6514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34205	68110	Zinc	495.2696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34218	68110	Zinc	777.3373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34227	68110	Zinc	658.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34230	68110	Zinc	600.7079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34232	68110	Zinc	519.8603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34235	68110	Zinc	338.3804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34237	68110	Zinc	311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34242	68110	Zinc	453.4396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34260	68110	Zinc	152.0589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34261	68110	Zinc	215.685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34262	68110	Zinc	431.0027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34265	68110	Zinc	479.6679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34266	68110	Zinc	160.0333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34267	68110	Zinc	339.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34269	68110	Zinc	562.3934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34270	68110	Zinc	397.5565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34271	68110	Zinc	205.5212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34272	68110	Zinc	490.3568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34273	68110	Zinc	355.5752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34274	68110	Zinc	401.7217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34275	68110	Zinc	587.8118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34276	68110	Zinc	366.2997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34277	68110	Zinc	300.2973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34278	68110	Zinc	355.6464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34279	68110	Zinc	323.108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34281	68110	Zinc	479.9883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34283	68110	Zinc	480.0061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34284	68110	Zinc	316.166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34285	68110	Zinc	476.9979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34286	68110	Zinc	475.9655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34287	68110	Zinc	105.7344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34288	68110	Zinc	543.5521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34289	68110	Zinc	424.7015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34524	68110	Zinc	650.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34526	68110	Zinc	665.0549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34546	68110	Zinc	293.916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34590	68110	Zinc	283.9747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34592	68110	Zinc	156.0194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34601	68110	Zinc	277.3887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34608	68110	Zinc	414.0482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34611	68110	Zinc	173.0629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34613	68110	Zinc	594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34619	68110	Zinc	406.4743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34620	68110	Zinc	492.208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34625	68110	Zinc	369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34631	68110	Zinc	268.2662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34636	68110	Zinc	245.9094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34638	68110	Zinc	656.3774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34640	68110	Zinc	488.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34642	68110	Zinc	264.4036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34646	68110	Zinc	226.0624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34650	68110	Zinc	183.3602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34658	68110	Zinc	488.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34660	68110	Zinc	358.174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34662	68110	Zinc	427.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34666	68110	Zinc	185.4339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34673	68110	Zinc	903.7351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34674	68110	Zinc	345.1711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34677	68110	Zinc	177.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34678	68110	Zinc	203.3674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34680	68110	Zinc	519.3797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34683	68110	Zinc	616.2028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34696	68110	Zinc	615.5976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34697	68110	Zinc	280.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34702	68110	Zinc	114.8836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34708	68110	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34710	68110	Zinc	133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34712	68110	Zinc	358.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34715	68110	Zinc	652.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34719	68110	Zinc	373.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34726	68110	Zinc	214.1453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34731	68110	Zinc	412.2326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34733	68110	Zinc	381.0203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34738	68110	Zinc	147.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34742	68110	Zinc	456.1185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34763	68110	Zinc	325.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34768	68110	Zinc	319.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34770	68110	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34772	68110	Zinc	173.7927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34773	68110	Zinc	328.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34775	68110	Zinc	171.007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34779	68110	Zinc	404.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34828	68110	Zinc	435.8176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34834	68110	Zinc	584.323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34837	68110	Zinc	330.3081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34847	68110	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34848	68110	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34854	68110	Zinc	258.2092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34861	68110	Zinc	316.7356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34866	68110	Zinc	470.3318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34878	68110	Zinc	293.649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34879	68110	Zinc	276.0092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34886	68110	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34895	68110	Zinc	238.0418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34899	68110	Zinc	536.8771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34902	68110	Zinc	220.9538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34905	68110	Zinc	472.2898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34909	68110	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34913	68110	Zinc	237.4811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34915	68110	Zinc	356.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34933	68110	Zinc	1018.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
34952	68110	Zinc	558.8245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34955	68110	Zinc	731.0929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34961	68110	Zinc	324.9236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34965	68110	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34969	68110	Zinc	406.1984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34972	68110	Zinc	185.2203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34973	68110	Zinc	316.6733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34989	68110	Zinc	165.7471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34991	68110	Zinc	441.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34997	68110	Zinc	115.2663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34998	68110	Zinc	173.6503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35004	68110	Zinc	197.529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35008	68110	Zinc	306.6697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35009	68110	Zinc	687.9279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35012	68110	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35013	68110	Zinc	115.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35015	68110	Zinc	377.398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35016	68110	Zinc	393.0709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35020	68110	Zinc	370.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35022	68110	Zinc	453.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35025	68110	Zinc	796.5346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35036	68110	Zinc	468.4717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35038	68110	Zinc	376.5881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35047	68110	Zinc	307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35048	68110	Zinc	166.3078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35065	68110	Zinc	548.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35070	68110	Zinc	2099.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
35071	68110	Zinc	450.734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35085	68110	Zinc	366.2196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35086	68110	Zinc	201.3204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35088	68110	Zinc	405.9314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35105	68110	Zinc	295.874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35114	68110	Zinc	710.5072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35116	68110	Zinc	189.8839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35131	68110	Zinc	469.4952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35132	68110	Zinc	788.0885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35140	68110	Zinc	519.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35148	68110	Zinc	301.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35158	68110	Zinc	349.7546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35171	68110	Zinc	411.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35174	68110	Zinc	459.5005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35176	68110	Zinc	386.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35178	68110	Zinc	894.3278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35180	68110	Zinc	571.151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35182	68110	Zinc	362.8821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35183	68110	Zinc	296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35185	68110	Zinc	146.3184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35188	68110	Zinc	275.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35191	68110	Zinc	202.8512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35192	68110	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35196	68110	Zinc	205.2631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35200	68110	Zinc	232.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35202	68110	Zinc	506.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35207	68110	Zinc	280.9042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35209	68110	Zinc	414.8047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35212	68110	Zinc	361.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35215	68110	Zinc	652.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35235	68110	Zinc	250.5463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35237	68110	Zinc	202.5931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35245	68110	Zinc	257.871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35249	68110	Zinc	379.623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35256	68110	Zinc	310.6391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35259	68110	Zinc	136.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35261	68110	Zinc	395.2692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35265	68110	Zinc	163.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35278	68110	Zinc	241.4772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35286	68110	Zinc	483.1923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35292	68110	Zinc	272.289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35298	68110	Zinc	320.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
35325	68110	Zinc	341.1928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35326	68110	Zinc	459.0021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35327	68110	Zinc	249.594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35330	68110	Zinc	185.9857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35331	68110	Zinc	208.0933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35333	68110	Zinc	452.0423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35338	68110	Zinc	288.3624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35339	68110	Zinc	378.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35340	68110	Zinc	312.7128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35341	68110	Zinc	290.6586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35342	68110	Zinc	192.3759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35343	68110	Zinc	168.0522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35344	68110	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35346	68110	Zinc	203.6255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35347	68110	Zinc	360.9686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35348	68110	Zinc	333.2362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35349	68110	Zinc	273.4193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35353	68110	Zinc	247.7962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35364	68110	Zinc	153.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35365	68110	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35366	68110	Zinc	412.7666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35372	68110	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35381	68110	Zinc	466.9142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35384	68110	Zinc	465.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35390	68110	Zinc	148.1696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35391	68110	Zinc	337.2946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35396	68110	Zinc	423.1618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35400	68110	Zinc	297.1111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35402	68110	Zinc	256.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35410	68110	Zinc	193.079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35413	68110	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35419	68110	Zinc	517.0479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35421	68110	Zinc	323.1881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35431	68110	Zinc	549.1947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35432	68110	Zinc	151.249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35438	68110	Zinc	310	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35446	68110	Zinc	331.5363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35450	68110	Zinc	552.5055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35452	68110	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35454	68110	Zinc	246.6748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35457	68110	Zinc	206.9096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35459	68110	Zinc	398.9724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
35461	68110	Zinc	448.9184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35463	68110	Zinc	581.6708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35464	68110	Zinc	304.3468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35465	68110	Zinc	198.4279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35467	68110	Zinc	122.4842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35472	68110	Zinc	163.6467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35476	68110	Zinc	604.2501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
35477	68110	Zinc	374.3631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35479	68110	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35480	68110	Zinc	140.7737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35482	68110	Zinc	376.9797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35485	68110	Zinc	242.6787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35486	68110	Zinc	571.3557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35487	68110	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35490	68110	Zinc	338.2202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35491	68110	Zinc	938.721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
35494	68110	Zinc	535.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35497	68110	Zinc	195.3841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35501	68110	Zinc	691.5858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35502	68110	Zinc	236.5021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35520	68110	Zinc	314.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35522	68110	Zinc	512.5534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35525	68110	Zinc	358.0583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35526	68110	Zinc	416.3266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35528	68110	Zinc	246.7282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35530	68110	Zinc	266.0679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35533	68110	Zinc	373.838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35539	68110	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35546	68110	Zinc	515.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35551	68110	Zinc	811.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35555	68110	Zinc	298.3482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35558	68110	Zinc	482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35569	68110	Zinc	496.035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35578	68110	Zinc	259.7489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35582	68110	Zinc	210.3717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35583	68110	Zinc	192.3225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35589	68110	Zinc	189.0295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35606	68110	Zinc	948.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
35609	68110	Zinc	453.1815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35616	68110	Zinc	199.5315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35617	68110	Zinc	208.3959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35625	68110	Zinc	187.2762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35627	68110	Zinc	144.0934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35628	68110	Zinc	412.7844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35629	68110	Zinc	580.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35631	68110	Zinc	397.9748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
35665	68110	Zinc	260.2117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35669	68110	Zinc	647.9669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35680	68110	Zinc	246.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35681	68110	Zinc	512.4377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35682	68110	Zinc	113.2816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35686	68110	Zinc	162.6143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35694	68110	Zinc	308.9926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35695	68110	Zinc	292.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35696	68110	Zinc	728.0936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35703	68110	Zinc	156.589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35710	68110	Zinc	635.0708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
35719	68110	Zinc	267.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35720	68110	Zinc	360.6571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35732	68110	Zinc	121.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35737	68110	Zinc	359.7315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35739	68110	Zinc	182.933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35742	68110	Zinc	497.3967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35746	68110	Zinc	418.1066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35747	68110	Zinc	335.6659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35754	68110	Zinc	1240	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
35757	68110	Zinc	2256.277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
35759	68110	Zinc	320.3045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35764	68110	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35766	68110	Zinc	433.1921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35767	68110	Zinc	481.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35770	68110	Zinc	351.8906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35774	68110	Zinc	290.1691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35779	68110	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35784	68110	Zinc	370.2958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35787	68110	Zinc	410.3102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35792	68110	Zinc	480.7982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35793	68110	Zinc	202.4507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35797	68110	Zinc	231.2244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35808	68110	Zinc	262.6503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35834	68110	Zinc	407.9962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35847	68110	Zinc	438.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35855	68110	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35870	68110	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35897	68110	Zinc	266.0056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35905	68110	Zinc	93.5948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
35913	68110	Zinc	355.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35914	68110	Zinc	398.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35916	68110	Zinc	424.3633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35923	68110	Zinc	576.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35942	68110	Zinc	597.4861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
35952	68110	Zinc	457.409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35953	68110	Zinc	256.0109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35957	68110	Zinc	243.542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35972	68110	Zinc	125.5547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35996	68110	Zinc	514.8318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36037	68110	Zinc	246.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36060	68110	Zinc	755.4077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36061	68110	Zinc	272.9832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36068	68110	Zinc	271.221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36076	68110	Zinc	652.0787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36152	68110	Zinc	385.1588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36189	68110	Zinc	289.377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36611	68110	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36750	68110	Zinc	336.3779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36758	68110	Zinc	359.5446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36879	68110	Zinc	616.2651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
36886	68110	Zinc	966.934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
36893	68110	Zinc	540.0722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
36900	68110	Zinc	555.5671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
36905	68110	Zinc	256.5093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37069	68110	Zinc	701.892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37075	68110	Zinc	465.6148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37077	68110	Zinc	385.4792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37079	68110	Zinc	722.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37081	68110	Zinc	256.8742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37083	68110	Zinc	177.8956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37086	68110	Zinc	274.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37091	68110	Zinc	822.3713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37092	68110	Zinc	495.7413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
37096	68110	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37137	68110	Zinc	388.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37188	68110	Zinc	572.0499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
37258	68110	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37305	68110	Zinc	735.6853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37332	68110	Zinc	230.904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37362	68110	Zinc	509.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
37398	68110	Zinc	201.712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37401	68110	Zinc	411.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37434	68110	Zinc	846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37456	68110	Zinc	758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37522	68110	Zinc	564.0844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
37523	68110	Zinc	917.717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37525	68110	Zinc	724.8006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
37707	68110	Zinc	329.7652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37810	68110	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37821	68110	Zinc	404.8812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37865	68110	Zinc	212.7124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37909	68110	Zinc	254.6314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37915	68110	Zinc	267.9013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37977	68110	Zinc	248.704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37985	68110	Zinc	368.0975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38063	68110	Zinc	464.6981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
38086	68110	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38089	68110	Zinc	250.3327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38092	68110	Zinc	134.3835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38120	68110	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38205	68110	Zinc	413.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38211	68110	Zinc	232.9599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38239	68110	Zinc	346.9333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38263	68110	Zinc	379.0801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38273	68110	Zinc	528.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
38451	68110	Zinc	159.5883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38458	68110	Zinc	308.6366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38471	68110	Zinc	398.5978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38518	68110	Zinc	194.6009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38570	68110	Zinc	313.0332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38571	68110	Zinc	326.4544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38602	68110	Zinc	377.1221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38609	68110	Zinc	535.0793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
38697	68110	Zinc	289.0477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38699	68110	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38719	68110	Zinc	340.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38725	68110	Zinc	413.4341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38757	68110	Zinc	290.623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38774	68110	Zinc	205.2008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38791	68110	Zinc	317.8659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38829	68110	Zinc	301.4098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38832	68110	Zinc	390.4543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38863	68110	Zinc	672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38878	68110	Zinc	296.3724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38916	68110	Zinc	165.311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38921	68110	Zinc	278.7504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38950	68110	Zinc	424.1853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38954	68110	Zinc	306.9189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38955	68110	Zinc	237.9083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38959	68110	Zinc	226.7922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
39000	68110	Zinc	314.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39006	68110	Zinc	280.3435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39015	68110	Zinc	359.4823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
39037	68110	Zinc	192.4382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39124	68110	Zinc	247.5648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39142	68110	Zinc	326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39174	68110	Zinc	260.8436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39189	68110	Zinc	220.1795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
39209	68110	Zinc	555.7451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
39226	68110	Zinc	352.7806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
39271	68110	Zinc	357.8625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
39272	68110	Zinc	313.9321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39274	68110	Zinc	265.0266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39277	68110	Zinc	251.3651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39279	68110	Zinc	385.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
39281	68110	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39434	68110	Zinc	281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39437	68110	Zinc	273.2947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39441	68110	Zinc	435.2213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
39445	68110	Zinc	248.6239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39448	68110	Zinc	328.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39493	68110	Zinc	488.7726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
39500	68110	Zinc	300.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
39523	68110	Zinc	658.6914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39559	68110	Zinc	233.3871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
39572	68110	Zinc	317.6167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39583	68110	Zinc	338.8165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39594	68110	Zinc	674.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39598	68110	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39605	68110	Zinc	429.3473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
39619	68110	Zinc	264.4303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39635	68110	Zinc	214.9908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39650	68110	Zinc	748.5102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39654	68110	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
39657	68110	Zinc	299.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
39683	68110	Zinc	174.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49164	68110	Zinc	432.7471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49181	68110	Zinc	478.7601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49336	68110	Zinc	366.7892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49343	68110	Zinc	337.0454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50034	68110	Zinc	133.182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50037	68110	Zinc	151.9788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50039	68110	Zinc	209.4817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50252	68110	Zinc	307.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50253	68110	Zinc	273.0633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50481	68110	Zinc	238.9674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50482	68110	Zinc	274.3182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50483	68110	Zinc	247.4135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50572	68110	Zinc	339.7421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50590	68110	Zinc	349.4342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
50602	68110	Zinc	252.95375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50617	68110	Zinc	553.0929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
55636	68110	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
55642	68110	Zinc	376.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
55643	68110	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
55644	68110	Zinc	561.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
55645	68110	Zinc	429.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
55649	68110	Zinc	319.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
63316	68110	Zinc	121.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
63319	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
66088	68110	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
73891	68110	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
73892	68110	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
74149	68110	Zinc	783.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
74155	68110	Zinc	140.2308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
75834	68110	Zinc	355.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
77563	68110	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
79377	68110	Zinc	299.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
79566	68110	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
81395	68110	Zinc	127.6195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81396	68110	Zinc	183.9387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
81397	68110	Zinc	247.0041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
81398	68110	Zinc	132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81399	68110	Zinc	140.3376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81400	68110	Zinc	148.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81401	68110	Zinc	154.2216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81402	68110	Zinc	145.6242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81403	68110	Zinc	154.4441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
81404	68110	Zinc	120.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
87991	68110	Zinc	118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
87996	68110	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
88030	68110	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
88049	68110	Zinc	205.6547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
88194	68110	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
88205	68110	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
88318	68110	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
90100	68110	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90165	68110	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
90539	68110	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90706	68110	Zinc	115.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90707	68110	Zinc	120.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90857	68110	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
90907	68110	Zinc	739.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
90908	68110	Zinc	558.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
91240	68110	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
91449	68110	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
91602	68110	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
91603	68110	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91604	68110	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91608	68110	Zinc	607.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
91732	68110	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92499	68110	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92500	68110	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
92501	68110	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92505	68110	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92511	68110	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92674	68110	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92675	68110	Zinc	118.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92843	68110	Zinc	753.2539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
92845	68110	Zinc	172.965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92849	68110	Zinc	613.6396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
92851	68110	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
92883	68110	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
93337	68110	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93338	68110	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93339	68110	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93340	68110	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93341	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93342	68110	Zinc	200	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93343	68110	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93344	68110	Zinc	132.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93345	68110	Zinc	154.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93374	68110	Zinc	147.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93375	68110	Zinc	118.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93376	68110	Zinc	132.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93377	68110	Zinc	119.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
223	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
227	68111	Zinc	281.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
249	68111	Zinc	152.495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
250	68111	Zinc	1828.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
255	68111	Zinc	167.803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
276	68111	Zinc	495.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
305	68111	Zinc	385.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
310	68111	Zinc	225.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
318	68111	Zinc	322.574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
336	68111	Zinc	314.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
339	68111	Zinc	966.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
363	68111	Zinc	720.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
465	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
470	68111	Zinc	351.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
476	68111	Zinc	293.115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
500	68111	Zinc	430.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
537	68111	Zinc	272.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
540	68111	Zinc	434.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
542	68111	Zinc	239.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
546	68111	Zinc	314.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
553	68111	Zinc	198.686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
554	68111	Zinc	236.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
559	68111	Zinc	164.154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
560	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
561	68111	Zinc	490.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
563	68111	Zinc	155.877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
564	68111	Zinc	382.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
565	68111	Zinc	948.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
566	68111	Zinc	223.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
568	68111	Zinc	255.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
571	68111	Zinc	291.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
573	68111	Zinc	786.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
574	68111	Zinc	268.106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
576	68111	Zinc	326.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
579	68111	Zinc	289.822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
580	68111	Zinc	324.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
581	68111	Zinc	302.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
582	68111	Zinc	451.624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
587	68111	Zinc	312.962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
589	68111	Zinc	206.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
591	68111	Zinc	694.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
592	68111	Zinc	197.351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
594	68111	Zinc	374.906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
595	68111	Zinc	189.519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
600	68111	Zinc	395.732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
603	68111	Zinc	352.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
604	68111	Zinc	504.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
614	68111	Zinc	487.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
617	68111	Zinc	256.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
618	68111	Zinc	400.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
620	68111	Zinc	172.787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
625	68111	Zinc	517.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
627	68111	Zinc	541.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
628	68111	Zinc	214.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
630	68111	Zinc	445.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
631	68111	Zinc	496.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
637	68111	Zinc	405.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
643	68111	Zinc	136.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
646	68111	Zinc	570.884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
648	68111	Zinc	185.247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
651	68111	Zinc	151.961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
653	68111	Zinc	314.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
665	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
666	68111	Zinc	276.116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
667	68111	Zinc	533.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
668	68111	Zinc	259.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
669	68111	Zinc	220.402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
670	68111	Zinc	455.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
671	68111	Zinc	467.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
672	68111	Zinc	197.707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
673	68111	Zinc	200.822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
675	68111	Zinc	259.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
676	68111	Zinc	388.612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
677	68111	Zinc	315.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
678	68111	Zinc	459.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
679	68111	Zinc	620.012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
680	68111	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
681	68111	Zinc	180.085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
682	68111	Zinc	164.065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
683	68111	Zinc	345.358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
684	68111	Zinc	156.055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
685	68111	Zinc	187.917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
687	68111	Zinc	237.846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
688	68111	Zinc	168.693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
689	68111	Zinc	534.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
691	68111	Zinc	231.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
692	68111	Zinc	183.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
693	68111	Zinc	147.511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
694	68111	Zinc	448.42	3.00E-01	--	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
713	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
714	68111	Zinc	208.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
715	68111	Zinc	344.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
716	68111	Zinc	324.354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
717	68111	Zinc	271.844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
719	68111	Zinc	416.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
722	68111	Zinc	435.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
725	68111	Zinc	374.016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
727	68111	Zinc	296.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
728	68111	Zinc	343.222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
729	68111	Zinc	595.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
730	68111	Zinc	301.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
735	68111	Zinc	361.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
738	68111	Zinc	312.606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
741	68111	Zinc	285.016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
742	68111	Zinc	278.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
743	68111	Zinc	226.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
744	68111	Zinc	893.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
745	68111	Zinc	232.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
746	68111	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
748	68111	Zinc	315.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
749	68111	Zinc	722.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
750	68111	Zinc	357.818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
753	68111	Zinc	291.068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
758	68111	Zinc	143.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
760	68111	Zinc	214.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
761	68111	Zinc	701.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
763	68111	Zinc	136.831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
764	68111	Zinc	187.739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
765	68111	Zinc	261.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
767	68111	Zinc	595.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
770	68111	Zinc	185.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
771	68111	Zinc	333.788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
774	68111	Zinc	364.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
775	68111	Zinc	299.612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
778	68111	Zinc	357.462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
779	68111	Zinc	239.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
780	68111	Zinc	281.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
781	68111	Zinc	354.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
784	68111	Zinc	555.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
787	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
788	68111	Zinc	266.682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
790	68111	Zinc	241.762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
793	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
794	68111	Zinc	421.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
795	68111	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
797	68111	Zinc	143.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
799	68111	Zinc	263.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
801	68111	Zinc	550.948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
802	68111	Zinc	256.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
803	68111	Zinc	863.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
804	68111	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
808	68111	Zinc	155.521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
809	68111	Zinc	213.282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
810	68111	Zinc	277.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
811	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
813	68111	Zinc	131.313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
814	68111	Zinc	230.6518333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
816	68111	Zinc	127.041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
817	68111	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
820	68111	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
821	68111	Zinc	535.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
822	68111	Zinc	427.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
828	68111	Zinc	249.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
829	68111	Zinc	252.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
831	68111	Zinc	146.443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
832	68111	Zinc	327.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
839	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
840	68111	Zinc	172.431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
841	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
842	68111	Zinc	248.882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
843	68111	Zinc	308.512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
844	68111	Zinc	505.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
845	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
846	68111	Zinc	156.322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
847	68111	Zinc	657.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
848	68111	Zinc	500.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
849	68111	Zinc	140.925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
850	68111	Zinc	712.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
851	68111	Zinc	412.464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
852	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
853	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
854	68111	Zinc	265.258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
856	68111	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
858	68111	Zinc	256.358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
859	68111	Zinc	429.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
860	68111	Zinc	231.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
861	68111	Zinc	1170.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
863	68111	Zinc	470.848	3.00E-01	--	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
909	68111	Zinc	635.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
942	68111	Zinc	816.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
944	68111	Zinc	575.512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
945	68111	Zinc	178.127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
946	68111	Zinc	306.198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
948	68111	Zinc	221.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
956	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
962	68111	Zinc	196.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
965	68111	Zinc	159.971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
967	68111	Zinc	280.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
977	68111	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
978	68111	Zinc	321.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
980	68111	Zinc	154.097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
982	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
983	68111	Zinc	222.716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
984	68111	Zinc	320.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
988	68111	Zinc	232.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
990	68111	Zinc	353.546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
993	68111	Zinc	532.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
1008	68111	Zinc	331.118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1021	68111	Zinc	378.644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1022	68111	Zinc	169.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1024	68111	Zinc	712.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1030	68111	Zinc	152.673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1032	68111	Zinc	280.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1061	68111	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1062	68111	Zinc	341.798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1063	68111	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1066	68111	Zinc	153.474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1075	68111	Zinc	1135.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
1078	68111	Zinc	298.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1081	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1082	68111	Zinc	205.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1085	68111	Zinc	555.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
1090	68111	Zinc	135.407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1091	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1096	68111	Zinc	312.606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1101	68111	Zinc	194.859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1108	68111	Zinc	886.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1110	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1125	68111	Zinc	362.802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1127	68111	Zinc	218.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1134	68111	Zinc	241.406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1143	68111	Zinc	312.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1145	68111	Zinc	300.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1147	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1149	68111	Zinc	116.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1153	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1154	68111	Zinc	270.064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1157	68111	Zinc	144.485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1158	68111	Zinc	147.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1159	68111	Zinc	137.721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1194	68111	Zinc	165.489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1202	68111	Zinc	354.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1204	68111	Zinc	363.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1206	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1208	68111	Zinc	122.591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1211	68111	Zinc	176.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1213	68111	Zinc	248.348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1221	68111	Zinc	245.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1225	68111	Zinc	244.254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1238	68111	Zinc	285.906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1246	68111	Zinc	207.586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1251	68111	Zinc	269.886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1262	68111	Zinc	230.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1264	68111	Zinc	175.101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1265	68111	Zinc	162.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1266	68111	Zinc	201.445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1275	68111	Zinc	179.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1277	68111	Zinc	367.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1285	68111	Zinc	63.673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-04	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-04	1E-04
1288	68111	Zinc	177.593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1289	68111	Zinc	470.492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1292	68111	Zinc	160.683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1295	68111	Zinc	376.864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1298	68111	Zinc	319.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1305	68111	Zinc	406.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1306	68111	Zinc	657.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1309	68111	Zinc	472.272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1320	68111	Zinc	197.084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1325	68111	Zinc	191.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1329	68111	Zinc	206.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1330	68111	Zinc	170.918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1335	68111	Zinc	180.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1336	68111	Zinc	233.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1337	68111	Zinc	185.781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1338	68111	Zinc	278.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1340	68111	Zinc	228.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
1422	68111	Zinc	499.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
1425	68111	Zinc	329.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1426	68111	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1427	68111	Zinc	418.516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1430	68111	Zinc	135.407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1431	68111	Zinc	238.914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1432	68111	Zinc	400.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1434	68111	Zinc	732.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
1435	68111	Zinc	280.566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1436	68111	Zinc	563.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
1438	68111	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1439	68111	Zinc	244.966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1440	68111	Zinc	333.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
1441	68111	Zinc	409.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1442	68111	Zinc	107.995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1443	68111	Zinc	367.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
1444	68111	Zinc	164.065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1445	68111	Zinc	153.741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1446	68111	Zinc	190.587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1447	68111	Zinc	265.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1448	68111	Zinc	197.707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1460	68111	Zinc	212.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1464	68111	Zinc	414.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1468	68111	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1473	68111	Zinc	253.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1474	68111	Zinc	429.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
1476	68111	Zinc	297.832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1482	68111	Zinc	206.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1483	68111	Zinc	256.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1484	68111	Zinc	189.341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1486	68111	Zinc	137.187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1487	68111	Zinc	119.832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1489	68111	Zinc	298.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1490	68111	Zinc	255.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1491	68111	Zinc	160.238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
1493	68111	Zinc	1126.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
1497	68111	Zinc	248.348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
1498	68111	Zinc	322.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2008	68111	Zinc	175.457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2035	68111	Zinc	349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2075	68111	Zinc	169.761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2095	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2103	68111	Zinc	215.851875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2109	68111	Zinc	399.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2112	68111	Zinc	165.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2118	68111	Zinc	155.521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2119	68111	Zinc	361.8942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2121	68111	Zinc	172.609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2123	68111	Zinc	303.3678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2126	68111	Zinc	380.246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2150	68111	Zinc	325.4754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2154	68111	Zinc	440	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
2160	68111	Zinc	725.6461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
2169	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2173	68111	Zinc	396.7733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2175	68111	Zinc	390.4721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2179	68111	Zinc	214.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2202	68111	Zinc	609.1896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
2204	68111	Zinc	292.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2208	68111	Zinc	177.9935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2216	68111	Zinc	407.124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2225	68111	Zinc	284.126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2231	68111	Zinc	364.048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2232	68111	Zinc	491.5939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
2242	68111	Zinc	137.365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2246	68111	Zinc	318.391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2262	68111	Zinc	427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
2281	68111	Zinc	368.142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2286	68111	Zinc	303.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2287	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2288	68111	Zinc	151.071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2290	68111	Zinc	223.606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
2298	68111	Zinc	307.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2305	68111	Zinc	245.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2310	68111	Zinc	211.5198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2343	68111	Zinc	276.0626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2344	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2349	68111	Zinc	462.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
2365	68111	Zinc	151.783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2366	68111	Zinc	330.584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2375	68111	Zinc	198.6415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2406	68111	Zinc	163.3441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2407	68111	Zinc	264.0921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2425	68111	Zinc	494.0859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
2542	68111	Zinc	191.6995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2548	68111	Zinc	338.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2549	68111	Zinc	177.6197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2559	68111	Zinc	352.567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CTE		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL											CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
2579	68111	Zinc	198.9085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2580	68111	Zinc	213.2642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2583	68111	Zinc	394.931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
3009	68111	Zinc	311.1642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3014	68111	Zinc	283.414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
3016	68111	Zinc	200.021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3019	68111	Zinc	161.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3046	68111	Zinc	281.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3051	68111	Zinc	112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3053	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3058	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
3069	68111	Zinc	257.782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3070	68111	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
3075	68111	Zinc	274.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3081	68111	Zinc	184.535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3088	68111	Zinc	434.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
3089	68111	Zinc	452.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
3091	68111	Zinc	232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
3095	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3102	68111	Zinc	158.1465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3106	68111	Zinc	291.958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
3119	68111	Zinc	270.0551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3133	68111	Zinc	194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3134	68111	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3138	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3147	68111	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3151	68111	Zinc	576.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
3162	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
3169	68111	Zinc	141.548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
3170	68111	Zinc	312.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3177	68111	Zinc	263.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3186	68111	Zinc	236.7157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3187	68111	Zinc	264.1455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3189	68111	Zinc	303.4835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3191	68111	Zinc	243.0614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3195	68111	Zinc	201.2403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3196	68111	Zinc	281.7141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
3198	68111	Zinc	615.0458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
3201	68111	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3213	68111	Zinc	321.9599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3214	68111	Zinc	178.6699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3217	68111	Zinc	177.3082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3218	68111	Zinc	227.5309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5001	68111	Zinc	1019.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5003	68111	Zinc	262.232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5007	68111	Zinc	366.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5008	68111	Zinc	243.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5013	68111	Zinc	161.039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5014	68111	Zinc	187.205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5015	68111	Zinc	141.637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5016	68111	Zinc	192.189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5022	68111	Zinc	307.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5023	68111	Zinc	371.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5025	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5031	68111	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5032	68111	Zinc	132.381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5034	68111	Zinc	992.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5035	68111	Zinc	193.791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5044	68111	Zinc	199.665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5048	68111	Zinc	191.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5085	68111	Zinc	263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5090	68111	Zinc	220.046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5091	68111	Zinc	200.021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5092	68111	Zinc	152.673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5094	68111	Zinc	127.486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5095	68111	Zinc	184.624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5169	68111	Zinc	180.619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5170	68111	Zinc	126.774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5171	68111	Zinc	236.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5204	68111	Zinc	152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5205	68111	Zinc	983.755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
5206	68111	Zinc	127.397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5207	68111	Zinc	304.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5208	68111	Zinc	364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5215	68111	Zinc	280.833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5216	68111	Zinc	511.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5217	68111	Zinc	376.686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5218	68111	Zinc	286.974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5219	68111	Zinc	401.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5220	68111	Zinc	179.462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5221	68111	Zinc	428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5222	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5230	68111	Zinc	481.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5231	68111	Zinc	262.588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5232	68111	Zinc	905.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5233	68111	Zinc	431.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5234	68111	Zinc	620	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
5235	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
5247	68111	Zinc	284.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5248	68111	Zinc	205.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5249	68111	Zinc	1269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5250	68111	Zinc	357.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5252	68111	Zinc	466.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5253	68111	Zinc	648.848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5286	68111	Zinc	169.227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5287	68111	Zinc	142.705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5288	68111	Zinc	482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5289	68111	Zinc	182.933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5290	68111	Zinc	176.703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5291	68111	Zinc	105.325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5292	68111	Zinc	177.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5293	68111	Zinc	167.091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5294	68111	Zinc	466.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5295	68111	Zinc	304.418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5296	68111	Zinc	263.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5329	68111	Zinc	404.632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5330	68111	Zinc	571.596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5333	68111	Zinc	209.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5513	68111	Zinc	277.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5514	68111	Zinc	136.297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5515	68111	Zinc	249.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5516	68111	Zinc	168.693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5518	68111	Zinc	254.222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5519	68111	Zinc	110.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5611	68111	Zinc	312.0453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5618	68111	Zinc	187.472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5619	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5625	68111	Zinc	375.618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5645	68111	Zinc	579.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
5655	68111	Zinc	508.2903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5665	68111	Zinc	251.8546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5681	68111	Zinc	330.5751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5686	68111	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5687	68111	Zinc	265.6496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25624	68111	Zinc	216.3347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25637	68111	Zinc	292.225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25640	68111	Zinc	279.3022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25645	68111	Zinc	325.1995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25646	68111	Zinc	357.0793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25647	68111	Zinc	257.2213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25648	68111	Zinc	349.7991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25649	68111	Zinc	228.3764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25651	68111	Zinc	1305.846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25652	68111	Zinc	307.4707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25658	68111	Zinc	388.1581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25660	68111	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25662	68111	Zinc	758.6473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25663	68111	Zinc	468.0356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25669	68111	Zinc	253.7058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25670	68111	Zinc	277.1128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25671	68111	Zinc	336.4046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25673	68111	Zinc	411.2981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25674	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25675	68111	Zinc	239.1454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25678	68111	Zinc	946.553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
25679	68111	Zinc	312.4458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25680	68111	Zinc	228.7947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25681	68111	Zinc	194.1915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25682	68111	Zinc	411.7342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25683	68111	Zinc	241.9489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25684	68111	Zinc	382.8715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25685	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25686	68111	Zinc	360.9508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25687	68111	Zinc	321.8264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25688	68111	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25695	68111	Zinc	404.6765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25696	68111	Zinc	355.6998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25697	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25698	68111	Zinc	160.1134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25699	68111	Zinc	448.1975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25701	68111	Zinc	434.6517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25705	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25706	68111	Zinc	248.7663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25708	68111	Zinc	341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25709	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25716	68111	Zinc	333.1294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25718	68111	Zinc	278.8038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25719	68111	Zinc	253.4744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25724	68111	Zinc	503.5555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25726	68111	Zinc	516.1579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25727	68111	Zinc	163.2373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25730	68111	Zinc	227.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25731	68111	Zinc	501.464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25732	68111	Zinc	373.7401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25735	68111	Zinc	347.4762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25736	68111	Zinc	314.2169	3.00E-01	--	3.00E-01	--	4.47E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
25756	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25758	68111	Zinc	324.5142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25759	68111	Zinc	556.1367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25761	68111	Zinc	1337.085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25762	68111	Zinc	561.4856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25763	68111	Zinc	259.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25764	68111	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25765	68111	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25766	68111	Zinc	309.8292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25768	68111	Zinc	558.0769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25769	68111	Zinc	228.9638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25770	68111	Zinc	259.0458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25771	68111	Zinc	644.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25772	68111	Zinc	876.3498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25773	68111	Zinc	271.2032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25774	68111	Zinc	297.4493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25775	68111	Zinc	458.922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25776	68111	Zinc	538.9597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25778	68111	Zinc	107.7102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25779	68111	Zinc	417.6349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25780	68111	Zinc	347.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25781	68111	Zinc	347.7076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25782	68111	Zinc	174.1398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25785	68111	Zinc	257.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25786	68111	Zinc	501.6954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25787	68111	Zinc	432.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25788	68111	Zinc	195.2684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25790	68111	Zinc	315.5252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25793	68111	Zinc	424.6392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25794	68111	Zinc	552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25796	68111	Zinc	559.7412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25797	68111	Zinc	164.7325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25801	68111	Zinc	212.9349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25803	68111	Zinc	292.3051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25804	68111	Zinc	365.8725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25805	68111	Zinc	571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
25807	68111	Zinc	326.7481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25808	68111	Zinc	400.2176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25809	68111	Zinc	428.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25810	68111	Zinc	356.4207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25811	68111	Zinc	578.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
25813	68111	Zinc	210.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25814	68111	Zinc	407.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25815	68111	Zinc	292.3407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25816	68111	Zinc	278.8572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25817	68111	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25818	68111	Zinc	285.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25819	68111	Zinc	370.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25821	68111	Zinc	369.922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25823	68111	Zinc	405.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25824	68111	Zinc	569.5312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25825	68111	Zinc	505.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25826	68111	Zinc	522.8329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25827	68111	Zinc	512.7581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25828	68111	Zinc	466.7184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25829	68111	Zinc	391.193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25830	68111	Zinc	402.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25831	68111	Zinc	341.353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25833	68111	Zinc	729.1705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25834	68111	Zinc	345.9454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25836	68111	Zinc	524.8799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25837	68111	Zinc	426.8998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25838	68111	Zinc	442.0832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25840	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25843	68111	Zinc	223.9264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25844	68111	Zinc	161.0123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25845	68111	Zinc	185.3894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25847	68111	Zinc	451.535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25848	68111	Zinc	152.0767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25849	68111	Zinc	559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25850	68111	Zinc	245.7225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25851	68111	Zinc	319.2988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25853	68111	Zinc	157.0073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25854	68111	Zinc	476.3304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25855	68111	Zinc	257.5684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25860	68111	Zinc	216.7975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25862	68111	Zinc	354.4716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25863	68111	Zinc	290.9167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25864	68111	Zinc	164.9283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25866	68111	Zinc	282.8355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25868	68111	Zinc	180.3965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25869	68111	Zinc	135.1667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25870	68111	Zinc	324.1582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25871	68111	Zinc	394.6462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25872	68111	Zinc	371.2481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25873	68111	Zinc	292.5454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25874	68111	Zinc	365.2406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25875	68111	Zinc	257.8354	3.00E-01	--	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
25907	68111	Zinc	208.7252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25908	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25910	68111	Zinc	603.636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25912	68111	Zinc	215.3646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25915	68111	Zinc	389.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25918	68111	Zinc	98.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
25919	68111	Zinc	317.145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25921	68111	Zinc	639.2004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25924	68111	Zinc	223.962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25925	68111	Zinc	2209.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
25927	68111	Zinc	329.2935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25930	68111	Zinc	757.6238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25931	68111	Zinc	536.0227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25932	68111	Zinc	676.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25933	68111	Zinc	453.3773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25935	68111	Zinc	268.0971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25936	68111	Zinc	398.1973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25937	68111	Zinc	306.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25938	68111	Zinc	285.2207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25939	68111	Zinc	698.0739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25942	68111	Zinc	555.3535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25943	68111	Zinc	975.033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
25944	68111	Zinc	417.0653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25947	68111	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25949	68111	Zinc	238.0863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25950	68111	Zinc	248.1967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25952	68111	Zinc	249.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25953	68111	Zinc	385.7017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25955	68111	Zinc	108.974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25956	68111	Zinc	123.4365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25958	68111	Zinc	270.6158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25961	68111	Zinc	209.4461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25962	68111	Zinc	217.8299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25963	68111	Zinc	315.454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25964	68111	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25965	68111	Zinc	246.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25968	68111	Zinc	458.3346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25970	68111	Zinc	304.9342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25971	68111	Zinc	214.1364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25972	68111	Zinc	322.4761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25973	68111	Zinc	427.4872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25974	68111	Zinc	321.2301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25975	68111	Zinc	373.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25976	68111	Zinc	322.8588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25977	68111	Zinc	209.2592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25978	68111	Zinc	294.361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25979	68111	Zinc	222.6181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25980	68111	Zinc	364.7066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25981	68111	Zinc	529.054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25982	68111	Zinc	282.3104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25983	68111	Zinc	481.0474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25984	68111	Zinc	193.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25985	68111	Zinc	319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25986	68111	Zinc	481.85285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25987	68111	Zinc	388.0157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25988	68111	Zinc	176.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25990	68111	Zinc	166.5481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25991	68111	Zinc	302.6202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25992	68111	Zinc	332.1949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25993	68111	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25995	68111	Zinc	298.7309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25996	68111	Zinc	299.0424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26000	68111	Zinc	263.8429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26002	68111	Zinc	578.8584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26004	68111	Zinc	415.0984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26005	68111	Zinc	399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26006	68111	Zinc	253.1362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26007	68111	Zinc	286.3065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26008	68111	Zinc	295.518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26009	68111	Zinc	328.6972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26011	68111	Zinc	182.7105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26012	68111	Zinc	491.3002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26018	68111	Zinc	157.8617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26020	68111	Zinc	379.6319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26021	68111	Zinc	221.5768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26025	68111	Zinc	254.5424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26027	68111	Zinc	266.4773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26029	68111	Zinc	446.9159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26030	68111	Zinc	449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26032	68111	Zinc	164.3765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26033	68111	Zinc	176.4805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26034	68111	Zinc	152.3348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26035	68111	Zinc	336.9386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26036	68111	Zinc	330.1034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26038	68111	Zinc	515.9176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26039	68111	Zinc	509.5452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26040	68111	Zinc	228.3586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26041	68111	Zinc	191.388	3.00E-01	--	3.00E-01

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
26057	68111	Zinc	1721.387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26061	68111	Zinc	581.8666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26062	68111	Zinc	891.3908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26063	68111	Zinc	293.5689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26065	68111	Zinc	312.3212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26067	68111	Zinc	291.4507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26068	68111	Zinc	281.723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26069	68111	Zinc	299.2916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26070	68111	Zinc	236.8047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26072	68111	Zinc	197.3065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26076	68111	Zinc	301.0627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26077	68111	Zinc	566.6298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26078	68111	Zinc	174.1131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26079	68111	Zinc	275.1726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26080	68111	Zinc	169.8589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26082	68111	Zinc	130.6099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26083	68111	Zinc	225.7242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26084	68111	Zinc	541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26086	68111	Zinc	145.9624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26087	68111	Zinc	160.3893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26088	68111	Zinc	1175.283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26089	68111	Zinc	414.3775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26090	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26092	68111	Zinc	443.8454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26093	68111	Zinc	417.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26100	68111	Zinc	345.358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26101	68111	Zinc	185.8344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26102	68111	Zinc	1272.738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26103	68111	Zinc	225.5551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26106	68111	Zinc	385.0075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26107	68111	Zinc	265.6763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26108	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26110	68111	Zinc	215.1688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26112	68111	Zinc	1018.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26113	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26114	68111	Zinc	272.6895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26115	68111	Zinc	135.7719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26116	68111	Zinc	313.0866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26117	68111	Zinc	376.5525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26118	68111	Zinc	151.7385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26119	68111	Zinc	178.0291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26120	68111	Zinc	389.9915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26123	68111	Zinc	189.3054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26124	68111	Zinc	199.9587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26126	68111	Zinc	243.3996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26129	68111	Zinc	174.2911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26131	68111	Zinc	380.3795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26132	68111	Zinc	343.8806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26135	68111	Zinc	274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26137	68111	Zinc	181.509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26139	68111	Zinc	214.6259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26140	68111	Zinc	270.8116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26141	68111	Zinc	170.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26142	68111	Zinc	125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26144	68111	Zinc	282.3994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26145	68111	Zinc	236.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26146	68111	Zinc	328.3679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26147	68111	Zinc	290.1424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26149	68111	Zinc	388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26150	68111	Zinc	266.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26153	68111	Zinc	319.3967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26154	68111	Zinc	388.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26157	68111	Zinc	407.2397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26158	68111	Zinc	324.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26159	68111	Zinc	393.28895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26160	68111	Zinc	515.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26161	68111	Zinc	401.7751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26162	68111	Zinc	119.2446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26164	68111	Zinc	473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26165	68111	Zinc	264.1277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26166	68111	Zinc	163.7802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26168	68111	Zinc	254.8005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26170	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26172	68111	Zinc	337.6061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26173	68111	Zinc	369.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26174	68111	Zinc	361.2534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26176	68111	Zinc	317.6701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26177	68111	Zinc	276.116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26178	68111	Zinc	214.5191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26179	68111	Zinc	300.3685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26183	68111	Zinc	368.3645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26184	68111	Zinc	193.8711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26185	68111	Zinc	554.0986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26187	68111	Zinc	224.3803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26188	68111	Zinc	222.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26189	68111	Zinc	539.0131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26190	68111	Zinc	174.2644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26191	68111	Zinc	293.2841	3.00E-01	--	3.00E-01

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
26206	68111	Zinc	501.6509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26209	68111	Zinc	169.1113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26210	68111	Zinc	292.5988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26211	68111	Zinc	314.0478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26212	68111	Zinc	234.553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26213	68111	Zinc	207.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26214	68111	Zinc	348.5353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26215	68111	Zinc	319.4323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26216	68111	Zinc	232.7552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26217	68111	Zinc	127.5483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26222	68111	Zinc	235.3718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26224	68111	Zinc	295.0997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26225	68111	Zinc	274.2737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26226	68111	Zinc	537.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26227	68111	Zinc	224.1222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26228	68111	Zinc	415.3476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26229	68111	Zinc	462.4642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26230	68111	Zinc	535.8892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26231	68111	Zinc	238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26232	68111	Zinc	187.4542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26233	68111	Zinc	151.8809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26235	68111	Zinc	124.0417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26236	68111	Zinc	113.6554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26240	68111	Zinc	215.6316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26241	68111	Zinc	363.6475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26242	68111	Zinc	923.769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26246	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26248	68111	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26249	68111	Zinc	322.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26251	68111	Zinc	546.6048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26256	68111	Zinc	239.4836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26257	68111	Zinc	663.9958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26261	68111	Zinc	389.3062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26263	68111	Zinc	433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26264	68111	Zinc	397.1738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26265	68111	Zinc	383.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26266	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26268	68111	Zinc	157.3455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26269	68111	Zinc	236.2885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26270	68111	Zinc	173.8906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26271	68111	Zinc	388.8078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26273	68111	Zinc	383.539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26274	68111	Zinc	162.2405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26275	68111	Zinc	217.4917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26276	68111	Zinc	264.546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26277	68111	Zinc	168.9511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26279	68111	Zinc	228.0827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26281	68111	Zinc	178.3762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26282	68111	Zinc	166.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26283	68111	Zinc	235.8702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26284	68111	Zinc	268.8981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26285	68111	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26286	68111	Zinc	172.3331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26288	68111	Zinc	270.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26289	68111	Zinc	557.1691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26290	68111	Zinc	171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26291	68111	Zinc	509.0023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26292	68111	Zinc	214.1809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26293	68111	Zinc	284.126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26294	68111	Zinc	359.0017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26295	68111	Zinc	220.1884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26296	68111	Zinc	186.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26300	68111	Zinc	285.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26301	68111	Zinc	535.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26303	68111	Zinc	210.2471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26304	68111	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26305	68111	Zinc	262.2854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26306	68111	Zinc	116.0851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26307	68111	Zinc	183.467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26308	68111	Zinc	148.6324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26310	68111	Zinc	109.6593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26311	68111	Zinc	279.8807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26312	68111	Zinc	407.6847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26313	68111	Zinc	416.6826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26314	68111	Zinc	183.8764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26316	68111	Zinc	625.9038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26318	68111	Zinc	300.146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26319	68111	Zinc	259.1348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26320	68111	Zinc	443.2224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26322	68111	Zinc	1470.941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26323	68111	Zinc	313.0866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26324	68111	Zinc	218.6309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26326	68111	Zinc	624.2128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26327	68111	Zinc	133.7961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26328	68111	Zinc	446.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26329	68111	Zinc	618.2231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26330	68111	Zinc	175.2256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26331	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
26348	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26349	68111	Zinc	182.6571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26351	68111	Zinc	87.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26352	68111	Zinc	245.767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26353	68111	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26354	68111	Zinc	400.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26356	68111	Zinc	294.7882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26357	68111	Zinc	182.3456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26359	68111	Zinc	489.4134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26360	68111	Zinc	721.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26361	68111	Zinc	322.1023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26362	68111	Zinc	256.0109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26363	68111	Zinc	810.7657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26364	68111	Zinc	368.7917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26366	68111	Zinc	263.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26368	68111	Zinc	331.296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26370	68111	Zinc	224.1222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26371	68111	Zinc	400.6092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26372	68111	Zinc	1025.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26373	68111	Zinc	211.9025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26375	68111	Zinc	195.6422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26376	68111	Zinc	320.0286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26377	68111	Zinc	668.0186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26379	68111	Zinc	231.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26381	68111	Zinc	216.2279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26385	68111	Zinc	570.5102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26390	68111	Zinc	300.3418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26392	68111	Zinc	509.7232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26394	68111	Zinc	235.354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26395	68111	Zinc	364.5642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26396	68111	Zinc	340.8902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26397	68111	Zinc	339.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26399	68111	Zinc	535.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26401	68111	Zinc	182.6304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26403	68111	Zinc	523.0999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26404	68111	Zinc	155.9749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26405	68111	Zinc	215.8719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26406	68111	Zinc	515.6239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26407	68111	Zinc	1166.027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26408	68111	Zinc	305.0321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26409	68111	Zinc	175.2167	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26411	68111	Zinc	172.8493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26417	68111	Zinc	150.893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26418	68111	Zinc	328.4391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26419	68111	Zinc	301.8192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26420	68111	Zinc	185.5763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26421	68111	Zinc	175.7596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26422	68111	Zinc	346.7731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26424	68111	Zinc	319.7438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26427	68111	Zinc	228.5188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26428	68111	Zinc	702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26429	68111	Zinc	273.1434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26430	68111	Zinc	330.6908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26431	68111	Zinc	188.4065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26432	68111	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26433	68111	Zinc	216.7441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26434	68111	Zinc	240.8809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26436	68111	Zinc	224.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26438	68111	Zinc	349.363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26442	68111	Zinc	299.5942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26445	68111	Zinc	422.788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26446	68111	Zinc	404.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26449	68111	Zinc	261.6891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26450	68111	Zinc	815.1534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26451	68111	Zinc	277.0772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26453	68111	Zinc	440.3032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26455	68111	Zinc	327.202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26456	68111	Zinc	452.3004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26457	68111	Zinc	344.1387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26458	68111	Zinc	525.7076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26459	68111	Zinc	260.5232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26463	68111	Zinc	370.7408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26464	68111	Zinc	245.9272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26466	68111	Zinc	339.2259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26467	68111	Zinc	139.1717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26470	68111	Zinc	218.5063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26471	68111	Zinc	545.8483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26472	68111	Zinc	177.8867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26473	68111	Zinc	211.2172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26474	68111	Zinc	613.7553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26475	68111	Zinc	298.8466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26476	68111	Zinc	254.4356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26477	68111	Zinc	286.6269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26478	68111	Zinc	123.303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26479	68111	Zinc	225.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26480	68111	Zinc	576.1439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26481	68111	Zinc	204.8893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26482	68111	Zinc	282.6575	3.00

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
26496	68111	Zinc	240.1778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26498	68111	Zinc	240.2045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26499	68111	Zinc	405.1571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26500	68111	Zinc	1384.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26501	68111	Zinc	153.6876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26504	68111	Zinc	453.1192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26505	68111	Zinc	421.4085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26507	68111	Zinc	257.8354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26510	68111	Zinc	174.2021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26512	68111	Zinc	230.6993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26514	68111	Zinc	261.7781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26515	68111	Zinc	357.8803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26516	68111	Zinc	478.9114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26517	68111	Zinc	468.7743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26518	68111	Zinc	557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26519	68111	Zinc	481.6615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26520	68111	Zinc	339.0123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26521	68111	Zinc	209.2236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26522	68111	Zinc	523.0287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26524	68111	Zinc	382.6134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26526	68111	Zinc	145.9001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26536	68111	Zinc	274.6475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26537	68111	Zinc	249.0155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26541	68111	Zinc	279.5247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26543	68111	Zinc	301.5433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26545	68111	Zinc	378.1456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26547	68111	Zinc	161.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26549	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26552	68111	Zinc	371.6575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26554	68111	Zinc	439.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26562	68111	Zinc	364.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26564	68111	Zinc	354.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26566	68111	Zinc	334.0817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26570	68111	Zinc	898.7689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26571	68111	Zinc	289.555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26573	68111	Zinc	300.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26574	68111	Zinc	150.359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26576	68111	Zinc	270.776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26579	68111	Zinc	338.1579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26581	68111	Zinc	559.225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26582	68111	Zinc	275.9558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26583	68111	Zinc	169.1558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26588	68111	Zinc	370.4382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26589	68111	Zinc	665.3664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26590	68111	Zinc	411.3871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26591	68111	Zinc	323.5085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26593	68111	Zinc	287.2588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26594	68111	Zinc	569.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26595	68111	Zinc	303.4568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26596	68111	Zinc	1187.565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26597	68111	Zinc	342.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26599	68111	Zinc	815.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26601	68111	Zinc	365.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26602	68111	Zinc	263.7717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26604	68111	Zinc	139.8481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26605	68111	Zinc	214.2076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26607	68111	Zinc	150.1187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26610	68111	Zinc	235.4074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26611	68111	Zinc	246.3099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26612	68111	Zinc	370.6696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26615	68111	Zinc	347.494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26616	68111	Zinc	511.1027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26620	68111	Zinc	934.093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26624	68111	Zinc	322.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26625	68111	Zinc	193.1146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26626	68111	Zinc	443.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26629	68111	Zinc	383.1563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26630	68111	Zinc	307.622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26632	68111	Zinc	221.4255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26633	68111	Zinc	835.4276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26634	68111	Zinc	377.9231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26635	68111	Zinc	550.3161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26636	68111	Zinc	254.7916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26637	68111	Zinc	241.8243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26638	68111	Zinc	137.4362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26641	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26642	68111	Zinc	568.9082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26643	68111	Zinc	240.516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26644	68111	Zinc	279.7383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26645	68111	Zinc	450.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26646	68111	Zinc	185.7098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26649	68111	Zinc	135.051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26650	68111	Zinc	307.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26652	68111	Zinc	128.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26653	68111	Zinc	379.4272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26654	68111	Zinc	137.6231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26655	68111	Zinc	341.0593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26657	68111	Zinc	424.7282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
26672	68111	Zinc	118.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26673	68111	Zinc	581.3504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26674	68111	Zinc	175.1366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26675	68111	Zinc	226.0713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26676	68111	Zinc	253.6257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26677	68111	Zinc	177.059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26678	68111	Zinc	458.3969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26679	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26680	68111	Zinc	312.6772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26681	68111	Zinc	563.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26682	68111	Zinc	269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26684	68111	Zinc	232.5594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26686	68111	Zinc	385.4525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26689	68111	Zinc	857.7933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26690	68111	Zinc	528.1729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26693	68111	Zinc	417.9731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26695	68111	Zinc	507.7296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26696	68111	Zinc	194.9391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26698	68111	Zinc	685.3291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26700	68111	Zinc	399.4433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26702	68111	Zinc	240.9699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26710	68111	Zinc	137.3561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26711	68111	Zinc	338.3626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26712	68111	Zinc	121.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26713	68111	Zinc	339.8222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26714	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26715	68111	Zinc	91.7881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
26716	68111	Zinc	410.061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26718	68111	Zinc	135.6206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26720	68111	Zinc	282.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26721	68111	Zinc	250.0479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26722	68111	Zinc	300.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26725	68111	Zinc	230.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26727	68111	Zinc	283.3873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26728	68111	Zinc	259.028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26729	68111	Zinc	277.006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26730	68111	Zinc	451.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26732	68111	Zinc	267.483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26734	68111	Zinc	451.5884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26736	68111	Zinc	574.1681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26737	68111	Zinc	224.9944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26738	68111	Zinc	2889.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	5E-03
26740	68111	Zinc	126.8007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26741	68111	Zinc	455.2107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26742	68111	Zinc	207.141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26744	68111	Zinc	813.1776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26745	68111	Zinc	736.5041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26746	68111	Zinc	238.291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26748	68111	Zinc	232.2212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26749	68111	Zinc	191.3524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26750	68111	Zinc	683.4334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26751	68111	Zinc	841.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26753	68111	Zinc	308.7612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26754	68111	Zinc	620.6172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26756	68111	Zinc	596.5605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26757	68111	Zinc	213.0506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26758	68111	Zinc	243.9603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26759	68111	Zinc	176.4093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26760	68111	Zinc	462.838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26761	68111	Zinc	345.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26763	68111	Zinc	661.1033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26764	68111	Zinc	305.486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26765	68111	Zinc	349.4787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26766	68111	Zinc	382.3108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26768	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26769	68111	Zinc	194.503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26770	68111	Zinc	269.797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26771	68111	Zinc	355.326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26772	68111	Zinc	293.0794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26773	68111	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26775	68111	Zinc	263.6649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26778	68111	Zinc	170.3484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26779	68111	Zinc	451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26780	68111	Zinc	250.1013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26781	68111	Zinc	441.5492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26782	68111	Zinc	267.1003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26783	68111	Zinc	274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26785	68111	Zinc	218.2749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26786	68111	Zinc	280.6817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26787	68111	Zinc	347.7788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26788	68111	Zinc	277.5934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26789	68111	Zinc	422.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26790	68111	Zinc	639.2004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26791	68111	Zinc	1922.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26792	68111	Zinc	637.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26795	68111	Zinc	234.197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26796	68111	Zinc	362.9444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26797	68111	Zinc	208.0132	3.00E-01	--	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
26814	68111	Zinc	361.4937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26815	68111	Zinc	214.1008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26816	68111	Zinc	368.0708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26817	68111	Zinc	242.0557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26818	68111	Zinc	284.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26819	68111	Zinc	151.4003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26820	68111	Zinc	143.1233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26826	68111	Zinc	314.297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26827	68111	Zinc	2069.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26828	68111	Zinc	231.7851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26829	68111	Zinc	199.7629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26830	68111	Zinc	239.7773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26833	68111	Zinc	199.8608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26834	68111	Zinc	464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26836	68111	Zinc	214.1631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26840	68111	Zinc	419.9133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26842	68111	Zinc	380.6732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26844	68111	Zinc	464.5735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26845	68111	Zinc	644.8519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26847	68111	Zinc	247.9386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26848	68111	Zinc	208.9121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26849	68111	Zinc	124.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26850	68111	Zinc	206.518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26853	68111	Zinc	347.5474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26854	68111	Zinc	493.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26855	68111	Zinc	341.1127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26856	68111	Zinc	315.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26857	68111	Zinc	606.3772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26858	68111	Zinc	378.9555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26859	68111	Zinc	666.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26860	68111	Zinc	432.044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26861	68111	Zinc	341.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26864	68111	Zinc	561.3343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26865	68111	Zinc	422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26867	68111	Zinc	283.3517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26868	68111	Zinc	227.6288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26869	68111	Zinc	446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26870	68111	Zinc	456.2609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26872	68111	Zinc	972.719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
26875	68111	Zinc	278.9373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26876	68111	Zinc	366.718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26877	68111	Zinc	927.1231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26881	68111	Zinc	276.294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26882	68111	Zinc	477.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26883	68111	Zinc	434.4114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26885	68111	Zinc	300.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26886	68111	Zinc	1285.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
26889	68111	Zinc	777.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26891	68111	Zinc	623.8835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
26892	68111	Zinc	189.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26893	68111	Zinc	152.762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26894	68111	Zinc	169.2982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26896	68111	Zinc	159.5349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26897	68111	Zinc	118.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26898	68111	Zinc	847.6206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26899	68111	Zinc	417.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26900	68111	Zinc	325.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26902	68111	Zinc	380.7444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
26903	68111	Zinc	528.1106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26904	68111	Zinc	332.7111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26905	68111	Zinc	212.0004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26907	68111	Zinc	359.9362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26910	68111	Zinc	1774.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
26911	68111	Zinc	203.759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26912	68111	Zinc	472.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26913	68111	Zinc	321.0076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26915	68111	Zinc	174.1576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26916	68111	Zinc	412.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26918	68111	Zinc	297.1467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26920	68111	Zinc	289.2524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26923	68111	Zinc	333.7791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26925	68111	Zinc	340.8012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26926	68111	Zinc	146.3362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26927	68111	Zinc	285.7903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26928	68111	Zinc	270.6425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26930	68111	Zinc	440.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26931	68111	Zinc	232.9777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26932	68111	Zinc	216.2813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26938	68111	Zinc	184.9622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26940	68111	Zinc	261.9383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26941	68111	Zinc	333.076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26942	68111	Zinc	360.7194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26943	68111	Zinc	359.2331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26944	68111	Zinc	362.446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26947	68111	Zinc	567.8758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
26948	68111	Zinc	295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26949	68111	Zinc	289.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26950	68111	Zinc	331.118	3.00E-01	--	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
26965	68111	Zinc	234.5886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
26966	68111	Zinc	451.1612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
26967	68111	Zinc	433.8774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
26970	68111	Zinc	314.475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26971	68111	Zinc	160.7809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26972	68111	Zinc	155.2451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26973	68111	Zinc	215.4447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26976	68111	Zinc	790.1266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26977	68111	Zinc	290.4984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26978	68111	Zinc	346.5595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26980	68111	Zinc	575.3429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
26981	68111	Zinc	213.2464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26982	68111	Zinc	316.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
26983	68111	Zinc	181.9807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26985	68111	Zinc	162.0803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
26987	68111	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
26988	68111	Zinc	143.1767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
26991	68111	Zinc	493.1603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
26992	68111	Zinc	217.4472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
26993	68111	Zinc	807.9177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
26994	68111	Zinc	361.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
26996	68111	Zinc	508.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
26997	68111	Zinc	281.4204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
26999	68111	Zinc	342.9995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27000	68111	Zinc	270.8472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27001	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27002	68111	Zinc	339.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27003	68111	Zinc	315.8189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27004	68111	Zinc	210.879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27005	68111	Zinc	231.1176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27009	68111	Zinc	521.9162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27011	68111	Zinc	335.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27012	68111	Zinc	166.4591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27013	68111	Zinc	373.4553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27015	68111	Zinc	357.7201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27017	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27018	68111	Zinc	691.2031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27019	68111	Zinc	385.7907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27020	68111	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27022	68111	Zinc	474.2656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27024	68111	Zinc	249.3626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27025	68111	Zinc	159.1967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27026	68111	Zinc	118.0787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27028	68111	Zinc	205.1207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27029	68111	Zinc	116.6814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27031	68111	Zinc	134.4191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27032	68111	Zinc	529.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27033	68111	Zinc	174.4157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27037	68111	Zinc	150.181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27038	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27040	68111	Zinc	373.1883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27043	68111	Zinc	444.2014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27046	68111	Zinc	423.5089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27048	68111	Zinc	288.2022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27050	68111	Zinc	329.7385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27052	68111	Zinc	146.3273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27054	68111	Zinc	135.407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27058	68111	Zinc	479.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27060	68111	Zinc	302.4333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27062	68111	Zinc	280.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27066	68111	Zinc	172.9739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27068	68111	Zinc	261.7158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27070	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27071	68111	Zinc	174.3801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27072	68111	Zinc	138.1749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27073	68111	Zinc	395.5985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27074	68111	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27075	68111	Zinc	534.1715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27077	68111	Zinc	351.4278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27079	68111	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27080	68111	Zinc	267.7856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27082	68111	Zinc	422.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27087	68111	Zinc	403.6085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27090	68111	Zinc	406.1895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27091	68111	Zinc	694.5317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27092	68111	Zinc	305.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27094	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27095	68111	Zinc	666.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27096	68111	Zinc	838.8986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27099	68111	Zinc	488.4789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27101	68111	Zinc	252.9671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27103	68111	Zinc	202.8245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27107	68111	Zinc	170.4819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27108	68111	Zinc	167.6339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27109	68111	Zinc	113.1926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27110	68111	Zinc	210.5141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27111	68111	Zinc	643.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27112	68111	Zinc	481.9819	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27128	68111	Zinc	280.8686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27129	68111	Zinc	694.4605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27130	68111	Zinc	161.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27131	68111	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27132	68111	Zinc	322.3515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27134	68111	Zinc	370.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27135	68111	Zinc	144.3693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27136	68111	Zinc	299.9146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27137	68111	Zinc	332.2394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27138	68111	Zinc	272.4403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27139	68111	Zinc	199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27140	68111	Zinc	251.9258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27141	68111	Zinc	494.9225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27142	68111	Zinc	703.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27143	68111	Zinc	120.9445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27144	68111	Zinc	340.1515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27145	68111	Zinc	163.0059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27146	68111	Zinc	209.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27148	68111	Zinc	125.2699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27149	68111	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27150	68111	Zinc	121.5497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27151	68111	Zinc	177.2904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27152	68111	Zinc	327.5936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27153	68111	Zinc	214.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27155	68111	Zinc	167.7496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27156	68111	Zinc	777.5331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27157	68111	Zinc	106.9537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27159	68111	Zinc	255.6816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27160	68111	Zinc	390.0182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27161	68111	Zinc	136.7331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27162	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27163	68111	Zinc	554.4279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27164	68111	Zinc	756.0663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27166	68111	Zinc	324.3807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27167	68111	Zinc	158.547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27168	68111	Zinc	144.7164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27169	68111	Zinc	478.9025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27170	68111	Zinc	172.075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27171	68111	Zinc	623.8657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27172	68111	Zinc	214.0207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27173	68111	Zinc	91.6991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27174	68111	Zinc	123.4632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27177	68111	Zinc	293.0883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27178	68111	Zinc	119.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27179	68111	Zinc	418.8364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27180	68111	Zinc	576.1528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27182	68111	Zinc	848.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27184	68111	Zinc	257.1412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27185	68111	Zinc	285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27186	68111	Zinc	461.6899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27188	68111	Zinc	142.5804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27189	68111	Zinc	357.729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27190	68111	Zinc	408.7972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27191	68111	Zinc	309.9182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27193	68111	Zinc	180.1384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27195	68111	Zinc	321.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27197	68111	Zinc	634.8127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27198	68111	Zinc	590.3305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27199	68111	Zinc	106.749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27202	68111	Zinc	180.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27204	68111	Zinc	291.068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27205	68111	Zinc	190.5692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27206	68111	Zinc	756.3422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27207	68111	Zinc	203.0559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27209	68111	Zinc	231.7139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27210	68111	Zinc	264.5015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27211	68111	Zinc	195.8291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27212	68111	Zinc	300.3151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27213	68111	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27215	68111	Zinc	193.6575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27217	68111	Zinc	176.1067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27218	68111	Zinc	914.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27219	68111	Zinc	400.9919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27221	68111	Zinc	412.464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27222	68111	Zinc	331.0735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27223	68111	Zinc	268.8892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27224	68111	Zinc	294.1741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27225	68111	Zinc	122.1193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27226	68111	Zinc	124.8961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27227	68111	Zinc	346.6574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27229	68111	Zinc	203.1004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27230	68111	Zinc	307.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27231	68111	Zinc	112.8366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27234	68111	Zinc	288.7985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27236	68111	Zinc	257.4883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27239	68111	Zinc	320.8029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27240	68111	Zinc	138.8958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27244	68111	Zinc	126.1599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27258	68111	Zinc	153.7143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27259	68111	Zinc	242.1269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27260	68111	Zinc	164.8037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27262	68111	Zinc	268.818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27264	68111	Zinc	322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27265	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27266	68111	Zinc	307.5063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27268	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27269	68111	Zinc	854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27270	68111	Zinc	240.338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27272	68111	Zinc	474.7551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27273	68111	Zinc	408.7794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27274	68111	Zinc	493.7121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27275	68111	Zinc	420.3138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27276	68111	Zinc	583.9225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27277	68111	Zinc	272.1644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27278	68111	Zinc	655.9502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27280	68111	Zinc	154.3907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27283	68111	Zinc	213.1307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27286	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27288	68111	Zinc	391.5846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27289	68111	Zinc	207.0253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27292	68111	Zinc	276.9081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27293	68111	Zinc	403.6975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27297	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27298	68111	Zinc	277.8159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27299	68111	Zinc	135.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27300	68111	Zinc	224.1934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27302	68111	Zinc	125.0474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27303	68111	Zinc	177.3527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27305	68111	Zinc	331.6698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27306	68111	Zinc	285.4877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27307	68111	Zinc	266.4684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27308	68111	Zinc	158.0753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27310	68111	Zinc	361.2801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27312	68111	Zinc	386.1022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27315	68111	Zinc	931.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27316	68111	Zinc	293.8092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27317	68111	Zinc	798.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27318	68111	Zinc	1958.394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27322	68111	Zinc	99.5845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
27323	68111	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27324	68111	Zinc	1180	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27325	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27326	68111	Zinc	145.8111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27328	68111	Zinc	190.6493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27329	68111	Zinc	258.138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27334	68111	Zinc	502.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27335	68111	Zinc	228.1005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27336	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27337	68111	Zinc	289.199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27338	68111	Zinc	284.2061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27340	68111	Zinc	255.2544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27341	68111	Zinc	272.6717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27342	68111	Zinc	460.4795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27344	68111	Zinc	295.1798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27345	68111	Zinc	177.8956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27346	68111	Zinc	261.9294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27347	68111	Zinc	300.9203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27349	68111	Zinc	473.0285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27351	68111	Zinc	345.5894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27353	68111	Zinc	98.5521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
27354	68111	Zinc	309.3308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27355	68111	Zinc	514.9564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27356	68111	Zinc	263.3267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27357	68111	Zinc	363.0423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27358	68111	Zinc	1123.663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27359	68111	Zinc	178.8479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27360	68111	Zinc	399.8171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27362	68111	Zinc	164.5367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27363	68111	Zinc	214.8128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27364	68111	Zinc	459.1267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27366	68111	Zinc	224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27368	68111	Zinc	424.9774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27369	68111	Zinc	397.5031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27371	68111	Zinc	214.884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27375	68111	Zinc	499.4793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27376	68111	Zinc	331.7232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27377	68111	Zinc	143.773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27379	68111	Zinc	132.7726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27380	68111	Zinc	172.075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27383	68111	Zinc	128.198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27384	68111	Zinc	165.8272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27385	68111	Zinc	320.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27387	68111	Zinc	49.332875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
27388	68111	Zinc	199.9854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27390	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27394	68111	Zinc	98.1516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27412	68111	Zinc	315.1336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27413	68111	Zinc	362.9355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27414	68111	Zinc	214.884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27415	68111	Zinc	504.8193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27416	68111	Zinc	351.9885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27418	68111	Zinc	323.464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27419	68111	Zinc	385.0342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27422	68111	Zinc	447.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27423	68111	Zinc	400.7427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27424	68111	Zinc	282.0345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27425	68111	Zinc	237.045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27426	68111	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27428	68111	Zinc	249.6741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27429	68111	Zinc	188.5756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27432	68111	Zinc	460.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27433	68111	Zinc	485.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27434	68111	Zinc	562.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27440	68111	Zinc	191.7262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27441	68111	Zinc	887.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27442	68111	Zinc	444.6108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27443	68111	Zinc	224.763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27444	68111	Zinc	174.7005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27445	68111	Zinc	219.8413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27446	68111	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27447	68111	Zinc	209.3037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27448	68111	Zinc	189.608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27449	68111	Zinc	563.6216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27450	68111	Zinc	150.9909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27451	68111	Zinc	170.9714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27452	68111	Zinc	375.5112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27453	68111	Zinc	170.3217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27454	68111	Zinc	161.9201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27456	68111	Zinc	38.88205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	6E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	6E-05
27457	68111	Zinc	1578.364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
27458	68111	Zinc	263.4958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27459	68111	Zinc	457.3734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27460	68111	Zinc	636.5927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27461	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27462	68111	Zinc	160.7542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27463	68111	Zinc	150.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27465	68111	Zinc	639.1915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27466	68111	Zinc	165.3021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27467	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27470	68111	Zinc	122.8847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27472	68111	Zinc	131.0905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27474	68111	Zinc	198.2143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27475	68111	Zinc	362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27478	68111	Zinc	161.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27479	68111	Zinc	271.3545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27480	68111	Zinc	340.3384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27481	68111	Zinc	348.6332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27485	68111	Zinc	459.2068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27488	68111	Zinc	200.1634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27489	68111	Zinc	543.116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27490	68111	Zinc	410.4704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27492	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27495	68111	Zinc	193.1502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27496	68111	Zinc	308.9481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27497	68111	Zinc	383.8683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27499	68111	Zinc	72.7688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27500	68111	Zinc	486.9392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27502	68111	Zinc	215.9965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27503	68111	Zinc	287.864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27505	68111	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27508	68111	Zinc	313.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27509	68111	Zinc	346.1679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27510	68111	Zinc	150.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27511	68111	Zinc	238.5224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27512	68111	Zinc	435.6485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27513	68111	Zinc	90.7557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27514	68111	Zinc	106.2684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27515	68111	Zinc	139.323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27516	68111	Zinc	177.4506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27517	68111	Zinc	246.2209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27519	68111	Zinc	430.8603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27520	68111	Zinc	209.7487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27523	68111	Zinc	393.7918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27524	68111	Zinc	275.7155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27525	68111	Zinc	217.9723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27528	68111	Zinc	252.9493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27529	68111	Zinc	184.0188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27531	68111	Zinc	283.0758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27533	68111	Zinc	334.7492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27535	68111	Zinc	150.3323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27538	68111	Zinc	174.0063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27540	68111	Zinc	397.5743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27542	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27543	68111	Zinc	295.6782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
27562	68111	Zinc	836.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27564	68111	Zinc	344.2989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27565	68111	Zinc	536.8415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27566	68111	Zinc	380.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27567	68111	Zinc	164.955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27568	68111	Zinc	621.7119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27569	68111	Zinc	288.6917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27574	68111	Zinc	318.3287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27576	68111	Zinc	489.2087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27578	68111	Zinc	707.2676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27579	68111	Zinc	502.354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27580	68111	Zinc	415.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27581	68111	Zinc	199.5671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27582	68111	Zinc	323.5619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27584	68111	Zinc	491.5583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27585	68111	Zinc	264.7507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27587	68111	Zinc	198.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27590	68111	Zinc	364.315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27591	68111	Zinc	1040.003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27593	68111	Zinc	133.5736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27594	68111	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27596	68111	Zinc	211.413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27597	68111	Zinc	299.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27598	68111	Zinc	178.0647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27599	68111	Zinc	330.4505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27600	68111	Zinc	313.0421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27601	68111	Zinc	244.5655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27604	68111	Zinc	205.1118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27606	68111	Zinc	254.7293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27607	68111	Zinc	288.0153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27608	68111	Zinc	344.5659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27609	68111	Zinc	148.4722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27611	68111	Zinc	181.064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27612	68111	Zinc	347.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27614	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27617	68111	Zinc	806.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27618	68111	Zinc	170.4908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27619	68111	Zinc	1000.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
27620	68111	Zinc	241.1301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27622	68111	Zinc	990.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
27625	68111	Zinc	301.0093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27626	68111	Zinc	883.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27629	68111	Zinc	217.4828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27630	68111	Zinc	662.4561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27632	68111	Zinc	490.8641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27633	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27636	68111	Zinc	261.2886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27638	68111	Zinc	118.3902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27641	68111	Zinc	209.3838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27642	68111	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27645	68111	Zinc	507.9788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27647	68111	Zinc	165.578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27657	68111	Zinc	145.6331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27658	68111	Zinc	192.6251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27659	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27662	68111	Zinc	327.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27663	68111	Zinc	236.7691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27665	68111	Zinc	210.6031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27668	68111	Zinc	403.7064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27669	68111	Zinc	556.289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27670	68111	Zinc	242.5185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27671	68111	Zinc	1958.661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
27672	68111	Zinc	101.1865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27673	68111	Zinc	199.8964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27674	68111	Zinc	213.282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27675	68111	Zinc	130.5031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27676	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27677	68111	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27678	68111	Zinc	152.495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27679	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27681	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27682	68111	Zinc	153.563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27684	68111	Zinc	126.4447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27685	68111	Zinc	273.446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27686	68111	Zinc	162.1159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27687	68111	Zinc	499.9332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27688	68111	Zinc	1175.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27689	68111	Zinc	151.8364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27694	68111	Zinc	286.4044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27698	68111	Zinc	617.1729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27699	68111	Zinc	1138.526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
27700	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27701	68111	Zinc	759.8221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27702	68111	Zinc	198.063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27705	68111	Zinc	777.5153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27706	68111	Zinc	361.556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27707	68111	Zinc	545.3677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27708	68111	Zinc	312.4369	3.00E-01	--	3.00E-01

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27726	68111	Zinc	466.9943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27728	68111	Zinc	213.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27729	68111	Zinc	436.7076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27731	68111	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27732	68111	Zinc	171.0871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27733	68111	Zinc	755.3365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27734	68111	Zinc	120.1613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27736	68111	Zinc	438.2028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27738	68111	Zinc	254.1152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27739	68111	Zinc	198.0185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27740	68111	Zinc	336.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27742	68111	Zinc	373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27744	68111	Zinc	316.8068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27745	68111	Zinc	347.2537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27746	68111	Zinc	295.1264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27748	68111	Zinc	364.0035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27750	68111	Zinc	132.0606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27751	68111	Zinc	330.2102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27754	68111	Zinc	138.2639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27755	68111	Zinc	395.7587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27758	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27759	68111	Zinc	223.5704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27762	68111	Zinc	285.5767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27763	68111	Zinc	599.6488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27764	68111	Zinc	320.0464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27767	68111	Zinc	294.4233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27768	68111	Zinc	109.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27769	68111	Zinc	416.8339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27770	68111	Zinc	269.2808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27772	68111	Zinc	344.0141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27773	68111	Zinc	321.6751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27774	68111	Zinc	283.5564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27775	68111	Zinc	559.0381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27776	68111	Zinc	222.2977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27777	68111	Zinc	205.4678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27778	68111	Zinc	321.6484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27779	68111	Zinc	258.227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27780	68111	Zinc	741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27782	68111	Zinc	360.6838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27786	68111	Zinc	128.8299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27789	68111	Zinc	216.842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27792	68111	Zinc	365.6322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27793	68111	Zinc	983.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
27794	68111	Zinc	559.7145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27795	68111	Zinc	344.6727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27798	68111	Zinc	143.8531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27803	68111	Zinc	147.9115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27805	68111	Zinc	398.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27806	68111	Zinc	204.6668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27807	68111	Zinc	233.0667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27809	68111	Zinc	203.9103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27810	68111	Zinc	547.655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27813	68111	Zinc	211.8135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27817	68111	Zinc	500.307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27824	68111	Zinc	89.305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27827	68111	Zinc	193.7643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27831	68111	Zinc	575.3162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27834	68111	Zinc	115.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27845	68111	Zinc	527.0604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27846	68111	Zinc	491.2735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27848	68111	Zinc	449.8974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27850	68111	Zinc	512.8115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27853	68111	Zinc	166.4769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
27854	68111	Zinc	294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27856	68111	Zinc	183.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27857	68111	Zinc	269.1829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27859	68111	Zinc	449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27861	68111	Zinc	315.899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27862	68111	Zinc	819.1673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27863	68111	Zinc	425.636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27865	68111	Zinc	114.7768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27866	68111	Zinc	197.0217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27867	68111	Zinc	584.6345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
27869	68111	Zinc	101.5603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27871	68111	Zinc	270.1708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27872	68111	Zinc	220.7046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27874	68111	Zinc	340.0536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27875	68111	Zinc	427.8966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
27876	68111	Zinc	114.8925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27878	68111	Zinc	135.585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27879	68111	Zinc	190.9608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27882	68111	Zinc	335.8439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27883	68111	Zinc	224.7897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
27885	68111	Zinc	364.8401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27886	68111	Zinc	182.6393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27887	68111	Zinc	278.2431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27888	68111	Zinc	193.8889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27891	68111	Zinc	556.6796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
27904	68111	Zinc	122.5198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27906	68111	Zinc	134.0186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27908	68111	Zinc	144.0489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27909	68111	Zinc	367.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27910	68111	Zinc	301.3386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27911	68111	Zinc	102.2545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27912	68111	Zinc	824.623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27913	68111	Zinc	315.9257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27915	68111	Zinc	123.2051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27916	68111	Zinc	398.6512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27918	68111	Zinc	548.9099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
27919	68111	Zinc	514.0486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
27920	68111	Zinc	125.3322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27921	68111	Zinc	368.587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
27922	68111	Zinc	238.4423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27923	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27924	68111	Zinc	146.8969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27926	68111	Zinc	263.122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27929	68111	Zinc	344.0497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
27930	68111	Zinc	617.5289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27931	68111	Zinc	207.4525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27932	68111	Zinc	123.8459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27938	68111	Zinc	267.0469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27939	68111	Zinc	217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27940	68111	Zinc	815.0733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27941	68111	Zinc	455.3442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27942	68111	Zinc	172.5912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27945	68111	Zinc	113.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27946	68111	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27947	68111	Zinc	169.405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27948	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27949	68111	Zinc	262.7126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27950	68111	Zinc	262.7571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27953	68111	Zinc	178.2605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27954	68111	Zinc	262.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27960	68111	Zinc	146.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
27962	68111	Zinc	595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
27969	68111	Zinc	284.749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27982	68111	Zinc	285.6212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
27985	68111	Zinc	484.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
27987	68111	Zinc	450.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
27988	68111	Zinc	249.594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
27991	68111	Zinc	88.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
27994	68111	Zinc	172.431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
27996	68111	Zinc	384.7227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
27997	68111	Zinc	901.519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
27998	68111	Zinc	356.9547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28000	68111	Zinc	667.0574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28002	68111	Zinc	449.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28003	68111	Zinc	315.7655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28004	68111	Zinc	442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28005	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28007	68111	Zinc	212.6501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28009	68111	Zinc	629.1612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28010	68111	Zinc	589.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28011	68111	Zinc	394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28014	68111	Zinc	198.4635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28015	68111	Zinc	445.305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28016	68111	Zinc	326.8905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28018	68111	Zinc	615.1526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28019	68111	Zinc	180	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28020	68111	Zinc	559.0737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28022	68111	Zinc	119.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28023	68111	Zinc	918.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28024	68111	Zinc	229.7559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28025	68111	Zinc	541.4695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28026	68111	Zinc	331.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28027	68111	Zinc	427.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28028	68111	Zinc	377.4247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28029	68111	Zinc	497.904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28032	68111	Zinc	98.5254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
28033	68111	Zinc	526.2327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28034	68111	Zinc	202.5041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28035	68111	Zinc	291.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28036	68111	Zinc	279.6315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28037	68111	Zinc	608.7268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28038	68111	Zinc	113.6198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28042	68111	Zinc	198.6593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28043	68111	Zinc	120.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28044	68111	Zinc	396.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28045	68111	Zinc	271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28046	68111	Zinc	206.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28047	68111	Zinc	159.7574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28048	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28049	68111	Zinc	201.8811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28050	68111	Zinc	503.1105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28051	68111	Zinc	151.0977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28054	68111	Zinc	470.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
28072	68111	Zinc	268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28076	68111	Zinc	380.246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28078	68111	Zinc	198.1609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28079	68111	Zinc	123.6234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28082	68111	Zinc	283.8768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28083	68111	Zinc	1143.421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28094	68111	Zinc	210.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28096	68111	Zinc	472.4055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28097	68111	Zinc	500.9834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28099	68111	Zinc	239.1187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28100	68111	Zinc	213.7804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28102	68111	Zinc	128.0467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28103	68111	Zinc	255.9397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28104	68111	Zinc	273.4549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28105	68111	Zinc	255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28107	68111	Zinc	269.4677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28108	68111	Zinc	265.1512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28109	68111	Zinc	736.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28110	68111	Zinc	591.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28111	68111	Zinc	580.3091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28112	68111	Zinc	124.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28114	68111	Zinc	232.9065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28119	68111	Zinc	207.0609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28121	68111	Zinc	222.9029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28122	68111	Zinc	462.1349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28125	68111	Zinc	274.247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28126	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28128	68111	Zinc	284.8825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28129	68111	Zinc	144.1913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28131	68111	Zinc	1025.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28133	68111	Zinc	226.5964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28135	68111	Zinc	296.8263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28138	68111	Zinc	1085.571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28139	68111	Zinc	116.3343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28140	68111	Zinc	102.7796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28141	68111	Zinc	329.5961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28142	68111	Zinc	235.3095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28143	68111	Zinc	789.3879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28144	68111	Zinc	648.4297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28146	68111	Zinc	204.4532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28147	68111	Zinc	299.1581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28148	68111	Zinc	151.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28149	68111	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28153	68111	Zinc	185.1224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28154	68111	Zinc	172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28156	68111	Zinc	222.6626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28157	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28159	68111	Zinc	112.5429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28160	68111	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28162	68111	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28169	68111	Zinc	209.1969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28170	68111	Zinc	413.6121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28172	68111	Zinc	227.0058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28174	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28176	68111	Zinc	1014.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28177	68111	Zinc	323.197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28179	68111	Zinc	114.5988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28181	68111	Zinc	166.7261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28182	68111	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28185	68111	Zinc	185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28186	68111	Zinc	132.4522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28187	68111	Zinc	882.829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28188	68111	Zinc	412.4106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28190	68111	Zinc	535.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28191	68111	Zinc	349.5321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28193	68111	Zinc	458.9576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28196	68111	Zinc	270.9184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28197	68111	Zinc	538.9864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28202	68111	Zinc	1224.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28204	68111	Zinc	595.6616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28206	68111	Zinc	819.7458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28212	68111	Zinc	344.0853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28216	68111	Zinc	352.9853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28217	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28218	68111	Zinc	614.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28219	68111	Zinc	389.7512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28220	68111	Zinc	530.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28222	68111	Zinc	494.255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28223	68111	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28227	68111	Zinc	264.8041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28228	68111	Zinc	372.948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28236	68111	Zinc	522.1921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28237	68111	Zinc	315.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28241	68111	Zinc	465.2944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28247	68111	Zinc	232.3992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28254	68111	Zinc	538.1231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28269	68111	Zinc	251.285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28270	68111	Zinc	699.8361	3.00E-01	--	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
28288	68111	Zinc	181.1174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28289	68111	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28291	68111	Zinc	288.7718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28294	68111	Zinc	188.1751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28295	68111	Zinc	745.0392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28296	68111	Zinc	576.5622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28297	68111	Zinc	198.7216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28299	68111	Zinc	293.3286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28300	68111	Zinc	539.556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28301	68111	Zinc	420.0201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28302	68111	Zinc	119.2802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28303	68111	Zinc	368.854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28305	68111	Zinc	138.166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28307	68111	Zinc	699.9607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28308	68111	Zinc	313.3002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28310	68111	Zinc	159.6684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28311	68111	Zinc	210.6476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28312	68111	Zinc	483.7886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28313	68111	Zinc	360.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28314	68111	Zinc	303.5636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28315	68111	Zinc	190.8006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28316	68111	Zinc	304.2133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28317	68111	Zinc	154.4352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28318	68111	Zinc	380.513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28319	68111	Zinc	205.3254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28320	68111	Zinc	159.7485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28321	68111	Zinc	169.2537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28322	68111	Zinc	174.0953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28324	68111	Zinc	304.863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28327	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28329	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28330	68111	Zinc	253.866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28331	68111	Zinc	534.0647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28333	68111	Zinc	312.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28338	68111	Zinc	267.1181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28344	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28346	68111	Zinc	473.2065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28348	68111	Zinc	608.0593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28353	68111	Zinc	453.404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28356	68111	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28359	68111	Zinc	199.5048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28361	68111	Zinc	385.8619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28364	68111	Zinc	482.8007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28366	68111	Zinc	185.8878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28367	68111	Zinc	219.067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28368	68111	Zinc	181.7226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28371	68111	Zinc	223.8908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28372	68111	Zinc	227.9759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28373	68111	Zinc	611.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
28375	68111	Zinc	320.0375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28377	68111	Zinc	431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28379	68111	Zinc	385.0609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28382	68111	Zinc	457.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28383	68111	Zinc	387.5529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28384	68111	Zinc	345.2245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28385	68111	Zinc	247.9475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28386	68111	Zinc	202.068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28389	68111	Zinc	320.5537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28390	68111	Zinc	325.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28395	68111	Zinc	103.0021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28397	68111	Zinc	470.0559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28398	68111	Zinc	347.494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28402	68111	Zinc	169.1113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28406	68111	Zinc	149.2287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28407	68111	Zinc	116.717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28408	68111	Zinc	513.9062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28411	68111	Zinc	471.4176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28412	68111	Zinc	169.1024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28413	68111	Zinc	306.1179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28416	68111	Zinc	428.0657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28417	68111	Zinc	370	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28419	68111	Zinc	206.7494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28420	68111	Zinc	370.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28422	68111	Zinc	203.3763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28423	68111	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28424	68111	Zinc	678.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28426	68111	Zinc	349.2918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28427	68111	Zinc	139.8926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28429	68111	Zinc	179.2039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28430	68111	Zinc	431.8927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28432	68111	Zinc	270.0996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28434	68111	Zinc	213.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28435	68111	Zinc	304.0264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28436	68111	Zinc	171.7724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28437	68111	Zinc	262.4011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28448	68111	Zinc	435.9155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28457	68111	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28462	68111	Zinc	714.619	3.00E-01	--	3.00E-01

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
28495	68111	Zinc	365.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28497	68111	Zinc	159.1878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28499	68111	Zinc	341.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28500	68111	Zinc	224.5138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28503	68111	Zinc	346.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28504	68111	Zinc	362.9622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28505	68111	Zinc	295.1264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28506	68111	Zinc	270.5268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28507	68111	Zinc	171.5499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28508	68111	Zinc	588.4348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28510	68111	Zinc	592.8759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28512	68111	Zinc	350.1284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28515	68111	Zinc	423.8649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28517	68111	Zinc	216.4148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28518	68111	Zinc	161.6709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28519	68111	Zinc	216.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28521	68111	Zinc	352.5937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28528	68111	Zinc	248.1611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28529	68111	Zinc	340.8101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28531	68111	Zinc	401.8997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28533	68111	Zinc	252.8514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28534	68111	Zinc	218.1414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28535	68111	Zinc	520.8393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28536	68111	Zinc	211.5999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28537	68111	Zinc	451.9444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28538	68111	Zinc	160.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28539	68111	Zinc	686.6196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28540	68111	Zinc	263.8429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28541	68111	Zinc	138.9314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28542	68111	Zinc	300.3952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28543	68111	Zinc	210.2916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28544	68111	Zinc	328.1988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28547	68111	Zinc	144.3871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28549	68111	Zinc	298.1346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28551	68111	Zinc	103.3403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28552	68111	Zinc	281.0555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28553	68111	Zinc	399.7459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28554	68111	Zinc	466.1132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28555	68111	Zinc	172.8582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28556	68111	Zinc	107.8526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28557	68111	Zinc	126.3201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28558	68111	Zinc	178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28559	68111	Zinc	153.8122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28560	68111	Zinc	141.5658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28561	68111	Zinc	133.2087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28563	68111	Zinc	447.5567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28565	68111	Zinc	272.8764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28568	68111	Zinc	200.1278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28569	68111	Zinc	348.6955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28570	68111	Zinc	99.5934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
28571	68111	Zinc	218.8979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28573	68111	Zinc	222.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28575	68111	Zinc	265.9789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28581	68111	Zinc	123.3564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28583	68111	Zinc	498.8118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28586	68111	Zinc	226.721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28587	68111	Zinc	362.3748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28589	68111	Zinc	194.8323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28594	68111	Zinc	467.4037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28597	68111	Zinc	551.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28598	68111	Zinc	177.504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28599	68111	Zinc	289.2524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28601	68111	Zinc	457.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28602	68111	Zinc	181.9896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28604	68111	Zinc	248.4904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28606	68111	Zinc	658.1663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28607	68111	Zinc	361.6895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28608	68111	Zinc	414.2262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28609	68111	Zinc	423.6958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28610	68111	Zinc	251.8546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28611	68111	Zinc	247.2533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28612	68111	Zinc	669.7808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28613	68111	Zinc	203.403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28614	68111	Zinc	274.158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28615	68111	Zinc	360.6927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28616	68111	Zinc	281.5806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28618	68111	Zinc	287.2766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28621	68111	Zinc	216.7174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28622	68111	Zinc	237.5434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28623	68111	Zinc	417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28625	68111	Zinc	273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28626	68111	Zinc	399.8082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28627	68111	Zinc	318.0617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28628	68111	Zinc	235.2561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28629	68111	Zinc	391.4689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28630	68111	Zinc	509.7143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28631	68111	Zinc	270.7849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28632	68111	Zinc	346.6396

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
28655	68111	Zinc	344.0586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28656	68111	Zinc	207.4881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28659	68111	Zinc	144.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28661	68111	Zinc	215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28665	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28668	68111	Zinc	228.8481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28671	68111	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28675	68111	Zinc	285.6746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28677	68111	Zinc	412.3483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28679	68111	Zinc	169.4406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28685	68111	Zinc	273.2235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28688	68111	Zinc	282.0968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28690	68111	Zinc	127.4949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28691	68111	Zinc	304.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28692	68111	Zinc	208.4137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28694	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28709	68111	Zinc	404.9524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28712	68111	Zinc	741.0253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28713	68111	Zinc	200	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28716	68111	Zinc	299.5052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28720	68111	Zinc	799.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28722	68111	Zinc	215.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28723	68111	Zinc	463.6924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28725	68111	Zinc	221.9328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28728	68111	Zinc	144.0044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28730	68111	Zinc	222.2443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28732	68111	Zinc	228.7324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28735	68111	Zinc	392.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28736	68111	Zinc	269.441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28737	68111	Zinc	358.886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28739	68111	Zinc	198.4368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28741	68111	Zinc	208.5116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28744	68111	Zinc	191.2545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28745	68111	Zinc	126.9876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28746	68111	Zinc	205.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28747	68111	Zinc	207.1944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28748	68111	Zinc	163.9849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28749	68111	Zinc	283.8145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28750	68111	Zinc	295.1976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28752	68111	Zinc	287.0541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28753	68111	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28755	68111	Zinc	505.0329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28757	68111	Zinc	422.5922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28758	68111	Zinc	287.8284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28759	68111	Zinc	103.6429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28760	68111	Zinc	404.0535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28762	68111	Zinc	257.8799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28763	68111	Zinc	85.6738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
28764	68111	Zinc	267.1537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28766	68111	Zinc	290.3382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28767	68111	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28770	68111	Zinc	337.3569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28772	68111	Zinc	226.7566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28773	68111	Zinc	247.1821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28775	68111	Zinc	184.2591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28776	68111	Zinc	208.5561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28777	68111	Zinc	216.7886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28778	68111	Zinc	207.5148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28781	68111	Zinc	937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28782	68111	Zinc	277.5489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28784	68111	Zinc	111.133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28785	68111	Zinc	357.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28786	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28787	68111	Zinc	534.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
28790	68111	Zinc	262.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28792	68111	Zinc	227.433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28793	68111	Zinc	251.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28796	68111	Zinc	368.7917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28798	68111	Zinc	360.3011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28799	68111	Zinc	364.1459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28800	68111	Zinc	238.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28804	68111	Zinc	384.5358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28806	68111	Zinc	399.1496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28809	68111	Zinc	284.4464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28810	68111	Zinc	318.3376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28811	68111	Zinc	292.6077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28814	68111	Zinc	196.5589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28816	68111	Zinc	154.9781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28818	68111	Zinc	266.1124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28819	68111	Zinc	238.9674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28821	68111	Zinc	129.1681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28822	68111	Zinc	191.4681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28825	68111	Zinc	254.5691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28826	68111	Zinc	252.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28829	68111	Zinc	344.0586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28831	68111	Zinc	381.6166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28834	68111	Zinc	197.974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28835	68111	Zinc	325.1461	3.00E-01	--	3.00

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
28853	68111	Zinc	191.3524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28854	68111	Zinc	175.7329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28856	68111	Zinc	309.7224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28858	68111	Zinc	109.9174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28864	68111	Zinc	218.8089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28870	68111	Zinc	220.9271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28871	68111	Zinc	315.1336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28872	68111	Zinc	268.0081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28874	68111	Zinc	197.9562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28875	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28877	68111	Zinc	417.1454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28878	68111	Zinc	166.6638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28880	68111	Zinc	200.5461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28881	68111	Zinc	956.254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
28882	68111	Zinc	244.0493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28884	68111	Zinc	220.9983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28885	68111	Zinc	174.9675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28889	68111	Zinc	177.3705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28892	68111	Zinc	419.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28893	68111	Zinc	362.8287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28895	68111	Zinc	167.1266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28896	68111	Zinc	519.2106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28900	68111	Zinc	315.5786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28901	68111	Zinc	344.8151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28904	68111	Zinc	285.2207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28909	68111	Zinc	252.0593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28911	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28913	68111	Zinc	328.8396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28914	68111	Zinc	231.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28917	68111	Zinc	260.6656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28920	68111	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28922	68111	Zinc	196.2919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28927	68111	Zinc	365.9971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28928	68111	Zinc	299.7544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28930	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28933	68111	Zinc	241.1657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28935	68111	Zinc	234.0813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28936	68111	Zinc	244.8236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28939	68111	Zinc	262.4367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28942	68111	Zinc	393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28943	68111	Zinc	330.9222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28945	68111	Zinc	481.1097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
28946	68111	Zinc	522.1031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
28947	68111	Zinc	391.6024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28949	68111	Zinc	666.2297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28950	68111	Zinc	196.5945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28951	68111	Zinc	215.6939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28954	68111	Zinc	162.997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28955	68111	Zinc	448.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
28956	68111	Zinc	271.1587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28957	68111	Zinc	313.6028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28958	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28959	68111	Zinc	586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
28960	68111	Zinc	288.7362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28961	68111	Zinc	201.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28963	68111	Zinc	253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28964	68111	Zinc	222.1019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28965	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28966	68111	Zinc	361.2623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28967	68111	Zinc	299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28968	68111	Zinc	154.453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28969	68111	Zinc	1510.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
28970	68111	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28972	68111	Zinc	354.6674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
28973	68111	Zinc	650.0228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
28976	68111	Zinc	331.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
28978	68111	Zinc	201.8811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28979	68111	Zinc	228.6345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28980	68111	Zinc	394.2635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
28983	68111	Zinc	151.1333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28984	68111	Zinc	288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
28985	68111	Zinc	143.773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
28988	68111	Zinc	190.4446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28989	68111	Zinc	159.7307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28991	68111	Zinc	272.6539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
28992	68111	Zinc	219.0314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28993	68111	Zinc	193.5329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
28994	68111	Zinc	222.2977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
28996	68111	Zinc	431.5456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
28997	68111	Zinc	157.2921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
28998	68111	Zinc	255.9219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29001	68111	Zinc	358.5745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29002	68111	Zinc	164.9194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29003	68111	Zinc	191.9398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29004	68111	Zinc	175.813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29008	68111	Zinc	434.7585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29009	68111	Zinc	334.5801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29013	68111	Zinc	189.3766	3.00E-01	--	3.00

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29039	68111	Zinc	319.8417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29041	68111	Zinc	299.5141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29046	68111	Zinc	158.5381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29054	68111	Zinc	518.3117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29056	68111	Zinc	192.6963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29061	68111	Zinc	299.2916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29066	68111	Zinc	444.3883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29070	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29071	68111	Zinc	514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29072	68111	Zinc	329.4626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29074	68111	Zinc	743.1346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29079	68111	Zinc	219.7612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29080	68111	Zinc	246.0785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29082	68111	Zinc	213.9406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29083	68111	Zinc	276.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29085	68111	Zinc	175.0832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29088	68111	Zinc	211.6355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29089	68111	Zinc	283.1381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29090	68111	Zinc	795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29099	68111	Zinc	213.1396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29101	68111	Zinc	487.6868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29102	68111	Zinc	209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29103	68111	Zinc	566.7277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29105	68111	Zinc	524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29108	68111	Zinc	162.2494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29109	68111	Zinc	177.2014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29111	68111	Zinc	226.9346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29114	68111	Zinc	355.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29116	68111	Zinc	635.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29118	68111	Zinc	220.5533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29119	68111	Zinc	298.4283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29122	68111	Zinc	1325.782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29123	68111	Zinc	208.4938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29127	68111	Zinc	394.4237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29128	68111	Zinc	329.9699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29133	68111	Zinc	534.4919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29136	68111	Zinc	245.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29138	68111	Zinc	310.7459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29139	68111	Zinc	173.6325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29140	68111	Zinc	455.1217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29142	68111	Zinc	250.1903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29143	68111	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29144	68111	Zinc	151.783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29145	68111	Zinc	156.3042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29146	68111	Zinc	229.302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29149	68111	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29150	68111	Zinc	332.7467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29152	68111	Zinc	357.106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29153	68111	Zinc	466.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29155	68111	Zinc	185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29157	68111	Zinc	209.8822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29160	68111	Zinc	133.6804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29162	68111	Zinc	437.4819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29163	68111	Zinc	420.5274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29165	68111	Zinc	663.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29167	68111	Zinc	915.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29168	68111	Zinc	141.3255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29169	68111	Zinc	777.8001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29171	68111	Zinc	168.2124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29172	68111	Zinc	267.1982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29173	68111	Zinc	176.1286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29174	68111	Zinc	214.1097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29175	68111	Zinc	255.824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29176	68111	Zinc	151.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29177	68111	Zinc	556.1011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29178	68111	Zinc	383.9128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29179	68111	Zinc	126.329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29180	68111	Zinc	187.4275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29181	68111	Zinc	638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29182	68111	Zinc	413.1938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29183	68111	Zinc	215.0531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29184	68111	Zinc	234.9891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29185	68111	Zinc	580.2023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
29186	68111	Zinc	310.5323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29187	68111	Zinc	155.9838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29189	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29190	68111	Zinc	792.3872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29191	68111	Zinc	174.1843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29195	68111	Zinc	149.1931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29198	68111	Zinc	252.8781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29200	68111	Zinc	1533.063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29201	68111	Zinc	236.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29204	68111	Zinc	302.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29205	68111	Zinc	1594.651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
29206	68111	Zinc	307.2037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29208	68111	Zinc	184.0277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29209	68111	Zinc	272.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29211	68111	Zinc	121.4073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29242	68111	Zinc	474.8708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29243	68111	Zinc	130.4675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29244	68111	Zinc	231.4291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29245	68111	Zinc	542.7422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29246	68111	Zinc	259.4908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29247	68111	Zinc	153.5274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29248	68111	Zinc	291.1214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29250	68111	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29251	68111	Zinc	469.1214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29252	68111	Zinc	249.0244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29253	68111	Zinc	504.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29254	68111	Zinc	168.4171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29255	68111	Zinc	213.8249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29258	68111	Zinc	253.8482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29259	68111	Zinc	308.0136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29261	68111	Zinc	192.1178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29262	68111	Zinc	156.1529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29263	68111	Zinc	205.3877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29264	68111	Zinc	214.4924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29265	68111	Zinc	185.1491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29268	68111	Zinc	307.3817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29270	68111	Zinc	280.6817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29272	68111	Zinc	174.7183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29274	68111	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29279	68111	Zinc	175.9198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29280	68111	Zinc	312.3568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29281	68111	Zinc	530.7005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29285	68111	Zinc	232.5505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29286	68111	Zinc	165.3377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29291	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29293	68111	Zinc	793.8201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29294	68111	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29299	68111	Zinc	138.0681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29300	68111	Zinc	169.3071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29301	68111	Zinc	240.9788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29302	68111	Zinc	338.9589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29304	68111	Zinc	154.9603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29306	68111	Zinc	175.9643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29308	68111	Zinc	290.4005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29309	68111	Zinc	322.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29311	68111	Zinc	451.9088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29313	68111	Zinc	279.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29314	68111	Zinc	661.5572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29316	68111	Zinc	228.0115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29317	68111	Zinc	383.0584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29318	68111	Zinc	152.4772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29321	68111	Zinc	340.1248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29322	68111	Zinc	263.6471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29325	68111	Zinc	328.5103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29328	68111	Zinc	238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29331	68111	Zinc	242.4562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29333	68111	Zinc	155.6367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29334	68111	Zinc	150.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29335	68111	Zinc	263.0597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29336	68111	Zinc	190.7116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29337	68111	Zinc	283.9302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29339	68111	Zinc	348.473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29342	68111	Zinc	333.3341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29343	68111	Zinc	286.4222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29344	68111	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29349	68111	Zinc	292.7234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29351	68111	Zinc	224.6562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29354	68111	Zinc	304.2044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29355	68111	Zinc	216.6551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29357	68111	Zinc	187.4987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29358	68111	Zinc	278.9818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29362	68111	Zinc	281.1089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29364	68111	Zinc	361.2623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29366	68111	Zinc	132.2386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29368	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29370	68111	Zinc	134.6772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29373	68111	Zinc	137.9435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29375	68111	Zinc	155.343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29377	68111	Zinc	262.0273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29378	68111	Zinc	114.7946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29379	68111	Zinc	152.4416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29380	68111	Zinc	334.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29381	68111	Zinc	169.8767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29383	68111	Zinc	147.9471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29384	68111	Zinc	141.5658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29385	68111	Zinc	301.8815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29386	68111	Zinc	149.3711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29391	68111	Zinc	223.8552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29394	68111	Zinc	251.7745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29395	68111	Zinc	252.1483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29396	68111	Zinc	187.0092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29397	68111	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29400	68111	Zinc	394.3258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29416	68111	Zinc	138.2995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29417	68111	Zinc	144.8143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29418	68111	Zinc	365.0448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29419	68111	Zinc	1059.494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29420	68111	Zinc	233.6096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29425	68111	Zinc	312.3479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29428	68111	Zinc	140.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29429	68111	Zinc	464.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29430	68111	Zinc	185.3093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29431	68111	Zinc	538.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29432	68111	Zinc	261.6713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29433	68111	Zinc	278.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29434	68111	Zinc	257.3192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29436	68111	Zinc	226.3116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29438	68111	Zinc	628.9298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29440	68111	Zinc	519.9849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29441	68111	Zinc	826.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29442	68111	Zinc	153.6075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29444	68111	Zinc	125.4657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29445	68111	Zinc	294.5123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29446	68111	Zinc	261.4399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29449	68111	Zinc	643.3745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29450	68111	Zinc	127.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29451	68111	Zinc	264.012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29454	68111	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29455	68111	Zinc	420.6876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29456	68111	Zinc	332.5242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29457	68111	Zinc	342.3587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29459	68111	Zinc	571.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
29460	68111	Zinc	320.6427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29461	68111	Zinc	849.3294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29462	68111	Zinc	215.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29463	68111	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29464	68111	Zinc	383.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29465	68111	Zinc	877.3555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29466	68111	Zinc	459.4738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29467	68111	Zinc	338.3626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29469	68111	Zinc	494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29470	68111	Zinc	1086.105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29471	68111	Zinc	1004.759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
29472	68111	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29475	68111	Zinc	350.7692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29477	68111	Zinc	428.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29479	68111	Zinc	204.8181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29480	68111	Zinc	165.6759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29483	68111	Zinc	438.452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29484	68111	Zinc	524.3993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29487	68111	Zinc	316.9047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29488	68111	Zinc	480.8516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29489	68111	Zinc	202.5308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29490	68111	Zinc	549.3727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29491	68111	Zinc	397.0492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29492	68111	Zinc	269.5834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29495	68111	Zinc	668.428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29497	68111	Zinc	173.0273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29498	68111	Zinc	229.2308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29499	68111	Zinc	188.3086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29501	68111	Zinc	832.4995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29502	68111	Zinc	361.3424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29504	68111	Zinc	223.6238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29507	68111	Zinc	229.1151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29512	68111	Zinc	246.924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29514	68111	Zinc	293.8003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29517	68111	Zinc	719.6386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29520	68111	Zinc	401.1966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29523	68111	Zinc	297.3336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29525	68111	Zinc	333.788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29526	68111	Zinc	441.9853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29531	68111	Zinc	251.1515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29535	68111	Zinc	317.7858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29537	68111	Zinc	240.9254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29540	68111	Zinc	449.2922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29541	68111	Zinc	323.6598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29543	68111	Zinc	265.7119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29546	68111	Zinc	306.554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29547	68111	Zinc	351.1074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29548	68111	Zinc	202.5842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29551	68111	Zinc	658.8516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29552	68111	Zinc	369.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29555	68111	Zinc	175.0743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29556	68111	Zinc	375.4756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29557	68111	Zinc	243.8535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29558	68111	Zinc	267.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29559	68111	Zinc	1145.735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29560	68111	Zinc	366.6824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29561	68111	Zinc	166.2811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29562	68111	Zinc	291.691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29563	68111	Zinc	225.0478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
29577	68111	Zinc	324.0336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29578	68111	Zinc	373.6511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29579	68111	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29580	68111	Zinc	681.9293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29582	68111	Zinc	120.0456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29583	68111	Zinc	460.6041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29588	68111	Zinc	179.0348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29589	68111	Zinc	726.4738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29592	68111	Zinc	246.9062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29594	68111	Zinc	122.8313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29596	68111	Zinc	535.4798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29597	68111	Zinc	625.3431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29598	68111	Zinc	232.8442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29600	68111	Zinc	304.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29602	68111	Zinc	275.9113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29604	68111	Zinc	484.2247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29606	68111	Zinc	265.8098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29607	68111	Zinc	317.8926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29608	68111	Zinc	380.6109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29612	68111	Zinc	443.1245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29613	68111	Zinc	288.1933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29615	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29616	68111	Zinc	253.332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29617	68111	Zinc	264.2256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29618	68111	Zinc	200.6262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29620	68111	Zinc	787.5812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29622	68111	Zinc	358.263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29623	68111	Zinc	275.582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29624	68111	Zinc	485.5953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29625	68111	Zinc	296.4792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29626	68111	Zinc	231.7673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29627	68111	Zinc	594.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
29630	68111	Zinc	209.6597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29631	68111	Zinc	275.8579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29632	68111	Zinc	378.8309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29633	68111	Zinc	692.8318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29638	68111	Zinc	369.7796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29641	68111	Zinc	329.3469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29643	68111	Zinc	349.2206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29644	68111	Zinc	221.3187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29646	68111	Zinc	162.5609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29648	68111	Zinc	360.755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29649	68111	Zinc	514.725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29650	68111	Zinc	442.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29652	68111	Zinc	191.2812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29654	68111	Zinc	432.8539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29655	68111	Zinc	411.0311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29656	68111	Zinc	319.8239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29658	68111	Zinc	349.1138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29660	68111	Zinc	477.5853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29661	68111	Zinc	258.1113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29662	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29664	68111	Zinc	543.4008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29666	68111	Zinc	182.3634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29667	68111	Zinc	95.5973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
29668	68111	Zinc	198.4101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29670	68111	Zinc	130.9481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29671	68111	Zinc	314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29672	68111	Zinc	339.1903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29673	68111	Zinc	468.4984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29675	68111	Zinc	269.174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29677	68111	Zinc	228.857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29678	68111	Zinc	433.6015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29680	68111	Zinc	320.0286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29682	68111	Zinc	364.4663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29683	68111	Zinc	191.0765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29684	68111	Zinc	336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29688	68111	Zinc	324.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29689	68111	Zinc	386.1734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29690	68111	Zinc	367.1363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29694	68111	Zinc	223.4903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29695	68111	Zinc	210.5942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29697	68111	Zinc	423.2152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29699	68111	Zinc	337.8464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29700	68111	Zinc	249.861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29703	68111	Zinc	339.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29704	68111	Zinc	151.2401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29705	68111	Zinc	216.2724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29706	68111	Zinc	386.1289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29707	68111	Zinc	408.2454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29709	68111	Zinc	690.7492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29710	68111	Zinc	393.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29712	68111	Zinc	318.302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29713	68111	Zinc	532.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
29714	68111	Zinc	413.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29715	68111	Zinc	329.6762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29717	68111	Zinc	616.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
29720	68111	Zinc	279.4357	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29760	68111	Zinc	205.806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29764	68111	Zinc	447.8059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29769	68111	Zinc	282.8266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29770	68111	Zinc	393.3557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29771	68111	Zinc	1206.166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29772	68111	Zinc	277.2819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29775	68111	Zinc	208.7341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29777	68111	Zinc	323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29779	68111	Zinc	519.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29780	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29781	68111	Zinc	209.7309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29783	68111	Zinc	237.2141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29784	68111	Zinc	215.4536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29785	68111	Zinc	290.9612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29787	68111	Zinc	184.3392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29788	68111	Zinc	275.7333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29790	68111	Zinc	316.166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29791	68111	Zinc	163.5043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29792	68111	Zinc	329.4715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29793	68111	Zinc	643.8907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29794	68111	Zinc	248.348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29797	68111	Zinc	439.6179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29798	68111	Zinc	223.5081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29800	68111	Zinc	241.228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29801	68111	Zinc	526.4018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29803	68111	Zinc	150.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29804	68111	Zinc	203.7234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29806	68111	Zinc	145.642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29807	68111	Zinc	352.0775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29808	68111	Zinc	294.0762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29809	68111	Zinc	228.7591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29811	68111	Zinc	201.8544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29814	68111	Zinc	217.554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29815	68111	Zinc	294.9039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29816	68111	Zinc	212.8726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29817	68111	Zinc	702.337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29818	68111	Zinc	169.7432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29819	68111	Zinc	195.4553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29820	68111	Zinc	312.7306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29821	68111	Zinc	306.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29823	68111	Zinc	196.2029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29824	68111	Zinc	171.5599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29825	68111	Zinc	380.8601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29826	68111	Zinc	342.1896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29827	68111	Zinc	1214.443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29829	68111	Zinc	295.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29831	68111	Zinc	335.924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29832	68111	Zinc	360.844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29835	68111	Zinc	247.8407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29837	68111	Zinc	157.3366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29839	68111	Zinc	150.4302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29840	68111	Zinc	131.8203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29842	68111	Zinc	237.9973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29845	68111	Zinc	437.6599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29848	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29849	68111	Zinc	258.1202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29851	68111	Zinc	737.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29855	68111	Zinc	398.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29857	68111	Zinc	167.3135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29859	68111	Zinc	169.5118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29860	68111	Zinc	194.5386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29861	68111	Zinc	309.0549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29864	68111	Zinc	320.3935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29867	68111	Zinc	169.0668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29871	68111	Zinc	142.8741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29881	68111	Zinc	1422.258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
29889	68111	Zinc	652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29890	68111	Zinc	995.503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
29891	68111	Zinc	259.918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29893	68111	Zinc	480.7359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29895	68111	Zinc	863.3647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29896	68111	Zinc	179.8447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29897	68111	Zinc	875.4331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29898	68111	Zinc	268.5243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29904	68111	Zinc	422.5655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29905	68111	Zinc	399.2386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29907	68111	Zinc	451.001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
29910	68111	Zinc	242.1714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29912	68111	Zinc	181.0373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29915	68111	Zinc	247.5737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29918	68111	Zinc	407.9072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
29919	68111	Zinc	195.6867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29922	68111	Zinc	152.3437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29923	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29926	68111	Zinc	275.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29927	68111	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29928	68111	Zinc	163.3708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29930	68111	Zinc	301.1072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
29954	68111	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29956	68111	Zinc	470.7857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29960	68111	Zinc	321.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29961	68111	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29962	68111	Zinc	510.3195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
29963	68111	Zinc	313.3269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29964	68111	Zinc	287.152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29965	68111	Zinc	171.6033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29966	68111	Zinc	367.7504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
29967	68111	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29968	68111	Zinc	127.5483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
29969	68111	Zinc	296.408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
29970	68111	Zinc	179.8091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29973	68111	Zinc	157.1586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29974	68111	Zinc	312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29975	68111	Zinc	331.9101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29977	68111	Zinc	378.7953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
29978	68111	Zinc	245.7314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29980	68111	Zinc	279.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29981	68111	Zinc	252.3174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29982	68111	Zinc	314.1902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29983	68111	Zinc	194.6276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29984	68111	Zinc	255.3523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29986	68111	Zinc	334.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29988	68111	Zinc	157.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
29990	68111	Zinc	328.1276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29991	68111	Zinc	477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
29992	68111	Zinc	261.1106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29993	68111	Zinc	241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29994	68111	Zinc	179.5599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
29995	68111	Zinc	259.3039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
29996	68111	Zinc	326.846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
29998	68111	Zinc	229.124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
29999	68111	Zinc	621.4894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30001	68111	Zinc	260.6211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30002	68111	Zinc	299.3005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30004	68111	Zinc	122.7156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30005	68111	Zinc	319.6726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30007	68111	Zinc	197.0395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30008	68111	Zinc	349.1316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30012	68111	Zinc	608.4064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30014	68111	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30019	68111	Zinc	517.2259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30021	68111	Zinc	173.3121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30029	68111	Zinc	220.402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30032	68111	Zinc	634.8038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30036	68111	Zinc	401.7662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30039	68111	Zinc	607.1782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30041	68111	Zinc	328.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30042	68111	Zinc	531.0743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30044	68111	Zinc	423.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30045	68111	Zinc	337.4192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30048	68111	Zinc	268.0437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30050	68111	Zinc	283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30052	68111	Zinc	296.7373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30054	68111	Zinc	128.9901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30058	68111	Zinc	287.3033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30060	68111	Zinc	198.2054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30062	68111	Zinc	315.0357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30063	68111	Zinc	422.6278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30065	68111	Zinc	501.4106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30067	68111	Zinc	706.0038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30068	68111	Zinc	526.8735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30070	68111	Zinc	337.3569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30071	68111	Zinc	428.5997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30072	68111	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30074	68111	Zinc	463.5678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30075	68111	Zinc	261.3776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30076	68111	Zinc	192.0822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30077	68111	Zinc	182.7105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30078	68111	Zinc	384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30080	68111	Zinc	197.0395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30081	68111	Zinc	226.0446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30082	68111	Zinc	151.3113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30083	68111	Zinc	173.9262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30084	68111	Zinc	612.9009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30085	68111	Zinc	294.5657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30086	68111	Zinc	229.8627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30087	68111	Zinc	121.3005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30088	68111	Zinc	509.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30089	68111	Zinc	394.6373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30090	68111	Zinc	350.6802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30091	68111	Zinc	212.4543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30092	68111	Zinc	447.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30094	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30095	68111	Zinc	539.3068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30109	68111	Zinc	264.8575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30111	68111	Zinc	149.558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30131	68111	Zinc	370.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30132	68111	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30133	68111	Zinc	547.6906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30135	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30136	68111	Zinc	304.4536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30139	68111	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30141	68111	Zinc	248.6417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30143	68111	Zinc	347.9479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30144	68111	Zinc	317.6078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30145	68111	Zinc	365.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30146	68111	Zinc	432.4445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30147	68111	Zinc	168.5506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30150	68111	Zinc	353.6884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30153	68111	Zinc	143.4704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30154	68111	Zinc	245.5534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30155	68111	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30156	68111	Zinc	360.8974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30158	68111	Zinc	180.6991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30159	68111	Zinc	140.7915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30161	68111	Zinc	225.5195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30164	68111	Zinc	194.2182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30166	68111	Zinc	211.9025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30167	68111	Zinc	232.4526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30168	68111	Zinc	122.0392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30169	68111	Zinc	127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30171	68111	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30173	68111	Zinc	170.7667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30174	68111	Zinc	177.9935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30175	68111	Zinc	452.8166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30176	68111	Zinc	346.4794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30177	68111	Zinc	357.3285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30179	68111	Zinc	250.9201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30180	68111	Zinc	2337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
30182	68111	Zinc	182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30184	68111	Zinc	333.5833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30185	68111	Zinc	153.474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30187	68111	Zinc	401.4725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30188	68111	Zinc	214.0207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30190	68111	Zinc	186.4218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30192	68111	Zinc	297.7341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30195	68111	Zinc	261.9027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30198	68111	Zinc	675.103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30201	68111	Zinc	339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30204	68111	Zinc	674.7826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30208	68111	Zinc	226.4807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30209	68111	Zinc	406.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30211	68111	Zinc	1587.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
30212	68111	Zinc	232.7908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30219	68111	Zinc	671.0802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30220	68111	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30221	68111	Zinc	197.7248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30222	68111	Zinc	221.9862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30224	68111	Zinc	240.5783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30225	68111	Zinc	734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30226	68111	Zinc	365.8369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30227	68111	Zinc	242.2693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30230	68111	Zinc	950.113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
30231	68111	Zinc	540.0277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30233	68111	Zinc	244.5032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30234	68111	Zinc	169.8055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30235	68111	Zinc	244.4587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30236	68111	Zinc	718.713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30237	68111	Zinc	238.8428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30238	68111	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30239	68111	Zinc	362.268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30240	68111	Zinc	255.2455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30241	68111	Zinc	297.7608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30242	68111	Zinc	336.4758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30243	68111	Zinc	312.5348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30244	68111	Zinc	287.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30246	68111	Zinc	348.6599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30249	68111	Zinc	232.3102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30251	68111	Zinc	191.3435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30252	68111	Zinc	153.3138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30253	68111	Zinc	687.3049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30254	68111	Zinc	141.6637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30256	68111	Zinc	174.7361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30257	68111	Zinc	298.9089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30258	68111	Zinc	217.9901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30259	68111	Zinc	293.9249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30261	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30262	68111	Zinc	272.823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30267	68111	Zinc	320.3757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30268	68111	Zinc	318.3376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30272	68111	Zinc	135.1934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30273	68111	Zinc	244.3875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30274	68111	Zinc	178.661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30275	68111	Zinc	421.0792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30297	68111	Zinc	463.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30298	68111	Zinc	116.6369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30299	68111	Zinc	91.085	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30300	68111	Zinc	428.8311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30304	68111	Zinc	429.5787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30312	68111	Zinc	290.0712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30319	68111	Zinc	114.937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30320	68111	Zinc	337.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30325	68111	Zinc	397.5476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30329	68111	Zinc	412.7399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30333	68111	Zinc	294.8149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30338	68111	Zinc	192.1178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30339	68111	Zinc	167.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30345	68111	Zinc	659.1809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30346	68111	Zinc	126.0264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30347	68111	Zinc	163.3263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30350	68111	Zinc	182.6571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30354	68111	Zinc	225.2792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30355	68111	Zinc	226.4807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30358	68111	Zinc	182.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30360	68111	Zinc	159.7218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30361	68111	Zinc	185.603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30362	68111	Zinc	289.8042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30366	68111	Zinc	229.035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30367	68111	Zinc	298.4461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30374	68111	Zinc	350.0127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30379	68111	Zinc	173.0095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30382	68111	Zinc	114.5276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30383	68111	Zinc	159.6951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30384	68111	Zinc	481.4034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30387	68111	Zinc	516.6296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30391	68111	Zinc	364.1993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30392	68111	Zinc	216.7263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30396	68111	Zinc	393.0976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30398	68111	Zinc	140.3198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30399	68111	Zinc	216.6907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30404	68111	Zinc	160.5673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30406	68111	Zinc	156.5712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30408	68111	Zinc	362.6952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30412	68111	Zinc	191.2545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30413	68111	Zinc	533.059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30415	68111	Zinc	114.3229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30416	68111	Zinc	178.483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30417	68111	Zinc	401.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30418	68111	Zinc	537.2153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30419	68111	Zinc	570.2076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
30420	68111	Zinc	1010	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30421	68111	Zinc	348.8824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30425	68111	Zinc	160.1134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30426	68111	Zinc	182.7817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30427	68111	Zinc	162.819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30430	68111	Zinc	166.0408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30432	68111	Zinc	255.9308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30434	68111	Zinc	936.763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30439	68111	Zinc	333.4053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30441	68111	Zinc	425.2444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30444	68111	Zinc	564.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30445	68111	Zinc	169.2893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30447	68111	Zinc	249.2736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30448	68111	Zinc	253.7859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30449	68111	Zinc	464.7604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30450	68111	Zinc	336.6627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30451	68111	Zinc	228.3942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30452	68111	Zinc	145.197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30453	68111	Zinc	364.582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30454	68111	Zinc	296.7373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30455	68111	Zinc	171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30456	68111	Zinc	203.581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30457	68111	Zinc	327.3088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30458	68111	Zinc	145.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30460	68111	Zinc	162.4363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30461	68111	Zinc	132.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30462	68111	Zinc	274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30464	68111	Zinc	193.3994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30465	68111	Zinc	197.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30468	68111	Zinc	201.1869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30471	68111	Zinc	469.41065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30474	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30488	68111	Zinc	156.9628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30490	68111	Zinc	338.4338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30494	68111	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30496	68111	Zinc	268.3641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30497	68111	Zinc	196.8704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30501	68111	Zinc	191.566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30502	68111	Zinc	404.8189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30503	68111	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30504	68111	Zinc	795.8671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30505	68111	Zinc	438.541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
30528	68111	Zinc	491.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30531	68111	Zinc	168.1857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30534	68111	Zinc	169.583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30536	68111	Zinc	658.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30539	68111	Zinc	318.9072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30540	68111	Zinc	3084.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
30545	68111	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30547	68111	Zinc	566.4696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30549	68111	Zinc	350.787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30550	68111	Zinc	136.4127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30552	68111	Zinc	193.1591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30557	68111	Zinc	188.3175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30561	68111	Zinc	161.3327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30562	68111	Zinc	170.8379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30563	68111	Zinc	459.2958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30564	68111	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30567	68111	Zinc	168.8888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30569	68111	Zinc	371.8978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30571	68111	Zinc	218.3995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30572	68111	Zinc	327.9674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30574	68111	Zinc	234.6776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30577	68111	Zinc	175.2434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30578	68111	Zinc	314.9467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30580	68111	Zinc	194.3339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30581	68111	Zinc	225.2614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30586	68111	Zinc	179.5866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30587	68111	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30589	68111	Zinc	228.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30591	68111	Zinc	301.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30595	68111	Zinc	426.1522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30603	68111	Zinc	501.642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30605	68111	Zinc	242.296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30606	68111	Zinc	437.9803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30608	68111	Zinc	407.4355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30610	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30612	68111	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30617	68111	Zinc	784.6709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30621	68111	Zinc	194.414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30622	68111	Zinc	168.9244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30623	68111	Zinc	286.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30625	68111	Zinc	270	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30627	68111	Zinc	801.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30628	68111	Zinc	164.8304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30630	68111	Zinc	85.834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
30635	68111	Zinc	230.637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30638	68111	Zinc	158.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30639	68111	Zinc	141.993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30640	68111	Zinc	248.5972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30641	68111	Zinc	639.5742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30642	68111	Zinc	441.7361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30643	68111	Zinc	202.6198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30644	68111	Zinc	253.065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30645	68111	Zinc	373.8825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30646	68111	Zinc	247.2444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30647	68111	Zinc	345.1889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30648	68111	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30649	68111	Zinc	896.3659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30652	68111	Zinc	253.3231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30656	68111	Zinc	237.3031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30661	68111	Zinc	1242.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30662	68111	Zinc	215.0175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30664	68111	Zinc	568.6946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30666	68111	Zinc	163.887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30667	68111	Zinc	299.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30669	68111	Zinc	1322.311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30670	68111	Zinc	729.1616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30672	68111	Zinc	138.8869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30674	68111	Zinc	286.0395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30677	68111	Zinc	218.3283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30679	68111	Zinc	431.6168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30683	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30684	68111	Zinc	257.0166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30685	68111	Zinc	538.3367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30686	68111	Zinc	1217.202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30687	68111	Zinc	195.1616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30690	68111	Zinc	187.5076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30693	68111	Zinc	361.556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30694	68111	Zinc	211.9381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30695	68111	Zinc	337.4904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30697	68111	Zinc	250.217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30699	68111	Zinc	419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30700	68111	Zinc	370.5806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30701	68111	Zinc	143.4259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30703	68111	Zinc	195.7846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30704	68111	Zinc	252.7179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30707	68111	Zinc	279.854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30708	68111	Zinc	300.235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30709	68111	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30737	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30742	68111	Zinc	118.1766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30743	68111	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30744	68111	Zinc	646.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30745	68111	Zinc	390.659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30746	68111	Zinc	277.2285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30747	68111	Zinc	348.384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30750	68111	Zinc	551.0548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
30751	68111	Zinc	175.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30752	68111	Zinc	347.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30754	68111	Zinc	183.2178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30756	68111	Zinc	1065.724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
30757	68111	Zinc	267.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30761	68111	Zinc	254.5424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30762	68111	Zinc	100.4745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
30764	68111	Zinc	232.506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30767	68111	Zinc	149.5758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30768	68111	Zinc	182.1231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30770	68111	Zinc	442.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30772	68111	Zinc	348.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30773	68111	Zinc	1886.126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
30775	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30777	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30780	68111	Zinc	284.0815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30781	68111	Zinc	161.9379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30783	68111	Zinc	132.6925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30790	68111	Zinc	146.2472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30793	68111	Zinc	360.1765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30795	68111	Zinc	148.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30800	68111	Zinc	407.1774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30802	68111	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30804	68111	Zinc	308.779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30805	68111	Zinc	191.0676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30807	68111	Zinc	204.0171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30808	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30812	68111	Zinc	250.8489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30813	68111	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30814	68111	Zinc	183.5827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30816	68111	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30817	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30818	68111	Zinc	164.1273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30819	68111	Zinc	133.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30823	68111	Zinc	118.6394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30824	68111	Zinc	381.3674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30825	68111	Zinc	156.9806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30826	68111	Zinc	597.2369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
30829	68111	Zinc	757.7395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30830	68111	Zinc	212.2051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30831	68111	Zinc	216.842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30833	68111	Zinc	196.9772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30835	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30836	68111	Zinc	140.1151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30837	68111	Zinc	804.8472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30838	68111	Zinc	263.7628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30841	68111	Zinc	514.6004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
30843	68111	Zinc	164.5456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30844	68111	Zinc	354.0533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30848	68111	Zinc	577.737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
30849	68111	Zinc	203.8925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30856	68111	Zinc	177.1836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30857	68111	Zinc	192.189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30859	68111	Zinc	231.349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30861	68111	Zinc	176.0444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30863	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30864	68111	Zinc	414.0126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30868	68111	Zinc	175.7329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30871	68111	Zinc	411.1913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30873	68111	Zinc	187.5699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30877	68111	Zinc	100.8038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30881	68111	Zinc	156.856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30882	68111	Zinc	194.859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30884	68111	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30886	68111	Zinc	373.8024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30887	68111	Zinc	665.2596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30888	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30889	68111	Zinc	281.3136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30893	68111	Zinc	375.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30897	68111	Zinc	261.7514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30898	68111	Zinc	428.039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30899	68111	Zinc	486.7434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30901	68111	Zinc	209.4639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30902	68111	Zinc	376.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30903	68111	Zinc	381.848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30905	68111	Zinc	478.4486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30906	68111	Zinc	160.4516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30908	68111	Zinc	308.3696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30909	68111	Zinc	225.742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30911	68111	Zinc	253.7236	3.00E-01	--	3.00E-01

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30927	68111	Zinc	276.4453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30928	68111	Zinc	270.5891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30929	68111	Zinc	188.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30931	68111	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30932	68111	Zinc	280	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30933	68111	Zinc	358.0138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30935	68111	Zinc	213.0506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30937	68111	Zinc	308.3607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
30939	68111	Zinc	103.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30941	68111	Zinc	485.5419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30942	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30943	68111	Zinc	299.345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
30948	68111	Zinc	160.505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30949	68111	Zinc	445.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30953	68111	Zinc	140.5957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30955	68111	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30956	68111	Zinc	652.0965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
30959	68111	Zinc	260.3274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30960	68111	Zinc	179.8536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30962	68111	Zinc	163.0148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30967	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30968	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30969	68111	Zinc	173.9885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30970	68111	Zinc	243.2305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30972	68111	Zinc	448.6603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
30973	68111	Zinc	383.6725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30976	68111	Zinc	232.8086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
30978	68111	Zinc	177.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30979	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
30981	68111	Zinc	484.6074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
30983	68111	Zinc	421.8624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
30984	68111	Zinc	386.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30985	68111	Zinc	383.6547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
30988	68111	Zinc	255.735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30989	68111	Zinc	235.7812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30990	68111	Zinc	352.6204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
30991	68111	Zinc	262.4189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
30995	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
30997	68111	Zinc	153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
30999	68111	Zinc	250.4662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31001	68111	Zinc	262.2765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31003	68111	Zinc	179.7913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31004	68111	Zinc	273.1968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31007	68111	Zinc	152.7175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31008	68111	Zinc	179.8892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31009	68111	Zinc	124.0773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31010	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31011	68111	Zinc	429.8991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31012	68111	Zinc	168.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31014	68111	Zinc	456.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31015	68111	Zinc	130.8057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31016	68111	Zinc	163.353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31017	68111	Zinc	461.2983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31019	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31022	68111	Zinc	138.166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31026	68111	Zinc	109.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31027	68111	Zinc	176.4093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31029	68111	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31030	68111	Zinc	293.7469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31031	68111	Zinc	278.3232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31032	68111	Zinc	653.1912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31034	68111	Zinc	367.0473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31036	68111	Zinc	104.6664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31037	68111	Zinc	256.5004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31041	68111	Zinc	399.0962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31042	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31044	68111	Zinc	270.9718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31045	68111	Zinc	126.4981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31046	68111	Zinc	399.8171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31051	68111	Zinc	152.4594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31052	68111	Zinc	260.9593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31054	68111	Zinc	144.9567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31055	68111	Zinc	557.4361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31056	68111	Zinc	694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31057	68111	Zinc	175.7952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31058	68111	Zinc	269.2096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31061	68111	Zinc	297.4048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31062	68111	Zinc	134.873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31065	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31067	68111	Zinc	472.9751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31071	68111	Zinc	241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31072	68111	Zinc	150.1098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31074	68111	Zinc	152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31076	68111	Zinc	156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31078	68111	Zinc	106.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31080	68111	Zinc	336.1109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31081	68111	Zinc	316.7623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31086	68111	Zinc	214.5191	3.00E-01	--	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31106	68111	Zinc	274.158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31107	68111	Zinc	161.5552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31108	68111	Zinc	330.1034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31109	68111	Zinc	212.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31112	68111	Zinc	153.4918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31113	68111	Zinc	256.8475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31114	68111	Zinc	172.0216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31116	68111	Zinc	315.543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31117	68111	Zinc	283.3072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31118	68111	Zinc	99.0416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31120	68111	Zinc	432.7382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31122	68111	Zinc	218.4618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31125	68111	Zinc	194.6899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31127	68111	Zinc	157.1942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31129	68111	Zinc	195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31131	68111	Zinc	155.7524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31133	68111	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31134	68111	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31136	68111	Zinc	193.9067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31138	68111	Zinc	265.2758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31139	68111	Zinc	305.0677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31141	68111	Zinc	453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31142	68111	Zinc	228.2963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31143	68111	Zinc	198.1609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31145	68111	Zinc	278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31146	68111	Zinc	208.9744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31148	68111	Zinc	411.1824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31152	68111	Zinc	275.0302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31154	68111	Zinc	163.7535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31156	68111	Zinc	891.7112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31161	68111	Zinc	160.5495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31162	68111	Zinc	858.4875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31163	68111	Zinc	356.4652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31164	68111	Zinc	180.5834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31168	68111	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31169	68111	Zinc	187.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31171	68111	Zinc	180.0583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31175	68111	Zinc	130.6722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31176	68111	Zinc	228.7769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31178	68111	Zinc	280.8775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31179	68111	Zinc	204.5333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31180	68111	Zinc	467.2435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31182	68111	Zinc	195.7045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31183	68111	Zinc	213.9584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31185	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31186	68111	Zinc	311.0841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31188	68111	Zinc	200.4927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31189	68111	Zinc	594.3266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31190	68111	Zinc	601.7225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31191	68111	Zinc	282.8355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31192	68111	Zinc	269.886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31198	68111	Zinc	1771.227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31202	68111	Zinc	1814.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31203	68111	Zinc	3947.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
31206	68111	Zinc	242.6698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31207	68111	Zinc	1247.017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31208	68111	Zinc	836.0951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31211	68111	Zinc	180.8148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31212	68111	Zinc	311.4223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31215	68111	Zinc	423.7225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31221	68111	Zinc	355.3082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31222	68111	Zinc	115.6935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31225	68111	Zinc	361.5382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31227	68111	Zinc	208.031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31229	68111	Zinc	293.8804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31232	68111	Zinc	394.5483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31234	68111	Zinc	281.0021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31236	68111	Zinc	245.1974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31237	68111	Zinc	333.5655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31239	68111	Zinc	123.5166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31242	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31243	68111	Zinc	122.8224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31246	68111	Zinc	1212.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31248	68111	Zinc	371.9423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31251	68111	Zinc	538.4168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31252	68111	Zinc	303.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31253	68111	Zinc	357.8625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31254	68111	Zinc	554.0719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31255	68111	Zinc	256.1266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31256	68111	Zinc	466.4336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31257	68111	Zinc	349.9682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31259	68111	Zinc	439.5912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31262	68111	Zinc	965.599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
31265	68111	Zinc	536.9305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31266	68111	Zinc	254.8094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31267	68111	Zinc	371.8088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31268	68111	Zinc	138.9403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31269	68111	Zinc	203.225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER				NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE		CTE		CTE			CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
31287	68111	Zinc	253.0917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31291	68111	Zinc	235.5587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31300	68111	Zinc	336.4758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31302	68111	Zinc	196.6123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31303	68111	Zinc	239.2967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31304	68111	Zinc	250.0835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31305	68111	Zinc	374.461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31309	68111	Zinc	325.333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31310	68111	Zinc	438.5499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31311	68111	Zinc	119.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31312	68111	Zinc	594.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31313	68111	Zinc	192.9544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31316	68111	Zinc	459.9455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31321	68111	Zinc	122.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31324	68111	Zinc	158.6538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31325	68111	Zinc	2173.151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31328	68111	Zinc	2075.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31330	68111	Zinc	160.4961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31331	68111	Zinc	879.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31333	68111	Zinc	252.3441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31334	68111	Zinc	287.9174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31336	68111	Zinc	243.9692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31337	68111	Zinc	258.9924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31338	68111	Zinc	337.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31339	68111	Zinc	130.7256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31340	68111	Zinc	451.624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31341	68111	Zinc	686.9667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31344	68111	Zinc	282.1591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31348	68111	Zinc	254.5424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31352	68111	Zinc	271.3545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31353	68111	Zinc	185.425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31355	68111	Zinc	196.4254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31356	68111	Zinc	249.6474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31357	68111	Zinc	347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31358	68111	Zinc	301.1962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31360	68111	Zinc	199.3891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31361	68111	Zinc	1008.675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31362	68111	Zinc	282.0612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31363	68111	Zinc	209.633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31364	68111	Zinc	194.147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31365	68111	Zinc	186.7333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31366	68111	Zinc	427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31368	68111	Zinc	177.237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31370	68111	Zinc	254.4801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31372	68111	Zinc	351.7749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31373	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31374	68111	Zinc	147.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31375	68111	Zinc	358.8504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31376	68111	Zinc	362.9711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31377	68111	Zinc	343.5068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31378	68111	Zinc	528.7247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31379	68111	Zinc	612.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31381	68111	Zinc	526.2683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31382	68111	Zinc	337.615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31386	68111	Zinc	172.3687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31387	68111	Zinc	197.2353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31390	68111	Zinc	534.7233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31393	68111	Zinc	245.9005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31395	68111	Zinc	220.8203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31397	68111	Zinc	147.8403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31398	68111	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31400	68111	Zinc	233.4672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31403	68111	Zinc	186.5642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31408	68111	Zinc	1189.968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31409	68111	Zinc	224.407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31411	68111	Zinc	198.8017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31413	68111	Zinc	364.3506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31414	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31415	68111	Zinc	232.773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31416	68111	Zinc	191.5927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31417	68111	Zinc	207.8352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31418	68111	Zinc	357.2484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31419	68111	Zinc	306.376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31421	68111	Zinc	361.8586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31423	68111	Zinc	284.4731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31425	68111	Zinc	2562.081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
31426	68111	Zinc	367.2075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31427	68111	Zinc	244.7791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31429	68111	Zinc	206.7405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31430	68111	Zinc	283.4852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31431	68111	Zinc	153.207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31432	68111	Zinc	359.6692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31433	68111	Zinc	255.4769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31434	68111	Zinc	140.3109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31435	68111	Zinc	213.5401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31436	68111	Zinc	474.6038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31437	68111	Zinc	186.315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31438	68111	Zinc	355.3883	3.00E-01	--	3.00E-01

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31450	68111	Zinc	571.4002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31451	68111	Zinc	221.3009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31452	68111	Zinc	221.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31453	68111	Zinc	275.1726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31454	68111	Zinc	226.098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31455	68111	Zinc	130.067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31456	68111	Zinc	208.8587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31457	68111	Zinc	843.7135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31458	68111	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31463	68111	Zinc	397.8235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31464	68111	Zinc	398.6512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31465	68111	Zinc	127.4148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31467	68111	Zinc	211.8046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31468	68111	Zinc	333.5744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31469	68111	Zinc	382.026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31470	68111	Zinc	444.6553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31471	68111	Zinc	463.3542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31473	68111	Zinc	280.0943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31476	68111	Zinc	148.8282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31478	68111	Zinc	515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31479	68111	Zinc	311.7783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31480	68111	Zinc	180.8415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31481	68111	Zinc	304.3557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31483	68111	Zinc	157.8884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31484	68111	Zinc	367.2965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31485	68111	Zinc	323.464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31487	68111	Zinc	475.4315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31488	68111	Zinc	205.005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31489	68111	Zinc	529.4812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31491	68111	Zinc	280.5393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31494	68111	Zinc	183.823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31495	68111	Zinc	566.3183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31498	68111	Zinc	405.0058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31499	68111	Zinc	259.9536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31500	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31501	68111	Zinc	134.161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31505	68111	Zinc	155.9927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31506	68111	Zinc	249.683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31507	68111	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31509	68111	Zinc	399.3009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31510	68111	Zinc	185.4161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31513	68111	Zinc	208.6273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31516	68111	Zinc	505.2287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31517	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31519	68111	Zinc	558.1481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31520	68111	Zinc	153.0557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31522	68111	Zinc	183.7518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31525	68111	Zinc	144.9478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31527	68111	Zinc	178.2249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31528	68111	Zinc	509.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31529	68111	Zinc	266.3883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31532	68111	Zinc	178.1982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31533	68111	Zinc	172.3687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31534	68111	Zinc	145.197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31540	68111	Zinc	464.3777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31541	68111	Zinc	142.2778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31544	68111	Zinc	145.4551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31546	68111	Zinc	236.2618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31547	68111	Zinc	291.6465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31548	68111	Zinc	198.5258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31553	68111	Zinc	120.9623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31555	68111	Zinc	407.1062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31558	68111	Zinc	602.6837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31560	68111	Zinc	118.3457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31561	68111	Zinc	260.6389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31565	68111	Zinc	582.9079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31566	68111	Zinc	458.2901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31567	68111	Zinc	302.2731	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31569	68111	Zinc	307.2482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31572	68111	Zinc	456.1452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31574	68111	Zinc	444.148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31576	68111	Zinc	440.6236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31577	68111	Zinc	432.6492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31581	68111	Zinc	125.5725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31582	68111	Zinc	400.1197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31583	68111	Zinc	379.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31585	68111	Zinc	218.9157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31586	68111	Zinc	539.0131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31588	68111	Zinc	230.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31589	68111	Zinc	161.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31591	68111	Zinc	304.9075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31593	68111	Zinc	401.962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31595	68111	Zinc	397.7078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31597	68111	Zinc	600.9571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31598	68111	Zinc	240.4626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31599	68111	Zinc	241.8332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31600	68111	Zinc	380.9936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31602	68111	Zinc	164.1451	3.

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31618	68111	Zinc	217.1624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31619	68111	Zinc	133.1286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31620	68111	Zinc	351.0896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31622	68111	Zinc	442.5994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31624	68111	Zinc	176.2847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31626	68111	Zinc	154.1148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31627	68111	Zinc	299.612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31628	68111	Zinc	609.1006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31629	68111	Zinc	945.129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
31631	68111	Zinc	315.7032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31635	68111	Zinc	150.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31636	68111	Zinc	270.0729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31638	68111	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31640	68111	Zinc	168.6574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31641	68111	Zinc	317.3942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31643	68111	Zinc	204.4799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31644	68111	Zinc	838.9075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31646	68111	Zinc	221.0606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31647	68111	Zinc	178.6699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31650	68111	Zinc	244.5566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31651	68111	Zinc	293.0349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31654	68111	Zinc	340.7567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31655	68111	Zinc	158.8318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31656	68111	Zinc	349.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31659	68111	Zinc	332.542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31660	68111	Zinc	564.7608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31661	68111	Zinc	295.2866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31662	68111	Zinc	173.5168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31664	68111	Zinc	125.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31666	68111	Zinc	645.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31668	68111	Zinc	277.2374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31670	68111	Zinc	103.189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31671	68111	Zinc	107.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31672	68111	Zinc	298.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31674	68111	Zinc	237.0539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31678	68111	Zinc	217.5362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31679	68111	Zinc	111.1812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31680	68111	Zinc	294.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31681	68111	Zinc	152.406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31682	68111	Zinc	186.849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31683	68111	Zinc	118.9242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31686	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31691	68111	Zinc	235.0692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31692	68111	Zinc	198.3122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31694	68111	Zinc	397.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31695	68111	Zinc	506.4569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31697	68111	Zinc	179.0437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31698	68111	Zinc	241.7264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31699	68111	Zinc	147.9738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31700	68111	Zinc	407.5601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31702	68111	Zinc	155.9215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31704	68111	Zinc	101.1598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31708	68111	Zinc	155.9126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31710	68111	Zinc	143.862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31712	68111	Zinc	361.7073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31713	68111	Zinc	371.6308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31714	68111	Zinc	219.1115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31715	68111	Zinc	258.8233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31716	68111	Zinc	87.9255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
31717	68111	Zinc	251.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31718	68111	Zinc	282.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31721	68111	Zinc	266.1658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31722	68111	Zinc	1443.618	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31723	68111	Zinc	338.4605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31724	68111	Zinc	2011.883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
31725	68111	Zinc	228.9638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31728	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31729	68111	Zinc	161.9735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31732	68111	Zinc	181.2687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31733	68111	Zinc	212.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31734	68111	Zinc	447.4677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31735	68111	Zinc	711.6108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31736	68111	Zinc	287.1164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31740	68111	Zinc	155.0582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31741	68111	Zinc	670.5907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31742	68111	Zinc	483.0232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31744	68111	Zinc	375.2976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31746	68111	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31747	68111	Zinc	287.4813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31748	68111	Zinc	154.8446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31751	68111	Zinc	209.3927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31752	68111	Zinc	273.5528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31754	68111	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31755	68111	Zinc	94.9476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
31756	68111	Zinc	351.8639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31758	68111	Zinc	455.1662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31759	68111	Zinc	322.8054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31762	68111	Zinc	296.7195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31775	68111	Zinc	370.6251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31776	68111	Zinc	240.9165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31777	68111	Zinc	231.4914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31778	68111	Zinc	112.3293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31779	68111	Zinc	737.9014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31780	68111	Zinc	564.6362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31783	68111	Zinc	433.6816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31784	68111	Zinc	678.6719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31785	68111	Zinc	175.279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31786	68111	Zinc	199.3802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31788	68111	Zinc	47.1635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
31789	68111	Zinc	383.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31790	68111	Zinc	218.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31791	68111	Zinc	593.7214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31793	68111	Zinc	186.5464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31794	68111	Zinc	348.8735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31795	68111	Zinc	190.6137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31796	68111	Zinc	222.5647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31797	68111	Zinc	253.1807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31799	68111	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31800	68111	Zinc	123.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31801	68111	Zinc	809.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31803	68111	Zinc	200	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31804	68111	Zinc	803.6724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31805	68111	Zinc	346.5506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31806	68111	Zinc	153.4829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31808	68111	Zinc	4007.619	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	6E-03
31809	68111	Zinc	129.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31810	68111	Zinc	223.962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31811	68111	Zinc	166.8952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31812	68111	Zinc	392.9997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31813	68111	Zinc	250.7154	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31816	68111	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31817	68111	Zinc	124.9584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31819	68111	Zinc	393.8452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31821	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31822	68111	Zinc	129.8979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31823	68111	Zinc	219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31824	68111	Zinc	120.277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31825	68111	Zinc	133.3066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31826	68111	Zinc	168.4705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31827	68111	Zinc	155.8183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31828	68111	Zinc	286.0662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31831	68111	Zinc	705.8436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31835	68111	Zinc	234.8467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31836	68111	Zinc	508.4238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31838	68111	Zinc	584.1272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
31839	68111	Zinc	194.6009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31840	68111	Zinc	542.1281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31841	68111	Zinc	378.3859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31843	68111	Zinc	382.9961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31844	68111	Zinc	224.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31845	68111	Zinc	181.7048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31846	68111	Zinc	235.2561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31849	68111	Zinc	209.6775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31850	68111	Zinc	279.1776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31851	68111	Zinc	420.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31852	68111	Zinc	717.6806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31853	68111	Zinc	255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31854	68111	Zinc	224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
31856	68111	Zinc	107.9683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31858	68111	Zinc	196.0427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31859	68111	Zinc	158.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31860	68111	Zinc	106.571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31861	68111	Zinc	253.5011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31862	68111	Zinc	175.1455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31864	68111	Zinc	142.1977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31865	68111	Zinc	119.1823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31868	68111	Zinc	214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31869	68111	Zinc	157.6659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
31871	68111	Zinc	175.635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31872	68111	Zinc	144.4939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31873	68111	Zinc	555.1666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31874	68111	Zinc	459.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31875	68111	Zinc	216.5127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31876	68111	Zinc	192.5272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31878	68111	Zinc	125.8484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31879	68111	Zinc	297.9388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31880	68111	Zinc	176.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31882	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31887	68111	Zinc	255.0497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31889	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31891	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31892	68111	Zinc	398.9182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31894	68111	Zinc	249.2914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31895	68111	Zinc	348.1615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31896	68111	Zinc	258.2626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31899	68111	Zinc	329.427	3.00E-01	--	3.00E

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
31919	68111	Zinc	259.6777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31921	68111	Zinc	635.9519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
31922	68111	Zinc	177.7265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31923	68111	Zinc	244.1205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31924	68111	Zinc	424.2565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
31925	68111	Zinc	369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31927	68111	Zinc	902.6137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31928	68111	Zinc	142.9097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31929	68111	Zinc	481.2076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31930	68111	Zinc	473.5714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
31932	68111	Zinc	758.7986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31935	68111	Zinc	319.5925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31936	68111	Zinc	188.451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31938	68111	Zinc	145.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31940	68111	Zinc	195.1794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31941	68111	Zinc	137.4718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31943	68111	Zinc	252.9315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31944	68111	Zinc	291.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31945	68111	Zinc	324.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31946	68111	Zinc	178.1181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31947	68111	Zinc	328.9375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31949	68111	Zinc	212.0894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31952	68111	Zinc	374.0605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31955	68111	Zinc	173.2854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31960	68111	Zinc	822.2289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
31961	68111	Zinc	1040.626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
31964	68111	Zinc	377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31965	68111	Zinc	348.5086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31967	68111	Zinc	444.7176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
31968	68111	Zinc	276.2228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31970	68111	Zinc	332.008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31972	68111	Zinc	142.9898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31973	68111	Zinc	134.9976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31974	68111	Zinc	132.826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31975	68111	Zinc	150.1988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31976	68111	Zinc	173.0006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31977	68111	Zinc	275.6443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31978	68111	Zinc	521.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
31980	68111	Zinc	364.9113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
31981	68111	Zinc	298.7843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
31983	68111	Zinc	142.1799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31985	68111	Zinc	202.8245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31986	68111	Zinc	552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
31987	68111	Zinc	139.6256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
31988	68111	Zinc	324.9503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
31991	68111	Zinc	270.4912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
31994	68111	Zinc	403.4483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
31996	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31998	68111	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
31999	68111	Zinc	221.1585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32000	68111	Zinc	282.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32001	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32003	68111	Zinc	505.4957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32006	68111	Zinc	205.4767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32007	68111	Zinc	354.1868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32011	68111	Zinc	188.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32012	68111	Zinc	340.5876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32013	68111	Zinc	441.5848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32014	68111	Zinc	1080.053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32015	68111	Zinc	149.9496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32016	68111	Zinc	455.7803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32017	68111	Zinc	153.3939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32018	68111	Zinc	139.4654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32020	68111	Zinc	151.8631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32021	68111	Zinc	154.5598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32022	68111	Zinc	191.2189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32023	68111	Zinc	407.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32024	68111	Zinc	179.3641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32025	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32026	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32028	68111	Zinc	382.382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32033	68111	Zinc	246.7638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32034	68111	Zinc	176.9255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32036	68111	Zinc	187.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32038	68111	Zinc	267.9191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32040	68111	Zinc	622.5574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32041	68111	Zinc	317.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32042	68111	Zinc	201.623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32046	68111	Zinc	661.7975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32047	68111	Zinc	143.595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32048	68111	Zinc	297.5917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32049	68111	Zinc	194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32050	68111	Zinc	804.509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32051	68111	Zinc	216.6462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32052	68111	Zinc	227.5487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32053	68111	Zinc	503.9026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32055	68111	Zinc	443.2046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32057	68111	Zinc	263.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
32077	68111	Zinc	331.7232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32079	68111	Zinc	230.5925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32081	68111	Zinc	856.2091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32085	68111	Zinc	165.0173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32087	68111	Zinc	401.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32089	68111	Zinc	279.6137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32090	68111	Zinc	243.2572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32091	68111	Zinc	255.3345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32092	68111	Zinc	404.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32093	68111	Zinc	161.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32095	68111	Zinc	235.0425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32096	68111	Zinc	166.1921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32097	68111	Zinc	633.5578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32098	68111	Zinc	302.6825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32101	68111	Zinc	350.7692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32102	68111	Zinc	304.7206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32103	68111	Zinc	515.1789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32104	68111	Zinc	303.8395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32105	68111	Zinc	148.0895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32107	68111	Zinc	316.255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32108	68111	Zinc	339.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32109	68111	Zinc	397.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32111	68111	Zinc	512.5623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32112	68111	Zinc	137.365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32114	68111	Zinc	218.5152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32115	68111	Zinc	149.5758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32116	68111	Zinc	196.2919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32117	68111	Zinc	340.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32119	68111	Zinc	380.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32120	68111	Zinc	265.0711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32123	68111	Zinc	437.3039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32124	68111	Zinc	434.1711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32125	68111	Zinc	277.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32126	68111	Zinc	553.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32128	68111	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32129	68111	Zinc	192.7853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32131	68111	Zinc	325.6089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32133	68111	Zinc	208.3781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32134	68111	Zinc	105.2449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32136	68111	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32137	68111	Zinc	230.2187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32138	68111	Zinc	299.4607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32139	68111	Zinc	446.729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32140	68111	Zinc	340.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32147	68111	Zinc	109.241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32148	68111	Zinc	337.9354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32149	68111	Zinc	271.3545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32152	68111	Zinc	183.8764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32153	68111	Zinc	190.587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32154	68111	Zinc	176.4716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32155	68111	Zinc	286.6358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32156	68111	Zinc	117.5269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32159	68111	Zinc	626.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32160	68111	Zinc	345.6339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32162	68111	Zinc	941.213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
32163	68111	Zinc	174.0508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32164	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32166	68111	Zinc	362.891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32167	68111	Zinc	140.658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32168	68111	Zinc	144.3693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32169	68111	Zinc	218.2571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32170	68111	Zinc	159.9799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32172	68111	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32177	68111	Zinc	368.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32178	68111	Zinc	198.0986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32179	68111	Zinc	315.3917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32180	68111	Zinc	404.4451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32181	68111	Zinc	147.8047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32182	68111	Zinc	141.904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32183	68111	Zinc	294.2008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32184	68111	Zinc	152.9756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32185	68111	Zinc	240.4181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32186	68111	Zinc	288.7362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32187	68111	Zinc	309.0994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32189	68111	Zinc	139.8481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32190	68111	Zinc	220.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32193	68111	Zinc	308.5565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32194	68111	Zinc	355.148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32196	68111	Zinc	176.9967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32197	68111	Zinc	160.6741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32200	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32204	68111	Zinc	459.2157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32205	68111	Zinc	182.0608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32208	68111	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32209	68111	Zinc	200.4927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32210	68111	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32212	68111	Zinc	151.2935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32213	68111	Zinc	187.828	3.00E-01	--	3.

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32231	68111	Zinc	549.4172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32232	68111	Zinc	176.3737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32234	68111	Zinc	179.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32235	68111	Zinc	173.8016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32237	68111	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32239	68111	Zinc	240.0443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32240	68111	Zinc	150.1721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32241	68111	Zinc	345.1266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32243	68111	Zinc	123.4543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32244	68111	Zinc	260.274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32246	68111	Zinc	136.1368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32248	68111	Zinc	240.2045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32249	68111	Zinc	209.6241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32250	68111	Zinc	263.8696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32251	68111	Zinc	369.5215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32252	68111	Zinc	396.0435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32253	68111	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32255	68111	Zinc	170.4285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32256	68111	Zinc	425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32260	68111	Zinc	334.6068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32261	68111	Zinc	450.9209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32262	68111	Zinc	725.3969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32263	68111	Zinc	338.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32264	68111	Zinc	374.9505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32265	68111	Zinc	401.2144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32266	68111	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32267	68111	Zinc	144.9033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32270	68111	Zinc	274.7632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32272	68111	Zinc	235.0158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32274	68111	Zinc	454.1694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32276	68111	Zinc	824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32277	68111	Zinc	278.5546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32278	68111	Zinc	445.1715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32279	68111	Zinc	125.5903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32280	68111	Zinc	560.7825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32281	68111	Zinc	175.4481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32282	68111	Zinc	129.5241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32283	68111	Zinc	192.7497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32284	68111	Zinc	253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32285	68111	Zinc	926.083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32286	68111	Zinc	276.0092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32287	68111	Zinc	733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32288	68111	Zinc	502.6655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32289	68111	Zinc	82.0604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32291	68111	Zinc	332.9425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32293	68111	Zinc	223.4013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32296	68111	Zinc	196.9683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32297	68111	Zinc	218.6932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32300	68111	Zinc	203.225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32303	68111	Zinc	166.3434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32304	68111	Zinc	308.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32305	68111	Zinc	213.2464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32306	68111	Zinc	194.8946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32307	68111	Zinc	133.093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32308	68111	Zinc	93.5948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32309	68111	Zinc	173.4545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32311	68111	Zinc	236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32314	68111	Zinc	722.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32315	68111	Zinc	170.5887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32316	68111	Zinc	350.3153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32318	68111	Zinc	154.9514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32319	68111	Zinc	110.309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32320	68111	Zinc	915.581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32321	68111	Zinc	265.6763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32322	68111	Zinc	548.9544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32324	68111	Zinc	163.6378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32325	68111	Zinc	154.8891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32326	68111	Zinc	142.0909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32327	68111	Zinc	189.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32328	68111	Zinc	262.2854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32330	68111	Zinc	167.4826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32331	68111	Zinc	256.7585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32332	68111	Zinc	122.5287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32334	68111	Zinc	174.567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32335	68111	Zinc	178.7322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32336	68111	Zinc	241.3971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32337	68111	Zinc	182.1409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32338	68111	Zinc	274.3894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32339	68111	Zinc	172.075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32340	68111	Zinc	155.7613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32341	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32342	68111	Zinc	94.7607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
32345	68111	Zinc	203.759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32346	68111	Zinc	179.6845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32347	68111	Zinc	164.0917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32348	68111	Zinc	118.4792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32349	68111	Zinc	105.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32350	68111	Zinc	111.5817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32368	68111	Zinc	386.6184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32369	68111	Zinc	287.7038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32370	68111	Zinc	131.3575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32372	68111	Zinc	330.9222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32375	68111	Zinc	488.0339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32377	68111	Zinc	169.6275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32378	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32379	68111	Zinc	258.2804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32380	68111	Zinc	188.3442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32381	68111	Zinc	284.0014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32382	68111	Zinc	138.8246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32384	68111	Zinc	242.2159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32385	68111	Zinc	468.5251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32386	68111	Zinc	185.4428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32388	68111	Zinc	115.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32390	68111	Zinc	87.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
32391	68111	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32393	68111	Zinc	287.2232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32395	68111	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32396	68111	Zinc	120.7665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32398	68111	Zinc	191.2367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32399	68111	Zinc	282.1502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32400	68111	Zinc	158.8496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32403	68111	Zinc	178.1003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32405	68111	Zinc	143.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32407	68111	Zinc	268.0971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32409	68111	Zinc	273.5973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32410	68111	Zinc	168.6841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32411	68111	Zinc	281.9099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32412	68111	Zinc	213.4778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32414	68111	Zinc	434.9187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32415	68111	Zinc	141.8061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32416	68111	Zinc	382.3642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32417	68111	Zinc	125.0474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32418	68111	Zinc	362.4994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32419	68111	Zinc	401.1966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32420	68111	Zinc	155.5833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32421	68111	Zinc	161.3594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32425	68111	Zinc	304.596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32427	68111	Zinc	253.4388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32428	68111	Zinc	157.2476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32429	68111	Zinc	413.9948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32430	68111	Zinc	290.3026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32431	68111	Zinc	200.4126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32432	68111	Zinc	236.8225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32434	68111	Zinc	119.7875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32435	68111	Zinc	374.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32436	68111	Zinc	141.1564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32437	68111	Zinc	250.4751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32438	68111	Zinc	180.4499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32441	68111	Zinc	419.6552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32442	68111	Zinc	203.9281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32443	68111	Zinc	137.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32444	68111	Zinc	444.2014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32445	68111	Zinc	182.7906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32447	68111	Zinc	391.0239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32449	68111	Zinc	282.9245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32450	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32451	68111	Zinc	143.3903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32452	68111	Zinc	151.7296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32453	68111	Zinc	353.2078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32454	68111	Zinc	341.4331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32455	68111	Zinc	130.9926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32456	68111	Zinc	640.6511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32457	68111	Zinc	137.9079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32458	68111	Zinc	311.2265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32460	68111	Zinc	146.3451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32461	68111	Zinc	192.8921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32464	68111	Zinc	183.9743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32466	68111	Zinc	352.59815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32467	68111	Zinc	216.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32472	68111	Zinc	155.0493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32473	68111	Zinc	371.0879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32474	68111	Zinc	442.0743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32475	68111	Zinc	270.1708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32476	68111	Zinc	172.7959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32477	68111	Zinc	232.6662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32478	68111	Zinc	425.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32479	68111	Zinc	196.1851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32481	68111	Zinc	391.2642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32482	68111	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32483	68111	Zinc	286.6002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32486	68111	Zinc	116.7971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32487	68111	Zinc	158.1287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32488	68111	Zinc	197.9384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32490	68111	Zinc	166.8596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32491	68111	Zinc	230.014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32492	68111	Zinc	147.0126	3.00E-01	--	3.00E-01	--	4.47E-06	4.

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
32512	68111	Zinc	108.7337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32513	68111	Zinc	261.7158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32515	68111	Zinc	141.0763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32517	68111	Zinc	166.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32518	68111	Zinc	401.8018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32522	68111	Zinc	260.5855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32523	68111	Zinc	129.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32524	68111	Zinc	1311.631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32527	68111	Zinc	109.5792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32528	68111	Zinc	301.1339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32530	68111	Zinc	133.6181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32533	68111	Zinc	115.827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32534	68111	Zinc	125.1631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32535	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32537	68111	Zinc	334.3843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32539	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32542	68111	Zinc	292.6344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32543	68111	Zinc	146.1938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32544	68111	Zinc	536.9572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32545	68111	Zinc	202.5842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32546	68111	Zinc	104.4884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32547	68111	Zinc	177.1569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32549	68111	Zinc	181.687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32550	68111	Zinc	254.1241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32551	68111	Zinc	222.6626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32553	68111	Zinc	207.4169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32554	68111	Zinc	362.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32557	68111	Zinc	131.5266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32558	68111	Zinc	247.6805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32559	68111	Zinc	659.0385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32560	68111	Zinc	200.5995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32561	68111	Zinc	163.4776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32562	68111	Zinc	456.2965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32563	68111	Zinc	162.463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32565	68111	Zinc	184.3926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32567	68111	Zinc	343.0262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32569	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32571	68111	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32572	68111	Zinc	126.9342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32573	68111	Zinc	370.5806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32574	68111	Zinc	144.1379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32575	68111	Zinc	456.8305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32576	68111	Zinc	492.2169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32577	68111	Zinc	198.7305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32578	68111	Zinc	196.6212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32580	68111	Zinc	188.0238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32581	68111	Zinc	489.0218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32582	68111	Zinc	129.2838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32585	68111	Zinc	509.9546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32586	68111	Zinc	302.5668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32587	68111	Zinc	617.7158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32589	68111	Zinc	284.8825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32591	68111	Zinc	347.9212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32592	68111	Zinc	178.2605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32593	68111	Zinc	167.1355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32594	68111	Zinc	203.2072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32596	68111	Zinc	207.3457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32597	68111	Zinc	145.8912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32599	68111	Zinc	160.6652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32600	68111	Zinc	131.7491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32602	68111	Zinc	119.4404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32603	68111	Zinc	134.0275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32604	68111	Zinc	193.7465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32606	68111	Zinc	207.3546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32607	68111	Zinc	207.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32608	68111	Zinc	196.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32611	68111	Zinc	328.3056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32612	68111	Zinc	40.85785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
32613	68111	Zinc	224.5494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32615	68111	Zinc	431.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32616	68111	Zinc	296.0965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32618	68111	Zinc	348.7222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32620	68111	Zinc	319.5391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32622	68111	Zinc	216.6729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32623	68111	Zinc	246.2298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32629	68111	Zinc	264.3502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32630	68111	Zinc	323.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32631	68111	Zinc	256.9632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32632	68111	Zinc	161.9735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32633	68111	Zinc	189.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32639	68111	Zinc	252.7179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32640	68111	Zinc	574.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
32642	68111	Zinc	522.5303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32643	68111	Zinc	233.1023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32644	68111	Zinc	262.6859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32646	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32648	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32656	68111	Zinc	186.4218	3.00E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
32674	68111	Zinc	175.0476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32675	68111	Zinc	129.0791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32677	68111	Zinc	401.6772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32678	68111	Zinc	219.4408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32679	68111	Zinc	463.0783	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32680	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32681	68111	Zinc	214.4479	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32682	68111	Zinc	537.4022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
32684	68111	Zinc	304.2845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32686	68111	Zinc	230	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32687	68111	Zinc	254.9963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32688	68111	Zinc	221.5145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32690	68111	Zinc	155.7168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32692	68111	Zinc	311.3867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32693	68111	Zinc	185.3983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32694	68111	Zinc	281.2246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32695	68111	Zinc	204.0349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32696	68111	Zinc	201.6052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32697	68111	Zinc	222.8673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32699	68111	Zinc	322.7698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32701	68111	Zinc	285.6568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32702	68111	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32703	68111	Zinc	436.5919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32704	68111	Zinc	351.7838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32706	68111	Zinc	227.8958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32708	68111	Zinc	153.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32709	68111	Zinc	360.0786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32713	68111	Zinc	171.5054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32714	68111	Zinc	166.1565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32715	68111	Zinc	138.2283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32717	68111	Zinc	446.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32718	68111	Zinc	175.9732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32722	68111	Zinc	595.6082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32724	68111	Zinc	367.608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32726	68111	Zinc	1198.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
32736	68111	Zinc	352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32740	68111	Zinc	135.318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32741	68111	Zinc	259.7044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32745	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32746	68111	Zinc	277.6913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32747	68111	Zinc	147.7068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32748	68111	Zinc	218.3639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32749	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32753	68111	Zinc	212.4187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32755	68111	Zinc	138.077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32756	68111	Zinc	271.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32757	68111	Zinc	358.8504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32758	68111	Zinc	180.4677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32760	68111	Zinc	401.4013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32761	68111	Zinc	193.8978	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32764	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32765	68111	Zinc	187.7835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32768	68111	Zinc	498.2244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32770	68111	Zinc	465.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32771	68111	Zinc	620.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
32775	68111	Zinc	380.5575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32776	68111	Zinc	260.4876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32777	68111	Zinc	142.4825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32778	68111	Zinc	143.2301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32779	68111	Zinc	281.7408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32780	68111	Zinc	178.485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32781	68111	Zinc	496.6847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32782	68111	Zinc	123.9794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32783	68111	Zinc	354.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32784	68111	Zinc	448.9273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32785	68111	Zinc	194.3784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32787	68111	Zinc	204.5422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32789	68111	Zinc	112.4628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32791	68111	Zinc	165.8539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32792	68111	Zinc	186.7244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32793	68111	Zinc	661.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32794	68111	Zinc	389.7512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32795	68111	Zinc	178.3228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32797	68111	Zinc	360.7906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32798	68111	Zinc	267.8746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32800	68111	Zinc	262.0273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32802	68111	Zinc	201.6141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32803	68111	Zinc	458.1121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32804	68111	Zinc	354.614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32805	68111	Zinc	159.5616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32806	68111	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32807	68111	Zinc	192.9099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32808	68111	Zinc	253.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32809	68111	Zinc	718.8465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32810	68111	Zinc	160.149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32813	68111	Zinc	356.6343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32816	68111	Zinc	224.941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32817	68111	Zinc	287.2143	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32834	68111	Zinc	219.8324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32835	68111	Zinc	376.8996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32836	68111	Zinc	215.774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32837	68111	Zinc	678.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32840	68111	Zinc	231.5092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32841	68111	Zinc	348.0458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32843	68111	Zinc	156.3398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32844	68111	Zinc	99.2819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
32845	68111	Zinc	433.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32847	68111	Zinc	271.8796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32848	68111	Zinc	150.1365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32851	68111	Zinc	217.0734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32852	68111	Zinc	300.3151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32853	68111	Zinc	148.1607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32854	68111	Zinc	268.4264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32856	68111	Zinc	200.1545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32857	68111	Zinc	159.7574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32858	68111	Zinc	215.8719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32859	68111	Zinc	157.5858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32860	68111	Zinc	163.9582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32861	68111	Zinc	109.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32862	68111	Zinc	141.7616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32863	68111	Zinc	110.7985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32865	68111	Zinc	527.1494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32866	68111	Zinc	404.5163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32868	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32871	68111	Zinc	348.7845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32873	68111	Zinc	276.1605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32874	68111	Zinc	128.8121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32876	68111	Zinc	515.7663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
32877	68111	Zinc	182.2477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32878	68111	Zinc	307.5508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32879	68111	Zinc	235.0425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32880	68111	Zinc	152.5662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32881	68111	Zinc	219.9392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32882	68111	Zinc	219.8591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32884	68111	Zinc	135.5494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32885	68111	Zinc	168.7553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32886	68111	Zinc	248.9443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32888	68111	Zinc	284.2951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32889	68111	Zinc	467.2702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32890	68111	Zinc	669.6206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32891	68111	Zinc	191.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32892	68111	Zinc	331.9724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32893	68111	Zinc	684.893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32894	68111	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32896	68111	Zinc	499.7107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32898	68111	Zinc	220.0816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32900	68111	Zinc	130.8324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32902	68111	Zinc	215.9876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32904	68111	Zinc	182.2566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32905	68111	Zinc	235.6121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32907	68111	Zinc	141.0852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32909	68111	Zinc	237.5612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32910	68111	Zinc	740.0819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32912	68111	Zinc	319.0852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32914	68111	Zinc	322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32916	68111	Zinc	878.0853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
32917	68111	Zinc	268.8269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32921	68111	Zinc	421.2216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32922	68111	Zinc	580.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
32924	68111	Zinc	363.336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32926	68111	Zinc	126.418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32928	68111	Zinc	286.1997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32929	68111	Zinc	2311.991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
32930	68111	Zinc	317.8748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32931	68111	Zinc	236.4932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32932	68111	Zinc	136.8933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
32933	68111	Zinc	253.421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32935	68111	Zinc	228.1005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32940	68111	Zinc	444.5752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
32941	68111	Zinc	238.7805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32942	68111	Zinc	206.4201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32946	68111	Zinc	262.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32948	68111	Zinc	292.8124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32949	68111	Zinc	244.521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32953	68111	Zinc	313.6651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32956	68111	Zinc	195.7134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32957	68111	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
32958	68111	Zinc	199.309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32960	68111	Zinc	50.854775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
32963	68111	Zinc	980.907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
32965	68111	Zinc	263.8607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
32967	68111	Zinc	393.3557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32968	68111	Zinc	162.6855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
32969	68111	Zinc	205.5123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32970	68111	Zinc	184.0277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32971	68111	Zinc	99.1484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
32985	68111	Zinc	301.1072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
32987	68111	Zinc	190.142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32989	68111	Zinc	489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
32990	68111	Zinc	179.373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32991	68111	Zinc	354.5695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
32992	68111	Zinc	177.771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
32994	68111	Zinc	420.1625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
32997	68111	Zinc	222.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
32998	68111	Zinc	372.4496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
32999	68111	Zinc	146.1582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33000	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33001	68111	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33003	68111	Zinc	256.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33004	68111	Zinc	370.4204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33005	68111	Zinc	177.1925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33007	68111	Zinc	573.5273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33008	68111	Zinc	168.9689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33009	68111	Zinc	157.2031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33010	68111	Zinc	301.3297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33011	68111	Zinc	202.4418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33012	68111	Zinc	208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33013	68111	Zinc	506.0831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33014	68111	Zinc	152.3615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33015	68111	Zinc	251.4363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33016	68111	Zinc	383.8594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33018	68111	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33024	68111	Zinc	266.949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33025	68111	Zinc	160.1846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33027	68111	Zinc	242.9012	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33028	68111	Zinc	193.3549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33030	68111	Zinc	258.4317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33031	68111	Zinc	495.9994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33032	68111	Zinc	126.6494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33033	68111	Zinc	259.5264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33034	68111	Zinc	150.7061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33035	68111	Zinc	349.5499	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33036	68111	Zinc	371.3816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33037	68111	Zinc	1044.631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
33040	68111	Zinc	377.8163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33041	68111	Zinc	256.3669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33042	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33043	68111	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33044	68111	Zinc	277.7358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33047	68111	Zinc	354.0533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33048	68111	Zinc	136.5195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33049	68111	Zinc	292.4831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33050	68111	Zinc	174.0241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33051	68111	Zinc	123.9972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33052	68111	Zinc	184.2947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33053	68111	Zinc	944.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
33054	68111	Zinc	337.0187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33055	68111	Zinc	235.8524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33056	68111	Zinc	460.1591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33058	68111	Zinc	159.704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33059	68111	Zinc	332.0258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33060	68111	Zinc	166.913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33061	68111	Zinc	290.089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33062	68111	Zinc	446.4976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33063	68111	Zinc	219.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33069	68111	Zinc	177.059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33072	68111	Zinc	299.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33073	68111	Zinc	500.4227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33075	68111	Zinc	370.3403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33076	68111	Zinc	260.2028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33077	68111	Zinc	606.8311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33079	68111	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33081	68111	Zinc	252.798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33086	68111	Zinc	816.3015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33088	68111	Zinc	927.863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33089	68111	Zinc	889.6019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33092	68111	Zinc	277.4065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33093	68111	Zinc	234.998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33094	68111	Zinc	285.1495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33095	68111	Zinc	246.2654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33099	68111	Zinc	137.5252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33101	68111	Zinc	125.4924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33103	68111	Zinc	362.5884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33104	68111	Zinc	619.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33105	68111	Zinc	189.8572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33106	68111	Zinc	500.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33107	68111	Zinc	177.4595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33108	68111	Zinc	277.3798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33109	68111	Zinc	195.2506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33111	68111	Zinc	286.885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33112	68111	Zinc	544.5934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33114	68111	Zinc	281.5005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33115	68111	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33116	68111	Zinc	222.6893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
33135	68111	Zinc	373.0548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33137	68111	Zinc	156.3131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33139	68111	Zinc	41.85465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-04	7E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-04	7E-05
33140	68111	Zinc	268.6845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33141	68111	Zinc	324.7456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33142	68111	Zinc	314.1546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33143	68111	Zinc	286.8138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33144	68111	Zinc	143.3725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33145	68111	Zinc	153.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33146	68111	Zinc	238.5491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33148	68111	Zinc	209.277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33149	68111	Zinc	274.1847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33150	68111	Zinc	156.678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33153	68111	Zinc	209.5529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33154	68111	Zinc	612.9365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33155	68111	Zinc	208.3514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33156	68111	Zinc	466.6917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33157	68111	Zinc	312.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33158	68111	Zinc	175.3947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33159	68111	Zinc	283.5564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33160	68111	Zinc	267.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33162	68111	Zinc	399.9239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33164	68111	Zinc	218.5419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33165	68111	Zinc	146.8346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33166	68111	Zinc	239.3323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33167	68111	Zinc	402.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33168	68111	Zinc	285.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33169	68111	Zinc	328.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33170	68111	Zinc	142.7851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33172	68111	Zinc	311.8584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33173	68111	Zinc	593.0628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33175	68111	Zinc	137.9524	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33177	68111	Zinc	214.1987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33179	68111	Zinc	514.5292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33180	68111	Zinc	1003.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
33181	68111	Zinc	172.0572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33182	68111	Zinc	416.2643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33185	68111	Zinc	105.8946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33186	68111	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33187	68111	Zinc	144.218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33188	68111	Zinc	162.6677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33189	68111	Zinc	157.0073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33190	68111	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33192	68111	Zinc	152.4416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33198	68111	Zinc	221.3276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33200	68111	Zinc	527.0337	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33201	68111	Zinc	393.8452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33202	68111	Zinc	128.821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33204	68111	Zinc	163.0059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33205	68111	Zinc	117.4201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33206	68111	Zinc	1019.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
33207	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33208	68111	Zinc	141.993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33210	68111	Zinc	207.6483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33211	68111	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33213	68111	Zinc	288.8519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33214	68111	Zinc	546.7205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33217	68111	Zinc	179.8002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33221	68111	Zinc	130.067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33222	68111	Zinc	324.7011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33223	68111	Zinc	660.4358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33224	68111	Zinc	299.2916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33226	68111	Zinc	259.7133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33228	68111	Zinc	183.6628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33230	68111	Zinc	170.8824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33233	68111	Zinc	155.6278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33235	68111	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33236	68111	Zinc	224.9944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33239	68111	Zinc	475.4226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33240	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33242	68111	Zinc	664.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33243	68111	Zinc	333.9215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33244	68111	Zinc	166.1476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33245	68111	Zinc	312.5793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33247	68111	Zinc	214.6971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33248	68111	Zinc	478.8847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33250	68111	Zinc	407.2842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33251	68111	Zinc	329.1956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33252	68111	Zinc	528.9917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33256	68111	Zinc	446.6311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33259	68111	Zinc	458.0409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33260	68111	Zinc	125.2432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33261	68111	Zinc	315.4273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33262	68111	Zinc	211.6622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33263	68111	Zinc	105.3962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33264	68111	Zinc	202.8245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33266	68111	Zinc	114.1716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33270	68111	Zinc	210.1492

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
33307	68111	Zinc	221.1941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33309	68111	Zinc	630.3983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33310	68111	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33312	68111	Zinc	621.2847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33313	68111	Zinc	220.6067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33314	68111	Zinc	361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33316	68111	Zinc	451.0366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33317	68111	Zinc	620	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33319	68111	Zinc	441.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33320	68111	Zinc	307.533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33321	68111	Zinc	222.3511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33324	68111	Zinc	326.935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33325	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33327	68111	Zinc	327.2554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33329	68111	Zinc	193.4884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33331	68111	Zinc	207.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33332	68111	Zinc	133.0218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33333	68111	Zinc	213.0684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33334	68111	Zinc	218.2037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33335	68111	Zinc	690.8471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33336	68111	Zinc	205.183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33339	68111	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33342	68111	Zinc	260.9504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33343	68111	Zinc	907.9715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33346	68111	Zinc	411.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33347	68111	Zinc	449.7461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33348	68111	Zinc	616.5321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33349	68111	Zinc	422.1472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33350	68111	Zinc	196.0872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33351	68111	Zinc	281.4738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33355	68111	Zinc	215.3468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33356	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33357	68111	Zinc	163.086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33358	68111	Zinc	306.9545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33360	68111	Zinc	196.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33361	68111	Zinc	255.201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33362	68111	Zinc	93.1409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33365	68111	Zinc	258.8055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33368	68111	Zinc	288.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33369	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33372	68111	Zinc	1237.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
33373	68111	Zinc	193.346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33374	68111	Zinc	196.2029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33377	68111	Zinc	165.3199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33378	68111	Zinc	438.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33380	68111	Zinc	530.9675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33382	68111	Zinc	277.718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33383	68111	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33384	68111	Zinc	147.2084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33385	68111	Zinc	722.7358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33386	68111	Zinc	618.3833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33389	68111	Zinc	317.5455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33390	68111	Zinc	149.1842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33391	68111	Zinc	201.534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33392	68111	Zinc	217.821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33395	68111	Zinc	286.262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33397	68111	Zinc	432.7293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33398	68111	Zinc	227.5665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33400	68111	Zinc	247.636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33401	68111	Zinc	325.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33405	68111	Zinc	155.6189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33406	68111	Zinc	593.3209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33407	68111	Zinc	334.055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33408	68111	Zinc	269.2719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33411	68111	Zinc	313.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33412	68111	Zinc	124.4155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33414	68111	Zinc	238.7093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33415	68111	Zinc	298.0011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33416	68111	Zinc	378.1011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33419	68111	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33424	68111	Zinc	153.8211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33425	68111	Zinc	219.6544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33429	68111	Zinc	351.8639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33430	68111	Zinc	551.9804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33431	68111	Zinc	265.6318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33432	68111	Zinc	391.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33433	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33436	68111	Zinc	518.4274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33437	68111	Zinc	233.4672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33438	68111	Zinc	211.9559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33439	68111	Zinc	325.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33441	68111	Zinc	224.229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33442	68111	Zinc	201.1691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33447	68111	Zinc	540.0099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33450	68111	Zinc	306.1802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33451	68111	Zinc	341.2106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33453	68111	Zinc	187.2228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33456	68111	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
33480	68111	Zinc	228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33482	68111	Zinc	636.744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33484	68111	Zinc	287.0808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33485	68111	Zinc	167.7496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33489	68111	Zinc	172.7959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33490	68111	Zinc	806.7073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33492	68111	Zinc	186.9736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33493	68111	Zinc	519.1305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33495	68111	Zinc	402.4871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33496	68111	Zinc	460.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33499	68111	Zinc	313.8253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33501	68111	Zinc	537.3488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33503	68111	Zinc	192.189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33504	68111	Zinc	242.2871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33506	68111	Zinc	255.8507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33511	68111	Zinc	204.6935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33515	68111	Zinc	179.8536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33517	68111	Zinc	566.1848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33520	68111	Zinc	524.5506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33521	68111	Zinc	343.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33522	68111	Zinc	402.4159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33523	68111	Zinc	177.4862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33525	68111	Zinc	290.1602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33526	68111	Zinc	272.4136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33530	68111	Zinc	240.9521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33531	68111	Zinc	210.7722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33534	68111	Zinc	412.4729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33538	68111	Zinc	173.7126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33542	68111	Zinc	449.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33544	68111	Zinc	278.2253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33545	68111	Zinc	245.7225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33546	68111	Zinc	261.1284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33549	68111	Zinc	191.0231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33551	68111	Zinc	462.6155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33552	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33556	68111	Zinc	224.7363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33558	68111	Zinc	183.8319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33559	68111	Zinc	277.6824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33561	68111	Zinc	532.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33564	68111	Zinc	396.0969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33565	68111	Zinc	205.6369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33566	68111	Zinc	243.9559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33567	68111	Zinc	181.5713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33569	68111	Zinc	278.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33570	68111	Zinc	185.7454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33571	68111	Zinc	361.3958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33572	68111	Zinc	223.1343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33573	68111	Zinc	199.309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33574	68111	Zinc	167.8297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33577	68111	Zinc	538.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33578	68111	Zinc	393.5871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33580	68111	Zinc	159.4726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33581	68111	Zinc	1040.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
33583	68111	Zinc	291.7444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33584	68111	Zinc	119.1022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33587	68111	Zinc	400.7516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33588	68111	Zinc	245.1351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33593	68111	Zinc	242.2426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33597	68111	Zinc	158.6538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33598	68111	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33600	68111	Zinc	236.5822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33601	68111	Zinc	216.8687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33603	68111	Zinc	388.8256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33604	68111	Zinc	122.0036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33607	68111	Zinc	268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33608	68111	Zinc	180.2096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33609	68111	Zinc	232.595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33610	68111	Zinc	752.2927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33612	68111	Zinc	221.7993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33614	68111	Zinc	212.7124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33618	68111	Zinc	294.8238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33619	68111	Zinc	177.6108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33621	68111	Zinc	180.2541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33623	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33628	68111	Zinc	287.8907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33630	68111	Zinc	664.8858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33631	68111	Zinc	236.1817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33633	68111	Zinc	314.9289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33634	68111	Zinc	486.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33637	68111	Zinc	262.2765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33641	68111	Zinc	181.865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33644	68111	Zinc	241.6374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33645	68111	Zinc	225.4216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33647	68111	Zinc	533.1035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33648	68111	Zinc	264.4837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33650	68111	Zinc	333.0582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33651	68111	Zinc	250.4128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33652	68111	Zinc	246.3989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
33671	68111	Zinc	192.3759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33672	68111	Zinc	292.3941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33673	68111	Zinc	158.1732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33674	68111	Zinc	483.842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33675	68111	Zinc	310.0695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33676	68111	Zinc	200.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33678	68111	Zinc	200.6351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33680	68111	Zinc	525.3427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33683	68111	Zinc	228.946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33685	68111	Zinc	299.0869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33686	68111	Zinc	281.5005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33689	68111	Zinc	648.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33690	68111	Zinc	268.5065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33696	68111	Zinc	577.9684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33701	68111	Zinc	213.282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33702	68111	Zinc	474.853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33703	68111	Zinc	364.5108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33704	68111	Zinc	464.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33705	68111	Zinc	359.4378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33707	68111	Zinc	267.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33708	68111	Zinc	249.2647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33710	68111	Zinc	319.2098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33711	68111	Zinc	242.1803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33712	68111	Zinc	315.1603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33713	68111	Zinc	816.2392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33715	68111	Zinc	154.1949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33716	68111	Zinc	191.1922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33717	68111	Zinc	213.6469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33719	68111	Zinc	200.4304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33720	68111	Zinc	639.948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33721	68111	Zinc	202.9046	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33722	68111	Zinc	127.4326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33723	68111	Zinc	393.7651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33724	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33727	68111	Zinc	512.4466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
33729	68111	Zinc	82.9326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
33730	68111	Zinc	244.9037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33733	68111	Zinc	128.4027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33734	68111	Zinc	177.0768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33736	68111	Zinc	168.7108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33737	68111	Zinc	157.3455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33738	68111	Zinc	173.7126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33740	68111	Zinc	709.7774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33741	68111	Zinc	256.8742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33742	68111	Zinc	641.5856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33743	68111	Zinc	192.0466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33744	68111	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33745	68111	Zinc	201.6497	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33746	68111	Zinc	162.7033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33750	68111	Zinc	367.5368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33751	68111	Zinc	192.4827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33752	68111	Zinc	247.0041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33753	68111	Zinc	169.227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33755	68111	Zinc	581.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33757	68111	Zinc	240.0888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33758	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33759	68111	Zinc	156.9272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33760	68111	Zinc	326.312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33761	68111	Zinc	203.7056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33763	68111	Zinc	575.7078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
33764	68111	Zinc	468.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33767	68111	Zinc	239.092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33768	68111	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33769	68111	Zinc	220.3664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33772	68111	Zinc	280	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33780	68111	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33781	68111	Zinc	379.8366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33782	68111	Zinc	356.216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33785	68111	Zinc	243.7378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33786	68111	Zinc	215.4447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33788	68111	Zinc	364.7511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33792	68111	Zinc	372.4585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33794	68111	Zinc	184.7397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33795	68111	Zinc	215.8986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33796	68111	Zinc	245.1084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33797	68111	Zinc	476.0634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33799	68111	Zinc	357.8803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33802	68111	Zinc	124.9495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33803	68111	Zinc	358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33804	68111	Zinc	244.6367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33805	68111	Zinc	250.1903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33806	68111	Zinc	335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33807	68111	Zinc	224.5939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33809	68111	Zinc	472.6547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33810	68111	Zinc	535.2306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33813	68111	Zinc	169.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33817	68111	Zinc	406.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33818	68111	Zinc	193	3.00E-01	--	3.00E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
33845	68111	Zinc	193.079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33848	68111	Zinc	203.492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33850	68111	Zinc	555.6116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33851	68111	Zinc	142.7673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33856	68111	Zinc	456.9195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33859	68111	Zinc	471.4443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
33861	68111	Zinc	159.8108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33863	68111	Zinc	199.3179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33865	68111	Zinc	274.247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33868	68111	Zinc	375.1819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33869	68111	Zinc	232.7641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33870	68111	Zinc	216.3614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33871	68111	Zinc	295.9452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33873	68111	Zinc	238.6381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33875	68111	Zinc	267.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33878	68111	Zinc	162.9525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33885	68111	Zinc	309.4376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33889	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33891	68111	Zinc	423.2508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33895	68111	Zinc	261.1907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33896	68111	Zinc	913.445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33899	68111	Zinc	349.8525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33900	68111	Zinc	463.2207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33901	68111	Zinc	160.3893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33903	68111	Zinc	346.1946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33908	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33910	68111	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33911	68111	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33913	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33915	68111	Zinc	386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33919	68111	Zinc	159.882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33923	68111	Zinc	128.1179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33924	68111	Zinc	304.1688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33930	68111	Zinc	217.7498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33931	68111	Zinc	199.042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33932	68111	Zinc	263.7183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33933	68111	Zinc	388.4162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33937	68111	Zinc	185.4784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33938	68111	Zinc	200.199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33939	68111	Zinc	344.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33942	68111	Zinc	108.5824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33944	68111	Zinc	544.0505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33945	68111	Zinc	161.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33947	68111	Zinc	235.7634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33948	68111	Zinc	444.4328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
33949	68111	Zinc	138.3084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33950	68111	Zinc	621.4271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
33951	68111	Zinc	179.8892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33953	68111	Zinc	159.3035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
33954	68111	Zinc	238.7538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33955	68111	Zinc	289.6796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
33956	68111	Zinc	316.0681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33957	68111	Zinc	425.7072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33959	68111	Zinc	209.3838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33964	68111	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33966	68111	Zinc	411.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
33967	68111	Zinc	563.319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33971	68111	Zinc	190.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33972	68111	Zinc	345.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
33973	68111	Zinc	1310.029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
33977	68111	Zinc	219.5921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
33978	68111	Zinc	124.3265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33981	68111	Zinc	305.5928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33983	68111	Zinc	211.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
33985	68111	Zinc	722.7002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
33987	68111	Zinc	110.4336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
33988	68111	Zinc	279.765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33989	68111	Zinc	557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
33992	68111	Zinc	369.3079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
33993	68111	Zinc	94.3068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
33995	68111	Zinc	259.028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33996	68111	Zinc	308.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
33997	68111	Zinc	248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
33998	68111	Zinc	351.1341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34001	68111	Zinc	335.4612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34003	68111	Zinc	357.8269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34004	68111	Zinc	265.5695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34005	68111	Zinc	367.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34006	68111	Zinc	224.9944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34008	68111	Zinc	291.0591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34011	68111	Zinc	249.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34014	68111	Zinc	261.8226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34015	68111	Zinc	294.183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34016	68111	Zinc	180.8059	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34017	68111	Zinc	258.9924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34018	68111	Zinc	266.6998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34019	68111	Zinc	414.3953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34021	68111	Zinc	588.0699	3.00E-01	--	3.00E-01	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
34044	68111	Zinc	214.5992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34051	68111	Zinc	265.258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34052	68111	Zinc	434.5716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34056	68111	Zinc	195.5176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34059	68111	Zinc	231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34060	68111	Zinc	408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34061	68111	Zinc	167.5716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34062	68111	Zinc	401.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34063	68111	Zinc	191.0409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34064	68111	Zinc	190.3734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34065	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34066	68111	Zinc	311.9118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34067	68111	Zinc	223.9709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34069	68111	Zinc	134.517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34070	68111	Zinc	288.8875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34074	68111	Zinc	475.0043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34075	68111	Zinc	224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34077	68111	Zinc	274.0512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34078	68111	Zinc	540.5083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34079	68111	Zinc	233.2625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34080	68111	Zinc	327.9852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34082	68111	Zinc	191.5393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34083	68111	Zinc	468.3382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34084	68111	Zinc	535.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34085	68111	Zinc	178.2872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34086	68111	Zinc	154.4797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34087	68111	Zinc	270.9807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34088	68111	Zinc	191.7529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34090	68111	Zinc	213.0684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34091	68111	Zinc	164.599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34094	68111	Zinc	282.1947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34095	68111	Zinc	264.0031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34099	68111	Zinc	693.4548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34101	68111	Zinc	254.8984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34103	68111	Zinc	360.2032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34105	68111	Zinc	534.6788	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34107	68111	Zinc	132.5679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34111	68111	Zinc	270.9095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34112	68111	Zinc	381.1449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34113	68111	Zinc	310.381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34118	68111	Zinc	457.4268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34119	68111	Zinc	171.8155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34120	68111	Zinc	360.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34125	68111	Zinc	509.9546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34126	68111	Zinc	269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34127	68111	Zinc	200.0121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34128	68111	Zinc	1978.241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
34129	68111	Zinc	259.7222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34130	68111	Zinc	170.1348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34131	68111	Zinc	265.8276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34135	68111	Zinc	359.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34136	68111	Zinc	199.2111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34137	68111	Zinc	408.8061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34139	68111	Zinc	590.4373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34140	68111	Zinc	246.9774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34141	68111	Zinc	320.7406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34142	68111	Zinc	277.9494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34143	68111	Zinc	236.4398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34144	68111	Zinc	296.9242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34145	68111	Zinc	205.005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34146	68111	Zinc	449.7728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34147	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34149	68111	Zinc	270.7315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34151	68111	Zinc	306.7587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34153	68111	Zinc	175.2968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34154	68111	Zinc	328.6972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34155	68111	Zinc	183.5827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34156	68111	Zinc	578.7605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34157	68111	Zinc	337.3747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34158	68111	Zinc	128.8388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34160	68111	Zinc	380.9224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34161	68111	Zinc	193.079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34163	68111	Zinc	400.0396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34164	68111	Zinc	314.8488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34165	68111	Zinc	145.6776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34169	68111	Zinc	235.3095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34170	68111	Zinc	601.7759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34173	68111	Zinc	289.3592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34179	68111	Zinc	153.9368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34180	68111	Zinc	135.2735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34181	68111	Zinc	128.9723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34182	68111	Zinc	267.1359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34183	68111	Zinc	407.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34184	68111	Zinc	387.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34186	68111	Zinc	207.0164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34187	68111	Zinc	210.6743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34192	68111	Zinc	239.6438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34193	68111	Zinc	324.4341	3.00E-01	--	3.00E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
34209	68111	Zinc	605.6385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34211	68111	Zinc	247.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34212	68111	Zinc	218.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34215	68111	Zinc	241.7175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34216	68111	Zinc	286.974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34217	68111	Zinc	169.6453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34219	68111	Zinc	124.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34220	68111	Zinc	263.7984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34221	68111	Zinc	514.7962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34222	68111	Zinc	481.3945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34223	68111	Zinc	209.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34224	68111	Zinc	251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34225	68111	Zinc	300.9203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34226	68111	Zinc	258.5474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34228	68111	Zinc	536.4232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34229	68111	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34231	68111	Zinc	595.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34233	68111	Zinc	311.7516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34234	68111	Zinc	386.4048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34238	68111	Zinc	513.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34247	68111	Zinc	290.3649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34248	68111	Zinc	359.9896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34250	68111	Zinc	371.9512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34251	68111	Zinc	502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34252	68111	Zinc	491.2201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34253	68111	Zinc	262.4011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34255	68111	Zinc	258.7343	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34257	68111	Zinc	574.3016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34258	68111	Zinc	353.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34259	68111	Zinc	353.8308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34314	68111	Zinc	484.4828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34315	68111	Zinc	280.1655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34317	68111	Zinc	558.6643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34320	68111	Zinc	225.7509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34326	68111	Zinc	106.5621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34327	68111	Zinc	436.9123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34329	68111	Zinc	649.9961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34331	68111	Zinc	407.9161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34333	68111	Zinc	483.1478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34334	68111	Zinc	611.3612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
34336	68111	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34342	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34344	68111	Zinc	275.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34347	68111	Zinc	901.5724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34348	68111	Zinc	411.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34351	68111	Zinc	451.6418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34355	68111	Zinc	166.468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34370	68111	Zinc	315.8812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34371	68111	Zinc	565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34372	68111	Zinc	389.0748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34373	68111	Zinc	501.1169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34374	68111	Zinc	366.3887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34376	68111	Zinc	245.8204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34377	68111	Zinc	267.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34380	68111	Zinc	274.9501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34382	68111	Zinc	227.7445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34383	68111	Zinc	428.0568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34384	68111	Zinc	435.8621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34385	68111	Zinc	423.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34386	68111	Zinc	271.4346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34387	68111	Zinc	401.8819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34389	68111	Zinc	416.9852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34391	68111	Zinc	284.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34392	68111	Zinc	337.4192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34393	68111	Zinc	287.1609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34395	68111	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34396	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34400	68111	Zinc	230.1119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34401	68111	Zinc	394.4415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34402	68111	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34403	68111	Zinc	485.5597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34404	68111	Zinc	392.0563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34406	68111	Zinc	273.8376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34407	68111	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34408	68111	Zinc	261.8938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34409	68111	Zinc	240.1778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34410	68111	Zinc	331.4918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34414	68111	Zinc	132.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34416	68111	Zinc	102.5037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34421	68111	Zinc	116.005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34422	68111	Zinc	140.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34423	68111	Zinc	254.934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34424	68111	Zinc	145.108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34425	68111	Zinc	127.3169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34426	68111	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34428	68111	Zinc	132.648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34429	68111	Zinc	207.1143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34430	68111	Zinc	184.1167	3.00E-01	--	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
34460	68111	Zinc	268.9515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34462	68111	Zinc	198.7394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34468	68111	Zinc	259.7133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34470	68111	Zinc	303.0029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34471	68111	Zinc	880.4082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34472	68111	Zinc	429.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34474	68111	Zinc	227.9047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34476	68111	Zinc	263.5848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34478	68111	Zinc	204.1417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34480	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34481	68111	Zinc	283.3339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34484	68111	Zinc	191.5838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34485	68111	Zinc	263.0953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34487	68111	Zinc	458.0409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34489	68111	Zinc	291.6821	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34490	68111	Zinc	195.5087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34491	68111	Zinc	327.6826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34492	68111	Zinc	351.855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34496	68111	Zinc	468.5785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34497	68111	Zinc	381.5543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34499	68111	Zinc	402.2913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34500	68111	Zinc	271.1142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34502	68111	Zinc	336.8229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34503	68111	Zinc	145.9891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34505	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34506	68111	Zinc	205.4144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34507	68111	Zinc	355.148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34509	68111	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34512	68111	Zinc	551.2061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34518	68111	Zinc	286.3866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34521	68111	Zinc	1196.554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
34522	68111	Zinc	376.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34523	68111	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34527	68111	Zinc	328.893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34535	68111	Zinc	416.736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34538	68111	Zinc	305.7708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34539	68111	Zinc	144.2002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34545	68111	Zinc	136.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34547	68111	Zinc	233.9656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34550	68111	Zinc	300.3685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34553	68111	Zinc	147.6267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34555	68111	Zinc	145.6687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34558	68111	Zinc	126.8452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34560	68111	Zinc	314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34562	68111	Zinc	119.0666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34565	68111	Zinc	259.2683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34568	68111	Zinc	270.5357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34570	68111	Zinc	128.287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34572	68111	Zinc	163.1394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34574	68111	Zinc	401.0008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34575	68111	Zinc	118.9064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34580	68111	Zinc	201.5785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34581	68111	Zinc	387.366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34583	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34586	68111	Zinc	219.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34591	68111	Zinc	301.214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34594	68111	Zinc	373.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34595	68111	Zinc	302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34599	68111	Zinc	271.1053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34600	68111	Zinc	267.2516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34605	68111	Zinc	726.1801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34606	68111	Zinc	186.671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34609	68111	Zinc	439.4755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34612	68111	Zinc	385.2567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34615	68111	Zinc	236.2885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34616	68111	Zinc	268.4887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34621	68111	Zinc	296.2656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34624	68111	Zinc	184.4282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34626	68111	Zinc	297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34627	68111	Zinc	483.5038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34628	68111	Zinc	1330.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
34629	68111	Zinc	170.0013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34635	68111	Zinc	493.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34639	68111	Zinc	280.8241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34648	68111	Zinc	105.4496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34651	68111	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34654	68111	Zinc	362.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34663	68111	Zinc	213.7715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34665	68111	Zinc	84.7215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
34668	68111	Zinc	241.5484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34669	68111	Zinc	172.6268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34670	68111	Zinc	238.024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34672	68111	Zinc	169.1202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34675	68111	Zinc	248.8553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34676	68111	Zinc	166.7439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34679	68111	Zinc	215.1332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34684	68111	Zinc	132.4433	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34685	68111	Zinc	184.5439	3.00E-01	--	3.00E-01

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
34709	68111	Zinc	99.451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
34711	68111	Zinc	412.464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34713	68111	Zinc	476.7131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34729	68111	Zinc	226.3383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34735	68111	Zinc	111.1545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34743	68111	Zinc	280.7974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34747	68111	Zinc	424.0696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34748	68111	Zinc	324.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34749	68111	Zinc	139.6345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34751	68111	Zinc	247.2177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34755	68111	Zinc	170.1882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34758	68111	Zinc	241.406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34759	68111	Zinc	272.9476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34766	68111	Zinc	306.8566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34767	68111	Zinc	476.1702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34771	68111	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34777	68111	Zinc	188.807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34778	68111	Zinc	282.9779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34780	68111	Zinc	483.6551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34781	68111	Zinc	271.4791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34784	68111	Zinc	317.6701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34790	68111	Zinc	536.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34792	68111	Zinc	203.1538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34794	68111	Zinc	203.4653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34797	68111	Zinc	50.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-04	8E-05
34799	68111	Zinc	588.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34801	68111	Zinc	151.9521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34805	68111	Zinc	233.4049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34812	68111	Zinc	292.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34814	68111	Zinc	232.6929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34817	68111	Zinc	187.8636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34820	68111	Zinc	288.8163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34822	68111	Zinc	256.7229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34826	68111	Zinc	439.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34827	68111	Zinc	480.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34829	68111	Zinc	221.0517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34830	68111	Zinc	551.3218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
34833	68111	Zinc	452.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
34835	68111	Zinc	197.1196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34836	68111	Zinc	262.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34852	68111	Zinc	233.574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34853	68111	Zinc	145.6687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34856	68111	Zinc	198.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34862	68111	Zinc	187.9882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34863	68111	Zinc	344.5303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34864	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34867	68111	Zinc	359.0373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34868	68111	Zinc	349.1672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34869	68111	Zinc	131.135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34872	68111	Zinc	127.0232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34874	68111	Zinc	122.3418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34876	68111	Zinc	119.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34881	68111	Zinc	212.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34884	68111	Zinc	107.8259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34887	68111	Zinc	287.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34888	68111	Zinc	387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34889	68111	Zinc	96.069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
34892	68111	Zinc	117.1264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34896	68111	Zinc	288.1221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34897	68111	Zinc	113.8868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34898	68111	Zinc	133.004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34904	68111	Zinc	766.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34908	68111	Zinc	382.8893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34911	68111	Zinc	236.1906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34916	68111	Zinc	322.7075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34917	68111	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34918	68111	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34920	68111	Zinc	412.2237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
34921	68111	Zinc	574.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34922	68111	Zinc	250.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34923	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34925	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34926	68111	Zinc	192.4649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34928	68111	Zinc	153.5185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34930	68111	Zinc	371.9512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34931	68111	Zinc	187.5432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34934	68111	Zinc	286.3777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34935	68111	Zinc	340.6944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34936	68111	Zinc	583.0414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
34938	68111	Zinc	287.1876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34940	68111	Zinc	205.1919	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34941	68111	Zinc	365.7212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
34942	68111	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34943	68111	Zinc	525.0401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
34944	68111	Zinc	770.0482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
34945	68111	Zinc	162.997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
34946	68111	Zinc	227.6377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34948	68111	Zinc	545.875	3.00E-01	--	3.00

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
34966	68111	Zinc	242.118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34968	68111	Zinc	301.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34971	68111	Zinc	495.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
34974	68111	Zinc	215.9431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34977	68111	Zinc	245.6691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
34979	68111	Zinc	292.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34981	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
34985	68111	Zinc	229.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
34990	68111	Zinc	288.7362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
34992	68111	Zinc	137.7032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34993	68111	Zinc	313.229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
34995	68111	Zinc	107.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
34996	68111	Zinc	369.4681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
34999	68111	Zinc	364.9558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35002	68111	Zinc	269.8504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35003	68111	Zinc	691.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35005	68111	Zinc	524.1857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35006	68111	Zinc	561.094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35011	68111	Zinc	313.7986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35014	68111	Zinc	455.1039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35023	68111	Zinc	496.5779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35024	68111	Zinc	235.4697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35026	68111	Zinc	327.7894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35029	68111	Zinc	179.2484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35032	68111	Zinc	313.1845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35034	68111	Zinc	364.7066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35035	68111	Zinc	150.1009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35039	68111	Zinc	896.0989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35041	68111	Zinc	179.551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35042	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35043	68111	Zinc	206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35050	68111	Zinc	166.7172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35054	68111	Zinc	588.2657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35055	68111	Zinc	186.2972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35056	68111	Zinc	274.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35059	68111	Zinc	286.5913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35061	68111	Zinc	853.0229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35066	68111	Zinc	209.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35072	68111	Zinc	233.0489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35073	68111	Zinc	339.4751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35077	68111	Zinc	492.5106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35079	68111	Zinc	129.8445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35082	68111	Zinc	272.6361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35083	68111	Zinc	121.4607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35089	68111	Zinc	387.7398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35094	68111	Zinc	321.6484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35095	68111	Zinc	341.5666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35097	68111	Zinc	307.8089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35099	68111	Zinc	188.2374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35101	68111	Zinc	258.3872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35104	68111	Zinc	396.1948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35106	68111	Zinc	363.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35107	68111	Zinc	867.4854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35108	68111	Zinc	247.6538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35109	68111	Zinc	387.0189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35112	68111	Zinc	1097.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
35115	68111	Zinc	224.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35117	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35118	68111	Zinc	113.2727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35119	68111	Zinc	485.9958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35121	68111	Zinc	380.7444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35123	68111	Zinc	332.542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35124	68111	Zinc	289.4037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35125	68111	Zinc	267.5097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35128	68111	Zinc	240.338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35130	68111	Zinc	306.1891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35133	68111	Zinc	406.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35136	68111	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35137	68111	Zinc	472.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35138	68111	Zinc	205.806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35141	68111	Zinc	326.5078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35142	68111	Zinc	233.4316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35144	68111	Zinc	457.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35145	68111	Zinc	153.474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35146	68111	Zinc	366.5667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35149	68111	Zinc	774.0621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35151	68111	Zinc	222.5736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35152	68111	Zinc	670.1635	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35154	68111	Zinc	312.7573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35155	68111	Zinc	314.5284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35156	68111	Zinc	474.2033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35161	68111	Zinc	266.3527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35162	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35163	68111	Zinc	271.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35164	68111	Zinc	270.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35165	68111	Zinc	486.3607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35167	68111	Zinc	203.0737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35173	68111	Zinc	747.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
35217	68111	Zinc	202.5842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35218	68111	Zinc	169.227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35222	68111	Zinc	398.5355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35223	68111	Zinc	257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35225	68111	Zinc	329.4448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35227	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35229	68111	Zinc	370.9811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35231	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35232	68111	Zinc	226.721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35233	68111	Zinc	208.4226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35236	68111	Zinc	294.895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35240	68111	Zinc	321.3814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35242	68111	Zinc	461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35247	68111	Zinc	186.9469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35251	68111	Zinc	268.2662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35252	68111	Zinc	353.0654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35262	68111	Zinc	289.644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35263	68111	Zinc	138.0592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35266	68111	Zinc	256.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35268	68111	Zinc	466.7006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35269	68111	Zinc	158.1109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35270	68111	Zinc	505.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35271	68111	Zinc	239.3323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35272	68111	Zinc	120.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35273	68111	Zinc	521.311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35275	68111	Zinc	263.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35277	68111	Zinc	455.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35279	68111	Zinc	465.4546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35281	68111	Zinc	195.9715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35284	68111	Zinc	481.5458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35285	68111	Zinc	483.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35287	68111	Zinc	407.4177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35288	68111	Zinc	288.4603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35290	68111	Zinc	313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35291	68111	Zinc	508.673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35293	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35294	68111	Zinc	216.9488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35295	68111	Zinc	229.7826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35296	68111	Zinc	695.9468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35301	68111	Zinc	455.1573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35305	68111	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35306	68111	Zinc	313.5405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35309	68111	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35310	68111	Zinc	323.4907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35311	68111	Zinc	260.541	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35314	68111	Zinc	227.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35316	68111	Zinc	425.3334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35317	68111	Zinc	261.7336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35322	68111	Zinc	212.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35324	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35328	68111	Zinc	288.4603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35329	68111	Zinc	308.067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35332	68111	Zinc	236.8225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35334	68111	Zinc	213.5579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35345	68111	Zinc	449.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35350	68111	Zinc	275.4307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35352	68111	Zinc	239.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35354	68111	Zinc	292.6789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35355	68111	Zinc	447.0049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35359	68111	Zinc	768.3483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35360	68111	Zinc	326.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35367	68111	Zinc	198.3567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35369	68111	Zinc	932.135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35373	68111	Zinc	197.0306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35375	68111	Zinc	332.5509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35376	68111	Zinc	298.3838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35378	68111	Zinc	281.7319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35382	68111	Zinc	337.0187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35385	68111	Zinc	311.3689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35387	68111	Zinc	151.1778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35393	68111	Zinc	244.5744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35394	68111	Zinc	188.6824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35398	68111	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35399	68111	Zinc	260.5143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35401	68111	Zinc	164.0205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35404	68111	Zinc	2660	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
35406	68111	Zinc	324.1938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35407	68111	Zinc	523.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35409	68111	Zinc	179.729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35411	68111	Zinc	457.2399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35412	68111	Zinc	150.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35414	68111	Zinc	297.9121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35415	68111	Zinc	193.9868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35417	68111	Zinc	250	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35418	68111	Zinc	235.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35425	68111	Zinc	367.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35427	68111	Zinc	210.6387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35428	68111	Zinc	335.4167	3.00E-01	--	3.00E-01	--	4.47E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
35458	68111	Zinc	441.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35460	68111	Zinc	456.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35462	68111	Zinc	171.4342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35466	68111	Zinc	230.6548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35468	68111	Zinc	359.9273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35469	68111	Zinc	467.9733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35470	68111	Zinc	411.5651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35473	68111	Zinc	281.8832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35474	68111	Zinc	541.0957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35475	68111	Zinc	318.6402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35483	68111	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35488	68111	Zinc	340.0981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35492	68111	Zinc	494.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35495	68111	Zinc	197.7604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35498	68111	Zinc	290.2848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35499	68111	Zinc	223.5259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35503	68111	Zinc	330.3259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35506	68111	Zinc	1208.658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
35507	68111	Zinc	307.4351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35509	68111	Zinc	250.2793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35511	68111	Zinc	174.7272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35513	68111	Zinc	192.0288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35517	68111	Zinc	352.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35518	68111	Zinc	205.4856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35519	68111	Zinc	208.1111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35521	68111	Zinc	218.0613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35529	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35534	68111	Zinc	306.7498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35535	68111	Zinc	324.5765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35536	68111	Zinc	581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35537	68111	Zinc	278.6436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35538	68111	Zinc	198.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35540	68111	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35545	68111	Zinc	201.6586	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35548	68111	Zinc	351.2231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35550	68111	Zinc	353.2345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35553	68111	Zinc	193.6753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35556	68111	Zinc	324.1315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35560	68111	Zinc	236.5199	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35561	68111	Zinc	411.3159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35563	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35564	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35565	68111	Zinc	591.1671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35567	68111	Zinc	720.0569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35571	68111	Zinc	280.477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35572	68111	Zinc	518.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35574	68111	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35575	68111	Zinc	281.456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35576	68111	Zinc	304.0086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35579	68111	Zinc	499.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35580	68111	Zinc	109.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35581	68111	Zinc	464.4044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35584	68111	Zinc	257.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35585	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35587	68111	Zinc	423.8827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35588	68111	Zinc	271.1142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35590	68111	Zinc	207.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35594	68111	Zinc	275.226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35596	68111	Zinc	224.4515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35599	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35600	68111	Zinc	137.0713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35601	68111	Zinc	247.8763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35602	68111	Zinc	173.855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35604	68111	Zinc	706.2263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35605	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35608	68111	Zinc	359.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35610	68111	Zinc	135.6651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35612	68111	Zinc	163.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35613	68111	Zinc	163.7713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35614	68111	Zinc	192.6874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35615	68111	Zinc	380.335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35619	68111	Zinc	351.5702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35620	68111	Zinc	157.2921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35623	68111	Zinc	282.0612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35624	68111	Zinc	213.3532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35626	68111	Zinc	226.2404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35630	68111	Zinc	367.252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35651	68111	Zinc	313.0065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35652	68111	Zinc	280.8953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35660	68111	Zinc	193.9423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35666	68111	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35672	68111	Zinc	1231.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
35675	68111	Zinc	239.982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35684	68111	Zinc	333.8414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35685	68111	Zinc	233.2002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35691	68111	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35692	68111	Zinc	110.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35698	68111	Zinc	507.4982	3.00E-01	--	3

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL	DERMAL	CTE		CTE									CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
35730	68111	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35735	68111	Zinc	182.7105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35736	68111	Zinc	534.661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
35740	68111	Zinc	254.8628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35743	68111	Zinc	429.552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35752	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35755	68111	Zinc	311.0485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35758	68111	Zinc	315.3205	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35761	68111	Zinc	176.5161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35768	68111	Zinc	228.8837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35773	68111	Zinc	289.3681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35775	68111	Zinc	189.6258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35776	68111	Zinc	165.0529	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35778	68111	Zinc	362.802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35781	68111	Zinc	531.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
35786	68111	Zinc	394.6106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35789	68111	Zinc	276.294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35794	68111	Zinc	299.078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35798	68111	Zinc	183.4314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35799	68111	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35801	68111	Zinc	323.7043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35802	68111	Zinc	216.9488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35803	68111	Zinc	230.3077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35807	68111	Zinc	224.4159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35810	68111	Zinc	488.9862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35811	68111	Zinc	255.5303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35813	68111	Zinc	172.3153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35819	68111	Zinc	177.4773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35820	68111	Zinc	202.3706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35821	68111	Zinc	156.3843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35822	68111	Zinc	115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35824	68111	Zinc	146.4252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35825	68111	Zinc	334.0817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35826	68111	Zinc	193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35828	68111	Zinc	233.0489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35829	68111	Zinc	220.2329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35830	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35831	68111	Zinc	355.5574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35832	68111	Zinc	190.4713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35833	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35836	68111	Zinc	201.5429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35837	68111	Zinc	132.0161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35839	68111	Zinc	173.8016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35843	68111	Zinc	230.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35844	68111	Zinc	251.7745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35845	68111	Zinc	731.1374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35848	68111	Zinc	160.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35849	68111	Zinc	190.142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35853	68111	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35856	68111	Zinc	341.0148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35858	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35859	68111	Zinc	299.2293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35863	68111	Zinc	176.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35867	68111	Zinc	164.1718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
35868	68111	Zinc	910.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35871	68111	Zinc	187.1694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35872	68111	Zinc	326.6146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35877	68111	Zinc	415.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35880	68111	Zinc	314.9378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35885	68111	Zinc	442.3324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
35886	68111	Zinc	623.0736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
35888	68111	Zinc	154.1593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35890	68111	Zinc	338.6741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35892	68111	Zinc	367.3054	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
35915	68111	Zinc	255.6015	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35921	68111	Zinc	501.8556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
35930	68111	Zinc	253.3765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35935	68111	Zinc	178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35936	68111	Zinc	207.4169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35943	68111	Zinc	435.0077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
35945	68111	Zinc	257.8265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
35947	68111	Zinc	186.8045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35948	68111	Zinc	875.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
35950	68111	Zinc	330.762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35958	68111	Zinc	298.1969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35961	68111	Zinc	285.0872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35964	68111	Zinc	620	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
35967	68111	Zinc	300.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
35969	68111	Zinc	231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35975	68111	Zinc	133.1998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
35977	68111	Zinc	216.6818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35981	68111	Zinc	303.6348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35984	68111	Zinc	575.156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
35987	68111	Zinc	338.6474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
35990	68111	Zinc	234.3572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
35992	68111	Zinc	214.1987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
35994	68111	Zinc	371.9512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
35997	68111	Zinc	499.9243	3.00E-01	--	3.00E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
36036	68111	Zinc	398.8292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36040	68111	Zinc	377.0242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36043	68111	Zinc	342.3053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36045	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36046	68111	Zinc	207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36051	68111	Zinc	164.7236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36056	68111	Zinc	187.472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36057	68111	Zinc	294.6814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36065	68111	Zinc	370.7853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36067	68111	Zinc	215.5248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36069	68111	Zinc	232.5416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36072	68111	Zinc	179.5955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36073	68111	Zinc	299.4162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36075	68111	Zinc	151.8097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36077	68111	Zinc	327.0329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36091	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36093	68111	Zinc	210.3806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36095	68111	Zinc	385.319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36098	68111	Zinc	258.5385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36100	68111	Zinc	183.3958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36101	68111	Zinc	302.193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36109	68111	Zinc	175.6083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36110	68111	Zinc	197.3065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36112	68111	Zinc	160.6474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36114	68111	Zinc	232.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36116	68111	Zinc	386.9655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36119	68111	Zinc	272.9298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36120	68111	Zinc	259.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36125	68111	Zinc	412.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36126	68111	Zinc	239.9108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36130	68111	Zinc	197.5112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36133	68111	Zinc	176.8365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36137	68111	Zinc	264.902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36138	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36139	68111	Zinc	324.3985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36141	68111	Zinc	247.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36144	68111	Zinc	394.9577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36147	68111	Zinc	212.481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36151	68111	Zinc	257.0344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36154	68111	Zinc	246.1675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36156	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36158	68111	Zinc	193.9957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36162	68111	Zinc	762.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36166	68111	Zinc	637.3047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36167	68111	Zinc	207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36177	68111	Zinc	180.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36186	68111	Zinc	196.6212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36188	68111	Zinc	126.774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36190	68111	Zinc	125.1186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36193	68111	Zinc	193.5062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36194	68111	Zinc	189.4834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36196	68111	Zinc	253.3409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36197	68111	Zinc	395.732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36198	68111	Zinc	197.7693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36199	68111	Zinc	445.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36201	68111	Zinc	180.8415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36202	68111	Zinc	232.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36203	68111	Zinc	267.2961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36204	68111	Zinc	126.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36207	68111	Zinc	641.8882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36208	68111	Zinc	277.5756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36209	68111	Zinc	431.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36210	68111	Zinc	270.7493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36212	68111	Zinc	119.6362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36213	68111	Zinc	277.4243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36217	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36218	68111	Zinc	378.1456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36220	68111	Zinc	119.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36221	68111	Zinc	265.169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36224	68111	Zinc	156.055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36232	68111	Zinc	295.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36233	68111	Zinc	701.4559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36236	68111	Zinc	211.1282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36238	68111	Zinc	208.1645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36239	68111	Zinc	127.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36243	68111	Zinc	138.5754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36246	68111	Zinc	709.2968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36247	68111	Zinc	307.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36249	68111	Zinc	428.0657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36251	68111	Zinc	256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36253	68111	Zinc	208.0043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36255	68111	Zinc	257.9778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36257	68111	Zinc	189.875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36258	68111	Zinc	191.1922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36259	68111	Zinc	834.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36260	68111	Zinc	326.1874	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36262	68111	Zinc	174.1754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36263	68111	Zinc	309.0104	3.00E-01	--	3.00E-01	--	4.47E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
36280	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36281	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36288	68111	Zinc	325.778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36289	68111	Zinc	125.1987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36298	68111	Zinc	261.4844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36300	68111	Zinc	276.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36302	68111	Zinc	185.1402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36305	68111	Zinc	177.3349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36309	68111	Zinc	147.4042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36311	68111	Zinc	207.5771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36313	68111	Zinc	257.9244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36315	68111	Zinc	229.6135	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36320	68111	Zinc	226.1336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36323	68111	Zinc	402.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36324	68111	Zinc	242.0379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36325	68111	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36329	68111	Zinc	135.8787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36330	68111	Zinc	325.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36331	68111	Zinc	245.6958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36337	68111	Zinc	118.3101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36340	68111	Zinc	286.1819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36341	68111	Zinc	294.1474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36351	68111	Zinc	275.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36353	68111	Zinc	176.169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36354	68111	Zinc	381.6611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36356	68111	Zinc	322.5117	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36358	68111	Zinc	348.2683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36366	68111	Zinc	90.3819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
36370	68111	Zinc	157.301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36372	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36383	68111	Zinc	371.1947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36386	68111	Zinc	623.0469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
36388	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36390	68111	Zinc	127.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36392	68111	Zinc	192.723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36394	68111	Zinc	515.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36396	68111	Zinc	318.4177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36399	68111	Zinc	730.0961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36402	68111	Zinc	387.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36405	68111	Zinc	168.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36408	68111	Zinc	473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
36409	68111	Zinc	628.4848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
36410	68111	Zinc	652.3546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36416	68111	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36419	68111	Zinc	249.4605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36427	68111	Zinc	206.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36430	68111	Zinc	450.6005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36431	68111	Zinc	203.9726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36437	68111	Zinc	494.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
36438	68111	Zinc	234.2326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36441	68111	Zinc	460.6753	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36442	68111	Zinc	454.8369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36444	68111	Zinc	210.4518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36446	68111	Zinc	435.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36448	68111	Zinc	495.5544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
36452	68111	Zinc	618.4545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
36464	68111	Zinc	214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36466	68111	Zinc	157.034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36467	68111	Zinc	379.4628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36470	68111	Zinc	518.4452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36473	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36474	68111	Zinc	527.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36478	68111	Zinc	404.6409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36479	68111	Zinc	326.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36489	68111	Zinc	400.6181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36493	68111	Zinc	593.0984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
36494	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36500	68111	Zinc	422.9393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36505	68111	Zinc	381.8035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36507	68111	Zinc	315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36510	68111	Zinc	273.268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36512	68111	Zinc	511.0226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36514	68111	Zinc	348.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36516	68111	Zinc	438.1227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36517	68111	Zinc	121.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36518	68111	Zinc	203.2873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36522	68111	Zinc	263.9853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36527	68111	Zinc	318.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36530	68111	Zinc	318.035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36531	68111	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36532	68111	Zinc	739.1474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36540	68111	Zinc	412.4729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36545	68111	Zinc	253.7948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36546	68111	Zinc	683.6292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36553	68111	Zinc	408.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
36557	68111	Zinc	333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36574	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36589	68111	Zinc	286.8227	3.00E-01	--	3.00E-01	--	4.47E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
36656	68111	Zinc	359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36677	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36678	68111	Zinc	316.5576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36679	68111	Zinc	191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36683	68111	Zinc	119.0132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36689	68111	Zinc	208.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36690	68111	Zinc	393.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36700	68111	Zinc	465.5614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36701	68111	Zinc	510.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36706	68111	Zinc	461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36709	68111	Zinc	564.4849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
36713	68111	Zinc	532.4093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
36715	68111	Zinc	621.1957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
36721	68111	Zinc	286.8939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36726	68111	Zinc	288.7451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36733	68111	Zinc	226.0891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
36747	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36749	68111	Zinc	449.9241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36755	68111	Zinc	213.9762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36769	68111	Zinc	443.8009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36774	68111	Zinc	405.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36781	68111	Zinc	313.852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36785	68111	Zinc	445.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
36789	68111	Zinc	179.4086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36793	68111	Zinc	198.063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36806	68111	Zinc	365.116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36807	68111	Zinc	304.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36810	68111	Zinc	257.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36817	68111	Zinc	648.5187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36819	68111	Zinc	261.431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36821	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36824	68111	Zinc	181.7315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36830	68111	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36832	68111	Zinc	235.1048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36836	68111	Zinc	378.4749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36844	68111	Zinc	291.5041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36845	68111	Zinc	271.2744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36846	68111	Zinc	208.3514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36855	68111	Zinc	266.3883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36856	68111	Zinc	188.6112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36861	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36869	68111	Zinc	264.6083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36873	68111	Zinc	174.122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36877	68111	Zinc	366.1128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36882	68111	Zinc	519.4776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36885	68111	Zinc	204.6757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36888	68111	Zinc	303.5369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36897	68111	Zinc	515.6951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
36899	68111	Zinc	288.2022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
36901	68111	Zinc	343.2131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36907	68111	Zinc	244.966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36911	68111	Zinc	381.4208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36916	68111	Zinc	353.3235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
36923	68111	Zinc	340.1871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
36927	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36931	68111	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36936	68111	Zinc	261.3954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36938	68111	Zinc	252.9137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36942	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36943	68111	Zinc	247.7428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36957	68111	Zinc	392.1631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
36958	68111	Zinc	637.8031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
36959	68111	Zinc	166.2188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
36960	68111	Zinc	169.9034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
36979	68111	Zinc	241.2814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36980	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
36985	68111	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
36988	68111	Zinc	300.235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37002	68111	Zinc	381.6166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37010	68111	Zinc	370.5895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37011	68111	Zinc	464.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37016	68111	Zinc	197.885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37018	68111	Zinc	276.6589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37019	68111	Zinc	229.3554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37020	68111	Zinc	295.4913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37023	68111	Zinc	434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37025	68111	Zinc	308.6722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37031	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37036	68111	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37037	68111	Zinc	336.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37045	68111	Zinc	247.9119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37048	68111	Zinc	206.6782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37049	68111	Zinc	298.2592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37050	68111	Zinc	757.8107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37053	68111	Zinc	429.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37054	68111	Zinc	313.2913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37062	68111	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37063	68111	Zinc	196.7992	3.00E-01	--	3.00E-01	--	4.47E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
37105	68111	Zinc	342.1629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37109	68111	Zinc	480.2909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
37111	68111	Zinc	382.026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37116	68111	Zinc	178.9013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37121	68111	Zinc	290.089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37122	68111	Zinc	397.601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37125	68111	Zinc	564.5828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
37126	68111	Zinc	251.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37128	68111	Zinc	1264.194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
37133	68111	Zinc	216.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37134	68111	Zinc	190.0975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37151	68111	Zinc	433.7528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37156	68111	Zinc	324.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37161	68111	Zinc	163.0237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37165	68111	Zinc	596.5338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
37168	68111	Zinc	323.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37169	68111	Zinc	192.2157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37170	68111	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37171	68111	Zinc	149.825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37175	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37176	68111	Zinc	765.5092	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37181	68111	Zinc	225.9467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37184	68111	Zinc	691.568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37189	68111	Zinc	342.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37191	68111	Zinc	308.2806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37193	68111	Zinc	215.329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37204	68111	Zinc	406.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37210	68111	Zinc	233.2358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37211	68111	Zinc	746.4365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37219	68111	Zinc	250	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37223	68111	Zinc	165.5691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37224	68111	Zinc	314.2614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37226	68111	Zinc	351.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37235	68111	Zinc	271.755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37237	68111	Zinc	134.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37259	68111	Zinc	308.1649	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37261	68111	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37265	68111	Zinc	172.6446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37271	68111	Zinc	332.5064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37276	68111	Zinc	332.186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37277	68111	Zinc	211.3863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37285	68111	Zinc	234.4373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37296	68111	Zinc	360.5948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37301	68111	Zinc	120.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37302	68111	Zinc	251.8546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37310	68111	Zinc	250.0301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37313	68111	Zinc	260.1138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37314	68111	Zinc	295.4468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37320	68111	Zinc	147.9827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37321	68111	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37333	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37335	68111	Zinc	315.454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37339	68111	Zinc	164.5545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37349	68111	Zinc	266.2726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37353	68111	Zinc	369.3435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37355	68111	Zinc	165.7827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37359	68111	Zinc	176.8454	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37361	68111	Zinc	248.1878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37365	68111	Zinc	390.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37367	68111	Zinc	836.3888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37385	68111	Zinc	140.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37389	68111	Zinc	191.2812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37399	68111	Zinc	589.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
37400	68111	Zinc	250.5997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37402	68111	Zinc	406.2518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37403	68111	Zinc	218.3105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37404	68111	Zinc	604.8197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
37406	68111	Zinc	243.2127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37414	68111	Zinc	519.5399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
37415	68111	Zinc	231.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37422	68111	Zinc	170.9803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37430	68111	Zinc	224.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37432	68111	Zinc	146.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37440	68111	Zinc	260.007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37452	68111	Zinc	180.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37454	68111	Zinc	234.4373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37459	68111	Zinc	1021.491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
37461	68111	Zinc	286.8761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37465	68111	Zinc	566.612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
37468	68111	Zinc	99.718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
37470	68111	Zinc	296.0876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37476	68111	Zinc	288.1132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37479	68111	Zinc	177.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37483	68111	Zinc	222.6003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37486	68111	Zinc	455.4421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37494	68111	Zinc	179.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37497	68111	Zinc	325.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37502	68111	Zinc	167.9365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
37550	68111	Zinc	117.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37552	68111	Zinc	1110.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
37577	68111	Zinc	387.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37579	68111	Zinc	305.7441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37582	68111	Zinc	222.3155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37588	68111	Zinc	140.8716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37589	68111	Zinc	295.5625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37592	68111	Zinc	239.5726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37601	68111	Zinc	288.309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37610	68111	Zinc	653.3781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37612	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37620	68111	Zinc	325.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37622	68111	Zinc	449.844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37623	68111	Zinc	238.4067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37627	68111	Zinc	261.3954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37633	68111	Zinc	316.7979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37636	68111	Zinc	320.7228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37639	68111	Zinc	300.858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37640	68111	Zinc	197.885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37641	68111	Zinc	539.1555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
37642	68111	Zinc	687.3227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37646	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37647	68111	Zinc	244.076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37648	68111	Zinc	449.0163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37649	68111	Zinc	485.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
37651	68111	Zinc	223.0097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37653	68111	Zinc	358.5122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37655	68111	Zinc	207.853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37658	68111	Zinc	248.9087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37659	68111	Zinc	282.5151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37662	68111	Zinc	353.5994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37666	68111	Zinc	626.2865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
37675	68111	Zinc	418.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37684	68111	Zinc	316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37691	68111	Zinc	246.5947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37698	68111	Zinc	370.278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37699	68111	Zinc	260.8347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37702	68111	Zinc	487.0727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
37722	68111	Zinc	418.6673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37730	68111	Zinc	385.052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37738	68111	Zinc	701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
37741	68111	Zinc	345.6072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37743	68111	Zinc	445.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37747	68111	Zinc	231.2422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37748	68111	Zinc	459.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37754	68111	Zinc	194.2805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37755	68111	Zinc	326.8905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37756	68111	Zinc	159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37758	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37760	68111	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37769	68111	Zinc	161.2882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37771	68111	Zinc	619.2021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
37775	68111	Zinc	323.3572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37776	68111	Zinc	265.1957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37780	68111	Zinc	312.161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37782	68111	Zinc	225.5017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37785	68111	Zinc	302.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37786	68111	Zinc	331.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37789	68111	Zinc	220.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37791	68111	Zinc	283.6632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37795	68111	Zinc	175.5816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37800	68111	Zinc	350.3598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37825	68111	Zinc	240.9254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37829	68111	Zinc	320.4825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37833	68111	Zinc	123.6145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37859	68111	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37862	68111	Zinc	172.7158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37882	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
37884	68111	Zinc	385.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37890	68111	Zinc	172.431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37892	68111	Zinc	203.9192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37899	68111	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
37901	68111	Zinc	277.5667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37905	68111	Zinc	578.6893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
37906	68111	Zinc	127.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
37907	68111	Zinc	447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
37914	68111	Zinc	209.3838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37920	68111	Zinc	315.5964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37922	68111	Zinc	347.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37923	68111	Zinc	410.684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
37927	68111	Zinc	290.2848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
37929	68111	Zinc	376.4991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37934	68111	Zinc	348.5442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
37939	68111	Zinc	378.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
37940	68111	Zinc	197.9829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
37942	68111	Zinc	279.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
37945	68111	Zinc	330.228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
37971	68111	Zinc	212.748	3.00E-01	--	3.00E-01	--	4.47E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
38030	68111	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38036	68111	Zinc	345.6161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38042	68111	Zinc	325.1283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38043	68111	Zinc	251.9347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38047	68111	Zinc	493.5519	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38049	68111	Zinc	448.9362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
38050	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38051	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38054	68111	Zinc	148.757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38055	68111	Zinc	188.0505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38059	68111	Zinc	301.214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38062	68111	Zinc	259.2505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38066	68111	Zinc	599.9158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
38068	68111	Zinc	223.8196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38080	68111	Zinc	513.7816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
38087	68111	Zinc	103.4471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38099	68111	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38103	68111	Zinc	242.6609	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38104	68111	Zinc	290.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38112	68111	Zinc	308.6455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38114	68111	Zinc	199.1399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38117	68111	Zinc	263.033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38121	68111	Zinc	332.9603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38123	68111	Zinc	212.3475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38134	68111	Zinc	278.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38140	68111	Zinc	210.4073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38141	68111	Zinc	169.8678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38142	68111	Zinc	185.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38144	68111	Zinc	484.7943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38149	68111	Zinc	553.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
38150	68111	Zinc	531.8664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
38152	68111	Zinc	1222.987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
38157	68111	Zinc	229.0973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38168	68111	Zinc	306.8121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38171	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38172	68111	Zinc	360.6037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38174	68111	Zinc	184.1078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38175	68111	Zinc	381.8836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38177	68111	Zinc	139.1005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38179	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38181	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38182	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38184	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38185	68111	Zinc	267.839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38186	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38191	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38199	68111	Zinc	123.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38200	68111	Zinc	282.4439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38201	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38202	68111	Zinc	178.9814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38206	68111	Zinc	214.7861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38207	68111	Zinc	265.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38210	68111	Zinc	463.3987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
38213	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38214	68111	Zinc	146.4074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38216	68111	Zinc	179.6222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38218	68111	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38221	68111	Zinc	200.7953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38222	68111	Zinc	371.3816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38224	68111	Zinc	277.2552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38228	68111	Zinc	201.6141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38230	68111	Zinc	179.2751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38231	68111	Zinc	356.1893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38253	68111	Zinc	203.8213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38254	68111	Zinc	238.7716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38261	68111	Zinc	619.7094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
38265	68111	Zinc	307.1859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38268	68111	Zinc	187.3652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38269	68111	Zinc	362.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38271	68111	Zinc	390.2318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38274	68111	Zinc	264.1544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38281	68111	Zinc	139.7146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38286	68111	Zinc	352.9764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38291	68111	Zinc	578.8673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
38294	68111	Zinc	491.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38300	68111	Zinc	219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38304	68111	Zinc	302.4333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38316	68111	Zinc	150.3501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38320	68111	Zinc	256.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38356	68111	Zinc	457.8451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
38359	68111	Zinc	175.7151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38363	68111	Zinc	200.0388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38369	68111	Zinc	205.2542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38372	68111	Zinc	296.4792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38375	68111	Zinc	207.3279	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38379	68111	Zinc	303.8306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38383	68111	Zinc	581.5106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
38392	68111	Zinc	342.5456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
38421	68111	Zinc	372.058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38425	68111	Zinc	347.1825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38426	68111	Zinc	268.5065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38429	68111	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38437	68111	Zinc	355.1124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38439	68111	Zinc	170.3306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38440	68111	Zinc	549.0256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
38446	68111	Zinc	293.4087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38449	68111	Zinc	364.315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38452	68111	Zinc	278.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38456	68111	Zinc	208.8409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38478	68111	Zinc	212.5789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38485	68111	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38486	68111	Zinc	209.2414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38489	68111	Zinc	255.4235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38492	68111	Zinc	343.7827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38495	68111	Zinc	244.7791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38500	68111	Zinc	293.0349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38504	68111	Zinc	162.3651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38508	68111	Zinc	213.7448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38511	68111	Zinc	233.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38520	68111	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38522	68111	Zinc	317.0738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38524	68111	Zinc	399.7014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38525	68111	Zinc	311.9296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38527	68111	Zinc	302.7537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38528	68111	Zinc	239.0475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38530	68111	Zinc	982.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
38536	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38543	68111	Zinc	262.1341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38546	68111	Zinc	499.3725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38551	68111	Zinc	300.7423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38568	68111	Zinc	382.6668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38572	68111	Zinc	528.6001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
38581	68111	Zinc	299.8701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38582	68111	Zinc	488.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38585	68111	Zinc	144.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38587	68111	Zinc	290.712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38592	68111	Zinc	285.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38593	68111	Zinc	231.082	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38607	68111	Zinc	205.2097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38613	68111	Zinc	291.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38615	68111	Zinc	377.5226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38618	68111	Zinc	158.0664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
38619	68111	Zinc	332.6043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38621	68111	Zinc	290.5162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38623	68111	Zinc	221.9595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38627	68111	Zinc	201.8722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38632	68111	Zinc	237.3476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38639	68111	Zinc	490.4725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38645	68111	Zinc	349.2384	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38648	68111	Zinc	373.9448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38652	68111	Zinc	472.895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38653	68111	Zinc	322.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38660	68111	Zinc	344.3701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38700	68111	Zinc	337.0543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38706	68111	Zinc	276.8013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38708	68111	Zinc	249.683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38709	68111	Zinc	700.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38713	68111	Zinc	502.6032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38715	68111	Zinc	385.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38716	68111	Zinc	353.2523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38718	68111	Zinc	507.3469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
38721	68111	Zinc	194.7255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38724	68111	Zinc	188.5578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38726	68111	Zinc	400.1019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38729	68111	Zinc	422.9126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38731	68111	Zinc	292.6878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38735	68111	Zinc	202.8334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38737	68111	Zinc	471.5867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38744	68111	Zinc	296.5682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38746	68111	Zinc	299.523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38754	68111	Zinc	204.3642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38759	68111	Zinc	310.6569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38760	68111	Zinc	324.1582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38762	68111	Zinc	430.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38767	68111	Zinc	252.0504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38769	68111	Zinc	170.4552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38775	68111	Zinc	728.8145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
38776	68111	Zinc	387.989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38780	68111	Zinc	190	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38781	68111	Zinc	386.3603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38784	68111	Zinc	375.7604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38786	68111	Zinc	247.7072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38789	68111	Zinc	328.9108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38792	68111	Zinc	416.2376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38805	68111	Zinc	347.3872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
38809	68111	Zinc	644.576	3.00E-01	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
38859	68111	Zinc	325.5911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38862	68111	Zinc	120.989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
38864	68111	Zinc	276.4453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38866	68111	Zinc	384.4557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38867	68111	Zinc	474.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
38874	68111	Zinc	298.0545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
38881	68111	Zinc	383.3521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
38884	68111	Zinc	217.999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38886	68111	Zinc	203.5899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38891	68111	Zinc	313.3269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
38895	68111	Zinc	230.3166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
38899	68111	Zinc	418.3113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
38903	68111	Zinc	568.1784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
38914	68111	Zinc	262.6859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
38915	68111	Zinc	206.1353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
38930	68111	Zinc	137.009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49155	68111	Zinc	413.4875	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49162	68111	Zinc	257.0522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49163	68111	Zinc	276.2317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49168	68111	Zinc	109.8017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49169	68111	Zinc	216.2546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49203	68111	Zinc	363.425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49238	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49311	68111	Zinc	244.699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49312	68111	Zinc	374.7013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49313	68111	Zinc	380.85565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49314	68111	Zinc	270	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49316	68111	Zinc	161.0123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49319	68111	Zinc	446.1327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49321	68111	Zinc	203.2517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49322	68111	Zinc	226.6854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49323	68111	Zinc	371.9957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49324	68111	Zinc	97.9202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49325	68111	Zinc	523.8208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49326	68111	Zinc	328.804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49327	68111	Zinc	186.5464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49328	68111	Zinc	253.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49340	68111	Zinc	156.2775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49341	68111	Zinc	97.9647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
49345	68111	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49352	68111	Zinc	515.3658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49353	68111	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49354	68111	Zinc	371.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50001	68111	Zinc	173.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50002	68111	Zinc	214.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50003	68111	Zinc	186.315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50004	68111	Zinc	153.207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50006	68111	Zinc	178.839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50010	68111	Zinc	216.7263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50013	68111	Zinc	244.254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50014	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50015	68111	Zinc	146.176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50016	68111	Zinc	113.958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50017	68111	Zinc	255.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50018	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50019	68111	Zinc	390.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50020	68111	Zinc	208.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50021	68111	Zinc	233.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50022	68111	Zinc	201.534	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50023	68111	Zinc	298.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50024	68111	Zinc	172.965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50025	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50026	68111	Zinc	236.778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50027	68111	Zinc	223.428	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50028	68111	Zinc	121.701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50029	68111	Zinc	145.019	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50030	68111	Zinc	183.111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50033	68111	Zinc	163.086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50035	68111	Zinc	353.3947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
50038	68111	Zinc	529.1252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
50040	68111	Zinc	311.2977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50041	68111	Zinc	152.317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50042	68111	Zinc	158.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50043	68111	Zinc	100.163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50044	68111	Zinc	117.518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50045	68111	Zinc	183.3869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50046	68111	Zinc	140.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50047	68111	Zinc	176.2224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50048	68111	Zinc	97.849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50049	68111	Zinc	121.345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50050	68111	Zinc	115.827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50051	68111	Zinc	207.942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50052	68111	Zinc	152.495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50053	68111	Zinc	147.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50054	68111	Zinc	126.685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50055	68111	Zinc	98.561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50056	68111	Zinc	137.899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50057	68111	Zinc	133.271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50068	68111	Zinc	211.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50069	68111	Zinc	136.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50071	68111	Zinc	113.513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50072	68111	Zinc	99.006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50073	68111	Zinc	93.577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50074	68111	Zinc	95.535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50075	68111	Zinc	210.6298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50076	68111	Zinc	114.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50077	68111	Zinc	145.375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50078	68111	Zinc	85.745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50079	68111	Zinc	126.685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50080	68111	Zinc	107.995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50081	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50082	68111	Zinc	156.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50083	68111	Zinc	141.993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50084	68111	Zinc	141.6904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50085	68111	Zinc	159.8464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50086	68111	Zinc	114.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50087	68111	Zinc	167.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50088	68111	Zinc	197.707	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50089	68111	Zinc	108.351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50090	68111	Zinc	110.131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50092	68111	Zinc	134.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50093	68111	Zinc	152.851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50094	68111	Zinc	100.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50095	68111	Zinc	142.616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50096	68111	Zinc	148.579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50097	68111	Zinc	188.8248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50098	68111	Zinc	99.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50099	68111	Zinc	295.162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50100	68111	Zinc	168.426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50101	68111	Zinc	96.603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
50102	68111	Zinc	252.6378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50103	68111	Zinc	160.0778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50104	68111	Zinc	183.1288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50105	68111	Zinc	129.444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50106	68111	Zinc	191.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50107	68111	Zinc	181.865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50108	68111	Zinc	166.7083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50109	68111	Zinc	228.5188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50110	68111	Zinc	115.738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50111	68111	Zinc	261.698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50112	68111	Zinc	172.8671	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50113	68111	Zinc	165.1864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50114	68111	Zinc	177.2548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50115	68111	Zinc	153.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50116	68111	Zinc	140.8004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50117	68111	Zinc	141.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50118	68111	Zinc	380.4418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50119	68111	Zinc	125.083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50120	68111	Zinc	161.4662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50121	68111	Zinc	276.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50122	68111	Zinc	168.8532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50123	68111	Zinc	192.367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50124	68111	Zinc	148.7926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50125	68111	Zinc	138.6377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50126	68111	Zinc	125.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50127	68111	Zinc	231.1888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50128	68111	Zinc	137.4273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50129	68111	Zinc	221.5857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50130	68111	Zinc	400.7249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50131	68111	Zinc	270.0195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50132	68111	Zinc	303.2165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50133	68111	Zinc	276.5877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50145	68111	Zinc	201.4005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50146	68111	Zinc	164.1985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50148	68111	Zinc	191.00975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50149	68111	Zinc	197.2531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50150	68111	Zinc	1064.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
50151	68111	Zinc	186.8579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50152	68111	Zinc	203.3229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50355	68111	Zinc	150.359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50356	68111	Zinc	177.6909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50363	68111	Zinc	188.9405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50364	68111	Zinc	157.4256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50369	68111	Zinc	138.255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50378	68111	Zinc	206.3133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50383	68111	Zinc	188.2285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50384	68111	Zinc	224.6829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50391	68111	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50393	68111	Zinc	252.5488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50397	68111	Zinc	196.7814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50398	68111	Zinc	190.2666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50399	68111	Zinc	181.3488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50402	68111	Zinc	164.4655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50403	68111	Zinc	330.0945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50404	68111	Zinc	153.1714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50405	68111	Zinc	320.705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50416	68111	Zinc	235.9681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50417	68111	Zinc	155.6189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50418	68111	Zinc	215.4803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50419	68111	Zinc	167.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50424	68111	Zinc	199.576	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50428	68111	Zinc	228.7413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50431	68111	Zinc	228.3319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
50432	68111	Zinc	179.3997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50434	68111	Zinc	187.3741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50435	68111	Zinc	186.315	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50442	68111	Zinc	316.2728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50447	68111	Zinc	304.6227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50475	68111	Zinc	134.5437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50502	68111	Zinc	264.7151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
50507	68111	Zinc	332.4352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50519	68111	Zinc	191.566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50564	68111	Zinc	86.2968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
50612	68111	Zinc	158.2177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
50650	68111	Zinc	442.4392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
52413	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
57755	68111	Zinc	458.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
57756	68111	Zinc	290.9256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
58433	68111	Zinc	120.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
58439	68111	Zinc	5647.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
61621	68111	Zinc	205.4233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
63239	68111	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
63248	68111	Zinc	112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
63640	68111	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
63736	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
63751	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
63752	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
64031	68111	Zinc	1164.425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
65483	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
68066	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
68067	68111	Zinc	129.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
68070	68111	Zinc	226.5964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
68498	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
68686	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
68689	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
68930	68111	Zinc	354.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
73737	68111	Zinc	482.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
73862	68111	Zinc	105.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
73865	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
74264	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
74664	68111	Zinc	394.575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
74834	68111	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
74835	68111	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
74839	68111	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
74841	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
75011	68111	Zinc	313.4248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
75648	68111	Zinc	79.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
77146	68111	Zinc	185.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
77760	68111	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
79655	68111	Zinc	860.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
79703	68111	Zinc	224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
79704	68111	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
82429	68111	Zinc	622.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
82430	68111	Zinc	346.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
83717	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
86655	68111	Zinc	97.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
87599	68111	Zinc	249.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
87761	68111	Zinc	306.9545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
87901	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89447	68111	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
89598	68111	Zinc	1479.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
89835	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89893	68111	Zinc	279.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
89895	68111	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89996	68111	Zinc	447.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
90022	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
90023	68111	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
90107	68111	Zinc	128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90373	68111	Zinc	138.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90375	68111	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90528	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
90975	68111	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
91234	68111	Zinc	192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91331	68111	Zinc	596.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
91335	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91416	68111	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
91926	68111	Zinc	130.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
91927	68111	Zinc	101.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
15	68131	Zinc	885.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
29	68131	Zinc	579.784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
61	68131	Zinc	93.488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
63	68131	Zinc	446.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
120	68131	Zinc	322.752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
160	68131	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
825	68131	Zinc	260.452	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
896	68131	Zinc	103.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
906	68131	Zinc	340.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
949	68131	Zinc	230.548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
955	68131	Zinc	277.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
968	68131	Zinc	168.871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
974	68131	Zinc	228.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
1006	68131	Zinc	210.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1080	68131	Zinc	288.398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1088	68131	Zinc	390.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1112	68131	Zinc	170.206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1113	68131	Zinc	299.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1198	68131	Zinc	194.859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1216	68131	Zinc	381.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
1231	68131	Zinc	282.702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
1304	68131	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1516	68131	Zinc	277.718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2079	68131	Zinc	122.502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2086	68131	Zinc	350.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2097	68131	Zinc	173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2100	68131	Zinc	287.508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2155	68131	Zinc	302.7537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2156	68131	Zinc	169.405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2165	68131	Zinc	1100	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2168	68131	Zinc	130.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2200	68131	Zinc	286.974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2282	68131	Zinc	212.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2321	68131	Zinc	162.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2335	68131	Zinc	1061.897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
2341	68131	Zinc	393.4269	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2361	68131	Zinc	532.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
2368	68131	Zinc	324.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2412	68131	Zinc	603.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
2413	68131	Zinc	326.6502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
2417	68131	Zinc	133.7516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2419	68131	Zinc	396.1147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
2423	68131	Zinc	162.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2426	68131	Zinc	351.1252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2428	68131	Zinc	289.5016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
2429	68131	Zinc	141.4679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
2430	68131	Zinc	159.6862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
3050	68131	Zinc	285.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
3056	68131	Zinc	216.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3071	68131	Zinc	799.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
3142	68131	Zinc	326.846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
3144	68131	Zinc	206.073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
3179	68131	Zinc	273.3125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
3221	68131	Zinc	407.302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5017	68131	Zinc	212.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5036	68131	Zinc	169.138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5037	68131	Zinc	212.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5045	68131	Zinc	190.231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5047	68131	Zinc	425.992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5063	68131	Zinc	205.628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5082	68131	Zinc	304.774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5096	68131	Zinc	153.385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5150	68131	Zinc	448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5151	68131	Zinc	269.352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5153	68131	Zinc	323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5154	68131	Zinc	670.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5186	68131	Zinc	308.512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5187	68131	Zinc	281.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5188	68131	Zinc	335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5195	68131	Zinc	476.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5196	68131	Zinc	332.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5197	68131	Zinc	224.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5259	68131	Zinc	684.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5260	68131	Zinc	342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5265	68131	Zinc	478.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5266	68131	Zinc	245.322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5267	68131	Zinc	635.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
5269	68131	Zinc	311.716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5270	68131	Zinc	725.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
5271	68131	Zinc	467.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
5272	68131	Zinc	420.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
5275	68131	Zinc	321.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5276	68131	Zinc	560.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
5277	68131	Zinc	351.588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
5278	68131	Zinc	219.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5297	68131	Zinc	160.1846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
5298	68131	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5299	68131	Zinc	242.474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																					
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
5685	68131	Zinc	475.3158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5688	68131	Zinc	529.3032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
22791	68131	Zinc	219.0136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22793	68131	Zinc	260.808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22794	68131	Zinc	251.0803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22797	68131	Zinc	72.5285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22809	68131	Zinc	184.7931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22814	68131	Zinc	194.9213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22835	68131	Zinc	265.6407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22839	68131	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22843	68131	Zinc	192.8654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22845	68131	Zinc	286.8672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22846	68131	Zinc	399.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22848	68131	Zinc	263.6471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22855	68131	Zinc	283.6721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22856	68131	Zinc	253.866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22857	68131	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22858	68131	Zinc	140.6491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22865	68131	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22867	68131	Zinc	190.7561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22869	68131	Zinc	791.3726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22870	68131	Zinc	141.4679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22871	68131	Zinc	391.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22872	68131	Zinc	244.9393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22874	68131	Zinc	433.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22875	68131	Zinc	415.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22878	68131	Zinc	233.3248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22880	68131	Zinc	493.8278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
22881	68131	Zinc	355.9757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
22895	68131	Zinc	226.8812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22902	68131	Zinc	447.0316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
22906	68131	Zinc	383.6191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22907	68131	Zinc	403.653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22910	68131	Zinc	244.3608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22912	68131	Zinc	530.2911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
22913	68131	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22914	68131	Zinc	341.4776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22915	68131	Zinc	289.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22916	68131	Zinc	256.7941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22929	68131	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22944	68131	Zinc	171.3096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22947	68131	Zinc	311.2888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22948	68131	Zinc	190.3289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22949	68131	Zinc	216.308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22952	68131	Zinc	524.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
22958	68131	Zinc	326.935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22959	68131	Zinc	152.6552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22963	68131	Zinc	362.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
22965	68131	Zinc	272.3513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22966	68131	Zinc	163.1305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
22967	68131	Zinc	791.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22969	68131	Zinc	195.4197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22970	68131	Zinc	259.4107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22971	68131	Zinc	378.4749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22974	68131	Zinc	420.1981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22977	68131	Zinc	178.7856	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22980	68131	Zinc	140.2041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22981	68131	Zinc	247.1643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22984	68131	Zinc	251.5698	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22989	68131	Zinc	148.5434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22990	68131	Zinc	217.5608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22994	68131	Zinc	406.3408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22995	68131	Zinc	262.3922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22997	68131	Zinc	293.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22999	68131	Zinc	231.0108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23002	68131	Zinc	379.5162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23003	68131	Zinc	281.0733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23007	68131	Zinc	304.1688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23009	68131	Zinc	252.8514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23010	68131	Zinc	236.3775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23016	68131	Zinc	592.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
23018	68131	Zinc	234.553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23023	68131	Zinc	260.6122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23025	68131	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23028	68131	Zinc	171.7902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23031	68131	Zinc	249.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23032	68131	Zinc	654.9356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23042	68131	Zinc	366.3709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23043	68131	Zinc	407.391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23044	68131	Zinc	331.4295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23045	68131	Zinc	330.406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23046	68131	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23051	68131	Zinc	116.3521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23056	68131	Zinc	466.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23059	68131	Zinc	276.3385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23069	68131	Zinc	335.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23072	68131	Zinc	211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23074	68131

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23100	68131	Zinc	227.789	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23102	68131	Zinc	356.2071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23103	68131	Zinc	202.5397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23107	68131	Zinc	197.4578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23108	68131	Zinc	189.1363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23109	68131	Zinc	121.6832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23110	68131	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23111	68131	Zinc	313.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23112	68131	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23113	68131	Zinc	265.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23114	68131	Zinc	695.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23118	68131	Zinc	222.716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23120	68131	Zinc	212.9527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23121	68131	Zinc	172.7781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23122	68131	Zinc	266.5396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23123	68131	Zinc	287.5881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23124	68131	Zinc	244.5655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23125	68131	Zinc	366.2018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23128	68131	Zinc	996.215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
23131	68131	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23133	68131	Zinc	151.4982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23134	68131	Zinc	130.9926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23135	68131	Zinc	249.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23136	68131	Zinc	172.6802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23139	68131	Zinc	533.3171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23141	68131	Zinc	232.1055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23142	68131	Zinc	192.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23143	68131	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23144	68131	Zinc	377.4069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23145	68131	Zinc	330	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23146	68131	Zinc	271.132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23147	68131	Zinc	104.0256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23149	68131	Zinc	819.4432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23150	68131	Zinc	264.9109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23152	68131	Zinc	411.3515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23153	68131	Zinc	2760	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23154	68131	Zinc	310.826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23155	68131	Zinc	251.5965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23156	68131	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23157	68131	Zinc	320.3846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23158	68131	Zinc	208.5561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23161	68131	Zinc	210.9324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23162	68131	Zinc	427.0333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23163	68131	Zinc	287.8106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23164	68131	Zinc	253.7414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23165	68131	Zinc	213.4422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23166	68131	Zinc	513.2743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23167	68131	Zinc	266.3349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23168	68131	Zinc	434.0643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23171	68131	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23172	68131	Zinc	218.2304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23173	68131	Zinc	192.7141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23174	68131	Zinc	460.6041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23175	68131	Zinc	209.8466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23177	68131	Zinc	462.7312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23178	68131	Zinc	311.449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23179	68131	Zinc	232.7374	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23180	68131	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23183	68131	Zinc	360.3723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23184	68131	Zinc	230.1653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23186	68131	Zinc	321.2924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23187	68131	Zinc	328.4569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23188	68131	Zinc	541.0601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23190	68131	Zinc	146.8969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23191	68131	Zinc	547.7262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23198	68131	Zinc	380.958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23200	68131	Zinc	104.4172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23205	68131	Zinc	151.249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23206	68131	Zinc	682.2675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23207	68131	Zinc	824.9879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23208	68131	Zinc	199.843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23209	68131	Zinc	187.739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23210	68131	Zinc	516.1312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23211	68131	Zinc	331.8656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23212	68131	Zinc	503.0304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23213	68131	Zinc	396.4351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23214	68131	Zinc	303.5636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23216	68131	Zinc	187.027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23217	68131	Zinc	312.3568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23218	68131	Zinc	248.4726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23219	68131	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23221	68131	Zinc	196.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23222	68131	Zinc	143.9777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23224	68131	Zinc	553.0662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23226	68131	Zinc	414.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23230	68131	Zinc	193.7554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23231	68131	Zinc	145.108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23232	68131	Zinc	178.5809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE										
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
23248	68131	Zinc	257.1946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23249	68131	Zinc	200.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23252	68131	Zinc	388.5853	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23253	68131	Zinc	381.7768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23254	68131	Zinc	278.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23255	68131	Zinc	480.8516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23256	68131	Zinc	219.2984	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23258	68131	Zinc	234.9535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23260	68131	Zinc	134.339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23262	68131	Zinc	174.1932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23263	68131	Zinc	162.463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23264	68131	Zinc	109.4724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23266	68131	Zinc	554.7483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23267	68131	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23268	68131	Zinc	163.2462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23269	68131	Zinc	373.7045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23270	68131	Zinc	152.1568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23271	68131	Zinc	219.957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23273	68131	Zinc	482.3468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23274	68131	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23275	68131	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23276	68131	Zinc	170.6243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23277	68131	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23280	68131	Zinc	366.1751	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23281	68131	Zinc	228.234	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23285	68131	Zinc	317.0204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23286	68131	Zinc	603.8407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23288	68131	Zinc	206.4646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23289	68131	Zinc	289.1723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23292	68131	Zinc	400.2265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23293	68131	Zinc	506.359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23294	68131	Zinc	551.3485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23295	68131	Zinc	170.8824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23296	68131	Zinc	358.8326	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23297	68131	Zinc	262.5079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23301	68131	Zinc	530	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23302	68131	Zinc	143.2835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23303	68131	Zinc	228.1094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23308	68131	Zinc	284.2862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23310	68131	Zinc	281.1979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23311	68131	Zinc	235.1226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23312	68131	Zinc	270.5891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23313	68131	Zinc	293.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23315	68131	Zinc	674.124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23317	68131	Zinc	174.2822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23320	68131	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23321	68131	Zinc	303.973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23322	68131	Zinc	253.777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23323	68131	Zinc	647.0502	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23324	68131	Zinc	300.6444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23326	68131	Zinc	158.5292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23329	68131	Zinc	408.4768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23332	68131	Zinc	310.4166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23333	68131	Zinc	549.6931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23334	68131	Zinc	324.1404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23338	68131	Zinc	197.6002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23339	68131	Zinc	759.208	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23340	68131	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23341	68131	Zinc	245.5356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23342	68131	Zinc	249.505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23343	68131	Zinc	145.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23344	68131	Zinc	155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23345	68131	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23346	68131	Zinc	206.696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23347	68131	Zinc	255.112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23348	68131	Zinc	196.639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23350	68131	Zinc	186.0302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23353	68131	Zinc	414.0037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23355	68131	Zinc	365.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23356	68131	Zinc	509.6164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23357	68131	Zinc	623.1893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23358	68131	Zinc	456.964	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23360	68131	Zinc	340.018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23361	68131	Zinc	254.3733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23362	68131	Zinc	395.0289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23364	68131	Zinc	472.5301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23365	68131	Zinc	305.6551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23367	68131	Zinc	513.1319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23368	68131	Zinc	255.8418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23369	68131	Zinc	183.3335	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23371	68131	Zinc	451.2947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23372	68131	Zinc	494.0058	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23374	68131	Zinc	302.549	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23375	68131	Zinc	224.8431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23377	68131	Zinc	384.4379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23379	68131	Zinc	260	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23380	68131	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23381	68131	Zinc	226.6142	3.00E-01	--	3.00E-01	--	4.47E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																					
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
23393	68131	Zinc	443.436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23394	68131	Zinc	305.1745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23395	68131	Zinc	156.233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23396	68131	Zinc	1102.392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
23397	68131	Zinc	503.1995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23398	68131	Zinc	187.2673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23399	68131	Zinc	300	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23400	68131	Zinc	204.5689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23402	68131	Zinc	201.089	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23405	68131	Zinc	312.8285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23407	68131	Zinc	288.5048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23408	68131	Zinc	396.9691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23409	68131	Zinc	182.6927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23415	68131	Zinc	339.7688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23416	68131	Zinc	371.0701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23417	68131	Zinc	290.4628	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23420	68131	Zinc	795.0394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23421	68131	Zinc	109.3656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23423	68131	Zinc	407.6758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23425	68131	Zinc	327.2554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23427	68131	Zinc	396.5597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23428	68131	Zinc	179.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23429	68131	Zinc	425.4758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23430	68131	Zinc	301.6323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23431	68131	Zinc	313.3091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23432	68131	Zinc	318.3999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23433	68131	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23434	68131	Zinc	495.7591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23436	68131	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23437	68131	Zinc	315.1603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23438	68131	Zinc	237.1963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23439	68131	Zinc	289.5728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23440	68131	Zinc	440.0273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23441	68131	Zinc	288.7807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23442	68131	Zinc	457.7561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23443	68131	Zinc	210.2026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23444	68131	Zinc	243.987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23445	68131	Zinc	195.8825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23446	68131	Zinc	227.9937	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23447	68131	Zinc	459.2869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23448	68131	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23449	68131	Zinc	604.5972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23450	68131	Zinc	155.4409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23451	68131	Zinc	191.3257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23452	68131	Zinc	307.9157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23453	68131	Zinc	235.532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23455	68131	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23456	68131	Zinc	315.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23457	68131	Zinc	219.5209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23458	68131	Zinc	202.0769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23459	68131	Zinc	464.6536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23460	68131	Zinc	204.1328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23461	68131	Zinc	229.3732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23463	68131	Zinc	294.0495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23465	68131	Zinc	373.9982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23468	68131	Zinc	361.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23469	68131	Zinc	230.993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23470	68131	Zinc	476.188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23471	68131	Zinc	549.1947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23472	68131	Zinc	157.0785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23473	68131	Zinc	479.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23474	68131	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23475	68131	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23477	68131	Zinc	349.5766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23480	68131	Zinc	274.4784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23482	68131	Zinc	339.7332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23483	68131	Zinc	239.6972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23484	68131	Zinc	334.2686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23485	68131	Zinc	284.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23487	68131	Zinc	206.0641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23488	68131	Zinc	211.9381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23489	68131	Zinc	203.4742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23490	68131	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23491	68131	Zinc	352.656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23492	68131	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23493	68131	Zinc	760.3294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23494	68131	Zinc	499.3636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23500	68131	Zinc	2425.288	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23501	68131	Zinc	188.7803	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23502	68131	Zinc	640	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23503	68131	Zinc	258.5741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23504	68131	Zinc	162.2138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23505	68131	Zinc	116.361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23506	68131	Zinc	444.5307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23508	68131	Zinc	275.4485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23509	68131	Zinc	546.7561	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23510	68131	Zinc	243.0525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23512	68131

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23525	68131	Zinc	151.0443	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23526	68131	Zinc	185.2381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23527	68131	Zinc	366.5044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23528	68131	Zinc	278.4567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23529	68131	Zinc	352.1131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23530	68131	Zinc	602.212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23531	68131	Zinc	386.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23532	68131	Zinc	186.5375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23533	68131	Zinc	156.9895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23534	68131	Zinc	809.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23535	68131	Zinc	446.2039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23536	68131	Zinc	520.7859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23537	68131	Zinc	356.8568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23538	68131	Zinc	362.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23539	68131	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23541	68131	Zinc	455.896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23543	68131	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23544	68131	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23545	68131	Zinc	210.6743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23547	68131	Zinc	436.1202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23549	68131	Zinc	494.0325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23550	68131	Zinc	267.1537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23553	68131	Zinc	533.8689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23554	68131	Zinc	283.9569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23556	68131	Zinc	595.0831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23557	68131	Zinc	897.8967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23558	68131	Zinc	294.4322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23559	68131	Zinc	295.6248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23560	68131	Zinc	253.5723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23563	68131	Zinc	647.0413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23564	68131	Zinc	492.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23566	68131	Zinc	599.809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23567	68131	Zinc	206.8918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23568	68131	Zinc	394.7263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23569	68131	Zinc	299.256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23571	68131	Zinc	249.0511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23572	68131	Zinc	676.0909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23573	68131	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23575	68131	Zinc	111.7597	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23576	68131	Zinc	397.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23577	68131	Zinc	316.6555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23578	68131	Zinc	257.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23580	68131	Zinc	188.6201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23581	68131	Zinc	587.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
23582	68131	Zinc	219.334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23583	68131	Zinc	724.9252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23584	68131	Zinc	478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23585	68131	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23586	68131	Zinc	192.4916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23587	68131	Zinc	244.4409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23588	68131	Zinc	259.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23591	68131	Zinc	396.6042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23595	68131	Zinc	137.5786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23596	68131	Zinc	350.7603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23599	68131	Zinc	561.9484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23600	68131	Zinc	365.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23602	68131	Zinc	170.6866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23603	68131	Zinc	404.3116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23605	68131	Zinc	265.3381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23606	68131	Zinc	291.5219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23607	68131	Zinc	221.6391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23608	68131	Zinc	259.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23609	68131	Zinc	2004.941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
23610	68131	Zinc	181.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23611	68131	Zinc	218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23612	68131	Zinc	532.0711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23613	68131	Zinc	211.3685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23614	68131	Zinc	304.2578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23618	68131	Zinc	203.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23619	68131	Zinc	242.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23620	68131	Zinc	534.1626	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23621	68131	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23623	68131	Zinc	284.1616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23625	68131	Zinc	203.0203	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23627	68131	Zinc	282.5952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23628	68131	Zinc	282.2481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23629	68131	Zinc	324.0692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23631	68131	Zinc	232.5772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23633	68131	Zinc	411.5295	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23634	68131	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23635	68131	Zinc	510.364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23636	68131	Zinc	279.7116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23637	68131	Zinc	475.1111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23638	68131	Zinc	195.7668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23640	68131	Zinc	749.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23641	68131	Zinc	289.2079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23642	68131	Zinc	288.5493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23643	68131	Zinc	1765.442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$																					
23658	68131	Zinc	292.3318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23660	68131	Zinc	1135.945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
23661	68131	Zinc	395.2692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23662	68131	Zinc	379.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23663	68131	Zinc	375.351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23664	68131	Zinc	404.276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23666	68131	Zinc	289.644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23667	68131	Zinc	360.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23668	68131	Zinc	160.7631	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23670	68131	Zinc	340.196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23672	68131	Zinc	325.244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23673	68131	Zinc	153.1536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23674	68131	Zinc	447.6813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23675	68131	Zinc	321.239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23676	68131	Zinc	971.562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
23679	68131	Zinc	339.5641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23681	68131	Zinc	550.236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23683	68131	Zinc	125.2966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23686	68131	Zinc	179.4442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23688	68131	Zinc	423.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23690	68131	Zinc	236.5555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23691	68131	Zinc	167.5983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23696	68131	Zinc	296.7284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23698	68131	Zinc	310.9773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23700	68131	Zinc	1283.774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
23701	68131	Zinc	315.098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23702	68131	Zinc	225.6708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23704	68131	Zinc	478.5376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23705	68131	Zinc	266.5752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23707	68131	Zinc	192.6696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23709	68131	Zinc	400.4579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23710	68131	Zinc	186.0925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23713	68131	Zinc	346.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23716	68131	Zinc	273.6507	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23717	68131	Zinc	298.0456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23718	68131	Zinc	288.6917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23720	68131	Zinc	231.4024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23721	68131	Zinc	444.9223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23722	68131	Zinc	206.518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23723	68131	Zinc	150.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23725	68131	Zinc	233.6808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23727	68131	Zinc	215.9342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23728	68131	Zinc	2586.912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-02	4E-03
23729	68131	Zinc	479.0627	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23730	68131	Zinc	188.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23731	68131	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23732	68131	Zinc	966.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
23733	68131	Zinc	284.7045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23734	68131	Zinc	251.018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23735	68131	Zinc	458.2189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23737	68131	Zinc	357.2039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23738	68131	Zinc	272.7073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23739	68131	Zinc	231.1176	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23741	68131	Zinc	339.0123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23742	68131	Zinc	308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23743	68131	Zinc	214.9463	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23746	68131	Zinc	289.4215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23748	68131	Zinc	169.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23749	68131	Zinc	168.4527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23752	68131	Zinc	180.9394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23753	68131	Zinc	336.2266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23754	68131	Zinc	313.2023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23757	68131	Zinc	427.7453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23758	68131	Zinc	234.286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23759	68131	Zinc	253.7325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23761	68131	Zinc	162.0536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23762	68131	Zinc	382.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23763	68131	Zinc	500.7342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23764	68131	Zinc	391.2998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23765	68131	Zinc	242.652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23766	68131	Zinc	409.7762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23767	68131	Zinc	764.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23768	68131	Zinc	383.3699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23771	68131	Zinc	243.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23772	68131	Zinc	757.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23773	68131	Zinc	494.611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23778	68131	Zinc	354.8098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23779	68131	Zinc	188.7091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23780	68131	Zinc	366.2908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23783	68131	Zinc	397.868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23784	68131	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23786	68131	Zinc	285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23787	68131	Zinc	448.331	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23788	68131	Zinc	273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23789	68131	Zinc	431.5189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23790	68131	Zinc	206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23791	68131	Zinc	377.8697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23792	68131	Zinc	279.4802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23808	68131	Zinc	232.6217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23809	68131	Zinc	309.3308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23810	68131	Zinc	140.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23811	68131	Zinc	278.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23813	68131	Zinc	190.587	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23814	68131	Zinc	139.4832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23816	68131	Zinc	116.4767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23817	68131	Zinc	407.3999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23819	68131	Zinc	174.1487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23821	68131	Zinc	122.1104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23822	68131	Zinc	261.4577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23823	68131	Zinc	175.991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23824	68131	Zinc	442.0298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23825	68131	Zinc	423.6958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23826	68131	Zinc	254.6848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23827	68131	Zinc	237.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23829	68131	Zinc	302.0328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23830	68131	Zinc	234.108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23831	68131	Zinc	277.1217	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23832	68131	Zinc	207.0876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23833	68131	Zinc	259.8201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23834	68131	Zinc	414.0927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23835	68131	Zinc	356.1003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23836	68131	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23840	68131	Zinc	185.8611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23841	68131	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23843	68131	Zinc	255.7261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23844	68131	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23845	68131	Zinc	379.9523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23846	68131	Zinc	352.478	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23847	68131	Zinc	388.6476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23848	68131	Zinc	550.7522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23849	68131	Zinc	369.032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23850	68131	Zinc	885.0985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23854	68131	Zinc	246.6214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23855	68131	Zinc	242.1002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23858	68131	Zinc	300.7868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23859	68131	Zinc	220.3041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23861	68131	Zinc	304.2311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23862	68131	Zinc	342.866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23863	68131	Zinc	707.5257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23864	68131	Zinc	241.495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23866	68131	Zinc	293.3108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23870	68131	Zinc	541.9145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23872	68131	Zinc	276.2495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23873	68131	Zinc	633.3976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
23875	68131	Zinc	153.8567	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23877	68131	Zinc	384.251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23878	68131	Zinc	476.455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23879	68131	Zinc	360.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23881	68131	Zinc	283.6009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23882	68131	Zinc	443.347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23883	68131	Zinc	148.668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23886	68131	Zinc	361.6895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23888	68131	Zinc	209.4372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23889	68131	Zinc	215.3646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23890	68131	Zinc	179.0615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23891	68131	Zinc	382.6757	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23892	68131	Zinc	202.869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23893	68131	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23894	68131	Zinc	164.4922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
23895	68131	Zinc	379.979	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23897	68131	Zinc	301.2318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23899	68131	Zinc	258.3961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23900	68131	Zinc	255.646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23903	68131	Zinc	350.342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23904	68131	Zinc	445.8034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23906	68131	Zinc	444.0323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23907	68131	Zinc	254.845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23908	68131	Zinc	220.6156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23910	68131	Zinc	167.625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23911	68131	Zinc	184.5795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23912	68131	Zinc	209.5885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23913	68131	Zinc	331.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23914	68131	Zinc	198.686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23916	68131	Zinc	167.7585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23917	68131	Zinc	316.611	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23918	68131	Zinc	295.7316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23919	68131	Zinc	220.5533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23920	68131	Zinc	236.0037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23921	68131	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23922	68131	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23923	68131	Zinc	420.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23924	68131	Zinc	255.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23925	68131	Zinc	347.2359	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23926	68131	Zinc	261.3509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23927	68131	Zinc	341.5221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23928	68131	Zinc	129.9602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--

Central Tendency Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
23944	68131	Zinc	187.0804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23946	68131	Zinc	281.3136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23947	68131	Zinc	649.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
23948	68131	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23949	68131	Zinc	168.5061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23951	68131	Zinc	297.387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23952	68131	Zinc	275.3506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23953	68131	Zinc	304.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23954	68131	Zinc	569.7181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23955	68131	Zinc	8354.379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-01	1E-02	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-01	1E-02
23956	68131	Zinc	286.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23959	68131	Zinc	247.1376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23960	68131	Zinc	217.5184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23961	68131	Zinc	350.4933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
23963	68131	Zinc	281.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23964	68131	Zinc	1246.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
23965	68131	Zinc	258.1647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23967	68131	Zinc	469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
23968	68131	Zinc	540.8287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23970	68131	Zinc	511.4142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23971	68131	Zinc	176.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23972	68131	Zinc	564.2891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
23975	68131	Zinc	224.4248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
23977	68131	Zinc	402.6562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23978	68131	Zinc	343.4356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23979	68131	Zinc	369.9665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
23981	68131	Zinc	510.364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
23982	68131	Zinc	132.9862	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23983	68131	Zinc	184.5706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23984	68131	Zinc	417.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
23985	68131	Zinc	277.3264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23986	68131	Zinc	334.8916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23987	68131	Zinc	250.4395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23988	68131	Zinc	142.4558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
23990	68131	Zinc	296.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
23992	68131	Zinc	314.8132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23994	68131	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
23995	68131	Zinc	488.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23996	68131	Zinc	205.7704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23998	68131	Zinc	489.9296	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
23999	68131	Zinc	470.136	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24000	68131	Zinc	569.3354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24002	68131	Zinc	145.2415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24004	68131	Zinc	213.2553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24009	68131	Zinc	309.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24010	68131	Zinc	231.2511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24011	68131	Zinc	144.6986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24014	68131	Zinc	552.9416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24015	68131	Zinc	458.8864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24016	68131	Zinc	148.3654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24017	68131	Zinc	219.0403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24018	68131	Zinc	313.674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24019	68131	Zinc	364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24020	68131	Zinc	477.4607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24023	68131	Zinc	484.2336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24026	68131	Zinc	443.881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24027	68131	Zinc	331.0379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24028	68131	Zinc	303.9552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24029	68131	Zinc	185.514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24033	68131	Zinc	384.5447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24035	68131	Zinc	235.9414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24036	68131	Zinc	248.7574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24038	68131	Zinc	369.4503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24039	68131	Zinc	361.5827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24040	68131	Zinc	424.7727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24042	68131	Zinc	279.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24044	68131	Zinc	232.1411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24047	68131	Zinc	251.8457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24048	68131	Zinc	160.1668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24050	68131	Zinc	151.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24052	68131	Zinc	489.5202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24053	68131	Zinc	393.4358	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24056	68131	Zinc	123.8637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24057	68131	Zinc	315.9346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24059	68131	Zinc	217.9011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24060	68131	Zinc	309.5355	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24062	68131	Zinc	376.9441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24063	68131	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24064	68131	Zinc	372.6365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24065	68131	Zinc	344.4413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24069	68131	Zinc	272.7429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24070	68131	Zinc	230.103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24071	68131	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24073	68131	Zinc	547.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24074	68131	Zinc	423.8827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24076	68131	Zinc	293.471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24078	68131	Zinc	471.0972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24079	68131	Zinc	523.3669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																					
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
24095	68131	Zinc	451.2235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24096	68131	Zinc	565.9356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24098	68131	Zinc	449.0786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24099	68131	Zinc	324.3451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24101	68131	Zinc	1022.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24103	68131	Zinc	364.6799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24104	68131	Zinc	644.1488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24105	68131	Zinc	341.4509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24106	68131	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24107	68131	Zinc	406.2251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24108	68131	Zinc	337.882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24109	68131	Zinc	448.0195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24110	68131	Zinc	503.0838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24111	68131	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24112	68131	Zinc	332.2394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24113	68131	Zinc	302.5579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24114	68131	Zinc	754.9182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24115	68131	Zinc	375.6892	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24116	68131	Zinc	578.271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
24117	68131	Zinc	694.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24119	68131	Zinc	368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24120	68131	Zinc	381.5721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24122	68131	Zinc	339.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24123	68131	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24124	68131	Zinc	146.2739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24125	68131	Zinc	1194.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24126	68131	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24128	68131	Zinc	724.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24131	68131	Zinc	306.5006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24132	68131	Zinc	782.5527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24134	68131	Zinc	376.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24135	68131	Zinc	347.5118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24136	68131	Zinc	353.1099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24137	68131	Zinc	121.6832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24138	68131	Zinc	421.9514	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24139	68131	Zinc	430.4776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24140	68131	Zinc	523.3936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24141	68131	Zinc	316.7712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24142	68131	Zinc	323.7755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24143	68131	Zinc	314.0656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24144	68131	Zinc	440.4812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24145	68131	Zinc	532.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24146	68131	Zinc	357.1861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24148	68131	Zinc	426.3124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24149	68131	Zinc	250.1369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24150	68131	Zinc	251.7745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24152	68131	Zinc	247.102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24153	68131	Zinc	305.486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24154	68131	Zinc	210.078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24156	68131	Zinc	513.4523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24157	68131	Zinc	495.4654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24158	68131	Zinc	224.8787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24159	68131	Zinc	369.1299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24162	68131	Zinc	182.4346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24163	68131	Zinc	307.6042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24164	68131	Zinc	375.6625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24167	68131	Zinc	266.8956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24169	68131	Zinc	528.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24171	68131	Zinc	216.486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24174	68131	Zinc	385.6661	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24175	68131	Zinc	463.5861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24176	68131	Zinc	232.7997	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24178	68131	Zinc	228.0738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24179	68131	Zinc	514.8674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24180	68131	Zinc	1402.055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24181	68131	Zinc	208.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24182	68131	Zinc	284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24189	68131	Zinc	284.482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24190	68131	Zinc	231.8741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24192	68131	Zinc	224.7007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24193	68131	Zinc	384.2599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24196	68131	Zinc	94.7429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
24197	68131	Zinc	473.4201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24199	68131	Zinc	741.8441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24200	68131	Zinc	1044.364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24202	68131	Zinc	550.948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24203	68131	Zinc	417.2522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24204	68131	Zinc	343.2131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24207	68131	Zinc	1002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
24208	68131	Zinc	266.8956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24209	68131	Zinc	325.155	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24211	68131	Zinc	199.6828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24212	68131	Zinc	380.7622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24214	68131	Zinc	346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24217	68131	Zinc	552.8526	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24222	68131	Zinc	484.8833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24223	68131	Zinc	287.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24225	68131	Z

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$																					
24249	68131	Zinc	247.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24250	68131	Zinc	301.2941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24251	68131	Zinc	923.324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24252	68131	Zinc	273.6685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24253	68131	Zinc	196.728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24255	68131	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24258	68131	Zinc	416.8161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24262	68131	Zinc	347.0668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24267	68131	Zinc	226.8634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24268	68131	Zinc	254.934	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24271	68131	Zinc	252.1038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24272	68131	Zinc	333.7257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24274	68131	Zinc	264.2701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24275	68131	Zinc	200.8042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24276	68131	Zinc	318.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24277	68131	Zinc	343.6848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24279	68131	Zinc	630.9145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
24282	68131	Zinc	184.4994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24284	68131	Zinc	325.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24286	68131	Zinc	245.7848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24288	68131	Zinc	265.792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24289	68131	Zinc	393.8007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24290	68131	Zinc	358.441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24292	68131	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24295	68131	Zinc	415.8371	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24296	68131	Zinc	495.412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24299	68131	Zinc	321.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24300	68131	Zinc	269.9572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24301	68131	Zinc	432.756	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24303	68131	Zinc	245.9272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24304	68131	Zinc	143.506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24305	68131	Zinc	296.0431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24307	68131	Zinc	634.3588	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
24308	68131	Zinc	303.3589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24310	68131	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24315	68131	Zinc	830.6483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24316	68131	Zinc	235.6299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24318	68131	Zinc	481.5102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24319	68131	Zinc	190.7294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24320	68131	Zinc	554.8907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24327	68131	Zinc	310.292	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24328	68131	Zinc	236.956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24334	68131	Zinc	183.1822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24339	68131	Zinc	300.7779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24342	68131	Zinc	353.5638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24343	68131	Zinc	306.732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24344	68131	Zinc	218.266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24348	68131	Zinc	1001.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
24350	68131	Zinc	194.7077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24352	68131	Zinc	404.0624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24357	68131	Zinc	369	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24358	68131	Zinc	210.1848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24359	68131	Zinc	187.4097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24361	68131	Zinc	237.5968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24362	68131	Zinc	253.9283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24365	68131	Zinc	254.5068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24366	68131	Zinc	402.2913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24367	68131	Zinc	584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
24369	68131	Zinc	465.152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24370	68131	Zinc	659	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24371	68131	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24372	68131	Zinc	240.3202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24374	68131	Zinc	243.8891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24375	68131	Zinc	368.4268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24376	68131	Zinc	216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24377	68131	Zinc	383.4589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24379	68131	Zinc	336.4402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24381	68131	Zinc	311.4223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24382	68131	Zinc	342.9372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24384	68131	Zinc	185.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24385	68131	Zinc	653.4404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24386	68131	Zinc	250.0657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24387	68131	Zinc	535.7023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24388	68131	Zinc	806.5382	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24389	68131	Zinc	450.8675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24390	68131	Zinc	216.9043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24391	68131	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24392	68131	Zinc	179.0081	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24393	68131	Zinc	196.7814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24394	68131	Zinc	224.3981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24395	68131	Zinc	448.509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24396	68131	Zinc	282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24398	68131	Zinc	260.4164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24399	68131	Zinc	705.1761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24400	68131	Zinc	489.1998	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24403	68131	Zinc	278.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24404	68131	Zinc	350.6268	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24406	68131	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$																					
24424	68131	Zinc	358.9394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24428	68131	Zinc	367.074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24430	68131	Zinc	270.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24431	68131	Zinc	415.1429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24432	68131	Zinc	216.3792	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24433	68131	Zinc	126.6939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24434	68131	Zinc	536.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24435	68131	Zinc	791.9867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24436	68131	Zinc	224.407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24437	68131	Zinc	396.0613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24438	68131	Zinc	355.8244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24439	68131	Zinc	215.8986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24441	68131	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24442	68131	Zinc	310.4255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24451	68131	Zinc	237.4544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24452	68131	Zinc	405.7356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24453	68131	Zinc	223.1254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24456	68131	Zinc	184.2769	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24457	68131	Zinc	365.917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24458	68131	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24462	68131	Zinc	392.0029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24464	68131	Zinc	241.2903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24466	68131	Zinc	693.615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24468	68131	Zinc	270.3132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24474	68131	Zinc	307.0791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24475	68131	Zinc	347.9123	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24478	68131	Zinc	274.5585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24479	68131	Zinc	191.2189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24480	68131	Zinc	221.7014	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24481	68131	Zinc	297.8409	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24482	68131	Zinc	441.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24483	68131	Zinc	1345.362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24485	68131	Zinc	195.9982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24487	68131	Zinc	282.5952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24491	68131	Zinc	250.3861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24492	68131	Zinc	362.357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24493	68131	Zinc	657.748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24501	68131	Zinc	466.8074	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24504	68131	Zinc	916.471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24505	68131	Zinc	402.6473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24507	68131	Zinc	269.4321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24509	68131	Zinc	369.1566	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24513	68131	Zinc	870.5648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24515	68131	Zinc	369.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24516	68131	Zinc	150.1632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24520	68131	Zinc	176.347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24521	68131	Zinc	228.0115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24523	68131	Zinc	130.5921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24524	68131	Zinc	860.1518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24526	68131	Zinc	249.1045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24527	68131	Zinc	343.6759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24528	68131	Zinc	368.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24531	68131	Zinc	119.3692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24533	68131	Zinc	193.0345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24534	68131	Zinc	122.2083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24535	68131	Zinc	681.9827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24536	68131	Zinc	412.108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24538	68131	Zinc	364.9914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24540	68131	Zinc	368.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24541	68131	Zinc	202.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24542	68131	Zinc	232.7107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24543	68131	Zinc	357.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24544	68131	Zinc	514.4402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24546	68131	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24552	68131	Zinc	350.8849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24555	68131	Zinc	544.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24556	68131	Zinc	314.386	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24557	68131	Zinc	480.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24559	68131	Zinc	158.8496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24560	68131	Zinc	234.375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24565	68131	Zinc	315.3472	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24566	68131	Zinc	631.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
24567	68131	Zinc	111.4749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24568	68131	Zinc	321.4437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24569	68131	Zinc	183.1733	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24571	68131	Zinc	181.2242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24572	68131	Zinc	275.048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24573	68131	Zinc	314.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24574	68131	Zinc	902.6404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24577	68131	Zinc	319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24579	68131	Zinc	221.8705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24581	68131	Zinc	490.0809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24582	68131	Zinc	157.034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24583	68131	Zinc	829.9096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24584	68131	Zinc	166.0052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24587	68131	Zinc	198.9441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24591	68131	Zinc	469.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24592	68131	Zinc	791.1145	3.00E-01	--	3.00E-01	--	4.47E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
24609	68131	Zinc	234.4551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24610	68131	Zinc	450.2356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24611	68131	Zinc	670.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24612	68131	Zinc	492.1457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24613	68131	Zinc	409.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24614	68131	Zinc	295.0018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24615	68131	Zinc	612.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
24616	68131	Zinc	174.7539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24618	68131	Zinc	695.4306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24619	68131	Zinc	436.2982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24620	68131	Zinc	324.354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24621	68131	Zinc	515.6061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24625	68131	Zinc	436.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24626	68131	Zinc	551.2061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24631	68131	Zinc	792.7076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24635	68131	Zinc	392.8573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24640	68131	Zinc	488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24641	68131	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24643	68131	Zinc	252.798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24646	68131	Zinc	423.767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24647	68131	Zinc	279.2043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24648	68131	Zinc	354.9522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24649	68131	Zinc	222.0752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24652	68131	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24653	68131	Zinc	304.3468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24655	68131	Zinc	259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24657	68131	Zinc	206.251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24659	68131	Zinc	541.0779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24660	68131	Zinc	394.8064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24663	68131	Zinc	243.8179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24668	68131	Zinc	926.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24669	68131	Zinc	561.6814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24671	68131	Zinc	193.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24672	68131	Zinc	257.4794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24674	68131	Zinc	378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24675	68131	Zinc	125.1542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24678	68131	Zinc	157.2743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24680	68131	Zinc	536.708	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24683	68131	Zinc	274.8878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24684	68131	Zinc	277.3175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24685	68131	Zinc	380.246	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24686	68131	Zinc	522.7083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24688	68131	Zinc	421.7556	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24689	68131	Zinc	114.047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24690	68131	Zinc	814.6995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24692	68131	Zinc	241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24693	68131	Zinc	202.5664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24694	68131	Zinc	244.1294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24695	68131	Zinc	356.127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24696	68131	Zinc	347.4673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24697	68131	Zinc	791.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24700	68131	Zinc	339.5107	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24701	68131	Zinc	288.042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24703	68131	Zinc	363.6653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24704	68131	Zinc	522.7706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24705	68131	Zinc	212.9438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24706	68131	Zinc	250.9913	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24709	68131	Zinc	222.9385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24710	68131	Zinc	233.396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24711	68131	Zinc	948.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
24712	68131	Zinc	278.963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24714	68131	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24716	68131	Zinc	265.6941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24718	68131	Zinc	480.1218	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24722	68131	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24724	68131	Zinc	198.6237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24728	68131	Zinc	477.1225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24729	68131	Zinc	332.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24730	68131	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24732	68131	Zinc	1021.402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24734	68131	Zinc	463.372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24735	68131	Zinc	187.0715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24736	68131	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24737	68131	Zinc	681.689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24738	68131	Zinc	219.0581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24740	68131	Zinc	169.0401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24746	68131	Zinc	462.8113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24747	68131	Zinc	343.3822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24750	68131	Zinc	207.9153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24751	68131	Zinc	317.1094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24755	68131	Zinc	251.1426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24757	68131	Zinc	749.8363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24758	68131	Zinc	215.1688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24759	68131	Zinc	238.1308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24760	68131	Zinc	200.6173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24762	68131	Zinc	931.423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24763	68131	Zinc	191.2545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24765	68131	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$																					
24783	68131	Zinc	162.1159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24784	68131	Zinc	372.2093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24785	68131	Zinc	317.2785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24787	68131	Zinc	242.9546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24788	68131	Zinc	495.0471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24790	68131	Zinc	219.0403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24792	68131	Zinc	824.8099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24793	68131	Zinc	713.2128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24794	68131	Zinc	713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24795	68131	Zinc	284.2506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24799	68131	Zinc	378.1011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24800	68131	Zinc	176.9077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24801	68131	Zinc	401.8552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24802	68131	Zinc	290.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24807	68131	Zinc	364.9469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24808	68131	Zinc	276.8992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24811	68131	Zinc	314.564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24812	68131	Zinc	448.8294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24813	68131	Zinc	286.4489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24815	68131	Zinc	136.475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24816	68131	Zinc	305.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24818	68131	Zinc	229.7381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24820	68131	Zinc	257.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24822	68131	Zinc	173.677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24823	68131	Zinc	220.0905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24824	68131	Zinc	128.0467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24825	68131	Zinc	293.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24827	68131	Zinc	416.9763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24828	68131	Zinc	122.1104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24829	68131	Zinc	666.1229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24830	68131	Zinc	285.0338	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24831	68131	Zinc	226.988	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24832	68131	Zinc	366.0149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24834	68131	Zinc	143.9688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24836	68131	Zinc	441.6827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24837	68131	Zinc	334.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24838	68131	Zinc	364.1815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24839	68131	Zinc	257.5239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24841	68131	Zinc	312.3657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24843	68131	Zinc	96.0423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
24844	68131	Zinc	302.6291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24847	68131	Zinc	397.2272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24848	68131	Zinc	352.7005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24849	68131	Zinc	373.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24850	68131	Zinc	601.2864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
24853	68131	Zinc	227.5932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24855	68131	Zinc	318.8894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24857	68131	Zinc	168.2658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24858	68131	Zinc	247.3067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24859	68131	Zinc	235.1404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24861	68131	Zinc	332.5153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24863	68131	Zinc	292.848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24864	68131	Zinc	212.6857	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24865	68131	Zinc	892.2986	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24869	68131	Zinc	279.0975	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24870	68131	Zinc	275.9024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24871	68131	Zinc	466.3624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24872	68131	Zinc	229.8894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24874	68131	Zinc	310.0695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24875	68131	Zinc	353.9465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24876	68131	Zinc	417.6527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24877	68131	Zinc	524.5684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24878	68131	Zinc	325.5822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24880	68131	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24881	68131	Zinc	402.2557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24882	68131	Zinc	479.2496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24884	68131	Zinc	498.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24885	68131	Zinc	495.5277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24887	68131	Zinc	475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24888	68131	Zinc	373.8291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24889	68131	Zinc	370.7408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24890	68131	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24891	68131	Zinc	201.4806	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24892	68131	Zinc	207.5148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24893	68131	Zinc	425.1198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24894	68131	Zinc	325.5377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24895	68131	Zinc	273.5439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24896	68131	Zinc	543.9704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
24898	68131	Zinc	316.3974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24899	68131	Zinc	231.794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24900	68131	Zinc	347.6987	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24901	68131	Zinc	402.5761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24902	68131	Zinc	328.1721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24903	68131	Zinc	498.7317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24904	68131	Zinc	289.0833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24905	68131	Zinc	223.8908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24906	68131	Zinc	410.6573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24907	68131	Zinc	247.992	3.00E-01	--	3.00E-01

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
24921	68131	Zinc	175.4926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24922	68131	Zinc	387.4728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24923	68131	Zinc	272.6361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24924	68131	Zinc	332.6666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24925	68131	Zinc	1113.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24926	68131	Zinc	386.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24927	68131	Zinc	164.065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
24928	68131	Zinc	364.1103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24931	68131	Zinc	352.1131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24932	68131	Zinc	974.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
24934	68131	Zinc	692.4402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24935	68131	Zinc	489.3422	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24936	68131	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24937	68131	Zinc	320.438	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24939	68131	Zinc	304.8363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24946	68131	Zinc	511.3341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
24947	68131	Zinc	218.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24948	68131	Zinc	196.817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24949	68131	Zinc	391.8516	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24951	68131	Zinc	287.686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24952	68131	Zinc	150.9108	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24953	68131	Zinc	264.902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24955	68131	Zinc	238.0329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24956	68131	Zinc	799.3114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24957	68131	Zinc	254.4623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24958	68131	Zinc	408.726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24959	68131	Zinc	412.2237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
24960	68131	Zinc	390.3297	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24961	68131	Zinc	275.5909	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24962	68131	Zinc	230	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24963	68131	Zinc	271.6927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24964	68131	Zinc	215.7651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24968	68131	Zinc	130.245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24969	68131	Zinc	1705.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
24970	68131	Zinc	208.5739	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24971	68131	Zinc	203.403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
24972	68131	Zinc	231.8029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24973	68131	Zinc	297.921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24976	68131	Zinc	321.061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24977	68131	Zinc	760.3383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
24978	68131	Zinc	368.0174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24979	68131	Zinc	1062.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
24980	68131	Zinc	269.2808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24981	68131	Zinc	439.1017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
24983	68131	Zinc	382.6668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24984	68131	Zinc	313.7096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24987	68131	Zinc	239.4213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24988	68131	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
24989	68131	Zinc	265.08	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
24990	68131	Zinc	477.3361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
24992	68131	Zinc	364.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
24993	68131	Zinc	405.3084	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
24994	68131	Zinc	322.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
24997	68131	Zinc	291.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
24998	68131	Zinc	376.152	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25003	68131	Zinc	424.0518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25005	68131	Zinc	520.7503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25006	68131	Zinc	310.3365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25007	68131	Zinc	282.5062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25008	68131	Zinc	323.8467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25009	68131	Zinc	165.5021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25010	68131	Zinc	258.8233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25011	68131	Zinc	330.2102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25012	68131	Zinc	378.911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25016	68131	Zinc	811.5667	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25019	68131	Zinc	289.4215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25021	68131	Zinc	431.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25022	68131	Zinc	266.8511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25025	68131	Zinc	433.1654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25026	68131	Zinc	240.8364	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25027	68131	Zinc	453.0925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25028	68131	Zinc	356.4118	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25030	68131	Zinc	881.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25031	68131	Zinc	348.918	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25032	68131	Zinc	706.876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25035	68131	Zinc	381.0025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25037	68131	Zinc	239.1365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25039	68131	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25041	68131	Zinc	557.1958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25042	68131	Zinc	407.5334	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25044	68131	Zinc	321.6573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25047	68131	Zinc	338.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25049	68131	Zinc	278.4656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25051	68131	Zinc	439.1818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25052	68131	Zinc	166.0141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25053	68131	Zinc	735.5073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25056	68131	Zinc	233.6096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25057	68131	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25072	68131	Zinc	638.0434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25075	68131	Zinc	469.7088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25076	68131	Zinc	400.7872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25077	68131	Zinc	258.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25078	68131	Zinc	276.6411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25079	68131	Zinc	188.0594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25080	68131	Zinc	453.7333	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25081	68131	Zinc	452.0067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25082	68131	Zinc	282.079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25086	68131	Zinc	224.2557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25088	68131	Zinc	468.9078	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25089	68131	Zinc	516.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25091	68131	Zinc	528.6891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25092	68131	Zinc	697.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25093	68131	Zinc	295.8206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25095	68131	Zinc	543.9704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25096	68131	Zinc	216.4593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25098	68131	Zinc	257.9867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25100	68131	Zinc	362.7575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25105	68131	Zinc	305.1745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25106	68131	Zinc	237.6413	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25107	68131	Zinc	397.5832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25108	68131	Zinc	205.1207	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25109	68131	Zinc	267.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25112	68131	Zinc	272.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25113	68131	Zinc	483.3881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25114	68131	Zinc	497.0407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25116	68131	Zinc	346.4794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25117	68131	Zinc	649.1595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25119	68131	Zinc	173.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25121	68131	Zinc	153.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25123	68131	Zinc	549.7287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25124	68131	Zinc	333.6545	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25126	68131	Zinc	251.7923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25127	68131	Zinc	164.9817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25130	68131	Zinc	365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25131	68131	Zinc	424.835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25133	68131	Zinc	213.4956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25135	68131	Zinc	464.3955	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25137	68131	Zinc	481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25139	68131	Zinc	294.1029	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25140	68131	Zinc	262.7393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25141	68131	Zinc	410.5327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25142	68131	Zinc	166.9575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25144	68131	Zinc	382.9605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25145	68131	Zinc	322.9389	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25146	68131	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25147	68131	Zinc	367.9195	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25150	68131	Zinc	548.2958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25151	68131	Zinc	390.036	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25152	68131	Zinc	284.4464	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25153	68131	Zinc	130.2895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25154	68131	Zinc	489.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25155	68131	Zinc	455.9316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25156	68131	Zinc	390.3742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25158	68131	Zinc	246.5324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25159	68131	Zinc	382.204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25160	68131	Zinc	336.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25161	68131	Zinc	232.1945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25162	68131	Zinc	472.3521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25163	68131	Zinc	736.2094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25164	68131	Zinc	576.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
25165	68131	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25166	68131	Zinc	163.5488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25167	68131	Zinc	248.0721	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25168	68131	Zinc	217.3048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25169	68131	Zinc	374.9416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25171	68131	Zinc	1326.761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25173	68131	Zinc	376.9797	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25180	68131	Zinc	261.3153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25181	68131	Zinc	347.6275	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25182	68131	Zinc	312.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25183	68131	Zinc	762.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25184	68131	Zinc	351.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25185	68131	Zinc	657.2318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25187	68131	Zinc	358.2274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25188	68131	Zinc	408.3878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25189	68131	Zinc	370.9099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25190	68131	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25191	68131	Zinc	3652.865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	6E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	6E-03
25193	68131	Zinc	448.0818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25195	68131	Zinc	1096.785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25197	68131	Zinc	292.3674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25198	68131	Zinc	4183.572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-02	7E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-02	7E-03
25199	68131	Zinc	772.6826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25200	68131	Zinc	274.1491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25202	68131	Zinc	144.0044	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25203	68131	Zinc	255.5125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																					
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
25223	68131	Zinc	501.0368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25225	68131	Zinc	215.7651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25226	68131	Zinc	309.2151	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25227	68131	Zinc	146.3718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25228	68131	Zinc	358.2185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25230	68131	Zinc	554.4813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25231	68131	Zinc	302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25237	68131	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25238	68131	Zinc	272.289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25239	68131	Zinc	159.6684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25240	68131	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25241	68131	Zinc	722.2196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25242	68131	Zinc	345	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25245	68131	Zinc	164.688	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25247	68131	Zinc	200.0299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25250	68131	Zinc	530.9408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25251	68131	Zinc	386.0577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25253	68131	Zinc	771.0094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25254	68131	Zinc	782.4281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25255	68131	Zinc	207.2923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25256	68131	Zinc	299.9057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25259	68131	Zinc	350.4666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25260	68131	Zinc	517.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25263	68131	Zinc	300.7423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25265	68131	Zinc	651.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25271	68131	Zinc	542.0391	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25274	68131	Zinc	277.1306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25277	68131	Zinc	281.2068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25278	68131	Zinc	632.5877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25281	68131	Zinc	681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25282	68131	Zinc	458.8508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25284	68131	Zinc	172.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25285	68131	Zinc	225.3504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25286	68131	Zinc	475.8765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25288	68131	Zinc	1099.633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25289	68131	Zinc	332.3017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25292	68131	Zinc	361.022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25293	68131	Zinc	417.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25294	68131	Zinc	491.2201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25295	68131	Zinc	577.6747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
25296	68131	Zinc	239.7328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25298	68131	Zinc	249.238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25299	68131	Zinc	203.9192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25301	68131	Zinc	495.6256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25302	68131	Zinc	268.8714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25303	68131	Zinc	320.2066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25305	68131	Zinc	633.1573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25309	68131	Zinc	252.6645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25311	68131	Zinc	565.8021	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25312	68131	Zinc	535.3018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25313	68131	Zinc	369.8419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25314	68131	Zinc	305.1923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25315	68131	Zinc	311.6982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25316	68131	Zinc	848.2614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25319	68131	Zinc	779.8738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25322	68131	Zinc	397.3162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25324	68131	Zinc	295.9007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25325	68131	Zinc	358.9928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25327	68131	Zinc	374.5767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25329	68131	Zinc	452.9323	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25330	68131	Zinc	283.6098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25331	68131	Zinc	303.172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25332	68131	Zinc	742.3336	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25333	68131	Zinc	175.5905	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25334	68131	Zinc	198.953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25335	68131	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25337	68131	Zinc	417.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25344	68131	Zinc	628.022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25346	68131	Zinc	654.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25347	68131	Zinc	233.5206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25348	68131	Zinc	213.994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25349	68131	Zinc	330.5929	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25351	68131	Zinc	483.3703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25352	68131	Zinc	583.7178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
25355	68131	Zinc	410.328	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25356	68131	Zinc	351.2765	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25357	68131	Zinc	224.8431	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25359	68131	Zinc	387.3126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25361	68131	Zinc	298.0634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25362	68131	Zinc	408.8061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25364	68131	Zinc	448.4111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25365	68131	Zinc	526.1971	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25369	68131	Zinc	400.2265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25371	68131	Zinc	300.3418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25374	68131	Zinc	185.2559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25376	68131	Zinc	300.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25377	68131	Zinc	381.6255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25381	68131

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$																					
25399	68131	Zinc	329.6495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25401	68131	Zinc	277.7714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25408	68131	Zinc	989.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
25410	68131	Zinc	666.4522	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25411	68131	Zinc	289.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25412	68131	Zinc	1263.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25414	68131	Zinc	1158.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25418	68131	Zinc	399.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25420	68131	Zinc	330.4772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25421	68131	Zinc	521.3555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25422	68131	Zinc	257.9956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25423	68131	Zinc	260.2206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25425	68131	Zinc	321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25426	68131	Zinc	203.314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25427	68131	Zinc	318.747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25429	68131	Zinc	677.5505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25433	68131	Zinc	378.5283	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25434	68131	Zinc	145.0724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25437	68131	Zinc	803.7881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25447	68131	Zinc	263.8073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25448	68131	Zinc	307.622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25450	68131	Zinc	120.2681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25453	68131	Zinc	185.8344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25456	68131	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25457	68131	Zinc	292.3407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25458	68131	Zinc	469.2104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25459	68131	Zinc	521.9518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25460	68131	Zinc	206.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25461	68131	Zinc	596.5071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25466	68131	Zinc	525.1736	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25467	68131	Zinc	487.9004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25469	68131	Zinc	422.4498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25470	68131	Zinc	529.944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25473	68131	Zinc	483.9755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25474	68131	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25475	68131	Zinc	775.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25477	68131	Zinc	268.284	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25478	68131	Zinc	396.1859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25480	68131	Zinc	234.3394	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25481	68131	Zinc	626.954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25485	68131	Zinc	595.1632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25489	68131	Zinc	394.8064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25491	68131	Zinc	367.0473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25492	68131	Zinc	284.1616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25494	68131	Zinc	699.5513	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25495	68131	Zinc	537.7137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25496	68131	Zinc	287.1787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25498	68131	Zinc	213.5045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25500	68131	Zinc	674.9161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25501	68131	Zinc	609.8215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25503	68131	Zinc	345.7674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25505	68131	Zinc	207.7818	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25507	68131	Zinc	423.0817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25508	68131	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25509	68131	Zinc	255.023	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25513	68131	Zinc	343.2398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25514	68131	Zinc	616.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25515	68131	Zinc	737.6166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25518	68131	Zinc	388.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25520	68131	Zinc	289.8309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25522	68131	Zinc	254.7738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25523	68131	Zinc	890.0914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25527	68131	Zinc	239.6527	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25529	68131	Zinc	507.6228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
25530	68131	Zinc	628.5204	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25531	68131	Zinc	227.7356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25532	68131	Zinc	385.764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25537	68131	Zinc	436.049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25539	68131	Zinc	164.2697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25540	68131	Zinc	472.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25541	68131	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25543	68131	Zinc	430.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25544	68131	Zinc	228.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25546	68131	Zinc	253.9372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25547	68131	Zinc	211.8313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25548	68131	Zinc	310.8171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25550	68131	Zinc	456.6525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25554	68131	Zinc	180	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25557	68131	Zinc	308.5832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25558	68131	Zinc	230.8951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25560	68131	Zinc	624.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25562	68131	Zinc	268.0793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25564	68131	Zinc	309.224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25565	68131	Zinc	823.3414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25569	68131	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25571	68131	Zinc	478.4575	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
25573	68131	Zinc	416.3444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25574	68131	Zinc	371.346	3.00E-01	--	3.00E-01	--	4.47E-

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER								(child and adult)		
				ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE					
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
25592	68131	Zinc	460.0968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25594	68131	Zinc	278.786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25595	68131	Zinc	311.2799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25599	68131	Zinc	891.1149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25600	68131	Zinc	330.6018	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25601	68131	Zinc	807.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25603	68131	Zinc	257.5773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25604	68131	Zinc	236.3686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25605	68131	Zinc	133.4223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25606	68131	Zinc	425.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25607	68131	Zinc	533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25609	68131	Zinc	307.1147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25611	68131	Zinc	286.1908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25614	68131	Zinc	418.1511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25617	68131	Zinc	274.5941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25618	68131	Zinc	858.7812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25623	68131	Zinc	391.9228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25628	68131	Zinc	224.6829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25629	68131	Zinc	625.4321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
25630	68131	Zinc	862.003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25633	68131	Zinc	308.1916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25634	68131	Zinc	683.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25636	68131	Zinc	752.3461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25639	68131	Zinc	246.034	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
25641	68131	Zinc	558.068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25655	68131	Zinc	168.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25657	68131	Zinc	445.928	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25665	68131	Zinc	218.889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25668	68131	Zinc	166.9397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
25690	68131	Zinc	287.864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
25694	68131	Zinc	585.213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49213	68131	Zinc	189.341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49214	68131	Zinc	165.845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49215	68131	Zinc	133.894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49370	68131	Zinc	282.168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50000	68131	Zinc	179.551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50009	68131	Zinc	123.837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50439	68131	Zinc	376.1253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50446	68131	Zinc	563.7907	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
50448	68131	Zinc	292.3051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50534	68131	Zinc	376.6148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50576	68131	Zinc	842.7256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50580	68131	Zinc	445.6877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
55747	68131	Zinc	304.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
57809	68131	Zinc	375.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
58685	68131	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
82423	68131	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
86097	68131	Zinc	249.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
89514	68131	Zinc	5413.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-02	9E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-02	9E-03
89546	68131	Zinc	149.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
89547	68131	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
89787	68131	Zinc	788.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
90307	68131	Zinc	177.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
90701	68131	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
90705	68131	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
91158	68131	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91386	68131	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
91457	68131	Zinc	471.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
92702	68131	Zinc	78.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
93111	68131	Zinc	299.6743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
93113	68131	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93114	68131	Zinc	317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93131	68131	Zinc	648.1716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
93132	68131	Zinc	306.1001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93171	68131	Zinc	403.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
93413	68131	Zinc	115.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93414	68131	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93415	68131	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93416	68131	Zinc	134.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
93417	68131	Zinc	489.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
93418	68131	Zinc	311.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93419	68131	Zinc	183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93420	68131	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
93540	68131	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
1606	68102	Zinc	284.838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22418	68102	Zinc	178.0024	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22422	68102	Zinc	223.4547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22428	68102	Zinc	192.723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22433	68102	Zinc	427.5762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22481	68102	Zinc	407.3287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
22485	68102	Zinc	662.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
22486	68102	Zinc	93.5592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
22489	68102	Zinc	215.1332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22493	68102	Zinc	963.641	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
22513	68102	Zinc	284.3574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22520	68102	Zinc	376.8106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22565	68102	Zinc	236.1906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
22572	68102	Zinc	466.7273	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
22573	68102	Zinc	197.1908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
22583	68102	Zinc	160.5139	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
22589	68102	Zinc	1028.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
22611	68102	Zinc	3264.647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-02	5E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-02	5E-03
22614	68102	Zinc	479.0449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
22649	68102	Zinc	220.0282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
22714	68102	Zinc	341.1216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
22719	68102	Zinc	140.4622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22743	68102	Zinc	508.228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
22770	68102	Zinc	592.8225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
22782	68102	Zinc	495.7324	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
22786	68102	Zinc	154.809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
22840	68102	Zinc	286.3599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
22842	68102	Zinc	375.6002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
22886	68102	Zinc	1392.888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
23026	68102	Zinc	176.7564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
23034	68102	Zinc	94.8319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	2E-04
23694	68102	Zinc	338.8432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
23695	68102	Zinc	127.6373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
24637	68102	Zinc	1099.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25172	68102	Zinc	563.6572	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25233	68102	Zinc	407.7559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25264	68102	Zinc	550.2271	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
25270	68102	Zinc	172.6802	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25283	68102	Zinc	774.9966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25428	68102	Zinc	438.096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
25439	68102	Zinc	1006.183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25451	68102	Zinc	315.4184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25535	68102	Zinc	425.7517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
25553	68102	Zinc	119.2535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25561	68102	Zinc	181.1263	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25567	68102	Zinc	218.1325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25597	68102	Zinc	351.3477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25626	68102	Zinc	385.5148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
25632	68102	Zinc	222.9385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
25654	68102	Zinc	121.7544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25656	68102	Zinc	711.1836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
25666	68102	Zinc	102.1032	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25676	68102	Zinc	183.9387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25700	68102	Zinc	348.8557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
25717	68102	Zinc	107.6746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25720	68102	Zinc	308.0581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
25725	68102	Zinc	123.3564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25792	68102	Zinc	107.995	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25795	68102	Zinc	112.7387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25852	68102	Zinc	216.8153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25857	68102	Zinc	133.4846	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25889	68102	Zinc	1114.585	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
25891	68102	Zinc	202.9669	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
25905	68102	Zinc	135.5405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
25914	68102	Zinc	115.7647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
55757	68102	Zinc	123.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90101	68102	Zinc	115.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90103	68102	Zinc	129.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
90104	68102	Zinc	126.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
202	68104	Zinc	145.553	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
319	68104	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
518	68104	Zinc	156.589	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
782	68104	Zinc	357.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
2133	68104	Zinc	180	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
2275	68104	Zinc	490.072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
5019	68104	Zinc	90.996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
5020	68104	Zinc	391.104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5021	68104	Zinc	186.226	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5026	68104	Zinc	372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
5141	68104	Zinc	530.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
5142	68104	Zinc	338.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
5143	68104	Zinc	176.347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5144	68104	Zinc	142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5145	68104	Zinc	176.703	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5147	68104	Zinc	185.425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
5149	68104	Zinc	301.214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
50476	68104	Zinc	341.353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
50480	68104	Zinc	187.1872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50551	68104	Zinc	210.5141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50584	68104	Zinc	372.3517	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50647	68104	Zinc	199.1488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52417	68104	Zinc	228.1539	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
57976	68104	Zinc	462.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
63438	68104	Zinc	393.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
63851	68104	Zinc	135.5227	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
65573	68104	Zinc	200.2257	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49152	68106	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49531	68106	Zinc	934.983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49533	68106	Zinc	1358.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49534	68106	Zinc	542.3773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51004	68106	Zinc	380.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51005	68106	Zinc	258.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51006	68106	Zinc	196.0961	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51008	68106	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51011	68106	Zinc	1230	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51012	68106	Zinc	202.9758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51013	68106	Zinc	247.2889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51014	68106	Zinc	254.0262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51015	68106	Zinc	310.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51016	68106	Zinc	440.677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51017	68106	Zinc	178.1804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51018	68106	Zinc	313.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51019	68106	Zinc	292.047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51020	68106	Zinc	217.91	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51022	68106	Zinc	261.1551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51024	68106	Zinc	297.2179	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51025	68106	Zinc	349.0159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51026	68106	Zinc	383.8416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51027	68106	Zinc	556.0388	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51028	68106	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51029	68106	Zinc	201.1068	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51030	68106	Zinc	224.5138	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51031	68106	Zinc	278.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51033	68106	Zinc	978.237	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
51034	68106	Zinc	349.7724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51035	68106	Zinc	189.1185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51036	68106	Zinc	621.4004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
51037	68106	Zinc	385.141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51038	68106	Zinc	208.1645	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51039	68106	Zinc	207.1677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51040	68106	Zinc	576.4732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
51041	68106	Zinc	203.2606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51043	68106	Zinc	137.0357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51045	68106	Zinc	354.6051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51046	68106	Zinc	116.6547	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51047	68106	Zinc	151.1956	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51048	68106	Zinc	300.3685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51049	68106	Zinc	165.2309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51050	68106	Zinc	157.2298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51052	68106	Zinc	549.2748	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51053	68106	Zinc	181.0996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51054	68106	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51056	68106	Zinc	144.9834	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51057	68106	Zinc	194.4318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51058	68106	Zinc	170	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51059	68106	Zinc	144.0311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51061	68106	Zinc	303.706	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51062	68106	Zinc	169.4851	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51064	68106	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51065	68106	Zinc	254.8183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51066	68106	Zinc	264.4837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51067	68106	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51068	68106	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51069	68106	Zinc	195.8647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51070	68106	Zinc	209.2325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51071	68106	Zinc	252.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51072	68106	Zinc	185.3449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51073	68106	Zinc	297.3069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51074	68106	Zinc	223.6505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51075	68106	Zinc	303.8039	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51076	68106	Zinc	870.0842	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51077	68106	Zinc	210.7811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51078	68106	Zinc	181.153	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51079	68106	Zinc	317.4031	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51080	68106	Zinc	333.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51082	68106	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51083	68106	Zinc	312.4725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51084	68106	Zinc	120.6508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51085	68106	Zinc	180.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51086	68106	Zinc	435.8799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51087	68106	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51088	68106	Zinc	475.0844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51089	68106	Zinc	222.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51090	68106	Zinc	204.4977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER CTE		CANCER CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51091	68106	Zinc	152.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51092	68106	Zinc	285.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51093	68106	Zinc	158.3601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51094	68106	Zinc	232.5238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51095	68106	Zinc	182.1498	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51097	68106	Zinc	529.3833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51098	68106	Zinc	305.219	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51099	68106	Zinc	239.6616	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51100	68106	Zinc	178.3317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51101	68106	Zinc	155.4142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51102	68106	Zinc	186.6977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51103	68106	Zinc	218.1325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51104	68106	Zinc	372.5119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51105	68106	Zinc	277.9672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51106	68106	Zinc	222.182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51107	68106	Zinc	175.0209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51108	68106	Zinc	443.6852	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51109	68106	Zinc	215.4625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51110	68106	Zinc	175.0387	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51111	68106	Zinc	653.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51113	68106	Zinc	144.4049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51114	68106	Zinc	292.4475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51115	68106	Zinc	172.4755	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51116	68106	Zinc	165.6047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51117	68106	Zinc	201.267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51118	68106	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51119	68106	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51120	68106	Zinc	184.0455	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51121	68106	Zinc	180.0405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51122	68106	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51123	68106	Zinc	179.551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51124	68106	Zinc	211.2083	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51125	68106	Zinc	185.1847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51126	68106	Zinc	400.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51127	68106	Zinc	164.8215	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51129	68106	Zinc	181.954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51130	68106	Zinc	161.7777	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51131	68106	Zinc	135.0866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51132	68106	Zinc	228.3052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51133	68106	Zinc	168.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51134	68106	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51135	68106	Zinc	308.6633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51136	68106	Zinc	406.2073	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51138	68106	Zinc	297.1378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51139	68106	Zinc	215.0887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51141	68106	Zinc	141.1742	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51142	68106	Zinc	151.1867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51143	68106	Zinc	156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51144	68106	Zinc	150.2077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51145	68106	Zinc	198.9886	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51146	68106	Zinc	147.5822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51147	68106	Zinc	188.3798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51148	68106	Zinc	200.6974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51149	68106	Zinc	155.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51150	68106	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51151	68106	Zinc	191.3435	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51153	68106	Zinc	241.7442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51155	68106	Zinc	153.3049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51156	68106	Zinc	121.7099	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51157	68106	Zinc	387.5974	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51158	68106	Zinc	176.8276	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51159	68106	Zinc	328.448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51160	68106	Zinc	220	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51161	68106	Zinc	217.0111	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51162	68106	Zinc	192.7052	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51163	68106	Zinc	2270.339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	4E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	4E-03
51164	68106	Zinc	137.8189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51165	68106	Zinc	173.766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51166	68106	Zinc	220.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51168	68106	Zinc	177.1836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51169	68106	Zinc	150.3946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51170	68106	Zinc	161.4573	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51172	68106	Zinc	184.2235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51173	68106	Zinc	255.2811	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51174	68106	Zinc	152.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51175	68106	Zinc	462.0904	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51176	68106	Zinc	194.2983	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51178	68106	Zinc	149.2287	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51179	68106	Zinc	172.1017	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51180	68106	Zinc	174.6916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51181	68106	Zinc	162.4897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51182	68106	Zinc	438.1761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51183	68106	Zinc	163.4776	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51184	68106	Zinc	399.6124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51185	68106	Zinc	195.2951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51187	68106	Zinc	128.643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51188	68106	Zinc	168.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
562	68112	Zinc	165.311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2269	68112	Zinc	766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
3113	68112	Zinc	240.694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5328	68112	Zinc	541.692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
39713	68112	Zinc	482.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
39714	68112	Zinc	297.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
39715	68112	Zinc	340.9169	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39717	68112	Zinc	260.007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39722	68112	Zinc	291.7177	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
39729	68112	Zinc	257.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39737	68112	Zinc	167.7763	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39740	68112	Zinc	477.4251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
39744	68112	Zinc	279.3289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39746	68112	Zinc	392.4835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
39750	68112	Zinc	340.0536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39751	68112	Zinc	235.977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39752	68112	Zinc	411.7342	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
39755	68112	Zinc	777.809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39761	68112	Zinc	176.2402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39765	68112	Zinc	276.828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39775	68112	Zinc	242.5808	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39786	68112	Zinc	528.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
39809	68112	Zinc	574.8712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
39812	68112	Zinc	247.2088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39820	68112	Zinc	272.8764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39822	68112	Zinc	421.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
39823	68112	Zinc	182.666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39829	68112	Zinc	522.824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
39834	68112	Zinc	217.3582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39840	68112	Zinc	480.2642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
39845	68112	Zinc	374.9238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
39846	68112	Zinc	232.8175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
39874	68112	Zinc	637.3759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
39924	68112	Zinc	281.3314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39928	68112	Zinc	336.7072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39931	68112	Zinc	274.5051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39937	68112	Zinc	480.3532	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
39941	68112	Zinc	278.2253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39945	68112	Zinc	334.6869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39951	68112	Zinc	349	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
39957	68112	Zinc	202.8601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39961	68112	Zinc	355.4506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
39965	68112	Zinc	309.758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39968	68112	Zinc	351.6503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
39970	68112	Zinc	254.7026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
39983	68112	Zinc	325.066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
39988	68112	Zinc	211.2528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
39991	68112	Zinc	495.768	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
39998	68112	Zinc	253.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40016	68112	Zinc	508.228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
40027	68112	Zinc	216.4148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40046	68112	Zinc	244.432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40058	68112	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
40072	68112	Zinc	205.6903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40077	68112	Zinc	190.676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40079	68112	Zinc	383.361	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40082	68112	Zinc	264.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40087	68112	Zinc	229.0261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
40094	68112	Zinc	153.741	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
40135	68112	Zinc	257.248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40141	68112	Zinc	229.8894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
40144	68112	Zinc	274.0868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40150	68112	Zinc	314.2436	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
40159	68112	Zinc	252.442	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40164	68112	Zinc	507.2401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
40174	68112	Zinc	450.9476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
40184	68112	Zinc	393.952	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40186	68112	Zinc	219.2717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
40190	68112	Zinc	236.8403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40192	68112	Zinc	189.341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40194	68112	Zinc	259	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40196	68112	Zinc	237.8282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40205	68112	Zinc	283.6365	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
40206	68112	Zinc	460.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
40217	68112	Zinc	392.528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40240	68112	Zinc	214.439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40247	68112	Zinc	319.8684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
40253	68112	Zinc	316.077	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
40268	68112	Zinc	467.5728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
40277	68112	Zinc	174.745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40299	68112	Zinc	824.712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
40311	68112	Zinc	463.6835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
40317	68112	Zinc	257.604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40324	68112	Zinc	295.1086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
40332	68112	Zinc	132.025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
40361	68112	Zinc	390.6946	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40370	68112	Zinc	516.416	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER									NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			CTE		CTE		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
40371	68112	Zinc	253.1095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40380	68112	Zinc	346.871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
40391	68112	Zinc	750.664	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
40402	68112	Zinc	376.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40404	68112	Zinc	203.6967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40409	68112	Zinc	282.2926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
40410	68112	Zinc	218.2037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40411	68112	Zinc	365.0982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
40412	68112	Zinc	251.908	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40414	68112	Zinc	391.816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40421	68112	Zinc	224.4782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
40423	68112	Zinc	110.9142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
40429	68112	Zinc	281.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
40431	68112	Zinc	251.3562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40443	68112	Zinc	292.848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
40452	68112	Zinc	635.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
40474	68112	Zinc	339.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
40480	68112	Zinc	539.2712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
40486	68112	Zinc	50.547725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-04	8E-05	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-04	8E-05
40498	68112	Zinc	497.4501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
40508	68112	Zinc	459.4471	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
40509	68112	Zinc	281.0466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40518	68112	Zinc	197.262	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40523	68112	Zinc	163.4865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
40527	68112	Zinc	256.714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40529	68112	Zinc	393.329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40534	68112	Zinc	398.5889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40538	68112	Zinc	348.9981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
40547	68112	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
40662	68112	Zinc	234.7844	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40663	68112	Zinc	784.128	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
40671	68112	Zinc	127.4593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
40673	68112	Zinc	221.0695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
40695	68112	Zinc	210.1492	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40705	68112	Zinc	540.5261	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
40748	68112	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40758	68112	Zinc	243.9781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
40783	68112	Zinc	537.5535	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
40800	68112	Zinc	179.6489	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40858	68112	Zinc	509.7677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
40879	68112	Zinc	316.8691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
40894	68112	Zinc	406.056	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
40905	68112	Zinc	418.3291	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
40914	68112	Zinc	488.8705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
40994	68112	Zinc	219.6722	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
40997	68112	Zinc	172.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
40999	68112	Zinc	223.9887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
41000	68112	Zinc	397.6544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
41005	68112	Zinc	242.9724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41006	68112	Zinc	707.6681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
41009	68112	Zinc	93.043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-03	1E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-03	1E-04
41012	68112	Zinc	161.306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
41015	68112	Zinc	238.4512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41029	68112	Zinc	238.4156	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41031	68112	Zinc	148.2141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
41071	68112	Zinc	358.7881	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
41099	68112	Zinc	276.1071	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41117	68112	Zinc	262.8461	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41120	68112	Zinc	284.0548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
41137	68112	Zinc	135.496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
41144	68112	Zinc	317.0827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
41157	68112	Zinc	246.924	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41189	68112	Zinc	307.088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
41210	68112	Zinc	169.3427	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
41229	68112	Zinc	215.9075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
41242	68112	Zinc	407.8805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
41254	68112	Zinc	245.144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
41271	68112	Zinc	419.228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
41347	68112	Zinc	111.7241	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49205	68112	Zinc	678.8677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
45344	68117	Zinc	112.9434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
45593	68117	Zinc	168.2213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1358	68132	Zinc	208.832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1373	68132	Zinc	199.932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
1381	68132	Zinc	101.854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
1424	68132	Zinc	167.002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
2021	68132	Zinc	252.976	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
2136	68132	Zinc	134.3301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5018	68132	Zinc	109.775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5137	68132	Zinc	289.466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
5139	68132	Zinc	224.318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5140	68132	Zinc	1206.344	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
5312	68132	Zinc	258.672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5313	68132	Zinc	229.836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
5314	68132	Zinc	238.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
5315	68132	Zinc	148.401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
5316	68132	Zinc	139.145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	CTE		CTE							CTE		CTE									
								Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
5317	68132	Zinc	150.715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49486	68132	Zinc	137.4451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49487	68132	Zinc	158.4224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49488	68132	Zinc	410.6484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49490	68132	Zinc	206.8028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49491	68132	Zinc	264.3858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49493	68132	Zinc	214.8306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49494	68132	Zinc	416.9941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49495	68132	Zinc	140.5957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49496	68132	Zinc	335.7638	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49497	68132	Zinc	267.3673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49498	68132	Zinc	490.9175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49500	68132	Zinc	212.1161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49501	68132	Zinc	212.3831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49502	68132	Zinc	248.8642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49503	68132	Zinc	400.4045	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49504	68132	Zinc	295.9007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49505	68132	Zinc	258.0935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49506	68132	Zinc	248.8375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49509	68132	Zinc	339.7243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49510	68132	Zinc	240.9699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49511	68132	Zinc	291.6732	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49512	68132	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49513	68132	Zinc	483.7174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49514	68132	Zinc	755.7103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49515	68132	Zinc	286.796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49516	68132	Zinc	325.5644	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49517	68132	Zinc	335.4701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49518	68132	Zinc	326.223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49519	68132	Zinc	192.1801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49521	68132	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49522	68132	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49523	68132	Zinc	170.8557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49524	68132	Zinc	200.8309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49525	68132	Zinc	496.6402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49526	68132	Zinc	248.6506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49527	68132	Zinc	259.9625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49528	68132	Zinc	340.8368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49529	68132	Zinc	308.5921	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49536	68132	Zinc	512.3398	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49538	68132	Zinc	207.5593	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49539	68132	Zinc	256.0198	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49540	68132	Zinc	497.8595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49541	68132	Zinc	194.1381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49542	68132	Zinc	322.5562	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49543	68132	Zinc	260.7724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49544	68132	Zinc	230.6815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49546	68132	Zinc	268.0348	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49547	68132	Zinc	238.558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49548	68132	Zinc	343.8272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49551	68132	Zinc	307.1681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49552	68132	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49553	68132	Zinc	306.4294	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49554	68132	Zinc	470.4564	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49556	68132	Zinc	264.813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49558	68132	Zinc	329.9966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49561	68132	Zinc	398.8114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49563	68132	Zinc	490.2678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49564	68132	Zinc	358.8504	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49565	68132	Zinc	415.5968	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49566	68132	Zinc	622.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49567	68132	Zinc	453.4129	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49568	68132	Zinc	348.3395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49569	68132	Zinc	534.3584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49571	68132	Zinc	623.1982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49573	68132	Zinc	298.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49574	68132	Zinc	653.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49575	68132	Zinc	517.8222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49576	68132	Zinc	362.5172	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49577	68132	Zinc	294.9662	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49578	68132	Zinc	286.7871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49583	68132	Zinc	409.8652	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49584	68132	Zinc	488.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49585	68132	Zinc	436.405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49588	68132	Zinc	514.3423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49589	68132	Zinc	308.3963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49590	68132	Zinc	282.4795	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49591	68132	Zinc	327.0062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49592	68132	Zinc	260.4965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49594	68132	Zinc	417.4925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49595	68132	Zinc	858.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49599	68132	Zinc	290	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49602	68132	Zinc	870.725	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49603	68132	Zinc	737.1894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49604	68132	Zinc	220.6423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49607	68132	Zinc	157.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49608	68132	Zinc	149.6559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER				NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE					
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49610	68132	Zinc	352.9675	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49612	68132	Zinc	482.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49613	68132	Zinc	259.028	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49614	68132	Zinc	142.1888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49615	68132	Zinc	224.9677	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49616	68132	Zinc	265.2491	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49618	68132	Zinc	238.3266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49619	68132	Zinc	219.3785	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49620	68132	Zinc	274.7098	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49621	68132	Zinc	1723.434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-02	3E-03
49622	68132	Zinc	335.7104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49623	68132	Zinc	224.0065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49624	68132	Zinc	1279.235	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49625	68132	Zinc	246.2654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49626	68132	Zinc	394.9666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49627	68132	Zinc	226.2048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49628	68132	Zinc	213	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49632	68132	Zinc	500.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49634	68132	Zinc	468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49635	68132	Zinc	310.0072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49637	68132	Zinc	270.9718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49638	68132	Zinc	282.9423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49639	68132	Zinc	296.4525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49640	68132	Zinc	174.3445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49641	68132	Zinc	422.9927	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49642	68132	Zinc	644.2912	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49643	68132	Zinc	421.4441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49644	68132	Zinc	190.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49645	68132	Zinc	524.9244	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49647	68132	Zinc	145.4729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49648	68132	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49649	68132	Zinc	245.3309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49651	68132	Zinc	174.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49652	68132	Zinc	428.7065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49653	68132	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49654	68132	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49656	68132	Zinc	305.1122	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49657	68132	Zinc	193.7554	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49659	68132	Zinc	1031.103	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49660	68132	Zinc	209.2592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49661	68132	Zinc	261.164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49662	68132	Zinc	250.2615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49663	68132	Zinc	477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49664	68132	Zinc	168.96	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49665	68132	Zinc	225.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49666	68132	Zinc	1459.994	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49667	68132	Zinc	220.1973	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49668	68132	Zinc	628.2356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
49669	68132	Zinc	163.2729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49670	68132	Zinc	161.484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49671	68132	Zinc	319.5836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49672	68132	Zinc	328.9642	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49674	68132	Zinc	387.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49676	68132	Zinc	232.2301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49678	68132	Zinc	187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49679	68132	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49680	68132	Zinc	255.7617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49681	68132	Zinc	587.6605	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49682	68132	Zinc	246.39	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49686	68132	Zinc	347.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49687	68132	Zinc	343.5424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49688	68132	Zinc	287.419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49689	68132	Zinc	233.307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49690	68132	Zinc	199.7362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49691	68132	Zinc	306.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49692	68132	Zinc	245.9272	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49693	68132	Zinc	145.6687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49694	68132	Zinc	186.1281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49695	68132	Zinc	530.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49697	68132	Zinc	197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49698	68132	Zinc	211.4397	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49699	68132	Zinc	209.3571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49701	68132	Zinc	173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49702	68132	Zinc	307.1592	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49703	68132	Zinc	220.9093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49704	68132	Zinc	457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49707	68132	Zinc	279.2666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49708	68132	Zinc	288.9854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49709	68132	Zinc	330.7175	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49712	68132	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49713	68132	Zinc	278.7771	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49714	68132	Zinc	300.5376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49716	68132	Zinc	167.1622	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49717	68132	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49722	68132	Zinc	171.0871	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49723	68132	Zinc	244.3697	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49724	68132	Zinc	552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo $(mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER CTE Child	NONCANCER CTE Adult	CANCER CTE Child	CANCER CTE Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_CTE Child	NONCANCER HQ_CTE Adult	CANCER RISK_CTE Child	CANCER RISK_CTE Adult	CANCER RISK_CTE Total	TOTAL CANCER RISK (child and adult) CTE	TOTAL NONCANCER RISK NONCANCER HQ-child CTE	TOTAL NONCANCER RISK NONCANCER HQ-adult CTE
49725	68132	Zinc	323.5352	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49726	68132	Zinc	217.2247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49727	68132	Zinc	188.095	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49728	68132	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49729	68132	Zinc	510.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49730	68132	Zinc	259.1793	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49732	68132	Zinc	301.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49733	68132	Zinc	273.9088	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49734	68132	Zinc	292.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49736	68132	Zinc	327.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49737	68132	Zinc	184.0989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49738	68132	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49739	68132	Zinc	126.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49741	68132	Zinc	394.9043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49742	68132	Zinc	451.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49743	68132	Zinc	308.9392	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49745	68132	Zinc	192.5005	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49746	68132	Zinc	174.9764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49747	68132	Zinc	231.4914	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49749	68132	Zinc	395.5985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49752	68132	Zinc	401.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49753	68132	Zinc	251.1248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49755	68132	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49757	68132	Zinc	163.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49759	68132	Zinc	254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49760	68132	Zinc	282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49761	68132	Zinc	231.972	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49762	68132	Zinc	326.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49763	68132	Zinc	276.6678	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49764	68132	Zinc	358.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49765	68132	Zinc	276.2228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49766	68132	Zinc	177.8867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49767	68132	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49768	68132	Zinc	384.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49769	68132	Zinc	282.8266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49774	68132	Zinc	398.936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49777	68132	Zinc	236.6	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49778	68132	Zinc	326.3565	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49779	68132	Zinc	214.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49781	68132	Zinc	507.8186	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49782	68132	Zinc	222.2621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49783	68132	Zinc	317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49784	68132	Zinc	455.8515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49785	68132	Zinc	241.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49786	68132	Zinc	183.9298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49787	68132	Zinc	277.7536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49788	68132	Zinc	239.8574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49791	68132	Zinc	180.8682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49793	68132	Zinc	375.5112	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49796	68132	Zinc	272.2712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49797	68132	Zinc	320.6872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49799	68132	Zinc	331.0201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49800	68132	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49801	68132	Zinc	404.8901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49802	68132	Zinc	878.1298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49803	68132	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49804	68132	Zinc	490.3657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49805	68132	Zinc	219.1916	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49806	68132	Zinc	400	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49807	68132	Zinc	578.36	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49808	68132	Zinc	536.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49811	68132	Zinc	177.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49812	68132	Zinc	168.3637	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49813	68132	Zinc	211.0481	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49814	68132	Zinc	732.7305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49815	68132	Zinc	190.231	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49816	68132	Zinc	290.8989	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49817	68132	Zinc	183.734	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49818	68132	Zinc	359.6781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49819	68132	Zinc	378.7953	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49820	68132	Zinc	849.2493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49822	68132	Zinc	167.1711	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49823	68132	Zinc	299.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49825	68132	Zinc	266.6375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49826	68132	Zinc	391.6113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49827	68132	Zinc	197.0306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49828	68132	Zinc	300.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49832	68132	Zinc	475.8676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
49833	68132	Zinc	186.3595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49834	68132	Zinc	242.1625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49835	68132	Zinc	333.2718	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49836	68132	Zinc	281.4293	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49837	68132	Zinc	332.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49839	68132	Zinc	556.1367	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49841	68132	Zinc	412.2682	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49843	68132	Zinc	447.6101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49844	68132	Zinc	224.14	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04

OLS_Property_rest_zinc_v2.xls: Res_Soil

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Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER				NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49846	68132	Zinc	206.3578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49848	68132	Zinc	399.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49849	68132	Zinc	340.2049	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49851	68132	Zinc	266.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49852	68132	Zinc	1040	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
49853	68132	Zinc	378.2613	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49854	68132	Zinc	335.9685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49855	68132	Zinc	265	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49857	68132	Zinc	295.2332	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49858	68132	Zinc	234.7666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49859	68132	Zinc	221.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49860	68132	Zinc	232.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49861	68132	Zinc	264.9376	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49862	68132	Zinc	464.7782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49863	68132	Zinc	326.9439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49864	68132	Zinc	876.7859	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49865	68132	Zinc	393.7829	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49868	68132	Zinc	290.178	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49870	68132	Zinc	294.1385	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49872	68132	Zinc	373.838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49874	68132	Zinc	384.9274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49876	68132	Zinc	181.9006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49877	68132	Zinc	542.0124	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49881	68132	Zinc	424.4879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49883	68132	Zinc	576.8648	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49884	68132	Zinc	278.3944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49885	68132	Zinc	145.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49886	68132	Zinc	210.4251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49888	68132	Zinc	232.0076	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49889	68132	Zinc	214.7149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49891	68132	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49892	68132	Zinc	258.1825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49893	68132	Zinc	222.2888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49894	68132	Zinc	455.4243	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49895	68132	Zinc	313.5761	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49897	68132	Zinc	211.7957	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49898	68132	Zinc	211.4308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49899	68132	Zinc	241.1746	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49901	68132	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49902	68132	Zinc	212.6501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49905	68132	Zinc	288.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49906	68132	Zinc	557.9434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
49907	68132	Zinc	183.378	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49908	68132	Zinc	253.5723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49909	68132	Zinc	531.3057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49910	68132	Zinc	190.8184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49911	68132	Zinc	169.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49912	68132	Zinc	236.4131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49913	68132	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49914	68132	Zinc	181.9896	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49915	68132	Zinc	451.0188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49916	68132	Zinc	219.5743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49917	68132	Zinc	243.8713	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49918	68132	Zinc	161.1636	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49920	68132	Zinc	263.4602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49921	68132	Zinc	326.9439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49922	68132	Zinc	319.2543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49923	68132	Zinc	315.1425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49924	68132	Zinc	432.0351	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49925	68132	Zinc	297.6451	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49926	68132	Zinc	303.3055	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49927	68132	Zinc	350.253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49928	68132	Zinc	285.1406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49929	68132	Zinc	279.8985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49930	68132	Zinc	385.7373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49931	68132	Zinc	721.0448	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49932	68132	Zinc	269.1473	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49933	68132	Zinc	165.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
49934	68132	Zinc	284.6778	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
49935	68132	Zinc	571.5604	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49936	68132	Zinc	127.8509	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49937	68132	Zinc	324.1849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49938	68132	Zinc	308.067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49939	68132	Zinc	462.7579	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49940	68132	Zinc	331.0468	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49941	68132	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49943	68132	Zinc	440.3922	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49944	68132	Zinc	218.5508	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49945	68132	Zinc	185.0423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49946	68132	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49947	68132	Zinc	249.5495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49948	68132	Zinc	398.58	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49950	68132	Zinc	410.2301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49952	68132	Zinc	805.0163	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49953	68132	Zinc	205.2542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49954	68132	Zinc	410.1945	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
49955	68132	Zinc	245.2864	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
49956	68132	Zinc	214.5191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49958	68132	Zinc	191.5126	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49959	68132	Zinc	260.4965	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49960	68132	Zinc	200.8932	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49961	68132	Zinc	325.4843	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49962	68132	Zinc	525.85	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49963	68132	Zinc	221.0339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49964	68132	Zinc	391.3888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49965	68132	Zinc	330.673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49966	68132	Zinc	331.9724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49968	68132	Zinc	505.4868	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49969	68132	Zinc	154.6399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
49970	68132	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49971	68132	Zinc	319.459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49972	68132	Zinc	206.5447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49973	68132	Zinc	308.3162	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49974	68132	Zinc	318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49975	68132	Zinc	252.1483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49976	68132	Zinc	248.4459	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49978	68132	Zinc	509.4206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
49979	68132	Zinc	839.8865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
49981	68132	Zinc	230.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49982	68132	Zinc	199.9943	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49983	68132	Zinc	221.1318	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
49984	68132	Zinc	213.46	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49985	68132	Zinc	337.9977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49986	68132	Zinc	582.1247	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
49988	68132	Zinc	444.7799	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
49989	68132	Zinc	318.9962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49990	68132	Zinc	248.4281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
49991	68132	Zinc	399.2475	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49992	68132	Zinc	343.8717	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
49993	68132	Zinc	194.0224	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
49994	68132	Zinc	357.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
49995	68132	Zinc	372	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
49996	68132	Zinc	319.8061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50479	68132	Zinc	110.3891	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50484	68132	Zinc	154.9603	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50485	68132	Zinc	193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50490	68132	Zinc	513.0696	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
50493	68132	Zinc	145.8289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50494	68132	Zinc	202.4062	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
50536	68132	Zinc	730.7013	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
50549	68132	Zinc	339.5819	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
50550	68132	Zinc	400.6537	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
50591	68132	Zinc	107.1406	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50592	68132	Zinc	122.3329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
50597	68132	Zinc	273.4816	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51189	68132	Zinc	202.4329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51190	68132	Zinc	246.1319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51191	68132	Zinc	354.6496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51192	68132	Zinc	261.7692	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51193	68132	Zinc	179.4264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51194	68132	Zinc	280.6906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51195	68132	Zinc	235.2116	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51197	68132	Zinc	313.8253	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51199	68132	Zinc	410.7552	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51200	68132	Zinc	186.0836	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51201	68132	Zinc	163.6823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51202	68132	Zinc	344.29	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51203	68132	Zinc	512.6691	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51205	68132	Zinc	278.6347	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51207	68132	Zinc	360.9686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51208	68132	Zinc	680.1582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51209	68132	Zinc	827.2396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51210	68132	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51211	68132	Zinc	283.2894	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51212	68132	Zinc	288.5404	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51214	68132	Zinc	258.2181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51215	68132	Zinc	228.3942	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51216	68132	Zinc	275.4752	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51217	68132	Zinc	258	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51218	68132	Zinc	213.6202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51219	68132	Zinc	157.4523	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51220	68132	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51221	68132	Zinc	345.9009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51222	68132	Zinc	200.4838	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51223	68132	Zinc	255.5926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51224	68132	Zinc	252.5399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51225	68132	Zinc	352.1487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51226	68132	Zinc	201.5251	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51227	68132	Zinc	301.7035	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51228	68132	Zinc	170	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51230	68132	Zinc	218.8	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51231	68132	Zinc	369.9309	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51232	68132	Zinc	207.1143	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51233	68132	Zinc	184.4282	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51234	68132	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51235	68132	Zinc	229.9339	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51238	68132	Zinc	328.2166	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51239	68132	Zinc	196.55	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51240	68132	Zinc	239.003	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51241	68132	Zinc	322.2447	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51242	68132	Zinc	175.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51243	68132	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51245	68132	Zinc	312.4814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51246	68132	Zinc	362.2591	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51247	68132	Zinc	193.7465	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51248	68132	Zinc	206.6693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51249	68132	Zinc	362.357	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51250	68132	Zinc	169.405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51251	68132	Zinc	181.4289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51252	68132	Zinc	284.8647	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51253	68132	Zinc	270.0996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51254	68132	Zinc	297.8676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51255	68132	Zinc	215.3824	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51256	68132	Zinc	248	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51259	68132	Zinc	186.9825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51260	68132	Zinc	745.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51261	68132	Zinc	167.5093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51262	68132	Zinc	202.7889	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51263	68132	Zinc	215.5782	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51266	68132	Zinc	187.7568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51267	68132	Zinc	279.7027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51269	68132	Zinc	407.0439	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51270	68132	Zinc	233.9656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51271	68132	Zinc	215.3379	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51272	68132	Zinc	182.4168	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51273	68132	Zinc	245.5623	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51274	68132	Zinc	184.9533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51276	68132	Zinc	222.716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51277	68132	Zinc	209.544	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51278	68132	Zinc	464.6625	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51279	68132	Zinc	204.6668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51280	68132	Zinc	201.3827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51281	68132	Zinc	436.316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51283	68132	Zinc	299.3183	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51284	68132	Zinc	239.6171	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51285	68132	Zinc	243.898	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51286	68132	Zinc	221.3543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51287	68132	Zinc	155.6634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51288	68132	Zinc	158.4847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51289	68132	Zinc	173.6414	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51291	68132	Zinc	201.5963	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51292	68132	Zinc	194.9925	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51293	68132	Zinc	580.941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
51294	68132	Zinc	298.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51295	68132	Zinc	277.3353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51296	68132	Zinc	223.606	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51298	68132	Zinc	251.8991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51299	68132	Zinc	224.9855	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51300	68132	Zinc	345.2779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51302	68132	Zinc	255.0764	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51303	68132	Zinc	1421.19	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51304	68132	Zinc	325.4131	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51306	68132	Zinc	249.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51307	68132	Zinc	188.184	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51308	68132	Zinc	296.6127	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51309	68132	Zinc	220.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51310	68132	Zinc	216.8064	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51312	68132	Zinc	205.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51314	68132	Zinc	206.4646	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51315	68132	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51319	68132	Zinc	223.9709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51320	68132	Zinc	173.0006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51321	68132	Zinc	161.1102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51323	68132	Zinc	164.9817	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51327	68132	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51329	68132	Zinc	173.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51330	68132	Zinc	237.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51331	68132	Zinc	176.2847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51332	68132	Zinc	143.773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51333	68132	Zinc	136.1368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51334	68132	Zinc	280.8775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51336	68132	Zinc	247.6093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51338	68132	Zinc	190.2221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51344	68132	Zinc	459.2869	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51347	68132	Zinc	226.5341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51348	68132	Zinc	210.3094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51349	68132	Zinc	217.02	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51350	68132	Zinc	274.7543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51351	68132	Zinc	292.3051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51352	68132	Zinc	304.0086	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51353	68132	Zinc	552.5144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51354	68132	Zinc	235.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51356	68132	Zinc	321.4882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51357	68132	Zinc	434.6784	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51358	68132	Zinc	214.8395	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51359	68132	Zinc	382.2485	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51361	68132	Zinc	299.1225	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51362	68132	Zinc	203.1093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51363	68132	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51364	68132	Zinc	245.5267	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51367	68132	Zinc	217.2158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51368	68132	Zinc	209.01	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51369	68132	Zinc	205.8327	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51370	68132	Zinc	302.9762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51374	68132	Zinc	505.7449	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51379	68132	Zinc	330.05	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51380	68132	Zinc	370.2424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51381	68132	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51383	68132	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51384	68132	Zinc	225.2525	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51386	68132	Zinc	318.9161	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51387	68132	Zinc	337.1967	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51388	68132	Zinc	303.2254	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51389	68132	Zinc	190.3823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51391	68132	Zinc	225.7598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51392	68132	Zinc	267.8568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51393	68132	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51394	68132	Zinc	236.5377	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51395	68132	Zinc	242.83	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51396	68132	Zinc	151.7474	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51397	68132	Zinc	226.6053	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51398	68132	Zinc	286.2709	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51399	68132	Zinc	511.7079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51400	68132	Zinc	308.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51401	68132	Zinc	260.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51404	68132	Zinc	517.3238	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51405	68132	Zinc	372.9302	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51407	68132	Zinc	247.3067	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51408	68132	Zinc	200.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51409	68132	Zinc	186.76	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51410	68132	Zinc	277.7002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51412	68132	Zinc	195.66	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51413	68132	Zinc	276.6322	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51414	68132	Zinc	281.901	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51415	68132	Zinc	244.8236	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51416	68132	Zinc	450.0487	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51422	68132	Zinc	300.5999	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51426	68132	Zinc	298.6775	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51427	68132	Zinc	298.9801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51433	68132	Zinc	271.2477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51434	68132	Zinc	352.9319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51437	68132	Zinc	237.1607	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51440	68132	Zinc	579.9887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
51444	68132	Zinc	409.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51445	68132	Zinc	464.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51454	68132	Zinc	1033.417	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51455	68132	Zinc	277.985	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51456	68132	Zinc	656.1727	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51457	68132	Zinc	242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51458	68132	Zinc	170.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51459	68132	Zinc	283.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51460	68132	Zinc	392.5814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51464	68132	Zinc	275.4396	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51466	68132	Zinc	454.3563	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51467	68132	Zinc	414.2796	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51468	68132	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51469	68132	Zinc	336.458	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51470	68132	Zinc	456.5991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51471	68132	Zinc	416.7093	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51473	68132	Zinc	285.5411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51474	68132	Zinc	350.9027	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51475	68132	Zinc	531.368	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51476	68132	Zinc	449.31	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51479	68132	Zinc	198.0897	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51480	68132	Zinc	881.4762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51481	68132	Zinc	229.9695	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51482	68132	Zinc	243.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51483	68132	Zinc	230.2899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51485	68132	Zinc	241.2102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51486	68132	Zinc	546.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51488	68132	Zinc	369.0676	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51489	68132	Zinc	366.629	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51490	68132	Zinc	491.5494	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51491	68132	Zinc	248.4192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51492	68132	Zinc	268.8981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51493	68132	Zinc	238.4601	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51494	68132	Zinc	659.2877	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51495	68132	Zinc	200.1189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51496	68132	Zinc	260.7902	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51497	68132	Zinc	242.2159	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51499	68132	Zinc	190.2399	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51504	68132	Zinc	327.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51505	68132	Zinc	319.192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51506	68132	Zinc	131.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51507	68132	Zinc	314.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51508	68132	Zinc	415.3654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51510	68132	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51511	68132	Zinc	405.9581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51512	68132	Zinc	393.8007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51515	68132	Zinc	368.6048	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51516	68132	Zinc	380.2104	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51517	68132	Zinc	310.8883	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51519	68132	Zinc	306.8121	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51520	68132	Zinc	280.3969	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51522	68132	Zinc	293.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51524	68132	Zinc	233.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51525	68132	Zinc	448.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51526	68132	Zinc	292.6255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51528	68132	Zinc	141.0229	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51529	68132	Zinc	1088.063	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51530	68132	Zinc	348.74	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51532	68132	Zinc	291.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51533	68132	Zinc	289.3948	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51538	68132	Zinc	572.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
51540	68132	Zinc	219.69	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51541	68132	Zinc	231.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51542	68132	Zinc	267.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51543	68132	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51544	68132	Zinc	563.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51545	68132	Zinc	670.1101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51546	68132	Zinc	318.8182	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51547	68132	Zinc	750.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51550	68132	Zinc	196.3809	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51551	68132	Zinc	210.2026	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51552	68132	Zinc	370.0555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51553	68132	Zinc	327.6559	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51556	68132	Zinc	373.7935	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51557	68132	Zinc	141.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51558	68132	Zinc	580.7007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
51559	68132	Zinc	245.5	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51561	68132	Zinc	148.1429	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51564	68132	Zinc	237.6146	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51565	68132	Zinc	168.5061	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51566	68132	Zinc	393.0531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51567	68132	Zinc	222.805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51569	68132	Zinc	311.805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51571	68132	Zinc	417.7684	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51574	68132	Zinc	246.3366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51577	68132	Zinc	263.7094	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51578	68132	Zinc	216.1745	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51582	68132	Zinc	467.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51583	68132	Zinc	419.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51584	68132	Zinc	144.574	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51585	68132	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51586	68132	Zinc	394.2546	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51587	68132	Zinc	639.5831	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51588	68132	Zinc	413.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51589	68132	Zinc	228.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51590	68132	Zinc	208.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51591	68132	Zinc	138.2728	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51592	68132	Zinc	205.4767	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51594	68132	Zinc	294.45	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51595	68132	Zinc	281.99	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51596	68132	Zinc	280.3791	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51597	68132	Zinc	163.264	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51598	68132	Zinc	135.8075	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51600	68132	Zinc	221.7548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51601	68132	Zinc	200.5639	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51602	68132	Zinc	205.895	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51607	68132	Zinc	135.1311	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51608	68132	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51609	68132	Zinc	207.7373	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51613	68132	Zinc	327.1486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51615	68132	Zinc	504.401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51617	68132	Zinc	139.8125	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51618	68132	Zinc	153.0735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51619	68132	Zinc	301.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51620	68132	Zinc	253.9105	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51621	68132	Zinc	226.1781	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51623	68132	Zinc	391.9762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51624	68132	Zinc	288.1488	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51625	68132	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51626	68132	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51627	68132	Zinc	201.9434	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51628	68132	Zinc	278.8216	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo $(mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE Child	CTE Adult	CTE Child	CTE Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51629	68132	Zinc	329.4715	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51630	68132	Zinc	233.93	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51631	68132	Zinc	204.2307	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51633	68132	Zinc	282.88	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51634	68132	Zinc	647.4685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51637	68132	Zinc	738.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51638	68132	Zinc	443.9255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51639	68132	Zinc	223.1521	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51640	68132	Zinc	379.3827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51641	68132	Zinc	305.9043	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51642	68132	Zinc	214.2699	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51645	68132	Zinc	308	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51646	68132	Zinc	498.9097	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51648	68132	Zinc	163.531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51650	68132	Zinc	373.5354	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51652	68132	Zinc	371.4617	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51653	68132	Zinc	248.1878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51654	68132	Zinc	263.9319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51655	68132	Zinc	218.2749	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51656	68132	Zinc	220.5533	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51657	68132	Zinc	351.7037	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51658	68132	Zinc	257.9066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51659	68132	Zinc	260	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51660	68132	Zinc	975.211	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
51661	68132	Zinc	341.7446	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51662	68132	Zinc	639.4051	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51663	68132	Zinc	676.9008	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51664	68132	Zinc	136.0033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51667	68132	Zinc	195.7312	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51668	68132	Zinc	204.5867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51669	68132	Zinc	541.1847	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51671	68132	Zinc	300	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51672	68132	Zinc	188.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51673	68132	Zinc	243.3106	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51676	68132	Zinc	364.6977	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51678	68132	Zinc	148.49	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51679	68132	Zinc	159.7841	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51680	68132	Zinc	373.0726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51681	68132	Zinc	266.9401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51682	68132	Zinc	262.4189	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51683	68132	Zinc	201	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51684	68132	Zinc	273.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51685	68132	Zinc	556.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51687	68132	Zinc	738.4087	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51688	68132	Zinc	229.48	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51689	68132	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51690	68132	Zinc	202.7266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51691	68132	Zinc	230.4679	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51692	68132	Zinc	308.7701	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51693	68132	Zinc	398.2418	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51694	68132	Zinc	278.7415	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51696	68132	Zinc	902.9608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51699	68132	Zinc	241.4772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51700	68132	Zinc	230.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51701	68132	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51703	68132	Zinc	534.8301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51704	68132	Zinc	431.4833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51705	68132	Zinc	410.5861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51706	68132	Zinc	466.1132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51708	68132	Zinc	184.6685	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51709	68132	Zinc	356.305	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51710	68132	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51711	68132	Zinc	209.8911	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51712	68132	Zinc	289	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51715	68132	Zinc	357.1594	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51716	68132	Zinc	289.3681	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51717	68132	Zinc	274.6119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51720	68132	Zinc	199.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51721	68132	Zinc	855.2212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51722	68132	Zinc	359.242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51724	68132	Zinc	343.1686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51725	68132	Zinc	730.6301	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51727	68132	Zinc	412.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51728	68132	Zinc	430.8425	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51730	68132	Zinc	286.4845	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51731	68132	Zinc	217.9723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51733	68132	Zinc	351.7304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51734	68132	Zinc	261.7158	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51735	68132	Zinc	260	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51736	68132	Zinc	283.5653	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51737	68132	Zinc	254.4	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51738	68132	Zinc	433.8774	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51747	68132	Zinc	376.4991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51748	68132	Zinc	284.9893	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51749	68132	Zinc	242.2515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51750	68132	Zinc	164	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51751	68132	Zinc	144.04	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER				NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE					
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51752	68132	Zinc	213.7804	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51753	68132	Zinc	274.2826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51754	68132	Zinc	295.5981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51756	68132	Zinc	143.4882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51757	68132	Zinc	268.8091	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51758	68132	Zinc	208.0221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51759	68132	Zinc	275.493	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51764	68132	Zinc	297.2001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51765	68132	Zinc	338.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51766	68132	Zinc	130.8858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51767	68132	Zinc	138.0147	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51768	68132	Zinc	209.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51769	68132	Zinc	131.402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51772	68132	Zinc	358.9038	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51774	68132	Zinc	306.3849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51775	68132	Zinc	206.4557	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51777	68132	Zinc	386.654	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51778	68132	Zinc	179.0704	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51779	68132	Zinc	228	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51780	68132	Zinc	232.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51781	68132	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51782	68132	Zinc	281.0555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51783	68132	Zinc	147.1016	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51784	68132	Zinc	231.9542	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51785	68132	Zinc	155.5477	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51786	68132	Zinc	333.5833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51787	68132	Zinc	160.772	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51788	68132	Zinc	324.7011	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51789	68132	Zinc	242.1714	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51790	68132	Zinc	268.0615	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51791	68132	Zinc	330.8866	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51792	68132	Zinc	269.2096	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51793	68132	Zinc	275.7066	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51795	68132	Zinc	306.3582	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51796	68132	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51797	68132	Zinc	313.5672	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51798	68132	Zinc	837.1453	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51800	68132	Zinc	329	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51801	68132	Zinc	227.5042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51802	68132	Zinc	181.7849	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51803	68132	Zinc	532.2402	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51805	68132	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51806	68132	Zinc	228.501	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51807	68132	Zinc	392.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51808	68132	Zinc	271.0786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51809	68132	Zinc	429.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51813	68132	Zinc	208.476	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51814	68132	Zinc	279.3823	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51816	68132	Zinc	265.1512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51817	68132	Zinc	397.4141	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51818	68132	Zinc	189.8483	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51819	68132	Zinc	287.0363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51820	68132	Zinc	824.1157	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51821	68132	Zinc	208.298	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51822	68132	Zinc	331.7944	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51825	68132	Zinc	313.0599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51826	68132	Zinc	317.6612	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51827	68132	Zinc	218.8445	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51828	68132	Zinc	354.4805	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51829	68132	Zinc	206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51831	68132	Zinc	410.951	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
51832	68132	Zinc	155.0137	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51834	68132	Zinc	238.113	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51835	68132	Zinc	221.3009	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51837	68132	Zinc	194.1114	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51838	68132	Zinc	215.8007	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51839	68132	Zinc	240.9432	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51840	68132	Zinc	397.5743	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51842	68132	Zinc	197.44	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51843	68132	Zinc	246.9596	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51844	68132	Zinc	314	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51845	68132	Zinc	205.7882	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51846	68132	Zinc	939	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	2E-03
51847	68132	Zinc	1050	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	2E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	2E-03
51848	68132	Zinc	293.3375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51849	68132	Zinc	371.9779	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51850	68132	Zinc	871.6773	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51851	68132	Zinc	308.1115	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51853	68132	Zinc	186.8134	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51854	68132	Zinc	131.7758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51855	68132	Zinc	220.5266	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51856	68132	Zinc	141.4412	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51857	68132	Zinc	304	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51858	68132	Zinc	267.9814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51859	68132	Zinc	142.6694	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51860	68132	Zinc	225.0656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51861	68132	Zinc	279.8362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51863	68132	Zinc	146.4786	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51864	68132	Zinc	327.1486	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51865	68132	Zinc	291.424	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51866	68132	Zinc	171.7457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51867	68132	Zinc	297.9655	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51868	68132	Zinc	277.3353	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51870	68132	Zinc	308.0403	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51871	68132	Zinc	195.5888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51872	68132	Zinc	256.7407	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51873	68132	Zinc	170.1437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51874	68132	Zinc	322.6185	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51875	68132	Zinc	209.0278	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51876	68132	Zinc	515.3658	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
51877	68132	Zinc	166.735	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51878	68132	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51879	68132	Zinc	164.9906	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51881	68132	Zinc	261.3865	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51884	68132	Zinc	281.1801	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51885	68132	Zinc	174.9319	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51886	68132	Zinc	258.8144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51889	68132	Zinc	280.1833	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51890	68132	Zinc	177.4595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51891	68132	Zinc	213.9495	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51892	68132	Zinc	290.89	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51894	68132	Zinc	477.1759	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51895	68132	Zinc	204.4888	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51896	68132	Zinc	372.7255	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51897	68132	Zinc	249.2558	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51898	68132	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51901	68132	Zinc	284.2595	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51902	68132	Zinc	189.4923	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51904	68132	Zinc	152.8065	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51905	68132	Zinc	394.7174	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51906	68132	Zinc	341.62	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51907	68132	Zinc	150.5726	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51908	68132	Zinc	228.0827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51910	68132	Zinc	250.84	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51911	68132	Zinc	256.7674	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51913	68132	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51914	68132	Zinc	192.1	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51916	68132	Zinc	339.1102	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51917	68132	Zinc	183.2	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51918	68132	Zinc	617.4132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
51919	68132	Zinc	340.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51920	68132	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51921	68132	Zinc	389.2884	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51922	68132	Zinc	219.0848	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51923	68132	Zinc	376.8462	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51924	68132	Zinc	250.6531	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51926	68132	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51927	68132	Zinc	155.2006	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51928	68132	Zinc	171.63	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51929	68132	Zinc	267.7411	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51930	68132	Zinc	331.9101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51932	68132	Zinc	318.2931	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51933	68132	Zinc	172.1729	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51934	68132	Zinc	178.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51935	68132	Zinc	197.3599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51936	68132	Zinc	171.7813	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51937	68132	Zinc	188.0683	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51938	68132	Zinc	200.4393	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51941	68132	Zinc	479.8281	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51943	68132	Zinc	164.5456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51944	68132	Zinc	214.5992	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51945	68132	Zinc	247.6538	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51946	68132	Zinc	202	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51948	68132	Zinc	476.9	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
51949	68132	Zinc	297.12	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51950	68132	Zinc	719.3004	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51951	68132	Zinc	316.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51955	68132	Zinc	284.0993	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51956	68132	Zinc	262.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51957	68132	Zinc	230.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51958	68132	Zinc	272.0042	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51959	68132	Zinc	261.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51960	68132	Zinc	455.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51961	68132	Zinc	246.2209	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51962	68132	Zinc	151.1511	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51964	68132	Zinc	155.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51965	68132	Zinc	259.1437	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51967	68132	Zinc	813.2132	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51968	68132	Zinc	350.787	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51969	68132	Zinc	354.2313	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51970	68132	Zinc	238.7716	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51971	68132	Zinc	251.6766	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51972	68132	Zinc	149	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
51973	68132	Zinc	276.5966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
51977	68132	Zinc	240.9966	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51978	68132	Zinc	694.1668	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
51979	68132	Zinc	168.7197	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51980	68132	Zinc	310.0873	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51982	68132	Zinc	226.3383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
51983	68132	Zinc	440.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
51984	68132	Zinc	357.3285	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51985	68132	Zinc	539.5827	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
51986	68132	Zinc	362.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51987	68132	Zinc	277.54	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
51988	68132	Zinc	394.2724	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
51990	68132	Zinc	216.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
51992	68132	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
51994	68132	Zinc	364.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
51997	68132	Zinc	286	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
51998	68132	Zinc	157.0518	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
51999	68132	Zinc	191.0854	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52000	68132	Zinc	166.5837	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52001	68132	Zinc	301.926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52003	68132	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52004	68132	Zinc	258.4584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52005	68132	Zinc	183.4047	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52008	68132	Zinc	216.0232	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52009	68132	Zinc	309.8826	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52010	68132	Zinc	547.9754	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
52011	68132	Zinc	250.1903	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52012	68132	Zinc	254.222	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52013	68132	Zinc	210.8256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52014	68132	Zinc	196.9861	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52017	68132	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52018	68132	Zinc	377.22	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52020	68132	Zinc	274.1936	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52021	68132	Zinc	282.7643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52023	68132	Zinc	201.8366	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52024	68132	Zinc	407.9072	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52026	68132	Zinc	338.1401	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52027	68132	Zinc	418.872	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52028	68132	Zinc	312.7484	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52029	68132	Zinc	183.3602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52030	68132	Zinc	178.3317	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52033	68132	Zinc	499.2212	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	8E-04
52034	68132	Zinc	282.4528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52035	68132	Zinc	299	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52036	68132	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52037	68132	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52038	68132	Zinc	257.3192	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52039	68132	Zinc	162.73	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52041	68132	Zinc	354.1423	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52043	68132	Zinc	192.9188	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52044	68132	Zinc	190.2577	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52045	68132	Zinc	246.835	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52046	68132	Zinc	245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52048	68132	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52049	68132	Zinc	192.634	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52050	68132	Zinc	185.959	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52051	68132	Zinc	137.4807	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52052	68132	Zinc	248.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52054	68132	Zinc	197.2887	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52055	68132	Zinc	231.5982	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52056	68132	Zinc	241.1568	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52059	68132	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52060	68132	Zinc	145.82	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52062	68132	Zinc	512.1173	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
52064	68132	Zinc	242.9991	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52065	68132	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52066	68132	Zinc	523.0109	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
52068	68132	Zinc	325.3686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52070	68132	Zinc	180.2719	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52071	68132	Zinc	445.75	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
52072	68132	Zinc	274.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52074	68132	Zinc	356.0469	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52075	68132	Zinc	221.4878	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52076	68132	Zinc	217.7142	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52077	68132	Zinc	161.3505	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52078	68132	Zinc	172.3954	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52079	68132	Zinc	310.737	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52080	68132	Zinc	245.8738	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52082	68132	Zinc	242.2515	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52084	68132	Zinc	321.239	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52085	68132	Zinc	325	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52086	68132	Zinc	154.7467	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52087	68132	Zinc	125.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52088	68132	Zinc	173.1608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52089	68132	Zinc	247.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52090	68132	Zinc	256	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52091	68132	Zinc	255.9041	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52093	68132	Zinc	403.92	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
52094	68132	Zinc	171.274	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52095	68132	Zinc	215.2578	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52096	68132	Zinc	199.8252	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52097	68132	Zinc	168.3548	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52099	68132	Zinc	203.8747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52100	68132	Zinc	164.51	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52101	68132	Zinc	191	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52102	68132	Zinc	424.9863	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52103	68132	Zinc	178.3762	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52104	68132	Zinc	233.3426	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52105	68132	Zinc	410.8798	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52106	68132	Zinc	334.6958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52107	68132	Zinc	267.1181	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52108	68132	Zinc	212.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52110	68132	Zinc	218.3194	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52111	68132	Zinc	355.5663	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52112	68132	Zinc	190.7917	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52113	68132	Zinc	275.3506	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52114	68132	Zinc	179.3196	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52115	68132	Zinc	264.4926	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52116	68132	Zinc	278.7148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52119	68132	Zinc	233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52120	68132	Zinc	342.8482	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52122	68132	Zinc	268.64	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52124	68132	Zinc	197.8316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52126	68132	Zinc	174.3712	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52127	68132	Zinc	165.2665	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52128	68132	Zinc	214	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52129	68132	Zinc	421.5687	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52130	68132	Zinc	138.1571	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52131	68132	Zinc	179.2306	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52133	68132	Zinc	618.5346	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
52134	68132	Zinc	347.9657	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52135	68132	Zinc	182.4079	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52136	68132	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52137	68132	Zinc	149.5758	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52138	68132	Zinc	146.71	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52140	68132	Zinc	738.7825	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52141	68132	Zinc	187	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52142	68132	Zinc	1613.341	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-02	3E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-02	3E-03
52145	68132	Zinc	160.0867	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52146	68132	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52147	68132	Zinc	172.4933	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52148	68132	Zinc	230.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52150	68132	Zinc	218.1503	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52151	68132	Zinc	182.221	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52153	68132	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52154	68132	Zinc	362.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52155	68132	Zinc	202.78	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52156	68132	Zinc	158.28	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52157	68132	Zinc	217.0022	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52158	68132	Zinc	408.1119	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52159	68132	Zinc	202.7444	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52163	68132	Zinc	191.21	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52164	68132	Zinc	217.9723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52165	68132	Zinc	105.6543	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52166	68132	Zinc	532.3381	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
52167	68132	Zinc	136.3949	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52168	68132	Zinc	632.5165	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
52172	68132	Zinc	313.6651	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52173	68132	Zinc	213.9584	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52174	68132	Zinc	156.1885	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52175	68132	Zinc	192.2602	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52176	68132	Zinc	325.7958	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52177	68132	Zinc	281.8832	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52178	68132	Zinc	223	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52181	68132	Zinc	132.5145	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52182	68132	Zinc	140.747	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52184	68132	Zinc	308.0581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52185	68132	Zinc	158.814	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52186	68132	Zinc	246.7193	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52187	68132	Zinc	247.8941	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52188	68132	Zinc	213.2375	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52189	68132	Zinc	198.4457	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52190	68132	Zinc	229.7915	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52191	68132	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52192	68132	Zinc	303.35	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52193	68132	Zinc	244.1383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52195	68132	Zinc	380.0057	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52196	68132	Zinc	292.9815	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52197	68132	Zinc	516.9144	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
52198	68132	Zinc	207.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52199	68132	Zinc	207.2033	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52200	68132	Zinc	210.79	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52201	68132	Zinc	626.598	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
52202	68132	Zinc	362	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52203	68132	Zinc	181.0551	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

Central Tendency Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
52204	68132	Zinc	206.34	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52205	68132	Zinc	280.2723	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52206	68132	Zinc	207.7996	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52207	68132	Zinc	731.6981	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52210	68132	Zinc	301.57	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52211	68132	Zinc	185.0245	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52212	68132	Zinc	436.405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	7E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	7E-03	7E-04
52213	68132	Zinc	242.3405	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52214	68132	Zinc	268.8002	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52215	68132	Zinc	238.4512	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52216	68132	Zinc	273.98	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52217	68132	Zinc	216.5839	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52218	68132	Zinc	332.6666	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52219	68132	Zinc	209.6419	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52220	68132	Zinc	220.8025	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52221	68132	Zinc	382.4621	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52222	68132	Zinc	192.1356	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52224	68132	Zinc	270.42	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52225	68132	Zinc	577.47	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	9E-04
52226	68132	Zinc	215.8363	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52228	68132	Zinc	206	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52229	68132	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52230	68132	Zinc	382.5689	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52231	68132	Zinc	182.0608	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52233	68132	Zinc	195.1705	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52235	68132	Zinc	317.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52237	68132	Zinc	168.2569	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52238	68132	Zinc	170.7133	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52239	68132	Zinc	351.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	6E-04
52240	68132	Zinc	225.1101	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52242	68132	Zinc	339.7599	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52243	68132	Zinc	167.6962	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52244	68132	Zinc	160	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52245	68132	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52246	68132	Zinc	278.3321	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52319	68132	Zinc	332.72	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52320	68132	Zinc	239.27	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52324	68132	Zinc	902.32	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52325	68132	Zinc	796.41	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52327	68132	Zinc	160	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52328	68132	Zinc	121.879	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52330	68132	Zinc	145.5441	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52331	68132	Zinc	211.2528	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52332	68132	Zinc	197.8316	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52333	68132	Zinc	148.4277	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52334	68132	Zinc	222.7249	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52336	68132	Zinc	138.4686	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52337	68132	Zinc	160.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52338	68132	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52339	68132	Zinc	135.4693	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52340	68132	Zinc	228.8303	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52342	68132	Zinc	177.86	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52343	68132	Zinc	159.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
52345	68132	Zinc	256.536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52349	68132	Zinc	263.2822	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52350	68132	Zinc	241.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52352	68132	Zinc	174.2466	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52353	68132	Zinc	273.0633	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52355	68132	Zinc	185.87	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52356	68132	Zinc	296.4614	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52357	68132	Zinc	168.07	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52358	68132	Zinc	244.1383	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52359	68132	Zinc	215.6583	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52360	68132	Zinc	176.6496	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52362	68132	Zinc	189.4656	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52365	68132	Zinc	435.4794	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	7E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	7E-04
52366	68132	Zinc	127.13	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52367	68132	Zinc	129.0702	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52368	68132	Zinc	641.5233	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
52370	68132	Zinc	197.6536	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52371	68132	Zinc	150.1632	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52373	68132	Zinc	262.3744	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52374	68132	Zinc	154.8001	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52375	68132	Zinc	627.3456	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	9E-03	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	9E-03	1E-03
52378	68132	Zinc	186.938	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52379	68132	Zinc	223.25	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
52380	68132	Zinc	313.8876	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52381	68132	Zinc	281.7408	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52383	68132	Zinc	190.7828	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52384	68132	Zinc	207.23	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52385	68132	Zinc	269.53	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52386	68132	Zinc	211.68	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52387	68132	Zinc	369.2812	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52390	68132	Zinc	298.8555	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52391	68132	Zinc	152.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52392	68132	Zinc	289.11	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	5E-04
52393	68132	Zinc	203.67	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			NONCANCER		CANCER		NONCANCER HQ_CTE		CANCER RISK_CTE			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		CTE		CTE							CTE		CTE									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	CTE	CTE	CTE
52394	68132	Zinc	142.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52395	68132	Zinc	189.43	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52396	68132	Zinc	260.9148	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52399	68132	Zinc	203.581	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
52400	68132	Zinc	313.0421	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
52402	68132	Zinc	128.1624	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52403	68132	Zinc	123.4899	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52406	68132	Zinc	139.59	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
52407	68132	Zinc	403.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
52408	68132	Zinc	273.2858	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
52409	68132	Zinc	504.6947	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	8E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	8E-04
52411	68132	Zinc	235.0069	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
63004	68132	Zinc	321.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
63007	68132	Zinc	643	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	1E-02	1E-03	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	1E-02	1E-03
63008	68132	Zinc	184.09	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
63009	68132	Zinc	198.33	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
65501	68132	Zinc	187.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
65509	68132	Zinc	231.7673	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
66774	68132	Zinc	137.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
66775	68132	Zinc	215.24	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
66776	68132	Zinc	329.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
66777	68132	Zinc	160.95	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
66779	68132	Zinc	172.52	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
66780	68132	Zinc	263.3	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
66781	68132	Zinc	242	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
66782	68132	Zinc	167.18	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	3E-04
66783	68132	Zinc	227.7	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
66784	68132	Zinc	204.56	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
66786	68132	Zinc	372.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	6E-03	6E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	6E-03	6E-04
66787	68132	Zinc	194.77	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	3E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	3E-04
66788	68132	Zinc	244.61	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
66791	68132	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
66792	68132	Zinc	532.97	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	8E-03	9E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	8E-03	9E-04
66816	68132	Zinc	225.03	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
81810	68132	Zinc	249.06	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
83820	68132	Zinc	226.81	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04
83821	68132	Zinc	151.16	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	2E-03	2E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	2E-03	2E-04
92431	68132	Zinc	320.26	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
92645	68132	Zinc	337.17	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93335	68132	Zinc	238.38	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
93347	68132	Zinc	319.37	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93348	68132	Zinc	330.94	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	5E-03	5E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	5E-03	5E-04
93473	68132	Zinc	276.65	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	4E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	4E-03	4E-04
93493	68132	Zinc	232.15	3.00E-01	--	3.00E-01	--	4.47E-06	4.79E-07	1.28E-07	4.79E-08	3E-03	4E-04	--	--	--	5.01E-06	5.47E-07	1.43E-07	5.47E-08	--	--	--	--	--	--	3E-03	4E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

Table 7.1.RME.
CALCULATION OF CANCER RISKS AND NONCANCER HAZARDS

Reasonable Maximum Exposure - Aluminum

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			Child and Adult	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	Sfo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	SF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2133	68104	Aluminum	9650	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5026	68104	Aluminum	9800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5143	68104	Aluminum	11300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5144	68104	Aluminum	7860	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5145	68104	Aluminum	9900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5147	68104	Aluminum	6850	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
2229	68105	Aluminum	11700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
2299	68105	Aluminum	8520	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2300	68105	Aluminum	7850	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2308	68105	Aluminum	7470	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3076	68105	Aluminum	8240	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3118	68105	Aluminum	8660	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5054	68105	Aluminum	7190	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5057	68105	Aluminum	10900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5105	68105	Aluminum	10600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5109	68105	Aluminum	6440	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5110	68105	Aluminum	12100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5112	68105	Aluminum	9570	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5117	68105	Aluminum	12300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5123	68105	Aluminum	11500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5128	68105	Aluminum	13200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5129	68105	Aluminum	9590	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5132	68105	Aluminum	13300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5134	68105	Aluminum	16400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5338	68105	Aluminum	8150	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5347	68105	Aluminum	10800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5351	68105	Aluminum	2.05	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
5352	68105	Aluminum	9240	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5355	68105	Aluminum	9130	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5356	68105	Aluminum	9330	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5357	68105	Aluminum	7110	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5359	68105	Aluminum	7300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5361	68105	Aluminum	7940	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5363	68105	Aluminum	6700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5364	68105	Aluminum	9680	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5365	68105	Aluminum	10300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5367	68105	Aluminum	6070	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5486	68105	Aluminum	7100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5488	68105	Aluminum	9960	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5489	68105	Aluminum	9460	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5495	68105	Aluminum	6820	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5509	68105	Aluminum	8710	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5610	68105	Aluminum	8600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2030	68107	Aluminum	13900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2038	68107	Aluminum	9300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2104	68107	Aluminum	5160	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
2124	68107	Aluminum	13200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2167	68107	Aluminum	11700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
2206	68107	Aluminum	11600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
2252	68107	Aluminum	13400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2273	68107	Aluminum	13100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2292	68107	Aluminum	8080	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3003	68107	Aluminum	10300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3021	68107	Aluminum	16900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3074	68107	Aluminum	8400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3121	68107	Aluminum	6910	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5066	68107	Aluminum	8520	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5076	68107	Aluminum	15600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5130	68107	Aluminum	14700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5157	68107	Aluminum	11500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5159	68107	Aluminum	13900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5161	68107	Aluminum	11200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5163	68107	Aluminum	13500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5165	68107	Aluminum	10700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5166	68107	Aluminum	12900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5172	68107	Aluminum	6880	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5176	68107	Aluminum	16700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5178	68107	Aluminum	9750	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5180	68107	Aluminum	9530	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5182	68107	Aluminum	6650	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5183	68107	Aluminum	9300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5185	68107	Aluminum	12700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5211	68107	Aluminum	10700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5212	68107	Aluminum	10700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2170	68108	Aluminum	11400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5225	68108	Aluminum	12700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5227	68108	Aluminum	9040	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5229	68108	Aluminum	10000	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5284	68108	Aluminum	8720	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5300	68108	Aluminum	12300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5304	68108	Aluminum	11200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5306	68108	Aluminum	6940	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5332	68108	Aluminum	6470	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5387	68108	Aluminum	8030	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5390	68108	Aluminum	7880	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5394	68108	Aluminum	7890	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5395	68108	Aluminum	8550	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5398	68108	Aluminum	8440	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

Table 7.1.RME.
CALCULATION OF CANCER RISKS AND NONCANCER HAZARDS

Reasonable Maximum Exposure - Aluminum

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			Child and Adult	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	Sfo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	SF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5416	68108	Aluminum	8060	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5418	68108	Aluminum	7950	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5422	68108	Aluminum	7610	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5425	68108	Aluminum	7590	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5426	68108	Aluminum	7070	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5427	68108	Aluminum	10400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5429	68108	Aluminum	7290	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5431	68108	Aluminum	9470	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5432	68108	Aluminum	7200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5449	68108	Aluminum	8580	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5450	68108	Aluminum	7060	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5454	68108	Aluminum	6250	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5460	68108	Aluminum	7230	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5463	68108	Aluminum	7250	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5467	68108	Aluminum	9430	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5472	68108	Aluminum	7730	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5473	68108	Aluminum	6370	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5474	68108	Aluminum	9130	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5480	68108	Aluminum	6910	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5483	68108	Aluminum	8640	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5485	68108	Aluminum	5710	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5492	68108	Aluminum	7720	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5505	68108	Aluminum	8310	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5572	68108	Aluminum	8410	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5607	68108	Aluminum	7760	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5608	68108	Aluminum	9210	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5623	68108	Aluminum	8700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5628	68108	Aluminum	7920	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5630	68108	Aluminum	8460	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5636	68108	Aluminum	8530	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5637	68108	Aluminum	6300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5652	68108	Aluminum	6770	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
2069	68110	Aluminum	12100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2280	68110	Aluminum	7340	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2354	68110	Aluminum	8720	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3136	68110	Aluminum	8290	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5258	68110	Aluminum	12400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5388	68110	Aluminum	9780	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5520	68110	Aluminum	10600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5525	68110	Aluminum	9590	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5527	68110	Aluminum	9390	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5530	68110	Aluminum	11000	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5532	68110	Aluminum	10100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5536	68110	Aluminum	12300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5541	68110	Aluminum	11700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5544	68110	Aluminum	9710	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5546	68110	Aluminum	9230	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5551	68110	Aluminum	11000	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5559	68110	Aluminum	10200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5560	68110	Aluminum	9470	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5561	68110	Aluminum	9060	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5563	68110	Aluminum	9160	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5565	68110	Aluminum	9150	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5566	68110	Aluminum	6890	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5612	68110	Aluminum	8460	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5614	68110	Aluminum	9150	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5641	68110	Aluminum	9180	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5651	68110	Aluminum	8750	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2035	68111	Aluminum	12900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2075	68111	Aluminum	12100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2103	68111	Aluminum	10900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2109	68111	Aluminum	16800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2121	68111	Aluminum	10500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2126	68111	Aluminum	16000	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2154	68111	Aluminum	18400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
2179	68111	Aluminum	7200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2216	68111	Aluminum	14500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2225	68111	Aluminum	8500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2231	68111	Aluminum	3890	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2262	68111	Aluminum	10800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2365	68111	Aluminum	7910	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3046	68111	Aluminum	6950	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
3051	68111	Aluminum	8090	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3058	68111	Aluminum	7720	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3091	68111	Aluminum	6600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
3133	68111	Aluminum	7820	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3151	68111	Aluminum	6600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5013	68111	Aluminum	13500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5085	68111	Aluminum	13300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5170	68111	Aluminum	10300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5171	68111	Aluminum	12100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5204	68111	Aluminum	11700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5206	68111	Aluminum	12300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5208	68111	Aluminum	10400	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5215	68111	Aluminum	10700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5221	68111	Aluminum	10700	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5230	68111	Aluminum	12500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5232	68111	Aluminum	13600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

Table 7.1.RME.
CALCULATION OF CANCER RISKS AND NONCANCER HAZARDS

Reasonable Maximum Exposure - Aluminum

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME					
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME							Child and Adult	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	Sfo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	SF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5242	68111	Aluminum	11000	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5246	68111	Aluminum	12600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5288	68111	Aluminum	13900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5296	68111	Aluminum	10600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5330	68111	Aluminum	8830	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5333	68111	Aluminum	6040	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5513	68111	Aluminum	11800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5514	68111	Aluminum	8980	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5618	68111	Aluminum	9960	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2269	68112	Aluminum	13900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2097	68131	Aluminum	8410	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2156	68131	Aluminum	10200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5037	68131	Aluminum	10300	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5150	68131	Aluminum	10800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5153	68131	Aluminum	8330	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5186	68131	Aluminum	9970	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5188	68131	Aluminum	10500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5195	68131	Aluminum	8740	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5197	68131	Aluminum	10500	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5260	68131	Aluminum	10200	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5272	68131	Aluminum	10100	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5278	68131	Aluminum	9270	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5298	68131	Aluminum	14800	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5377	68131	Aluminum	7170	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5379	68131	Aluminum	7420	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5380	68131	Aluminum	8550	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5139	68132	Aluminum	12600	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5140	68132	Aluminum	7540	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5313	68132	Aluminum	11900	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5317	68132	Aluminum	8180	1.00E+00	--	1.00E+00	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22493	68102	Antimony	3.615	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25567	68102	Antimony	5.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25717	68102	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25720	68102	Antimony	5.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25914	68102	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
90101	68102	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2133	68104	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5026	68104	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5143	68104	Antimony	8.94	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5144	68104	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5145	68104	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5147	68104	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50647	68104	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2229	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2299	68105	Antimony	0.452	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2300	68105	Antimony	0.427	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2308	68105	Antimony	0.929	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2441	68105	Antimony	2.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
2448	68105	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2465	68105	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3076	68105	Antimony	0.4525	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
3118	68105	Antimony	0.461	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5054	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5057	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5105	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5109	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5110	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5112	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5117	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5123	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5128	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5129	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5132	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5134	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5325	68105	Antimony	3.71	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5338	68105	Antimony	1.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5347	68105	Antimony	1.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5351	68105	Antimony	1.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5352	68105	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5355	68105	Antimony	7.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5356	68105	Antimony	0.985	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5357	68105	Antimony	1.78	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5359	68105	Antimony	1.02	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5361	68105	Antimony	0.605	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5363	68105	Antimony	0.79	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5364	68105	Antimony	2.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5365	68105	Antimony	1.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5367	68105	Antimony	0.855	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5486	68105	Antimony	1.125	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5488	68105	Antimony	1.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5489	68105	Antimony	3.87	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5495	68105	Antimony	0.605	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5509	68105	Antimony	2.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5610	68105	Antimony	3.86	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12784	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12864	68105	Antimony	3.68	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12875	68105	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12886	68105	Antimony	3.125	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12964	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12995	68105	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13069	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13073	68105	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13092	68105	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13166	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13185	68105	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13187	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13191	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13204	68105	Antimony	2.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
13209	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13237	68105	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13240	68105	Antimony	6.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
13245	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13248	68105	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13273	68105	Antimony	3.275	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13283	68105	Antimony	3.025	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13322	68105	Antimony	2.7325	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
13370	68105	Antimony	3.94	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13381	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13389	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13403	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13437	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13438	68105	Antimony	3.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13460	68105	Antimony	8.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13476	68105	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13573	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13577	68105	Antimony	3.71	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13611	68105	Antimony	2.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
13690	68105	Antimony	6.79	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14050	68105	Antimony	2.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
14063	68105	Antimony	11.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
14080	68105	Antimony	3.605	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14098	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14199	68105	Antimony	4.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14238	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14322	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14326	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14410	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14460	68105	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14528	68105	Antimony	2.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
14536	68105	Antimony	3.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14544	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14556	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14557	68105	Antimony	3.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14577	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
14602	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14647	68105	Antimony	3.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14656	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
14688	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14718	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14739	68105	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14752	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14780	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14817	68105	Antimony	3.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14823	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14860	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14885	68105	Antimony	2.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
14913	68105	Antimony	5.83	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
14959	68105	Antimony	6.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
14976	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14992	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15003	68105	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15044	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15045	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15058	68105	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
15060	68105	Antimony	4.97	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
15091	68105	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15106	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15166	68105	Antimony	4.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15227	68105	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15231	68105	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15255	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15279	68105	Antimony	3.725	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15292	68105	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15299	68105	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15308	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15317	68105	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15336	68105	Antimony	2.92	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
15348	68105	Antimony	5.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
15363	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15372	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15416	68105	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15496	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15519	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15526	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15577	68105	Antimony	2.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
15587	68105	Antimony	3.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15611	68105	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15651	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15686	68105	Antimony	4.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15695	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15728	68105	Antimony	2.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
15801	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15835	68105	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15842	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15871	68105	Antimony	3.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15891	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15918	68105	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15959	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15985	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15988	68105	Antimony	3.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16027	68105	Antimony	5.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
16072	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
16094	68105	Antimony	4.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
16098	68105	Antimony	14.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
16123	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16155	68105	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
16169	68105	Antimony	2.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
16182	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16186	68105	Antimony	3.475	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16230	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16236	68105	Antimony	6.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
16243	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16271	68105	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
16308	68105	Antimony	5.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
16309	68105	Antimony	8.87	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16333	68105	Antimony	3.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16364	68

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL NONCANCER HQ_RME		RISK FROM INGESTION OF SOIL CANCER RISK_RME			NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME		RISK FROM CONTACT WITH SOIL CANCER RISK_RME			TOTAL CANCER RISK (child and adult)	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL																						
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16793	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
16851	68105	Antimony	7.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16866	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16869	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16889	68105	Antimony	5.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
16893	68105	Antimony	5.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
16922	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16928	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16946	68105	Antimony	4.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16963	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16974	68105	Antimony	2.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
17040	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17055	68105	Antimony	3.455	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17065	68105	Antimony	3.585	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17076	68105	Antimony	2.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
17097	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17108	68105	Antimony	4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17142	68105	Antimony	4.65	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
17179	68105	Antimony	4.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17198	68105	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17199	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17270	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17298	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17300	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17348	68105	Antimony	9.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17374	68105	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17379	68105	Antimony	3.645	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17542	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17719	68105	Antimony	4.065	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17725	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17745	68105	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17753	68105	Antimony	5.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
17802	68105	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17876	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17918	68105	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
17934	68105	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17935	68105	Antimony	3.105	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18133	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18147	68105	Antimony	2.71	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
18187	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18189	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18281	68105	Antimony	3.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18321	68105	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18349	68105	Antimony	2.81	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
18452	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18453	68105	Antimony	10.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
18469	68105	Antimony	3.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18499	68105	Antimony	3.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18561	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18573	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18598	68105	Antimony	5.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
18610	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18654	68105	Antimony	7.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
18661	68105	Antimony	3.03	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18673	68105	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18676	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18693	68105	Antimony	2.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
18757	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18787	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18797	68105	Antimony	3.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18825	68105	Antimony	2.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
18839	68105	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18882	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18898	68105	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18927	68105	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18934	68105	Antimony	3.525	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19015	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19127	68105	Antimony	3.175	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19129	68105	Antimony	4.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
19169	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19288	68105	Antimony	3.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19310	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19334	68105	Antimony	2.99	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19344	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19448	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19485	68105	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19489	68105	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
19561	68105	Antimony	4.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19602	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19612	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19655	68105	Antimony	4.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
19671	68105	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19676	68105	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19728	68105	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19729	68105	Antimony	3.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19768	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19787	68105	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19791	68105	Antimony	3.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES					NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	RME	RME	RME
20170	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20218	68105	Antimony	3.315	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20236	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20313	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20315	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20342	68105	Antimony	5.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
20420	68105	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20426	68105	Antimony	3.065	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20452	68105	Antimony	4.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20470	68105	Antimony	3.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20477	68105	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20506	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20510	68105	Antimony	2.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
20535	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20545	68105	Antimony	6.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
20557	68105	Antimony	3.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20584	68105	Antimony	3.605	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20590	68105	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20603	68105	Antimony	3.105	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20610	68105	Antimony	3.235	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20612	68105	Antimony	3.93	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20656	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20674	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20685	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20702	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20759	68105	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20777	68105	Antimony	3.555	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20823	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20845	68105	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20856	68105	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20883	68105	Antimony	2.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
20908	68105	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20925	68105	Antimony	13.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
20945	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20961	68105	Antimony	3.615	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20964	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21005	68105	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21012	68105	Antimony	4.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21019	68105	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21053	68105	Antimony	3.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21064	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21068	68105	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21079	68105	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21097	68105	Antimony	3.77	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21110	68105	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21136	68105	Antimony	5.87	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21143	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21148	68105	Antimony	16.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	6E-02
21150	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21265	68105	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21268	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21309	68105	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21336	68105	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21390	68105	Antimony	6.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21394	68105	Antimony	3.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21436	68105	Antimony	9.94	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21454	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21490	68105	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21498	68105	Antimony	3.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21513	68105	Antimony	2.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
21535	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21551	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21560	68105	Antimony	3.545	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21565	68105	Antimony	2.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
21578	68105	Antimony	4.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21609	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21614	68105	Antimony	3.615	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21625	68105	Antimony	6.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21653	68105	Antimony	3.055	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21677	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21689	68105	Antimony	2.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
21705	68105	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21714	68105	Antimony	3.295	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21720	68105	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21724	68105	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21730	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21744	68105	Antimony	4.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
21811	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21815	68105	Antimony	2.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
21822	68105	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21836	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21884	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21901	68105	Antimony	3.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21916	68105	Antimony	3.755	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21925	68105	Antimony	3.135	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21941	68105	Antimony	3.275	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21956	68105	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
21981	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL NONCANCER HQ_RME		RISK FROM INGESTION OF SOIL CANCER RISK_RME			NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME		RISK FROM CONTACT WITH SOIL CANCER RISK_RME			TOTAL CANCER RISK (child and adult)	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL																						
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22181	68105	Antimony	3.315	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22230	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22273	68105	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22295	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22320	68105	Antimony	3.145	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22344	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22358	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22386	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22399	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22453	68105	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22563	68105	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22574	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22636	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22715	68105	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22716	68105	Antimony	5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
22754	68105	Antimony	2.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
22772	68105	Antimony	3.935	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22832	68105	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49272	68105	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49289	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50528	68105	Antimony	3.165	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
50574	68105	Antimony	1.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
90427	68105	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
93120	68105	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
93354	68105	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
93358	68105	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
93364	68105	Antimony	2.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
93381	68105	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51011	68106	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51029	68106	Antimony	3.105	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51034	68106	Antimony	3.625	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51037	68106	Antimony	3.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51041	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51046	68106	Antimony	3.505	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51047	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51052	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51058	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51064	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51065	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51079	68106	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51080	68106	Antimony	4.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
51082	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51089	68106	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51093	68106	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51101	68106	Antimony	3.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51102	68106	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51113	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51116	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51118	68106	Antimony	3.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51120	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51123	68106	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51126	68106	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51127	68106	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51132	68106	Antimony	3.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51133	68106	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51143	68106	Antimony	3.585	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51155	68106	Antimony	3.505	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51158	68106	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51162	68106	Antimony	3.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51184	68106	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2030	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2038	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2056	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2104	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2124	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2167	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2206	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2220	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
2252	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2273	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2292	68107	Antimony	0.4505	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2496	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3003	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
3021	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
3074	68107	Antimony	0.475	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3121	68107	Antimony	0.4205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5066	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5076	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5130	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5157	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5159	68107	Antimony	3.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5161	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5163	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5165	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5166	68107	Antimony	2.78	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5172	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5176	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5178	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES	NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10214	68107	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10241	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10290	68107	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10295	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10299	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10310	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10328	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10329	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10387	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10401	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10403	68107	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10425	68107	Antimony	3.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10432	68107	Antimony	21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-01	7E-02
10455	68107	Antimony	4.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
10458	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10468	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10471	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10484	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10492	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10500	68107	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10508	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10513	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10538	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10543	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10548	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10578	68107	Antimony	3.435	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10582	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10622	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10633	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10650	68107	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10654	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10662	68107	Antimony	3.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10670	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10687	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
10707	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10720	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10735	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10738	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10814	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10822	68107	Antimony	2.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
10831	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10834	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10842	68107	Antimony	8.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10848	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10858	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10860	68107	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10870	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10876	68107	Antimony	4.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10877	68107	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10880	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10895	68107	Antimony	7.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
10909	68107	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10914	68107	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10920	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10925	68107	Antimony	3.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10931	68107	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10944	68107	Antimony	3.125	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10947	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10950	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10965	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10970	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10990	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11036	68107	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11069	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11079	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11082	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11094	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11107	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11118	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11142	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11155	68107	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
11172	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11179	68107	Antimony	4.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11191	68107	Antimony	3.435	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11194	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11203	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11208	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11222	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11230	68107	Antimony	3.635	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11232	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11233	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11246	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11258	68107	Antimony	3.755	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11268	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11283	68107	Antimony	3.395	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11303	68107	Antimony	3.76	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11309	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11312	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11321	68107	Antimony	3.185	4.00E-04	--	6.00E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11494	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11523	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11558	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11568	68107	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11599	68107	Antimony	2.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
11601	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11603	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
11604	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11609	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11614	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11661	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11686	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11711	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11741	68107	Antimony	6.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
11754	68107	Antimony	2.65	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
11765	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11777	68107	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11829	68107	Antimony	2.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
11842	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11865	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11894	68107	Antimony	3.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11902	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11910	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11941	68107	Antimony	3.86	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
11960	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11982	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
12002	68107	Antimony	5.94	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
12009	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12012	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12037	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12047	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12086	68107	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12114	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12116	68107	Antimony	3.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12118	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12124	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12126	68107	Antimony	5.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
12152	68107	Antimony	2.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
12166	68107	Antimony	3.69	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12206	68107	Antimony	3.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12220	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12227	68107	Antimony	2.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
12239	68107	Antimony	2.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
12290	68107	Antimony	3.015	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12296	68107	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12338	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
12351	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12372	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12388	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12407	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12410	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12414	68107	Antimony	3.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12424	68107	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12439	68107	Antimony	17.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	6E-02
12457	68107	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
12506	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12514	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12529	68107	Antimony	4.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12530	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12547	68107	Antimony	5.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
12551	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12567	68107	Antimony	2.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
12572	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12588	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12598	68107	Antimony	3.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12644	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12667	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12714	68107	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12729	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12741	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12761	68107	Antimony	3.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12794	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12830	68107	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12848	68107	Antimony	3.555	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12858	68107	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12871	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
13038	68107	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
13045	68107	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
43676	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43691	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43703	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43729	68107	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
43736	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43744	68107	Antimony	3.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
43746	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
43771	68107	Antimony	3.665	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
43793	68107	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
43800	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43813	68107

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44137	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44145	68107	Antimony	3.24	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44153	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44157	68107	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44177	68107	Antimony	3.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44184	68107	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44185	68107	Antimony	2.895	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
44198	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44202	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
44220	68107	Antimony	3.435	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44225	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
44233	68107	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44236	68107	Antimony	2.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
44237	68107	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44248	68107	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44299	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44319	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44348	68107	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44416	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44446	68107	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44452	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44455	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44456	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44465	68107	Antimony	3.575	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44475	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44482	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44483	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
44490	68107	Antimony	2.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
44503	68107	Antimony	3.565	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44507	68107	Antimony	1.87	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
44508	68107	Antimony	3.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44519	68107	Antimony	3.68	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44526	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
44528	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44529	68107	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44531	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44536	68107	Antimony	2.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
44539	68107	Antimony	2.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
44546	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
44549	68107	Antimony	3.375	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44556	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
44567	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44578	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44581	68107	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44589	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44592	68107	Antimony	3.445	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44597	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
44617	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44619	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44623	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44626	68107	Antimony	2.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
44636	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
44640	68107	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44644	68107	Antimony	3.17	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44668	68107	Antimony	3.325	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44700	68107	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44711	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44725	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
44727	68107	Antimony	3.64	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44738	68107	Antimony	3.685	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44740	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44741	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44747	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44753	68107	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44755	68107	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44756	68107	Antimony	3.65	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44768	68107	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44790	68107	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44798	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44814	68107	Antimony	12.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
44822	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44854	68107	Antimony	3.17	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44857	68107	Antimony	3.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44869	68107	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44877	68107	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44902	68107	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44923	68107	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44955	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44979	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44984	68107	Antimony	4.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
44987	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45004	68107	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45005	68107	Antimony	4.42	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
45018	68107	Antimony	3.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45020	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
45023	68107	Antimony	3.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45034	68107	Antimony	3.625	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45044	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES					NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	RME	RME	RME
45259	68107	Antimony	3.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45269	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45298	68107	Antimony	3.76	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45300	68107	Antimony	2.77	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
45303	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45304	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
45305	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45321	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45343	68107	Antimony	3.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45350	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
45356	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45364	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45390	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45393	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45404	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
45411	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45423	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45424	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45447	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45458	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45460	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45484	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45487	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45503	68107	Antimony	3.155	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45530	68107	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45533	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
45564	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45566	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45574	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45584	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45608	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45609	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45624	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45626	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45645	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45646	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45648	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45662	68107	Antimony	3.525	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45663	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45678	68107	Antimony	2.88	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
45725	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45728	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45739	68107	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45741	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
45764	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45767	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45770	68107	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45786	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45789	68107	Antimony	3.405	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45822	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
45837	68107	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45840	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45849	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45854	68107	Antimony	3.775	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45883	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45906	68107	Antimony	3.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45921	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45923	68107	Antimony	3.715	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45927	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45955	68107	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45970	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45984	68107	Antimony	3.505	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45988	68107	Antimony	2.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
45999	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46035	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46049	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46050	68107	Antimony	3.715	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46052	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46071	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46073	68107	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46091	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46103	68107	Antimony	5.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
46107	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46118	68107	Antimony	3.93	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46122	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
46127	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46133	68107	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46164	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46168	68107	Antimony	2.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
46180	68107	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46210	68107	Antimony	3.295	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46214	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
46241	68107	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46247	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46260	68107	Antimony	3.425	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46279	68107	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46297	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46346	68107	Antimony	2.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
46347	68107

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES	NONCANCER		CANCER		RISK FROM INGESTION OF SOIL						NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46628	68107	Antimony	4.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46637	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46655	68107	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46662	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46664	68107	Antimony	3.165	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46672	68107	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46673	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46683	68107	Antimony	3.475	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46698	68107	Antimony	3.175	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46699	68107	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46708	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46712	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46725	68107	Antimony	3.115	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46727	68107	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
46731	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46743	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46764	68107	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46772	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46776	68107	Antimony	3.045	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46792	68107	Antimony	3.045	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46794	68107	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46805	68107	Antimony	2.83	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
46808	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46815	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46835	68107	Antimony	2.865	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
46852	68107	Antimony	2.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
46857	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46864	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46867	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46893	68107	Antimony	3.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46916	68107	Antimony	4.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46919	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46934	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46954	68107	Antimony	2.965	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
46964	68107	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46994	68107	Antimony	3.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46998	68107	Antimony	3.545	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47030	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47046	68107	Antimony	7.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
47047	68107	Antimony	3.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47052	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47058	68107	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47088	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47090	68107	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47106	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47139	68107	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47140	68107	Antimony	5.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
47147	68107	Antimony	8.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47148	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47149	68107	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47163	68107	Antimony	0.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47172	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47179	68107	Antimony	2.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
47181	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47196	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
47206	68107	Antimony	2.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
47215	68107	Antimony	3.64	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47216	68107	Antimony	2.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
47217	68107	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47218	68107	Antimony	1.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47249	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47259	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47274	68107	Antimony	2.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
47275	68107	Antimony	2.86	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
47279	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47291	68107	Antimony	3.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47293	68107	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
47296	68107	Antimony	2.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
47311	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47315	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47320	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47322	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47338	68107	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47339	68107	Antimony	4.97	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
47356	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47368	68107	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47380	68107	Antimony	3.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47382	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
47417	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47421	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47424	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47425	68107	Antimony	3.375	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47440	68107	Antimony	5.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
47452	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47485	68107	Antimony	3.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47526	68107	Antimony	2.86	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
47544	68107	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47553	68107	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47860	68107	Antimony	4.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
47867	68107	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
47886	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47895	68107	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47924	68107	Antimony	3.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47930	68107	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47934	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
47939	68107	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47952	68107	Antimony	3.265	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47966	68107	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47969	68107	Antimony	3.545	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48003	68107	Antimony	2.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
48006	68107	Antimony	2.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
48014	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48016	68107	Antimony	3.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48018	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48036	68107	Antimony	3.105	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48043	68107	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48048	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48056	68107	Antimony	2.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
48092	68107	Antimony	4.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
48116	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48118	68107	Antimony	4.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
48120	68107	Antimony	1.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
48135	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48141	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48150	68107	Antimony	2.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
48167	68107	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48232	68107	Antimony	3.75	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48245	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
48261	68107	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48271	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48292	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48308	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48327	68107	Antimony	3.275	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48334	68107	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48341	68107	Antimony	3.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48359	68107	Antimony	2.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
48367	68107	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48368	68107	Antimony	3.215	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48380	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48416	68107	Antimony	2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
48418	68107	Antimony	3.605	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48434	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48494	68107	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48495	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48508	68107	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48510	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48525	68107	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
48553	68107	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48578	68107	Antimony	3.395	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48589	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48596	68107	Antimony	3.395	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48620	68107	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48636	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48639	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48641	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48654	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48661	68107	Antimony	1.685	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
48668	68107	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48674	68107	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48685	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48694	68107	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48708	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48715	68107	Antimony	3.665	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48721	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48733	68107	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48736	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48747	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48768	68107	Antimony	1.225	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48798	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48815	68107	Antimony	2.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
48821	68107	Antimony	73.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**2E+00**	3E-01
48846	68107	Antimony	3.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48855	68107	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48871	68107	Antimony	3.235	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48904	68107	Antimony	2.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
48944	68107	Antimony	3.455	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48952	68107	Antimony	3.545	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48963	68107	Antimony	3.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48973	68107	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
48975	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48977	68107	Antimony	2.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
48999	68107	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49012	68107	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49036	68107	Antimony	3.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49070	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49081	68107	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50158	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50185	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50191	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50192	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50193	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50214	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50243	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50244	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50246	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50249	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50276	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50284	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50286	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50292	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50293	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50294	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50299	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50300	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50313	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50325	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50326	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50335	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50359	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50360	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50361	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50362	68107	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50537	68107	Antimony	3.195	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
76891	68107	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
89377	68107	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
89408	68107	Antimony	2.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
2170	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2518	68108	Antimony	2.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
2521	68108	Antimony	2.61	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
2522	68108	Antimony	4.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
2527	68108	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2532	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5225	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5227	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5229	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5284	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5300	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5304	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5306	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5332	68108	Antimony	1.92	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5387	68108	Antimony	1.955	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5390	68108	Antimony	1.995	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5394	68108	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5395	68108	Antimony	9.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5398	68108	Antimony	5.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5403	68108	Antimony	2.175	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5407	68108	Antimony	4.93	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5408	68108	Antimony	6.71	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5409	68108	Antimony	0.545	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5416	68108	Antimony	2.635	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5418	68108	Antimony	3.92	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5422	68108	Antimony	4.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5425	68108	Antimony	7.75	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5426	68108	Antimony	2.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5427	68108	Antimony	5.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5429	68108	Antimony	1.315	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5431	68108	Antimony	4.97	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5432	68108	Antimony	5.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5449	68108	Antimony	5.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5450	68108	Antimony	8.65	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5454	68108	Antimony	2.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5460	68108	Antimony	0.945	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5463	68108	Antimony	1.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5467	68108	Antimony	6.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5472	68108	Antimony	1.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5473	68108	Antimony	1.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5474	68108	Antimony	2.295	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5480	68108	Antimony	4.56	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5483	68108	Antimony	4.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5485	68108	Antimony	2.835	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5492	68108	Antimony	7.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5505	68108	Antimony	5.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5572	68108	Antimony	6.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5607	68108	Antimony	2.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5608	68108	Antimony	1.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5623	68108	Antimony	3.01	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5628	68108	Antimony	2.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5630	68108	Antimony	5.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5636	68108	Antimony	11.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5637	68108	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5652	68108	Antimony	4.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
12816	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12859	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12926	68108	Antimony	2.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
12947	68108	Antimony

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES	NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL	DERMAL	RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14043	68108	Antimony	2.985	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14076	68108	Antimony	3.485	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14079	68108	Antimony	3.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14130	68108	Antimony	2.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
14140	68108	Antimony	1.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14203	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14270	68108	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14290	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14438	68108	Antimony	2.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
14449	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14481	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14486	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14497	68108	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
14537	68108	Antimony	2.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
14545	68108	Antimony	2.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
14576	68108	Antimony	1.835	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
14578	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14617	68108	Antimony	3.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14692	68108	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14720	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14818	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14825	68108	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14849	68108	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14855	68108	Antimony	5.78	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
14878	68108	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
14914	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14998	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15001	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15051	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15053	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15116	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15135	68108	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15248	68108	Antimony	3.97	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15256	68108	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15266	68108	Antimony	2.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
15337	68108	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15443	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15468	68108	Antimony	3.245	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15601	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15603	68108	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15687	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15748	68108	Antimony	3.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15768	68108	Antimony	3.755	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15915	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15939	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15955	68108	Antimony	3.395	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15966	68108	Antimony	3.705	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15980	68108	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16006	68108	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16126	68108	Antimony	2.985	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16135	68108	Antimony	2.75	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
16137	68108	Antimony	3.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16145	68108	Antimony	3.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16261	68108	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16267	68108	Antimony	3.175	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16319	68108	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16349	68108	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
16446	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16530	68108	Antimony	9.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16556	68108	Antimony	2.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
16581	68108	Antimony	2.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
16595	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16599	68108	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
16711	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16973	68108	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17004	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17005	68108	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17022	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17242	68108	Antimony	6.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
17247	68108	Antimony	4.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17282	68108	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17316	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17323	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17335	68108	Antimony	3.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17360	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17414	68108	Antimony	3.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17416	68108	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17417	68108	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17418	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17461	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17498	68108	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17550	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17671	68108	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17699	68108	Antimony	3.115	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17700	68108	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17701	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17703	68108	Antimony	3.645	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17732	68108	Antimony	1.805	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
17778	68

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES					NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	RME	RME	RME
18330	68108	Antimony	2.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
18339	68108	Antimony	3.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18385	68108	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
18422	68108	Antimony	6.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
18435	68108	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18461	68108	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18486	68108	Antimony	3.045	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18532	68108	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18547	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18597	68108	Antimony	2.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
18634	68108	Antimony	6.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
18664	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18687	68108	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18691	68108	Antimony	2.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
18697	68108	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18712	68108	Antimony	3.115	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18718	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18749	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18800	68108	Antimony	6.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
18802	68108	Antimony	4.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
18833	68108	Antimony	4.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18890	68108	Antimony	3.445	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18903	68108	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
18943	68108	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18968	68108	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
18988	68108	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19116	68108	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19126	68108	Antimony	2.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
19153	68108	Antimony	3.715	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19190	68108	Antimony	7.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
19343	68108	Antimony	6.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
19371	68108	Antimony	3.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19373	68108	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19417	68108	Antimony	5.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
19440	68108	Antimony	2.81	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
19444	68108	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19474	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19640	68108	Antimony	3.085	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19660	68108	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19680	68108	Antimony	3.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19792	68108	Antimony	5.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
19875	68108	Antimony	1.675	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
19920	68108	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
19988	68108	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
20044	68108	Antimony	14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
20137	68108	Antimony	2.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
20149	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20168	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20169	68108	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20244	68108	Antimony	3.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20285	68108	Antimony	3.165	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20287	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20344	68108	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20367	68108	Antimony	3.17	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20464	68108	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20467	68108	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
20567	68108	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20588	68108	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
20608	68108	Antimony	2.985	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20629	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20671	68108	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20746	68108	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20752	68108	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
20831	68108	Antimony	3.555	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
20881	68108	Antimony	9.89	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20922	68108	Antimony	0.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21123	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21190	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21502	68108	Antimony	2.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
21582	68108	Antimony	5.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21729	68108	Antimony	4.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21863	68108	Antimony	3.215	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22203	68108	Antimony	3.68	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22282	68108	Antimony	3.105	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
50453	68108	Antimony	2.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
50624	68108	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
74047	68108	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
79306	68108	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
87989	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
88004	68108	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
88031	68108	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
89842	68108	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
90601	68108	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
92372	68108	Antimony	2.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
93003	68108	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
93522	68108	Antimony	3.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2069	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2280	68110	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5560	68110	Antimony	2.655	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5561	68110	Antimony	2.87	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5563	68110	Antimony	0.78	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5565	68110	Antimony	4.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5566	68110	Antimony	1.025	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5612	68110	Antimony	6.92	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5614	68110	Antimony	6.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5641	68110	Antimony	1.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5650	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5651	68110	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26122	68110	Antimony	3.125	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26133	68110	Antimony	3.085	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26234	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26341	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26410	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26447	68110	Antimony	3.055	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26465	68110	Antimony	3.345	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26527	68110	Antimony	1.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
26550	68110	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26762	68110	Antimony	1.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
27034	68110	Antimony	3.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27069	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27291	68110	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27435	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27589	68110	Antimony	3.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27592	68110	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27683	68110	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27704	68110	Antimony	8.17	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27756	68110	Antimony	5.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
27815	68110	Antimony	3.155	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27822	68110	Antimony	3.24	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27826	68110	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27840	68110	Antimony	3.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27884	68110	Antimony	3.525	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27907	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27927	68110	Antimony	3.665	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27984	68110	Antimony	3.24	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28074	68110	Antimony	3.225	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28075	68110	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28120	68110	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28167	68110	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28226	68110	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28335	68110	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28360	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28404	68110	Antimony	2.91	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
28421	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28455	68110	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28501	68110	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28550	68110	Antimony	3.435	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28591	68110	Antimony	3.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28647	68110	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28670	68110	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28711	68110	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28717	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28726	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28905	68110	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28977	68110	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28999	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29058	68110	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29063	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29084	68110	Antimony	8.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29093	68110	Antimony	3.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29095	68110	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29117	68110	Antimony	5.81	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
29135	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29207	68110	Antimony	3.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29238	68110	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29257	68110	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29271	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29283	68110	Antimony	3.345	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29290	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29332	68110	Antimony	2.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
29360	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29361	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29393	68110	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29421	68110	Antimony	3.685	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29493	68110	Antimony	4.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29500	68110	Antimony	3.375	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29505	68110	Antimony	3.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29550	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29610	68110	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29634	68110	Antimony	5.83	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
29665	68110	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29753	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29774	68110	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29786	68110	Antimony	2.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
29795	68110	Antimony	3.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29844	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
30443	68110	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30469	68110	Antimony	3.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30470	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30500	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30551	68110	Antimony	11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
30556	68110	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30566	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30575	68110	Antimony	3.585	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30633	68110	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30651	68110	Antimony	2.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
30688	68110	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30705	68110	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30786	68110	Antimony	3.405	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30803	68110	Antimony	3.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30870	68110	Antimony	3.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30954	68110	Antimony	2.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
30980	68110	Antimony	2.02	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
31097	68110	Antimony	4.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31153	68110	Antimony	3.295	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31174	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31223	68110	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31231	68110	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31350	68110	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31401	68110	Antimony	6.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
31568	68110	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31645	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31757	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31760	68110	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31814	68110	Antimony	3.42	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31832	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31959	68110	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32019	68110	Antimony	5.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
32039	68110	Antimony	2.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
32043	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32063	68110	Antimony	5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
32214	68110	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32373	68110	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32484	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32508	68110	Antimony	5.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
32529	68110	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32536	68110	Antimony	7.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
32570	68110	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32645	68110	Antimony	3.77	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32707	68110	Antimony	3.955	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32727	68110	Antimony	3.225	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32733	68110	Antimony	4.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32734	68110	Antimony	4.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
32875	68110	Antimony	3.87	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32903	68110	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32915	68110	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32927	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32996	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33078	68110	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33084	68110	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33280	68110	Antimony	7.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
33421	68110	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33468	68110	Antimony	4.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33472	68110	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33477	68110	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33483	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33512	68110	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33519	68110	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33543	68110	Antimony	3.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33555	68110	Antimony	3.24	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33602	68110	Antimony	2.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
33629	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33714	68110	Antimony	5.96	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
33725	68110	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33840	68110	Antimony	4.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33927	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34002	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34047	68110	Antimony	9.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34116	68110	Antimony	3.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34237	68110	Antimony	3.295	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34260	68110	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34266	68110	Antimony	3.665	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34272	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34276	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34287	68110	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34613	68110	Antimony	4.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
34625	68110	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34638	68110	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34674	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34696	68110	Antimony	4.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
34710	68110	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34733	68110	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34738	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
34742	68110	Antimony	12.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
37075	68110	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37434	68110	Antimony	5.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
37456	68110	Antimony	3.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37525	68110	Antimony	3.645	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37674	68110	Antimony	3.47	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37821	68110	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
38725	68110	Antimony	2.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
38863	68110	Antimony	2.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
39142	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
39434	68110	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
39572	68110	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
55636	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
74149	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
79377	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
81398	68110	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
81400	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
87991	68110	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
90908	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
91449	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
92501	68110	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
92675	68110	Antimony	0.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
93337	68110	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
93338	68110	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
93342	68110	Antimony	0.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
93344	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
93345	68110	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
2035	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2075	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2103	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2109	68111	Antimony	2.88	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2118	68111	Antimony	3.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2121	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2126	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2154	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2179	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2216	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2225	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2231	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2262	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2365	68111	Antimony	0.448	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2425	68111	Antimony	3.325	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2565	68111	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3046	68111	Antimony	0.911	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
3051	68111	Antimony	0.405	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3058	68111	Antimony	1.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
3091	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3133	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
3151	68111	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5013	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5085	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5170	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5171	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5204	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5206	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5208	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5215	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5221	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5230	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5232	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5234	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5236	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5238	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5240	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5242	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5246	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5288	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5296	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5330	68111	Antimony	1.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5513	68111	Antimony	1.625	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5514	68111	Antimony	1.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5618	68111	Antimony	0.79	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25663	68111	Antimony	3.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25670	68111	Antimony	3.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25708	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25709	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25750	68111	Antimony	5.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25780	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25786	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25794	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25804	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25805	68111	Antimony	7.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
25834	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25849	68111	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25869	68111	Antimony	3.61	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25874	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25877	68111	Antimony	5.03	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25894	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25903	68111	Antimony	16.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	6E-02
25918	68111	Antimony	1

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
26164	68111	Antimony	4.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
26191	68111	Antimony	4.195	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26199	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26202	68111	Antimony	3.455	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26204	68111	Antimony	2.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
26211	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26215	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26228	68111	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26229	68111	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26231	68111	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26249	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26257	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26263	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26288	68111	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26289	68111	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26290	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26295	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26303	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26327	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26372	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26428	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26456	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26459	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26480	68111	Antimony	2.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
26485	68111	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26514	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26518	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26543	68111	Antimony	13.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
26570	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26604	68111	Antimony	5.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
26653	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26663	68111	Antimony	2.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
26665	68111	Antimony	3.565	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26682	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26695	68111	Antimony	2.68	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
26716	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26757	68111	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26759	68111	Antimony	2.375	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
26772	68111	Antimony	2.995	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26779	68111	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26783	68111	Antimony	3.805	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26834	68111	Antimony	3.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26844	68111	Antimony	6.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
26858	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26865	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26868	68111	Antimony	5.69	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
26869	68111	Antimony	3.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26877	68111	Antimony	9.83	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26891	68111	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26948	68111	Antimony	4.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
26955	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26967	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26996	68111	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26997	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26999	68111	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27005	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27031	68111	Antimony	3.195	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27038	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27052	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27074	68111	Antimony	2.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
27096	68111	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27107	68111	Antimony	3.505	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27117	68111	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27120	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27137	68111	Antimony	2.99	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27138	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27139	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27140	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27142	68111	Antimony	3.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27144	68111	Antimony	3.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27145	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27148	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27177	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27185	68111	Antimony	5.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
27191	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27193	68111	Antimony	3.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27202	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27264	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27266	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27269	68111	Antimony	9.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27278	68111	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27308	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27315	68111	Antimony	4.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27318	68111	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27342	68111	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27347	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27369	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27399	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27402	68111	Ant

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27734	68111	Antimony	2.69	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
27739	68111	Antimony	3.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27742	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27764	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27780	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27854	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27859	68111	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27885	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27886	68111	Antimony	4.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
27913	68111	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27920	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27924	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27939	68111	Antimony	4.24	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27962	68111	Antimony	3.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28004	68111	Antimony	2.69	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
28011	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28019	68111	Antimony	3.735	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28020	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28022	68111	Antimony	3.065	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28045	68111	Antimony	3.825	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28065	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28072	68111	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
28105	68111	Antimony	3.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28108	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28144	68111	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28148	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28154	68111	Antimony	3.315	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28157	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
28185	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28186	68111	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28188	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28222	68111	Antimony	4.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28273	68111	Antimony	9.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28284	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28329	68111	Antimony	3.375	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28338	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28375	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28377	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28417	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28423	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28434	68111	Antimony	2.75	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
28518	68111	Antimony	3.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28544	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28558	68111	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28561	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28573	68111	Antimony	2.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
28611	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28612	68111	Antimony	3.565	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28618	68111	Antimony	5.03	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
28625	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28648	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28661	68111	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28688	68111	Antimony	7.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
28709	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28713	68111	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28725	68111	Antimony	3.315	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28730	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28749	68111	Antimony	6.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
28763	68111	Antimony	3.425	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28764	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28766	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28781	68111	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28785	68111	Antimony	3.235	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28798	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28799	68111	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28809	68111	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28811	68111	Antimony	8.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28819	68111	Antimony	3.46	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28836	68111	Antimony	2.375	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
28837	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28846	68111	Antimony	2.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
28893	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28942	68111	Antimony	3.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28959	68111	Antimony	4.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28963	68111	Antimony	3.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28967	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28984	68111	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28991	68111	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29002	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29023	68111	Antimony	7.17	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
29033	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29037	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29071	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29090	68111	Antimony	7.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
29101	68111	Antimony	3.715	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29102	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29105	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29155	68111	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
29409	68111	Antimony	2.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
29431	68111	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29432	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29445	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29469	68111	Antimony	3.535	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29499	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29552	68111	Antimony	3.235	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29558	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29578	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29608	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29625	68111	Antimony	4.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29633	68111	Antimony	2.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
29671	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29678	68111	Antimony	3.295	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29683	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29684	68111	Antimony	3.115	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29717	68111	Antimony	4.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
29777	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29792	68111	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29806	68111	Antimony	3.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29818	68111	Antimony	2.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
29824	68111	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29826	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29881	68111	Antimony	3.545	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29889	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29910	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29912	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29927	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29953	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29974	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29978	68111	Antimony	3.59	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29991	68111	Antimony	6.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
29993	68111	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30012	68111	Antimony	3.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30045	68111	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30050	68111	Antimony	2.99	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30068	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30078	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30081	68111	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30123	68111	Antimony	4.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
30133	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30161	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30169	68111	Antimony	4.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30171	68111	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30177	68111	Antimony	3.205	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30182	68111	Antimony	3.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30201	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30220	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30225	68111	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30244	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30253	68111	Antimony	4.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
30345	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30347	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30387	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30417	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30420	68111	Antimony	1.93	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
30434	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30455	68111	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30462	68111	Antimony	3.86	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30494	68111	Antimony	3.015	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30521	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30526	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30563	68111	Antimony	5.73	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
30580	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30625	68111	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30644	68111	Antimony	3.65	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30683	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
30699	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30700	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30757	68111	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30802	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30813	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30817	68111	Antimony	4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30836	68111	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30841	68111	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30844	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30888	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30927	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30932	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30933	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30939	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30978	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30991	68111	Antimony	3.485	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30995	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30997	68111	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31008	68111	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31042	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31045	68111	Antimony	3.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	RME	RME	RME
31186	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31189	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31192	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31206	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31229	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31237	68111	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31262	68111	Antimony	2.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
31300	68111	Antimony	3.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31303	68111	Antimony	2.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
31316	68111	Antimony	3.665	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31357	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31360	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31361	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31362	68111	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31366	68111	Antimony	4.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31377	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31408	68111	Antimony	4.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31433	68111	Antimony	3.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31442	68111	Antimony	3.325	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31444	68111	Antimony	5.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
31457	68111	Antimony	3.145	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31478	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31517	68111	Antimony	3.215	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31583	68111	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
31603	68111	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31607	68111	Antimony	3.71	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31615	68111	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31695	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31698	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31733	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31740	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31799	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31803	68111	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31823	68111	Antimony	3.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31850	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31853	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31854	68111	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31858	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31868	68111	Antimony	3.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31871	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31882	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31887	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31896	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31899	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31911	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31925	68111	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31936	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31964	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31965	68111	Antimony	2.79	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
31977	68111	Antimony	3.155	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31986	68111	Antimony	3.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32001	68111	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32016	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32021	68111	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32022	68111	Antimony	3.845	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32040	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32046	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32049	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
32070	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
32081	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32089	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32092	68111	Antimony	4.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
32153	68111	Antimony	3.125	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32162	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32168	68111	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32208	68111	Antimony	3.135	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32228	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32252	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32256	68111	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32261	68111	Antimony	2.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
32267	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32276	68111	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32277	68111	Antimony	4.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32283	68111	Antimony	3.395	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32284	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32287	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32293	68111	Antimony	4.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32311	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32316	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32325	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32346	68111	Antimony	3.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32414	68111	Antimony	3.96	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32418	68111	Antimony	4.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32428	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32429	68111	Antimony	2.84	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
32441	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32444	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32455	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32456	68111	Antimony	1	4.00E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Total	RME	RME	RME
32780	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32783	68111	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32818	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32847	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32851	68111	Antimony	3.585	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32852	68111	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32874	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32876	68111	Antimony	8.91	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32891	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32896	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32912	68111	Antimony	3.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32914	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32931	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32940	68111	Antimony	3.215	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32949	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32968	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32972	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32973	68111	Antimony	2.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
32974	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32989	68111	Antimony	4.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33009	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33012	68111	Antimony	4.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33014	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33036	68111	Antimony	2.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
33037	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33042	68111	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33043	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33060	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33062	68111	Antimony	4.93	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
33120	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33177	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33207	68111	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33296	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33314	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33317	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33350	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33372	68111	Antimony	5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
33392	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33456	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33480	68111	Antimony	3.405	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33492	68111	Antimony	2.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
33600	68111	Antimony	3.085	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33607	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33630	68111	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33631	68111	Antimony	2.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
33647	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33696	68111	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33711	68111	Antimony	3.025	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33741	68111	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33772	68111	Antimony	3.215	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33803	68111	Antimony	3.155	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33805	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33806	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33831	68111	Antimony	3.455	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33833	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33856	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33863	68111	Antimony	3.02	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33875	68111	Antimony	5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
33903	68111	Antimony	3.235	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33915	68111	Antimony	3.065	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
33947	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33997	68111	Antimony	4.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
34040	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34059	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34060	68111	Antimony	2.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
34075	68111	Antimony	5.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
34088	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34126	68111	Antimony	6.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
34128	68111	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34142	68111	Antimony	3.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34173	68111	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34179	68111	Antimony	4.69	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
34200	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34219	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34222	68111	Antimony	4.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
34224	68111	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34225	68111	Antimony	4.98	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
34247	68111	Antimony	2.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
34251	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34255	68111	Antimony	6.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
34257	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34320	68111	Antimony	3.785	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34371	68111	Antimony	3.425	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34377	68111	Antimony	2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
34387	68111	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34396	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34444	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34478	68111	Antimony	3.735	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34503	68111

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34936	68111	Antimony	3.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
34948	68111	Antimony	8.93	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34985	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34999	68111	Antimony	3.455	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35003	68111	Antimony	4.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
35042	68111	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35043	68111	Antimony	3.41	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35095	68111	Antimony	2.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
35137	68111	Antimony	2.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
35152	68111	Antimony	5.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
35223	68111	Antimony	3.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35233	68111	Antimony	3.735	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35242	68111	Antimony	3.92	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35252	68111	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35273	68111	Antimony	4.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
35285	68111	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35287	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35288	68111	Antimony	3.705	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35290	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35350	68111	Antimony	2.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
35404	68111	Antimony	1.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35417	68111	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35458	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35495	68111	Antimony	4.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
35503	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35513	68111	Antimony	2.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
35517	68111	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35536	68111	Antimony	2.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
35575	68111	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35614	68111	Antimony	3.715	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35821	68111	Antimony	3.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35822	68111	Antimony	3.485	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35826	68111	Antimony	6.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
35830	68111	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
35877	68111	Antimony	5.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
35921	68111	Antimony	2.43	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
35935	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35943	68111	Antimony	9.88	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35947	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35964	68111	Antimony	3.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35969	68111	Antimony	5.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
36000	68111	Antimony	6.64	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
36007	68111	Antimony	4.94	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
36015	68111	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36024	68111	Antimony	3.67	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36040	68111	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36046	68111	Antimony	8.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36072	68111	Antimony	2.82	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
36093	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36116	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36138	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
36167	68111	Antimony	2.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
36194	68111	Antimony	3.185	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36212	68111	Antimony	3.24	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36246	68111	Antimony	76.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**2E+00**	3E-01
36251	68111	Antimony	3.42	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36257	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36259	68111	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36269	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36325	68111	Antimony	2.98	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36356	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36408	68111	Antimony	3.65	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36410	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36427	68111	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36464	68111	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36557	68111	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36574	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
36656	68111	Antimony	4.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36679	68111	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
36701	68111	Antimony	2.995	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36706	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
36936	68111	Antimony	3.155	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37023	68111	Antimony	4.73	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
37025	68111	Antimony	2.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
37031	68111	Antimony	5.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
37036	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
37049	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37087	68111	Antimony	2.81	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
37097	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
37156	68111	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37189	68111	Antimony	2.955	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
37193	68111	Antimony	3.275	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37210	68111	Antimony	3.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37219	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37223	68111	Antimony	3.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
37226	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37276	68111	Antimony	8.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37361	68111	Antimony	3.165	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES					NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
38439	68111	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
38446	68111	Antimony	3.69	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
38585	68111	Antimony	4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
38587	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38759	68111	Antimony	4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
38780	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38864	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49203	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49313	68111	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49314	68111	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49319	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49341	68111	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49345	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
49354	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
50107	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50120	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50146	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50356	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50404	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50410	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50417	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50424	68111	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
50434	68111	Antimony	3.905	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
50447	68111	Antimony	3.095	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
63239	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
63751	68111	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
68070	68111	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
68686	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
73862	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
74664	68111	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
75011	68111	Antimony	3.795	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
77146	68111	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
79703	68111	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
79704	68111	Antimony	2.8	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
87761	68111	Antimony	3.555	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
89893	68111	Antimony	0.85	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
90107	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
91234	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
91335	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
91926	68111	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
2269	68112	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
39755	68112	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
39951	68112	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
40194	68112	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
40523	68112	Antimony	3.595	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
40879	68112	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2097	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2156	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2165	68131	Antimony	4.3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5037	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5150	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5153	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5186	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5188	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5195	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5197	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5260	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5272	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5278	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5298	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5377	68131	Antimony	1.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5379	68131	Antimony	3.13	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5380	68131	Antimony	1.105	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
22856	68131	Antimony	1.285	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23003	68131	Antimony	5.81	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
23016	68131	Antimony	2.9	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
23028	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23072	68131	Antimony	3.89	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23093	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23144	68131	Antimony	3.66	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23145	68131	Antimony	4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23150	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23153	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23211	68131	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23237	68131	Antimony	3.345	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23274	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23280	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23301	68131	Antimony	2.57	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
23344	68131	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23379	68131	Antimony	3.155	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23399	68131	Antimony	3.265	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23425	68131	Antimony	7.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
23433	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23460	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23532	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23537	68131	Antimony	10.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
23539	68131	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23577	68131	Antimony	3.095	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23580	68131	Antimony

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES					NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL					NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL						NONCANCER HQ_RME		CANCER RISK_RME							NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23895	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23899	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23922	68131	Antimony	3.07	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23961	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23967	68131	Antimony	3.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23985	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23986	68131	Antimony	19.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	7E-02
24000	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24010	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24019	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24027	68131	Antimony	5.39	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
24098	68131	Antimony	6.12	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
24109	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24119	68131	Antimony	3.16	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24126	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24132	68131	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24141	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24156	68131	Antimony	7.72	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
24162	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24182	68131	Antimony	3.095	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24190	68131	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24214	68131	Antimony	2.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
24240	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24272	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24274	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24277	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24334	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24348	68131	Antimony	6.73	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
24357	68131	Antimony	4.74	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
24358	68131	Antimony	5.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
24367	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24370	68131	Antimony	4.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24374	68131	Antimony	4.68	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24376	68131	Antimony	3.425	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24390	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24396	68131	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24411	68131	Antimony	3.615	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24451	68131	Antimony	3.49	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24457	68131	Antimony	3.405	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24577	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24601	68131	Antimony	2.6	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
24605	68131	Antimony	3.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24635	68131	Antimony	3.37	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24640	68131	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24655	68131	Antimony	3.075	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24674	68131	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24692	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24693	68131	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24703	68131	Antimony	2.84	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
24740	68131	Antimony	3.715	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24751	68131	Antimony	4.38	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
24757	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24768	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24794	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24800	68131	Antimony	3.64	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24808	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24887	68131	Antimony	4.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24896	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24931	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24958	68131	Antimony	4.62	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
24962	68131	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
24964	68131	Antimony	3.135	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25005	68131	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25009	68131	Antimony	2.73	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
25061	68131	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25063	68131	Antimony	3.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25078	68131	Antimony	3.745	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25096	68131	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25130	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25133	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25137	68131	Antimony	4.33	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25167	68131	Antimony	3.29	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25185	68131	Antimony	4.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25189	68131	Antimony	3.09	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25193	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25202	68131	Antimony	3.195	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25204	68131	Antimony	3.44	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25231	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25242	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25281	68131	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25285	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25296	68131	Antimony	3.18	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25315	68131	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25324	68131	Antimony	3.385	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
25329	68131	Antimony	2.26	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
25331	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25335	68131	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25337	68131	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
93419	68131	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5139	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5140	68132	Antimony	2.08	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5313	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5317	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49490	68132	Antimony	3.35	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49500	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49505	68132	Antimony	3.435	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49521	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
49544	68132	Antimony	3.305	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49558	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49578	68132	Antimony	3.435	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49618	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49625	68132	Antimony	3.145	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49627	68132	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49628	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49642	68132	Antimony	3.51	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49663	68132	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49671	68132	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49672	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49676	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49678	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49682	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
49697	68132	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49701	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49704	68132	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49716	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49717	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
49724	68132	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49725	68132	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49726	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49727	68132	Antimony	3.75	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49736	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49739	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49759	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49760	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49774	68132	Antimony	3.175	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49781	68132	Antimony	3.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49783	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49793	68132	Antimony	1.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49800	68132	Antimony	2.925	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
49806	68132	Antimony	2.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
49812	68132	Antimony	3.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49819	68132	Antimony	3.22	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49833	68132	Antimony	3.45	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49846	68132	Antimony	3.475	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49852	68132	Antimony	3.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49853	68132	Antimony	3	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49855	68132	Antimony	3.52	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49863	68132	Antimony	3.36	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49884	68132	Antimony	3.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49902	68132	Antimony	3.73	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49911	68132	Antimony	3.28	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49913	68132	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49918	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49922	68132	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49929	68132	Antimony	3.275	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49936	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49941	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49943	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49953	68132	Antimony	3.265	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49956	68132	Antimony	3.515	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49958	68132	Antimony	3.735	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49961	68132	Antimony	3.48	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49971	68132	Antimony	3.23	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49974	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49986	68132	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49994	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49995	68132	Antimony	6.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
50479	68132	Antimony	3.11	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
50484	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50485	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50536	68132	Antimony	3.42	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51190	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51214	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51217	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51225	68132	Antimony	3.42	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51228	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51234	68132	Antimony	5.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
51256	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51263	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51270	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51278	68132	Antimony	3.565	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51280	68132	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51327	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51349	68132	Antimony	2.89	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
51361	68132	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51369	68132	Antimony	3.14	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51551	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51569	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51587	68132	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51588	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51598	68132	Antimony	3.255	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51600	68132	Antimony	3.495	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51607	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51630	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51640	68132	Antimony	3.115	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51645	68132	Antimony	3.5	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51646	68132	Antimony	3.42	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51659	68132	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51667	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51671	68132	Antimony	3.615	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51676	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51705	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51706	68132	Antimony	3.655	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51708	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51710	68132	Antimony	5.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
51712	68132	Antimony	3.565	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51735	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51750	68132	Antimony	3.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51752	68132	Antimony	4.54	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
51767	68132	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51769	68132	Antimony	3.58	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51779	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51780	68132	Antimony	4.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51785	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51790	68132	Antimony	3.415	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51800	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51803	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51805	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51807	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51808	68132	Antimony	3.04	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51820	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51829	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51840	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51844	68132	Antimony	1.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51846	68132	Antimony	4.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
51847	68132	Antimony	4.7	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
51854	68132	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51855	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51857	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51861	68132	Antimony	3.21	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51863	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51866	68132	Antimony	3.63	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51872	68132	Antimony	4.06	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51897	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51918	68132	Antimony	3.335	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51921	68132	Antimony	3.19	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51946	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51949	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51959	68132	Antimony	2.855	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
51960	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51972	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51990	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51997	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52023	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52035	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52046	68132	Antimony	4.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52054	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52059	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52075	68132	Antimony	3.34	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52078	68132	Antimony	3.31	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52080	68132	Antimony	3.53	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52085	68132	Antimony	3.345	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52090	68132	Antimony	3.315	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52091	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52097	68132	Antimony	3.32	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52101	68132	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52106	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52112	68132	Antimony	3.2	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52119	68132	Antimony	1.365	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
52122	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52128	68132	Antimony	1.25	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
52129	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52137	68132	Antimony	3.55	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52140	68132	Antimony	3.525	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52141	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52150	68132	Antimony	3.465	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52155	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
52158	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52166	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52167	68132	Antimony	3.175	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52177	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52178	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52181	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52186	68132	Antimony	1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52187	68132	Antim

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Antimony

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
52378	68132	Antimony	3.4	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52386	68132	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
52387	68132	Antimony	3.27	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52411	68132	Antimony	3.355	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
63007	68132	Antimony	1.05	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
66781	68132	Antimony	1.1	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
66791	68132	Antimony	0.95	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
92431	68132	Antimony	1.15	4.00E-04	--	6.00E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
22493	68102	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
25567	68102	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
25717	68102	Arsenic	3.635	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
25720	68102	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
25914	68102	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
90101	68102	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2133	68104	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
5026	68104	Arsenic	42.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
5143	68104	Arsenic	404	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+01	2E+00	7E-04	3E-04	9E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E+00	2E-01	6E-05	3E-05	9E-05	**1E-03**	**2E+01**	**2E+00**
5144	68104	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5145	68104	Arsenic	6.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
5147	68104	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
50647	68104	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
1626	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
2229	68105	Arsenic	9.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2299	68105	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
2300	68105	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2308	68105	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
2441	68105	Arsenic	8.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2448	68105	Arsenic	4.325	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
2465	68105	Arsenic	67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	6E-06	1E-05	**2E-04**	**3E+00**	3E-01
3076	68105	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
3118	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
5054	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
5057	68105	Arsenic	48.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
5105	68105	Arsenic	9.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
5109	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5110	68105	Arsenic	36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
5112	68105	Arsenic	34.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
5117	68105	Arsenic	28.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
5123	68105	Arsenic	33.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	9E-05	**2E+00**	2E-01
5128	68105	Arsenic	28.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
5129	68105	Arsenic	9.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
5132	68105	Arsenic	54.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
5134	68105	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
5325	68105	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
5338	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5347	68105	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
5351	68105	Arsenic	0.2565	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	4E-07	2E-07	6E-07	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	4E-08	2E-08	6E-08	7E-07	1E-02	1E-03
5352	68105	Arsenic	53.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
5355	68105	Arsenic	255	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	4E-04	2E-04	6E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-01	1E-01	4E-05	2E-05	6E-05	**7E-04**	**1E+01**	1E+00
5356	68105	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
5357	68105	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
5359	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
5361	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5363	68105	Arsenic	37.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
5364	68105	Arsenic	207	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E+00	9E-01	3E-04	1E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-01	1E-01	3E-05	2E-05	5E-05	**5E-04**	**1E+01**	1E+00
5365	68105	Arsenic	49.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
5367	68105	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5486	68105	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
5488	68105	Arsenic	82.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
5489	68105	Arsenic	79.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
5495	68105	Arsenic	25.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
5509	68105	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
5610	68105	Arsenic	54.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
12784	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
12864	68105	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
12875	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
12886	68105	Arsenic	8.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
12964	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
12995	68105	Arsenic	44.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
13069	68105	Arsenic	41.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
13073	68105	Arsenic	17.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
13092	68105	Arsenic	41.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
13166	68105	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
13185	68105	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
13187	68105	Arsenic	7.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
13191	68105	Arsenic	7.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
13204	68105	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
13984	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
14003	68105	Arsenic	5.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
14024	68105	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
14050	68105	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14063	68105	Arsenic	8.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14080	68105	Arsenic	8.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14098	68105	Arsenic	138	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**6E+00**	7E-01
14199	68105	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
14238	68105	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14322	68105	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14326	68105	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
14341	68105	Arsenic	137	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	7E-02	2E-05	1E-05	3E-05	**4E-04**	**6E+00**	7E-01
14407	68105	Arsenic	9.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14410	68105	Arsenic	7.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
14460	68105	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
14492	68105	Arsenic	9.98	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
14525	68105	Arsenic	71.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
14528	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
14536	68105	Arsenic	25.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
14544	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
14556	68105	Arsenic	136	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	7E-02	2E-05	1E-05	3E-05	**3E-04**	**6E+00**	7E-01
14557	68105	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14577	68105	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
14602	68105	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
14647	68105	Arsenic	9.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14656	68105	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14688	68105	Arsenic	92.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	2E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	5E-01
14718	68105	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14739	68105	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
14752	68105	Arsenic	9.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14780	68105	Arsenic	53.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
14817	68105	Arsenic	7.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14823	68105	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
14860	68105	Arsenic	41.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
14885	68105	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	9E-02
14913	68105	Arsenic	6.17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
14959	68105	Arsenic	16.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
14964	68105	Arsenic	19.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
14976	68105	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14992	68105	Arsenic	7.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
15003	68105	Arsenic	64.865	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
15044	68105	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
15045	68105	Arsenic	42.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
15058	68105	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
15060	68105	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
15091	68105	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
15106	68105	Arsenic	9.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
15166	68105	Arsenic	233	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	4E-04	2E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-01	1E-01	3E-05	2E-05	5E-05	**6E-04**	**1E+01**	1E+00
15227	68105	Arsenic	9.29	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
15231	68105	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
15255	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
15278	68105	Arsenic	8.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
15279	68105	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
15292	68105	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
15299	68105	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
15308	68105	Arsenic	8.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
15317	68105	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
15329	68105	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
15336	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
15348	68105	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
15363	68105	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
15372	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
15416	68105	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
15496	68105	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
15519	68105	Arsenic	45.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
15526	68105	Arsenic	7.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
15577	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
15587	68105	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
15611	68105	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
16486	68105	Arsenic	5.49	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
16499	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
16545	68105	Arsenic	7.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
16572	68105	Arsenic	6.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
16589	68105	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16618	68105	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
16646	68105	Arsenic	36.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
16668	68105	Arsenic	7.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16749	68105	Arsenic	31.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
16772	68105	Arsenic	9.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
16777	68105	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
16793	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
16851	68105	Arsenic	8.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16866	68105	Arsenic	48.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
16869	68105	Arsenic	140	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**6E+00**	7E-01
16889	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
16893	68105	Arsenic	7.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16922	68105	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
16928	68105	Arsenic	24.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	6E-06	6E-05	1E+00	1E-01
16946	68105	Arsenic	98.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	5E-02	1E-05	8E-06	2E-05	**3E-04**	**5E+00**	5E-01
16963	68105	Arsenic	7.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16974	68105	Arsenic	9.61	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
17040	68105	Arsenic	8.96	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
17055	68105	Arsenic	8.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
17065	68105	Arsenic	105	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	5E-01
17076	68105	Arsenic	35.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
17097	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
17108	68105	Arsenic	7.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
17142	68105	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
17179	68105	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
17198	68105	Arsenic	20.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	5E-06	5E-05	9E-01	1E-01
17199	68105	Arsenic	5.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
17270	68105	Arsenic	26.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
17298	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
17300	68105	Arsenic	18.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
17348	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
17374	68105	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
17379	68105	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
17542	68105	Arsenic	37.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
17557	68105	Arsenic	18.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
17719	68105	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
17725	68105	Arsenic	5.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	5E-07	1E-06	1E-05	3E-01	3E-02
17745	68105	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
17753	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
17802	68105	Arsenic	18.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
17803	68105	Arsenic	7.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
17827	68105	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
17876	68105	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
17899	68105	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
17918	68105	Arsenic	46.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
17934	68105	Arsenic	8.59	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
17935	68105	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
18036	68105	Arsenic	68.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
18133	68105	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
18147	68105	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18177	68105	Arsenic	311	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	5E-04	2E-04	7E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E+00	2E-01	4E-05	3E-05	7E-05	**8E-04**	**1E+01**	**2E+00**
18187	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
18189	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
18281	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18321	68105	Arsenic	31.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
18349	68105	Arsenic	23.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
18452	68105	Arsenic	9.28	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
18453	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
18469	68105	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
18499	68105	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
18561	68105	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
18573	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
18598	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
18610	68105	Arsenic	5.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES CANCER ORAL CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES CANCER DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
19791	68105	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
19812	68105	Arsenic	3.805	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	1E-05	2E-01	2E-02
19831	68105	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
19839	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
19858	68105	Arsenic	5.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
19864	68105	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
19915	68105	Arsenic	46.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
19923	68105	Arsenic	6.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
19932	68105	Arsenic	33.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	9E-05	**2E+00**	2E-01
19938	68105	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
19972	68105	Arsenic	7.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
19976	68105	Arsenic	64.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
19987	68105	Arsenic	68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	6E-06	2E-05	**2E-04**	**3E+00**	3E-01
20069	68105	Arsenic	15.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
20080	68105	Arsenic	189	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E+00	9E-01	3E-04	1E-04	4E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-01	1E-01	3E-05	2E-05	4E-05	**5E-04**	**9E+00**	1E+00
20105	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
20110	68105	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
20128	68105	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
20170	68105	Arsenic	22.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
20218	68105	Arsenic	23.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
20236	68105	Arsenic	7.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
20313	68105	Arsenic	45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
20315	68105	Arsenic	27.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
20342	68105	Arsenic	7.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
20420	68105	Arsenic	7.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
20426	68105	Arsenic	99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	5E-02	1E-05	8E-06	2E-05	**3E-04**	**5E+00**	5E-01
20452	68105	Arsenic	6.23	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
20470	68105	Arsenic	39.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
20471	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
20477	68105	Arsenic	90.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	5E-01
20506	68105	Arsenic	56.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
20510	68105	Arsenic	7.96	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
20535	68105	Arsenic	9.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
20545	68105	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
20557	68105	Arsenic	29.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
20584	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
20590	68105	Arsenic	21.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
20603	68105	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
20610	68105	Arsenic	9.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
20612	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
20656	68105	Arsenic	37.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
20674	68105	Arsenic	38.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
20685	68105	Arsenic	9.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
20702	68105	Arsenic	29.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
20759	68105	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
20777	68105	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
20823	68105	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
20845	68105	Arsenic	2.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	5E-07	6E-06	1E-01	1E-02
20856	68105	Arsenic	28.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
20883	68105	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
20908	68105	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
20925	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
20945	68105	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
20961	68105	Arsenic	68.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	6E-06	2E-05	**2E-04**	**3E+00**	3E-01
20964	68105	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
21005	68105	Arsenic	9.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
21012	68105	Arsenic	19.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
21019	68105	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
21053	68105	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
21064	68105	Arsenic	22.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
21068	68105	Arsenic	131	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	9E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	7E-02	2E-05	1E-05	3E-05	**3E-04**	**6E+00**	7E-01
21079	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
21097	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
21110	68105	Arsenic	9.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
21136	68105	Arsenic	47.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
21143	68105	Arsenic	8.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
21148	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
21941	68105	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
21956	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
21981	68105	Arsenic	79.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
21985	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
21989	68105	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
22006	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
22013	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
22024	68105	Arsenic	23.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
22025	68105	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
22027	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
22034	68105	Arsenic	85.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
22036	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
22039	68105	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
22044	68105	Arsenic	47.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
22046	68105	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
22056	68105	Arsenic	6.82	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
22061	68105	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
22074	68105	Arsenic	8.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
22079	68105	Arsenic	31.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
22080	68105	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
22177	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
22181	68105	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
22183	68105	Arsenic	9.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
22230	68105	Arsenic	37.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
22273	68105	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
22295	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
22320	68105	Arsenic	9.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
22344	68105	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
22358	68105	Arsenic	43.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
22386	68105	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
22399	68105	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
22405	68105	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
22453	68105	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
22563	68105	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
22574	68105	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
22636	68105	Arsenic	54.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
22715	68105	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
22716	68105	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
22754	68105	Arsenic	8.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
22772	68105	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
22832	68105	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
49272	68105	Arsenic	61.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	9E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
49289	68105	Arsenic	35.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
50528	68105	Arsenic	144	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	7E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**7E+00**	7E-01
50574	68105	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
90427	68105	Arsenic	8.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
93120	68105	Arsenic	8.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
93354	68105	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
93358	68105	Arsenic	6.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
93364	68105	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
93381	68105	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51011	68106	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
51029	68106	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
51034	68106	Arsenic	3.72	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	1E-05	2E-01	2E-02
51037	68106	Arsenic	3.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	1E-05	2E-01	2E-02
51041	68106	Arsenic	25.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
51046	68106	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
51047	68106	Arsenic	164	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E+00	7E-01	3E-04	1E-04	4E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-01	9E-02	2E-05	1E-05	4E-05	**4E-04**	**8E+00**	8E-01
51052	68106	Arsenic	58.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
51058	68106	Arsenic	35.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
51064	68106	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
51065	68106	Arsenic	19.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
51079	68106	Arsenic	4.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	6E-07	3E-07	9E-07	1E-05	2E-01	2E-02
51080	68106	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
51082	68106	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
51089	68106	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
51093	68106	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
51103	68106	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51102	68106	Arsenic	4.385	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES: NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES: CANCER ORAL CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES: CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES: CANCER DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d): CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d): CANCER RME Adult	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d): CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d): CANCER RME Adult	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK: NONCANCER HQ-child RME	TOTAL NONCANCER RISK: NONCANCER HQ-adult RME
5163	68107	Arsenic	7.89	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
5165	68107	Arsenic	21.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
5166	68107	Arsenic	8.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
5172	68107	Arsenic	9.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
5176	68107	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5178	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
5180	68107	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5182	68107	Arsenic	23.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
5183	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
5185	68107	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5211	68107	Arsenic	5.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
5212	68107	Arsenic	6.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
10008	68107	Arsenic	9.99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
10018	68107	Arsenic	9.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
10044	68107	Arsenic	9.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
10046	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
10072	68107	Arsenic	9.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
10073	68107	Arsenic	226	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	4E-04	2E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-01	1E-01	3E-05	2E-05	5E-05	**6E-04**	**1E+01**	1E+00
10088	68107	Arsenic	24.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
10095	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
10111	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
10130	68107	Arsenic	35.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
10134	68107	Arsenic	28.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
10214	68107	Arsenic	57.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
10241	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
10290	68107	Arsenic	3.32	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	5E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	7E-07	9E-06	2E-01	2E-02
10295	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
10299	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
10310	68107	Arsenic	80.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
10328	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
10329	68107	Arsenic	7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
10387	68107	Arsenic	7.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
10401	68107	Arsenic	53.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
10403	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
10425	68107	Arsenic	73.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
10432	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
10455	68107	Arsenic	92.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	5E-01
10458	68107	Arsenic	8.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
10468	68107	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
10471	68107	Arsenic	3.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	1E-05	2E-01	2E-02
10484	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
10492	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
10500	68107	Arsenic	7.61	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
10508	68107	Arsenic	9.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
10513	68107	Arsenic	5.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
10538	68107	Arsenic	6.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
10543	68107	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
10548	68107	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
10578	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
10582	68107	Arsenic	9.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
10622	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
10633	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
10650	68107	Arsenic	4.695	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
10654	68107	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
10662	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
10670	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
10687	68107	Arsenic	9.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
10707	68107	Arsenic	8.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
10720	68107	Arsenic	8.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
10735	68107	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
10738	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
10794	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
10814	68107	Arsenic	9.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
10822	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
10831	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
10834	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
10842	68107	Arsenic	6.08	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
11246	68107	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
11258	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
11268	68107	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
11272	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
11283	68107	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
11303	68107	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
11309	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
11312	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
11321	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
11343	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
11349	68107	Arsenic	137	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	7E-02	2E-05	1E-05	3E-05	**4E-04**	**6E+00**	7E-01
11367	68107	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
11372	68107	Arsenic	6.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
11385	68107	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	9E-02
11387	68107	Arsenic	7.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
11400	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
11403	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
11408	68107	Arsenic	28.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
11410	68107	Arsenic	9.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
11416	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
11423	68107	Arsenic	6.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
11439	68107	Arsenic	9.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
11444	68107	Arsenic	40.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
11449	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
11465	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
11469	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
11491	68107	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
11494	68107	Arsenic	108	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	5E-01	2E-04	8E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	6E-01
11523	68107	Arsenic	5.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
11552	68107	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
11558	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
11568	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
11599	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
11601	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
11603	68107	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
11604	68107	Arsenic	18.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
11609	68107	Arsenic	22.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
11614	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
11661	68107	Arsenic	6.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
11686	68107	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
11711	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
11741	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
11754	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
11765	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
11777	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
11807	68107	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
11829	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
11842	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
11865	68107	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
11894	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
11902	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
11910	68107	Arsenic	5.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
11941	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
11960	68107	Arsenic	5.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
11982	68107	Arsenic	24.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
12002	68107	Arsenic	5.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
12009	68107	Arsenic	9.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
12012	68107	Arsenic	22.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
12037	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
12047	68107	Arsenic	6.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
12086	68107	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
12114	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
12116	68107	Arsenic	54.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
12118	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
12124	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
12126	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
12152	68107	Arsenic	9.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
12166	68107	Arsenic	22.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
12194	68107	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES: NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES: CANCER ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES: CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES: CANCER DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult)	TOTAL NONCANCER RISK: NONCANCER HQ-child	NONCANCER HQ-adult
																											RME	RME	RME
12848	68107	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
12858	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
12871	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
13038	68107	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
13045	68107	Arsenic	17.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
43676	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
43691	68107	Arsenic	15.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
43698	68107	Arsenic	8.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
43703	68107	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
43711	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
43729	68107	Arsenic	18.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
43736	68107	Arsenic	9.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
43744	68107	Arsenic	6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
43746	68107	Arsenic	27.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
43771	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
43790	68107	Arsenic	8.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
43793	68107	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
43800	68107	Arsenic	46.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
43813	68107	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
43843	68107	Arsenic	5.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
43853	68107	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
43869	68107	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
43874	68107	Arsenic	20.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
43892	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
43912	68107	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
43933	68107	Arsenic	7.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
43942	68107	Arsenic	9.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
43945	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
43949	68107	Arsenic	8.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
43962	68107	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
43978	68107	Arsenic	138	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**6E+00**	7E-01
44002	68107	Arsenic	9.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44025	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
44037	68107	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44047	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
44063	68107	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44066	68107	Arsenic	7.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
44076	68107	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
44104	68107	Arsenic	7.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
44107	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
44112	68107	Arsenic	9.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
44127	68107	Arsenic	78.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
44130	68107	Arsenic	114	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	5E-01	2E-04	8E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	2E-05	1E-05	3E-05	**3E-04**	**5E+00**	6E-01
44133	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
44137	68107	Arsenic	30.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
44145	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
44153	68107	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44157	68107	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
44177	68107	Arsenic	19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
44184	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
44185	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
44198	68107	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44202	68107	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44220	68107	Arsenic	8.63	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44225	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
44233	68107	Arsenic	7.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
44236	68107	Arsenic	9.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44237	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
44248	68107	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44299	68107	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
44319	68107	Arsenic	37.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
44348	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
44416	68107	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44446	68107	Arsenic	47.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
44452	68107	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
44455	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
44456	68107	Arsenic	62.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	9E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
44465	68107	Arsenic	78.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
44475	68107	Arsenic	9.76	3.00E-04	1.50E+00

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44747	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
44753	68107	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
44755	68107	Arsenic	44.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
44756	68107	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
44768	68107	Arsenic	5.82	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
44790	68107	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
44798	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
44810	68107	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
44814	68107	Arsenic	23.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
44822	68107	Arsenic	5.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
44854	68107	Arsenic	9.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44857	68107	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
44869	68107	Arsenic	7.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
44877	68107	Arsenic	19.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
44902	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
44923	68107	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
44927	68107	Arsenic	7.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
44935	68107	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44939	68107	Arsenic	9.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44943	68107	Arsenic	9.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
44955	68107	Arsenic	3.23	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	5E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	4E-07	3E-07	7E-07	8E-06	1E-01	2E-02
44959	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
44969	68107	Arsenic	7.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
44979	68107	Arsenic	27.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
44980	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
44984	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
44987	68107	Arsenic	21.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
44996	68107	Arsenic	9.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
45004	68107	Arsenic	9.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
45005	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
45018	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45020	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
45023	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
45034	68107	Arsenic	5.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
45044	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
45056	68107	Arsenic	8.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
45072	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
45073	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
45077	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
45078	68107	Arsenic	105	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	5E-01
45084	68107	Arsenic	25.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
45118	68107	Arsenic	4.925	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
45147	68107	Arsenic	43.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
45150	68107	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
45156	68107	Arsenic	6.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
45166	68107	Arsenic	4.345	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
45167	68107	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
45183	68107	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
45188	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
45195	68107	Arsenic	9.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
45199	68107	Arsenic	26.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
45206	68107	Arsenic	48.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
45213	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45223	68107	Arsenic	38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
45227	68107	Arsenic	62.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	9E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
45236	68107	Arsenic	5.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
45244	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45259	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45265	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
45269	68107	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
45298	68107	Arsenic	4.15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	6E-07	3E-07	9E-07	1E-05	2E-01	2E-02
45300	68107	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
45303	68107	Arsenic	7.62	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
45304	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45305	68107	Arsenic	8.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
45321	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45343	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45350	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45356	68107	Arsenic	9.15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
45741	68107	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
45747	68107	Arsenic	6.06	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
45764	68107	Arsenic	6.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
45767	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
45770	68107	Arsenic	5.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
45786	68107	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
45787	68107	Arsenic	24.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
45789	68107	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
45811	68107	Arsenic	23.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
45822	68107	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
45837	68107	Arsenic	4.61	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
45840	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45849	68107	Arsenic	73.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
45854	68107	Arsenic	8.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
45883	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45906	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45921	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
45923	68107	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
45927	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
45955	68107	Arsenic	9.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
45970	68107	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
45984	68107	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
45988	68107	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
45999	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
46035	68107	Arsenic	7.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
46049	68107	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
46050	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
46052	68107	Arsenic	18.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
46071	68107	Arsenic	8.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
46073	68107	Arsenic	9.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
46091	68107	Arsenic	3.615	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
46103	68107	Arsenic	9.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
46107	68107	Arsenic	21.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
46118	68107	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
46122	68107	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
46127	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
46133	68107	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
46145	68107	Arsenic	9.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
46150	68107	Arsenic	8.87	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
46164	68107	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
46168	68107	Arsenic	149	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	7E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**7E+00**	8E-01
46180	68107	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
46187	68107	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
46210	68107	Arsenic	5.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
46214	68107	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
46241	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
46247	68107	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
46260	68107	Arsenic	26.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
46279	68107	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
46297	68107	Arsenic	2.675	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	1E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
46346	68107	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
46347	68107	Arsenic	7.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
46363	68107	Arsenic	40	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
46368	68107	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
46380	68107	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
46399	68107	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
46423	68107	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
46432	68107	Arsenic	7.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
46448	68107	Arsenic	2.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
46461	68107	Arsenic	15.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
46469	68107	Arsenic	9.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	3E-05	4E-01	5E-02
46472	68107	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
46473	68107	Arsenic	21.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
46474	68107	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
46478	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
46490	68107	Arsenic	20.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
46493	68107	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
46494	68107	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
46498	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46893	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
46916	68107	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
46919	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
46934	68107	Arsenic	7.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
46954	68107	Arsenic	294	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	5E-04	2E-04	7E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E+00	2E-01	4E-05	2E-05	7E-05	**8E-04**	**1E+01**	**2E+00**
46964	68107	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
46976	68107	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
46994	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
46998	68107	Arsenic	4.385	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
47021	68107	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
47030	68107	Arsenic	8.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47038	68107	Arsenic	7.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47046	68107	Arsenic	7.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
47047	68107	Arsenic	200	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E+00	9E-01	3E-04	1E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-01	1E-01	3E-05	2E-05	4E-05	**5E-04**	**9E+00**	1E+00
47052	68107	Arsenic	22.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
47058	68107	Arsenic	102	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	5E-01
47088	68107	Arsenic	90.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	5E-01
47090	68107	Arsenic	2.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
47106	68107	Arsenic	9.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47139	68107	Arsenic	26.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
47140	68107	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
47147	68107	Arsenic	5.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
47148	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
47149	68107	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47163	68107	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47172	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
47179	68107	Arsenic	7.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
47181	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
47196	68107	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
47203	68107	Arsenic	27.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
47206	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
47215	68107	Arsenic	80.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
47216	68107	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47217	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47218	68107	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47223	68107	Arsenic	7.63	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
47249	68107	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47250	68107	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
47259	68107	Arsenic	8.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47274	68107	Arsenic	6.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
47275	68107	Arsenic	9.72	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47279	68107	Arsenic	39.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
47291	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47293	68107	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47296	68107	Arsenic	75.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
47311	68107	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
47312	68107	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
47315	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
47320	68107	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47322	68107	Arsenic	48.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
47338	68107	Arsenic	41.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
47339	68107	Arsenic	8.99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47356	68107	Arsenic	8.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47368	68107	Arsenic	5.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
47380	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
47382	68107	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
47385	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47390	68107	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
47417	68107	Arsenic	5.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
47421	68107	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47424	68107	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
47425	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
47440	68107	Arsenic	45.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
47452	68107	Arsenic	9.17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
47475	68107	Arsenic	8.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47485	68107	Arsenic	7.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
47511	68107	Arsenic	40.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
47514	68107	Arsenic	8.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
47518	68107	Arsenic	8.62	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES CANCER ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES CANCER DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
48003	68107	Arsenic	9.08	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
48006	68107	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
48014	68107	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
48016	68107	Arsenic	4.235	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	9E-07	1E-05	2E-01	2E-02
48018	68107	Arsenic	6.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
48036	68107	Arsenic	7.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48043	68107	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
48048	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
48056	68107	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
48092	68107	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
48116	68107	Arsenic	9.12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
48118	68107	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
48120	68107	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
48135	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
48141	68107	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
48150	68107	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
48167	68107	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
48232	68107	Arsenic	9.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
48245	68107	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
48261	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
48271	68107	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
48292	68107	Arsenic	26.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
48308	68107	Arsenic	6.62	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
48327	68107	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
48334	68107	Arsenic	4.025	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	6E-07	3E-07	9E-07	1E-05	2E-01	2E-02
48341	68107	Arsenic	9.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
48359	68107	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
48367	68107	Arsenic	4.67	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
48368	68107	Arsenic	5.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
48380	68107	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48416	68107	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48418	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
48434	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
48494	68107	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
48495	68107	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
48508	68107	Arsenic	52.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
48510	68107	Arsenic	16.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
48525	68107	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
48547	68107	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
48553	68107	Arsenic	22.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
48578	68107	Arsenic	39.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
48583	68107	Arsenic	9.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
48589	68107	Arsenic	7.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48593	68107	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
48596	68107	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
48620	68107	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
48636	68107	Arsenic	5.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
48639	68107	Arsenic	9.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
48641	68107	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48654	68107	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
48661	68107	Arsenic	8.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48668	68107	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
48674	68107	Arsenic	5.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
48685	68107	Arsenic	24.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
48694	68107	Arsenic	34.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
48708	68107	Arsenic	21.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
48715	68107	Arsenic	4.685	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
48721	68107	Arsenic	7.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
48733	68107	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
48736	68107	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
48747	68107	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
48768	68107	Arsenic	4.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
48798	68107	Arsenic	18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
48815	68107	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
48821	68107	Arsenic	8.21	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48836	68107	Arsenic	8.08	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
48846	68107	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
50191	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50192	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50193	68107	Arsenic	7.21	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
50214	68107	Arsenic	7.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
50243	68107	Arsenic	3.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	9E-07	1E-05	2E-01	2E-02
50244	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50246	68107	Arsenic	3.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	6E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
50249	68107	Arsenic	7.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
50276	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50284	68107	Arsenic	6.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
50286	68107	Arsenic	7.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
50292	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50293	68107	Arsenic	6.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
50294	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50299	68107	Arsenic	5.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
50300	68107	Arsenic	7.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
50313	68107	Arsenic	6.69	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
50325	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50326	68107	Arsenic	5.32	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
50335	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50359	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50360	68107	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50361	68107	Arsenic	5.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	2E-01	3E-02
50362	68107	Arsenic	5.12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
50537	68107	Arsenic	4.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	2E-02
76891	68107	Arsenic	7.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
89377	68107	Arsenic	2.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	1E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
89408	68107	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2170	68108	Arsenic	8.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
2518	68108	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
2521	68108	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
2522	68108	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2527	68108	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
2532	68108	Arsenic	82.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
5225	68108	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
5227	68108	Arsenic	8.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
5229	68108	Arsenic	5.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
5284	68108	Arsenic	8.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
5300	68108	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
5304	68108	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
5306	68108	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
5332	68108	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5387	68108	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
5390	68108	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5394	68108	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
5395	68108	Arsenic	19.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
5398	68108	Arsenic	18.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
5403	68108	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
5407	68108	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
5408	68108	Arsenic	55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
5409	68108	Arsenic	3.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	6E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
5416	68108	Arsenic	25.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	6E-06	7E-05	1E+00	1E-01
5418	68108	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5422	68108	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
5425	68108	Arsenic	39.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
5426	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5427	68108	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5429	68108	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5431	68108	Arsenic	18.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	9E-02
5432	68108	Arsenic	20.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
5449	68108	Arsenic	19.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
5450	68108	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
5454	68108	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5460	68108	Arsenic	9.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
5463	68108	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5467	68108	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
5472	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
5473	68108	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5474	68108	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)									
				NONCANCER		CANCER		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL	DERMAL	ORAL	DERMAL	RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	RfD$_{ABS}$ (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14043	68108	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
14076	68108	Arsenic	3.475	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	6E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
14079	68108	Arsenic	9.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14130	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
14140	68108	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14203	68108	Arsenic	8.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14270	68108	Arsenic	7.49	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
14279	68108	Arsenic	6.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
14290	68108	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
14438	68108	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
14449	68108	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
14481	68108	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
14486	68108	Arsenic	21.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
14497	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14537	68108	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
14545	68108	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14576	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14578	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
14617	68108	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14660	68108	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
14692	68108	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
14720	68108	Arsenic	9.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
14818	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
14825	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14849	68108	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
14855	68108	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
14878	68108	Arsenic	8.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
14914	68108	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
14998	68108	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
15001	68108	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
15051	68108	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
15053	68108	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
15116	68108	Arsenic	7.24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
15135	68108	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
15248	68108	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
15256	68108	Arsenic	6.69	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
15266	68108	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
15337	68108	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
15443	68108	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
15468	68108	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
15601	68108	Arsenic	9.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
15603	68108	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
15687	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
15748	68108	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
15768	68108	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
15915	68108	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
15939	68108	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
15955	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
15966	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
15980	68108	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
16006	68108	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
16126	68108	Arsenic	9.41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
16135	68108	Arsenic	6.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
16137	68108	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
16145	68108	Arsenic	5.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
16261	68108	Arsenic	9.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
16267	68108	Arsenic	8.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16319	68108	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
16349	68108	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
16446	68108	Arsenic	7.95	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
16530	68108	Arsenic	68.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
16556	68108	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
16581	68108	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
16595	68108	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
16599	68108	Arsenic	6.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
16711	68108	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
16813	68108	Arsenic	21.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
16973	68108	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
17004	68108	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES: NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES: CANCER ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES: CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES: CANCER DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d): CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d): CANCER RME Adult	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d): CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d): CANCER RME Adult	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK: NONCANCER HQ-child RME	TOTAL NONCANCER RISK: NONCANCER HQ-adult RME
18222	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18249	68108	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18328	68108	Arsenic	6.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
18330	68108	Arsenic	20.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	5E-06	5E-05	9E-01	1E-01
18339	68108	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
18385	68108	Arsenic	32.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
18422	68108	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
18435	68108	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
18461	68108	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
18486	68108	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
18532	68108	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18547	68108	Arsenic	17.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
18597	68108	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
18634	68108	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
18664	68108	Arsenic	9.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
18687	68108	Arsenic	16.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
18691	68108	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
18697	68108	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
18712	68108	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
18718	68108	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
18749	68108	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18800	68108	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
18802	68108	Arsenic	8.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
18833	68108	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
18890	68108	Arsenic	34.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
18903	68108	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
18943	68108	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
18968	68108	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
18988	68108	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
19030	68108	Arsenic	9.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
19116	68108	Arsenic	27.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
19126	68108	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
19153	68108	Arsenic	27.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
19190	68108	Arsenic	34.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
19343	68108	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
19371	68108	Arsenic	7.89	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
19373	68108	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
19417	68108	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
19440	68108	Arsenic	17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
19444	68108	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
19474	68108	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
19640	68108	Arsenic	3.255	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	5E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	4E-07	3E-07	7E-07	8E-06	2E-01	2E-02
19660	68108	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
19680	68108	Arsenic	7.98	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
19792	68108	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
19875	68108	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
19920	68108	Arsenic	49.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
19988	68108	Arsenic	2.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	5E-07	6E-06	1E-01	1E-02
20044	68108	Arsenic	34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
20137	68108	Arsenic	6.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
20149	68108	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
20168	68108	Arsenic	29.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
20169	68108	Arsenic	9.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
20244	68108	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
20285	68108	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
20287	68108	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
20344	68108	Arsenic	4.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
20367	68108	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
20464	68108	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
20467	68108	Arsenic	6.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
20567	68108	Arsenic	5.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
20588	68108	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
20608	68108	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
20629	68108	Arsenic	34.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
20671	68108	Arsenic	21.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
20746	68108	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
20752	68108	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES NONCANCER ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES NONCANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES CANCER DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
5551	68110	Arsenic	31.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
5559	68110	Arsenic	23.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
5560	68110	Arsenic	21.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
5561	68110	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
5563	68110	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
5565	68110	Arsenic	15.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5566	68110	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
5612	68110	Arsenic	26.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
5614	68110	Arsenic	18.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
5641	68110	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5650	68110	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
5651	68110	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
26122	68110	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
26133	68110	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
26234	68110	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
26341	68110	Arsenic	9.47	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
26410	68110	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
26447	68110	Arsenic	5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
26465	68110	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
26527	68110	Arsenic	7.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
26550	68110	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
26762	68110	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
27034	68110	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
27069	68110	Arsenic	42.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
27291	68110	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
27435	68110	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
27589	68110	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
27592	68110	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
27683	68110	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
27704	68110	Arsenic	22.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
27756	68110	Arsenic	18.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
27815	68110	Arsenic	6.28	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
27822	68110	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
27826	68110	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
27840	68110	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
27844	68110	Arsenic	8.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
27884	68110	Arsenic	17.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
27907	68110	Arsenic	36.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
27927	68110	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
27984	68110	Arsenic	32.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
28074	68110	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
28075	68110	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
28120	68110	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	9E-02
28167	68110	Arsenic	6.75	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
28226	68110	Arsenic	4.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	9E-07	1E-05	2E-01	2E-02
28335	68110	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
28360	68110	Arsenic	29.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	7E-06	8E-05	1E+00	2E-01
28404	68110	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
28421	68110	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
28455	68110	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
28501	68110	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
28550	68110	Arsenic	9.11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
28591	68110	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
28647	68110	Arsenic	41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
28670	68110	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
28711	68110	Arsenic	22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
28717	68110	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
28726	68110	Arsenic	44.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
28905	68110	Arsenic	9.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
28977	68110	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
28999	68110	Arsenic	39.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
29058	68110	Arsenic	20.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	5E-06	5E-05	9E-01	1E-01
29063	68110	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
29084	68110	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
29093	68110	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
29095	68110	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
29117	68110	Arsenic	19.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)											
				NONCANCER		CANCER		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL				NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL	DERMAL			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME		(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
30422	68110	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
30443	68110	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
30469	68110	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
30470	68110	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
30500	68110	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
30551	68110	Arsenic	19.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
30556	68110	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
30566	68110	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
30575	68110	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
30633	68110	Arsenic	19.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
30651	68110	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
30688	68110	Arsenic	3.985	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	6E-07	3E-07	9E-07	1E-05	2E-01	2E-02
30705	68110	Arsenic	16.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
30786	68110	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
30803	68110	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
30870	68110	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
30954	68110	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
30980	68110	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
31097	68110	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
31153	68110	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
31174	68110	Arsenic	16.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
31223	68110	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
31231	68110	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
31350	68110	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
31401	68110	Arsenic	18.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	9E-02
31568	68110	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
31645	68110	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
31757	68110	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
31760	68110	Arsenic	3.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
31814	68110	Arsenic	29.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
31832	68110	Arsenic	9.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
31959	68110	Arsenic	6.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	4E-02
32019	68110	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
32039	68110	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
32043	68110	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
32063	68110	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
32214	68110	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
32373	68110	Arsenic	29.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
32494	68110	Arsenic	19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
32508	68110	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
32529	68110	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
32536	68110	Arsenic	7.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
32570	68110	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
32645	68110	Arsenic	20.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
32707	68110	Arsenic	19.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
32727	68110	Arsenic	15.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
32733	68110	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
32734	68110	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
32875	68110	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
32903	68110	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
32915	68110	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
32927	68110	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
32996	68110	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
33078	68110	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
33084	68110	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
33280	68110	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
33421	68110	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
33468	68110	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
33472	68110	Arsenic	6.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
33477	68110	Arsenic	9.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
33483	68110	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
33512	68110	Arsenic	9.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
33519	68110	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
33543	68110	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
33555	68110	Arsenic	16.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
33602	68110	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
33629	68110	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
33635	68110	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
33714	68110	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
36189	68110	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
37075	68110	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
37434	68110	Arsenic	23.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
37456	68110	Arsenic	21.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
37525	68110	Arsenic	35.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
37674	68110	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
37821	68110	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
38725	68110	Arsenic	36.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
38863	68110	Arsenic	47.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
39142	68110	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
39271	68110	Arsenic	9.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
39434	68110	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
39572	68110	Arsenic	231	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	4E-04	2E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-01	1E-01	3E-05	2E-05	5E-05	**6E-04**	**1E+01**	1E+00
55636	68110	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
74149	68110	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
79377	68110	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
81398	68110	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
81400	68110	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
87991	68110	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
90908	68110	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
91449	68110	Arsenic	2.85	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	5E-06	2E-06	7E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
92501	68110	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
92675	68110	Arsenic	8.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
93337	68110	Arsenic	8.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
93338	68110	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
93342	68110	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
93344	68110	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
93345	68110	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
2035	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
2075	68111	Arsenic	32.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
2103	68111	Arsenic	6.36	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
2109	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
2118	68111	Arsenic	2.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	5E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
2121	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
2126	68111	Arsenic	9.12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2154	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
2179	68111	Arsenic	42.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
2216	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
2225	68111	Arsenic	9.59	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2231	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
2262	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
2365	68111	Arsenic	9.71	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
2425	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
2565	68111	Arsenic	8.01	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
3046	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
3051	68111	Arsenic	8.13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
3058	68111	Arsenic	63.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	9E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
3091	68111	Arsenic	435	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+01	2E+00	7E-04	3E-04	1E-03	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E+00	2E-01	6E-05	4E-05	1E-04	**1E-03**	**2E+01**	**2E+00**
3133	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
3151	68111	Arsenic	5.93	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
5013	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
5085	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
5170	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
5171	68111	Arsenic	7.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
5204	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5206	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5208	68111	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5215	68111	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5221	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
5230	68111	Arsenic	9.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
5232	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5234	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5236	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5238	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
5240	68111	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
5242	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
5246	68111	Arsenic	21	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
5288	68111	Arsenic	7.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
5296	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
26135	68111	Arsenic	5.15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
26142	68111	Arsenic	6.84	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
26149	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
26160	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
26164	68111	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
26191	68111	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
26199	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
26202	68111	Arsenic	5.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
26204	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
26211	68111	Arsenic	9.92	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
26215	68111	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
26228	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
26229	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
26231	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
26249	68111	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
26257	68111	Arsenic	7.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
26263	68111	Arsenic	222	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E+00	1E+00	4E-04	2E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-01	1E-01	3E-05	2E-05	5E-05	**6E-04**	**1E+01**	1E+00
26288	68111	Arsenic	18.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	9E-02
26289	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
26290	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
26295	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
26303	68111	Arsenic	9.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
26327	68111	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
26372	68111	Arsenic	513	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+01	2E+00	8E-04	4E-04	1E-03	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E+00	3E-01	7E-05	4E-05	1E-04	**1E-03**	**2E+01**	**3E+00**
26428	68111	Arsenic	26.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
26456	68111	Arsenic	191	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E+00	9E-01	3E-04	1E-04	4E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-01	1E-01	3E-05	2E-05	4E-05	**5E-04**	**9E+00**	1E+00
26459	68111	Arsenic	37.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
26480	68111	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
26485	68111	Arsenic	9.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	3E-05	4E-01	5E-02
26514	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
26518	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
26543	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
26570	68111	Arsenic	48.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
26604	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
26653	68111	Arsenic	22.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
26663	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
26665	68111	Arsenic	8.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
26682	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
26695	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
26716	68111	Arsenic	8.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
26742	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
26757	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
26759	68111	Arsenic	3.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	9E-07	1E-05	2E-01	2E-02
26772	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
26779	68111	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
26783	68111	Arsenic	16.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
26834	68111	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
26844	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
26858	68111	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
26865	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
26868	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
26869	68111	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
26877	68111	Arsenic	55.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
26891	68111	Arsenic	6.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
26948	68111	Arsenic	49.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
26955	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
26967	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
26996	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
26997	68111	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
26999	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
27005	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
27031	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
27038	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
27052	68111	Arsenic	9.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
27074	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
27096	68111	Arsenic	201	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E+00	9E-01	3E-04	1E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-01	1E-01	3E-05	2E-05	4E-05	**5E-04**	**9E+00**	1E+00
27107	68111	Arsenic	3.875	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	9E-07	1E-05	2E-01	2E-02
27117	68111	Arsenic	6.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
27120	68111	Arsenic	17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
27630	68111	Arsenic	8.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
27632	68111	Arsenic	8.81	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
27658	68111	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
27718	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
27734	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
27739	68111	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
27742	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
27764	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
27768	68111	Arsenic	6.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
27780	68111	Arsenic	31.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
27854	68111	Arsenic	7.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
27859	68111	Arsenic	9.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
27885	68111	Arsenic	35.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
27886	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
27913	68111	Arsenic	5.52	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
27920	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
27924	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
27939	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
27962	68111	Arsenic	18.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
28004	68111	Arsenic	22.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
28011	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
28019	68111	Arsenic	107	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	5E-01	2E-04	8E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	5E-01
28020	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
28022	68111	Arsenic	7.32	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
28045	68111	Arsenic	5.75	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
28065	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
28072	68111	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
28105	68111	Arsenic	8.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
28108	68111	Arsenic	8.81	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
28144	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
28148	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
28154	68111	Arsenic	4.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
28157	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
28185	68111	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
28186	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
28188	68111	Arsenic	5.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
28218	68111	Arsenic	7.37	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
28222	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
28273	68111	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
28284	68111	Arsenic	23.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
28329	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
28338	68111	Arsenic	6.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
28375	68111	Arsenic	18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
28377	68111	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
28417	68111	Arsenic	18.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
28423	68111	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
28434	68111	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
28518	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
28544	68111	Arsenic	7.87	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
28558	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
28561	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
28573	68111	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
28611	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
28612	68111	Arsenic	6.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
28618	68111	Arsenic	5.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
28623	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
28625	68111	Arsenic	9.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
28648	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
28661	68111	Arsenic	8.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
28688	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
28709	68111	Arsenic	15.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
28713	68111	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
28725	68111	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
28730	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
28749	68111	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
28763	68111	Arsenic	8.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
28764	68111	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
28766	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
28781	68111	Arsenic	7.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES: NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES: CANCER ORAL CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES: CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES: CANCER DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d): NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d): CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d): CANCER RME Adult	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL: NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL: CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d): NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d): CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d): CANCER RME Adult	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL: NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL: CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK: NONCANCER HQ-child RME	TOTAL NONCANCER RISK: NONCANCER HQ-adult RME
29274	68111	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
29285	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
29328	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
29343	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
29354	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
29358	68111	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
29386	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
29409	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
29431	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
29432	68111	Arsenic	8.21	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
29445	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
29469	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
29499	68111	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
29552	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
29558	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
29578	68111	Arsenic	7.15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
29608	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
29625	68111	Arsenic	8.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
29633	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
29671	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
29678	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
29683	68111	Arsenic	8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
29684	68111	Arsenic	20.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
29689	68111	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
29717	68111	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
29777	68111	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
29792	68111	Arsenic	7.82	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
29806	68111	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
29818	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
29824	68111	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
29826	68111	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
29881	68111	Arsenic	82.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
29889	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
29910	68111	Arsenic	39.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
29912	68111	Arsenic	9.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
29927	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
29953	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
29974	68111	Arsenic	20.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
29978	68111	Arsenic	9.63	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
29991	68111	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
29993	68111	Arsenic	66.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	4E-02	9E-06	6E-06	1E-05	**2E-04**	**3E+00**	3E-01
30012	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
30045	68111	Arsenic	81	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
30050	68111	Arsenic	8.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
30068	68111	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
30078	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
30081	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
30123	68111	Arsenic	17.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
30130	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
30133	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
30161	68111	Arsenic	6.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
30169	68111	Arsenic	7.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
30171	68111	Arsenic	8.44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
30177	68111	Arsenic	4.195	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	9E-07	1E-05	2E-01	2E-02
30182	68111	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
30201	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
30220	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
30225	68111	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
30244	68111	Arsenic	8.18	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
30253	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
30345	68111	Arsenic	5.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
30347	68111	Arsenic	9.06	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
30387	68111	Arsenic	9.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
30417	68111	Arsenic	9.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
30420	68111	Arsenic	5.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
30434	68111	Arsenic	13.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
30455	68111	Arsenic	9.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total
31076	68111	Arsenic	7.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
31081	68111	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31102	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05
31104	68111	Arsenic	28.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05
31120	68111	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
31129	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31131	68111	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31141	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
31145	68111	Arsenic	23.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05
31163	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
31171	68111	Arsenic	9.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05
31176	68111	Arsenic	8.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31186	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05
31189	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
31192	68111	Arsenic	8.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31206	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06
31229	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
31237	68111	Arsenic	33.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05
31262	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
31300	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
31303	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05
31316	68111	Arsenic	25.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05
31357	68111	Arsenic	6.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
31360	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31361	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05
31362	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05
31365	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31366	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
31377	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
31398	68111	Arsenic	9.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05
31408	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06
31433	68111	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31442	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
31444	68111	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31457	68111	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31478	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31517	68111	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
31583	68111	Arsenic	8.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31603	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
31607	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31615	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31695	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31698	68111	Arsenic	42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04
31733	68111	Arsenic	7.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
31740	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31799	68111	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31803	68111	Arsenic	8.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31823	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31850	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
31853	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05
31854	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31858	68111	Arsenic	27.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	6E-05
31868	68111	Arsenic	7.66	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
31871	68111	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05
31882	68111	Arsenic	85.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04
31887	68111	Arsenic	4.445	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05
31896	68111	Arsenic	7.14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
31899	68111	Arsenic	9.98	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
31911	68111	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05
31925	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31936	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
31964	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05
31965	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
31977	68111	Arsenic	8.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
31986	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06
32001	68111	Arsenic	6.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
32016	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05
32021	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
32022	68111	Arsenic	2.19	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	4E-06	2E-06	5E-06
32040	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05
32046	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05
32049	68111	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05
32070	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32081	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06
32089	68111	Arsenic	28.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05
32092	68111	Arsenic	7.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
32153	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32162	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32168	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32208	68111	Arsenic	13.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
32228	68111	Arsenic	32.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	8E-05
32252	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
32256	68111	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05
32261	68111	Arsenic	9.01	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
32267	68111	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
32276	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32277	68111	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
32283	68111	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32284	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05
32287	68111	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
32293	68111	Arsenic	6.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05
32311	68111	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05
32316	68111	Arsenic	8.24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05
32325	68111	Arsenic	7.22	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
32339	68111	Arsenic	6.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05
32346	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05
32414	68111	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
32418	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
32428	68111	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
32429	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05
32441	68111	Arsenic	9.59	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05
32444	68111	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05
32455	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05
32456	68111	Arsenic	14.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05
32458	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05
32497	68111	Arsenic	6.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05
32502	68111	Arsenic	8.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05

BVID	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
31076	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
31081	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
31102	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
31104	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
31120	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
31129	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
31131	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
31141	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
31145	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
31163	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
31171	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	3E-05	4E-01	5E-02
31176	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	5E-02
31186	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32539	68111	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
32547	68111	Arsenic	9.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
32562	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
32581	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
32596	68111	Arsenic	8.24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
32633	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
32673	68111	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
32678	68111	Arsenic	17.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
32686	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
32696	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
32702	68111	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
32708	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
32736	68111	Arsenic	14.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
32775	68111	Arsenic	16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
32779	68111	Arsenic	9.26	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
32780	68111	Arsenic	104	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	5E-01
32783	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
32818	68111	Arsenic	79.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
32847	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
32851	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
32852	68111	Arsenic	5.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	5E-07	1E-06	1E-05	2E-01	3E-02
32874	68111	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
32876	68111	Arsenic	8.27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
32891	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
32896	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
32912	68111	Arsenic	6.05	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
32914	68111	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
32931	68111	Arsenic	9.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
32940	68111	Arsenic	7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
32949	68111	Arsenic	88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
32968	68111	Arsenic	9.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
32972	68111	Arsenic	77.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
32973	68111	Arsenic	15	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
32974	68111	Arsenic	9.43	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
32989	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
32992	68111	Arsenic	29.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
33009	68111	Arsenic	8.62	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
33012	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
33014	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
33036	68111	Arsenic	6.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
33037	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
33042	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
33043	68111	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
33060	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
33062	68111	Arsenic	15.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
33120	68111	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
33177	68111	Arsenic	8.04	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
33207	68111	Arsenic	22.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
33296	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
33314	68111	Arsenic	14.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
33317	68111	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
33350	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
33372	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
33392	68111	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
33453	68111	Arsenic	31.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
33456	68111	Arsenic	8.31	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
33480	68111	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
33492	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
33600	68111	Arsenic	27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
33607	68111	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
33630	68111	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
33631	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
33647	68111	Arsenic	15.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
33696	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
33711	68111	Arsenic	6.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
33741	68111	Arsenic	4.88	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	2E-02
33772	68111	Arsenic	4.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
33803	68111	Arsenic	26.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
33805	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES CANCER ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES CANCER DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
34478	68111	Arsenic	8.41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
34503	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
34560	68111	Arsenic	59.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
34562	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
34595	68111	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
34621	68111	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
34626	68111	Arsenic	7.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
34639	68111	Arsenic	9.73	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	3E-05	4E-01	5E-02
34663	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
34669	68111	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
34691	68111	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
34703	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
34766	68111	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
34778	68111	Arsenic	6.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
34888	68111	Arsenic	26.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
34892	68111	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
34904	68111	Arsenic	9.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
34917	68111	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
34923	68111	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
34936	68111	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
34948	68111	Arsenic	24.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
34953	68111	Arsenic	14.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
34985	68111	Arsenic	44.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
34993	68111	Arsenic	124	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	6E-01	2E-04	9E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	7E-02	2E-05	1E-05	3E-05	**3E-04**	**6E+00**	6E-01
34999	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
35003	68111	Arsenic	18.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
35014	68111	Arsenic	8.68	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
35042	68111	Arsenic	2.65	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	4E-07	2E-07	6E-07	7E-06	1E-01	1E-02
35043	68111	Arsenic	4.535	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
35059	68111	Arsenic	9.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
35072	68111	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
35085	68111	Arsenic	8.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
35137	68111	Arsenic	8.02	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
35152	68111	Arsenic	6.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	4E-02
35223	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
35233	68111	Arsenic	28.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
35242	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
35252	68111	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
35273	68111	Arsenic	94.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	4E-01
35285	68111	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
35287	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
35288	68111	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
35290	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
35350	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
35404	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
35417	68111	Arsenic	35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
35458	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
35495	68111	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
35503	68111	Arsenic	6.39	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
35513	68111	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
35517	68111	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
35536	68111	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
35575	68111	Arsenic	21.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
35614	68111	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
35619	68111	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
35786	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
35821	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
35822	68111	Arsenic	21.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
35826	68111	Arsenic	7.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
35830	68111	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
35877	68111	Arsenic	282	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	5E-04	2E-04	7E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E+00	2E-01	4E-05	2E-05	6E-05	**7E-04**	**1E+01**	1E+00
35921	68111	Arsenic	7.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
35935	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
35943	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
35947	68111	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
35964	68111	Arsenic	19.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
35969	68111	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
37097	68111	Arsenic	126	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	6E-01	2E-04	9E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	7E-02	2E-05	1E-05	3E-05	**3E-04**	**6E+00**	6E-01
37156	68111	Arsenic	6.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	1E-06	2E-05	3E-01	3E-02
37189	68111	Arsenic	32.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
37193	68111	Arsenic	6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
37210	68111	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
37219	68111	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
37223	68111	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
37226	68111	Arsenic	7.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	4E-01	4E-02
37276	68111	Arsenic	19.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
37361	68111	Arsenic	5.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	5E-07	1E-06	1E-05	2E-01	3E-02
37402	68111	Arsenic	16.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
37465	68111	Arsenic	4.97	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
37470	68111	Arsenic	9.01	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
37684	68111	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
37738	68111	Arsenic	16.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
37756	68111	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
37907	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
37934	68111	Arsenic	16.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	8E-02
38007	68111	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
38054	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
38066	68111	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
38087	68111	Arsenic	7.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
38202	68111	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
38210	68111	Arsenic	12.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
38253	68111	Arsenic	8.03	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
38261	68111	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
38269	68111	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
38300	68111	Arsenic	11.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
38363	68111	Arsenic	7.83	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
38383	68111	Arsenic	6.45	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
38407	68112	Arsenic	39.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
38439	68111	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
38446	68111	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
38449	68111	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
38527	68111	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
38585	68111	Arsenic	11.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
38587	68111	Arsenic	59.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
38721	68111	Arsenic	23.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
38724	68111	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
38759	68111	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
38780	68111	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
38864	68111	Arsenic	7.06	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
49203	68111	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
49313	68111	Arsenic	9.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
49314	68111	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
49319	68111	Arsenic	14.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
49341	68111	Arsenic	6.75	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
49345	68111	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
49354	68111	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
50024	68111	Arsenic	8.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
50049	68111	Arsenic	6.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
50080	68111	Arsenic	3.76	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	1E-05	2E-01	2E-02
50105	68111	Arsenic	6.42	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
50107	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50120	68111	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
50146	68111	Arsenic	5.86	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	2E-05	3E-01	3E-02
50356	68111	Arsenic	9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
50404	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50410	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50417	68111	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
50424	68111	Arsenic	8.37	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
50434	68111	Arsenic	9.09	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
50447	68111	Arsenic	15.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
63239	68111	Arsenic	8.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
63751	68111	Arsenic	7.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
68070	68111	Arsenic	8.25	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
68686	68111	Arsenic	13.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
73862	68111	Arsenic	14.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
74664	68111	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
23093	68131	Arsenic	13.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
23144	68131	Arsenic	59.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	**2E-04**	**3E+00**	3E-01
23145	68131	Arsenic	45.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
23150	68131	Arsenic	22.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
23153	68131	Arsenic	33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
23211	68131	Arsenic	15.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
23237	68131	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
23274	68131	Arsenic	87.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
23280	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
23301	68131	Arsenic	5.56	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
23338	68131	Arsenic	8.54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
23344	68131	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
23379	68131	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
23399	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
23425	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
23433	68131	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
23442	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
23460	68131	Arsenic	9.53	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
23502	68131	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
23512	68131	Arsenic	25.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	6E-06	6E-05	1E+00	1E-01
23532	68131	Arsenic	9.29	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
23537	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
23539	68131	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
23577	68131	Arsenic	3.89	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	9E-07	1E-05	2E-01	2E-02
23580	68131	Arsenic	138	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	6E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**6E+00**	7E-01
23584	68131	Arsenic	12.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
23586	68131	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
23611	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
23634	68131	Arsenic	9.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
23673	68131	Arsenic	5.16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	8E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
23675	68131	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
23700	68131	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
23742	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
23786	68131	Arsenic	23.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
23788	68131	Arsenic	11.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
23790	68131	Arsenic	38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
23817	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
23822	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
23824	68131	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
23845	68131	Arsenic	5.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
23872	68131	Arsenic	17.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
23895	68131	Arsenic	7.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
23899	68131	Arsenic	5.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
23922	68131	Arsenic	6.94	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
23930	68131	Arsenic	9.79	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
23961	68131	Arsenic	6.17	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
23967	68131	Arsenic	14.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
23968	68131	Arsenic	31.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	3E-06	7E-06	8E-05	1E+00	2E-01
23985	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
23986	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
24000	68131	Arsenic	15.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
24010	68131	Arsenic	18.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
24019	68131	Arsenic	10.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
24027	68131	Arsenic	109	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	5E-01	2E-04	8E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	2E-05	9E-06	2E-05	**3E-04**	**5E+00**	6E-01
24098	68131	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
24109	68131	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
24119	68131	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
24126	68131	Arsenic	8.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
24132	68131	Arsenic	45.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
24141	68131	Arsenic	41.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	6E-06	4E-06	9E-06	1E-04	**2E+00**	2E-01
24156	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
24162	68131	Arsenic	9.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
24182	68131	Arsenic	16.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
24190	68131	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
24214	68131	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
24240	68131	Arsenic	20	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
24272	68131	Arsenic	9.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
24274	68131	Arsenic	39.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
24277	68131	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)								TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL				NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL						
			EPC-Max	ORAL	DERMAL			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME		(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25009	68131	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25061	68131	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
25063	68131	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25078	68131	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
25096	68131	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
25130	68131	Arsenic	13.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25133	68131	Arsenic	9.78	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
25137	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
25167	68131	Arsenic	5.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
25185	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
25189	68131	Arsenic	44.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
25193	68131	Arsenic	13.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25202	68131	Arsenic	4.33	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
25204	68131	Arsenic	12.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
25231	68131	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
25242	68131	Arsenic	9.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
25281	68131	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
25285	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
25296	68131	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
25315	68131	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
25324	68131	Arsenic	7.51	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
25329	68131	Arsenic	24.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
25331	68131	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
25335	68131	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
25337	68131	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25385	68131	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25391	68131	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
25410	68131	Arsenic	7.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
25425	68131	Arsenic	235	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	4E-04	2E-04	6E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-01	1E-01	3E-05	2E-05	5E-05	**6E-04**	**1E+01**	1E+00
25456	68131	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
25547	68131	Arsenic	8.66	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
25554	68131	Arsenic	13.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
25558	68131	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
25579	68131	Arsenic	9.64	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
25604	68131	Arsenic	8.74	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
25607	68131	Arsenic	8.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
25634	68131	Arsenic	10.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
25657	68131	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
50446	68131	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
89514	68131	Arsenic	9.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
93114	68131	Arsenic	382	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+01	2E+00	6E-04	3E-04	9E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E+00	2E-01	5E-05	3E-05	8E-05	**1E-03**	**2E+01**	**2E+00**
93413	68131	Arsenic	5.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
93419	68131	Arsenic	46.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
5139	68132	Arsenic	6.77	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	6E-07	2E-06	2E-05	3E-01	3E-02
5140	68132	Arsenic	6.29	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
5313	68132	Arsenic	14.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
5317	68132	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
49490	68132	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
49500	68132	Arsenic	16.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
49505	68132	Arsenic	95.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	5E-01
49521	68132	Arsenic	23.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
49544	68132	Arsenic	9.46	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
49558	68132	Arsenic	17.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
49578	68132	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
49618	68132	Arsenic	9.11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
49625	68132	Arsenic	28.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	5E-05	2E-05	7E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
49627	68132	Arsenic	4.415	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	2E-03	6E-07	4E-07	1E-06	1E-05	2E-01	2E-02
49628	68132	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
49642	68132	Arsenic	91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	8E-06	2E-05	**2E-04**	**4E+00**	5E-01
49663	68132	Arsenic	3.34	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	5E-06	2E-06	8E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	7E-07	9E-06	2E-01	2E-02
49671	68132	Arsenic	86.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	1E-04	6E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	5E-02	1E-05	7E-06	2E-05	**2E-04**	**4E+00**	4E-01
49672	68132	Arsenic	9.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
49676	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
49678	68132	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
49682	68132	Arsenic	12.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
49697	68132	Arsenic	17.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	8E-01	9E-02
49701	68132	Arsenic	14	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
49704	68132	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
49716	68132	Arsenic	9.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL NONCANCER RfDo (mg/kg-d)	TOXICITY VALUES ORAL CANCER CSFo $(mg/kg\text{-}d)^{-1}$	TOXICITY VALUES DERMAL NONCANCER RfD_{ABS} (mg/kg-d)	TOXICITY VALUES DERMAL CANCER CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
49958	68132	Arsenic	5.55	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
49961	68132	Arsenic	18.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
49971	68132	Arsenic	9.48	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
49974	68132	Arsenic	21.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	5E-05	1E+00	1E-01
49986	68132	Arsenic	57.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
49994	68132	Arsenic	9.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
49995	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
50479	68132	Arsenic	16	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	9E-03	2E-06	1E-06	4E-06	4E-05	7E-01	8E-02
50484	68132	Arsenic	17.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	1E-06	4E-06	5E-05	8E-01	9E-02
50485	68132	Arsenic	19.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
50536	68132	Arsenic	38.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
51190	68132	Arsenic	54	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	5E-06	1E-05	1E-04	**2E+00**	3E-01
51214	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
51217	68132	Arsenic	9.07	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
51225	68132	Arsenic	3.99	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	7E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	6E-07	3E-07	9E-07	1E-05	2E-01	2E-02
51228	68132	Arsenic	10.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51234	68132	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
51256	68132	Arsenic	2.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	4E-06	2E-06	6E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	3E-07	2E-07	6E-07	6E-06	1E-01	1E-02
51263	68132	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
51270	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
51278	68132	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
51280	68132	Arsenic	3.645	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	6E-06	3E-06	9E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	5E-07	3E-07	8E-07	9E-06	2E-01	2E-02
51327	68132	Arsenic	44.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
51349	68132	Arsenic	0.4815	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	8E-07	3E-07	1E-06	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	3E-04	7E-08	4E-08	1E-07	1E-06	2E-02	2E-03
51361	68132	Arsenic	5.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
51369	68132	Arsenic	57.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	8E-06	5E-06	1E-05	1E-04	**3E+00**	3E-01
51381	68132	Arsenic	50.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
51391	68132	Arsenic	9.57	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
51392	68132	Arsenic	5.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
51394	68132	Arsenic	17.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	1E-02	2E-06	2E-06	4E-06	5E-05	8E-01	9E-02
51401	68132	Arsenic	166	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E+00	8E-01	3E-04	1E-04	4E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-01	9E-02	2E-05	1E-05	4E-05	**4E-04**	**8E+00**	8E-01
51412	68132	Arsenic	6.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
51437	68132	Arsenic	177	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E+00	8E-01	3E-04	1E-04	4E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-01	1E-01	2E-05	1E-05	4E-05	**5E-04**	**8E+00**	9E-01
51440	68132	Arsenic	7.96	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
51457	68132	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
51483	68132	Arsenic	37.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	1E-04	**2E+00**	2E-01
51492	68132	Arsenic	5.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
51504	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
51512	68132	Arsenic	47.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
51519	68132	Arsenic	6.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
51525	68132	Arsenic	6.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
51544	68132	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
51546	68132	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51551	68132	Arsenic	22.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
51569	68132	Arsenic	44	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
51587	68132	Arsenic	11.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
51588	68132	Arsenic	12.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
51598	68132	Arsenic	200	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E+00	9E-01	3E-04	1E-04	5E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-01	1E-01	3E-05	2E-05	4E-05	**5E-04**	**9E+00**	1E+00
51600	68132	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
51607	68132	Arsenic	13.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	6E-01	7E-02
51630	68132	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
51640	68132	Arsenic	23.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
51645	68132	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51646	68132	Arsenic	13.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
51659	68132	Arsenic	38.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	9E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	9E-06	1E-04	**2E+00**	2E-01
51667	68132	Arsenic	32.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	5E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	7E-06	8E-05	**2E+00**	2E-01
51671	68132	Arsenic	8.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
51676	68132	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
51705	68132	Arsenic	11	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
51706	68132	Arsenic	24	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
51708	68132	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02
51710	68132	Arsenic	8.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
51712	68132	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
51735	68132	Arsenic	10.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51750	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
51752	68132	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
51767	68132	Arsenic	10.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	6E-02

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES NONCANCER ORAL RfDo (mg/kg-d)	TOXICITY VALUES CANCER ORAL CSFo (mg/kg-d)$^{-1}$	TOXICITY VALUES CANCER DERMAL RfD_{ABS} (mg/kg-d)	TOXICITY VALUES CANCER DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Child	HIFs Ingestion of Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Child	RISK FROM INGESTION OF SOIL CANCER RISK_RME Adult	RISK FROM INGESTION OF SOIL CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Adult	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Child	HIFs Contact with Surface Soil (kg/kg-d) CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Child	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Adult	RISK FROM CONTACT WITH SOIL CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
52078	68132	Arsenic	12	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
52080	68132	Arsenic	12.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
52085	68132	Arsenic	12.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
52090	68132	Arsenic	147	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E+00	7E-01	2E-04	1E-04	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-01	8E-02	2E-05	1E-05	3E-05	**4E-04**	**7E+00**	8E-01
52091	68132	Arsenic	11.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
52097	68132	Arsenic	15.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	8E-02
52101	68132	Arsenic	20.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	5E-06	5E-05	9E-01	1E-01
52106	68132	Arsenic	53.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	9E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	5E-06	1E-05	1E-04	**2E+00**	3E-01
52112	68132	Arsenic	34.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	6E-05	2E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
52119	68132	Arsenic	8.58	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
52122	68132	Arsenic	49.8	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	8E-05	4E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	3E-02	7E-06	4E-06	1E-05	1E-04	**2E+00**	3E-01
52128	68132	Arsenic	72.1	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	1E-04	5E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-01	4E-02	1E-05	6E-06	2E-05	**2E-04**	**3E+00**	4E-01
52129	68132	Arsenic	10.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
52137	68132	Arsenic	5.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	7E-07	4E-07	1E-06	1E-05	2E-01	3E-02
52140	68132	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
52141	68132	Arsenic	23.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
52150	68132	Arsenic	101	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	2E-04	7E-05	2E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	6E-02	1E-05	9E-06	2E-05	**3E-04**	**5E+00**	5E-01
52155	68132	Arsenic	11.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
52158	68132	Arsenic	27	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
52166	68132	Arsenic	11.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	9E-07	2E-06	3E-05	5E-01	6E-02
52167	68132	Arsenic	7.41	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
52177	68132	Arsenic	10.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
52178	68132	Arsenic	125	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	6E-01	2E-04	9E-05	3E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-01	7E-02	2E-05	1E-05	3E-05	**3E-04**	**6E+00**	6E-01
52181	68132	Arsenic	9.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
52186	68132	Arsenic	11.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
52187	68132	Arsenic	14.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	1E-05	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	8E-03	2E-06	1E-06	3E-06	4E-05	7E-01	7E-02
52190	68132	Arsenic	7.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
52192	68132	Arsenic	10	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
52198	68132	Arsenic	19.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	3E-05	1E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	9E-01	1E-01
52202	68132	Arsenic	18.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	3E-05	1E-05	4E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-02	1E-02	3E-06	2E-06	4E-06	5E-05	8E-01	9E-02
52206	68132	Arsenic	25.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	6E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-02	1E-02	4E-06	2E-06	6E-06	7E-05	1E+00	1E-01
52214	68132	Arsenic	12.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
52226	68132	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
52228	68132	Arsenic	7.35	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	4E-03	1E-06	6E-07	2E-06	2E-05	3E-01	4E-02
52243	68132	Arsenic	13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	7E-02
52244	68132	Arsenic	10.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
52246	68132	Arsenic	43.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	7E-05	3E-05	1E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-01	2E-02	6E-06	4E-06	1E-05	1E-04	**2E+00**	2E-01
52327	68132	Arsenic	6.38	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
52336	68132	Arsenic	283	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	5E-04	2E-04	7E-04	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E+00	2E-01	4E-05	2E-05	6E-05	**7E-04**	**1E+01**	1E+00
52356	68132	Arsenic	12.2	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	2E-05	9E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	7E-03	2E-06	1E-06	3E-06	3E-05	6E-01	6E-02
52357	68132	Arsenic	10.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	1E-06	9E-07	2E-06	3E-05	5E-01	5E-02
52367	68132	Arsenic	35.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	6E-05	3E-05	8E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-01	2E-02	5E-06	3E-06	8E-06	9E-05	**2E+00**	2E-01
52378	68132	Arsenic	9.91	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02
52386	68132	Arsenic	8.3	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	1E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	7E-07	2E-06	2E-05	4E-01	4E-02
52387	68132	Arsenic	9.13	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	2E-05	6E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-02	5E-03	1E-06	8E-07	2E-06	2E-05	4E-01	5E-02
52411	68132	Arsenic	11.7	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	2E-05	8E-06	3E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	6E-03	2E-06	1E-06	3E-06	3E-05	5E-01	6E-02
63007	68132	Arsenic	5.6	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	9E-06	4E-06	1E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	8E-07	5E-07	1E-06	1E-05	3E-01	3E-02
66781	68132	Arsenic	23.4	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	4E-05	2E-05	5E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-02	1E-02	3E-06	2E-06	5E-06	6E-05	1E+00	1E-01
66791	68132	Arsenic	6.5	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	1E-05	5E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	4E-03	9E-07	5E-07	1E-06	2E-05	3E-01	3E-02
92431	68132	Arsenic	9.9	3.00E-04	1.50E+00	3.00E-04	1.50E+00	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	2E-05	7E-06	2E-05	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-02	5E-03	1E-06	8E-07	2E-06	3E-05	5E-01	5E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22493	68102	Cadmium	3.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.70E-03
25567	68102	Cadmium	1.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.95E-03
25717	68102	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.92E-04
25720	68102	Cadmium	3.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.86E-03
25914	68102	Cadmium	0.819	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.30E-03
90101	68102	Cadmium	4.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.67E-03
2133	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5026	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5143	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5144	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5145	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5147	68104	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50647	68104	Cadmium	0.747	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
1626	68105	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
2229	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2299	68105	Cadmium	0.879	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.40E-03
2300	68105	Cadmium	0.764	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.21E-03
2308	68105	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
2441	68105	Cadmium	3.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.86E-03
2448	68105	Cadmium	0.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
2465	68105	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
3076	68105	Cadmium	0.595	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	8E-03	9.45E-04
3118	68105	Cadmium	0.549	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.72E-04
5054	68105	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
5057	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5105	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
5109	68105	Cadmium	1.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.41E-03
5110	68105	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
5112	68105	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
5117	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
5123	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
5128	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5129	68105	Cadmium	2.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.94E-03
5132	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5134	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5325	68105	Cadmium	0.93	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.48E-03
5338	68105	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
5347	68105	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
5351	68105	Cadmium	0.128	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-04	3E-05	--	--	--	--	2E-03	2.03E-04
5352	68105	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
5355	68105	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
5356	68105	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
5357	68105	Cadmium	1.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.41E-03
5359	68105	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
5361	68105	Cadmium	0.672	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
5363	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
5364	68105	Cadmium	4.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.72E-03
5365	68105	Cadmium	0.883	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.40E-03
5367	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
5486	68105	Cadmium	0.829	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.32E-03
5488	68105	Cadmium	0.697	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
5489	68105	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
5495	68105	Cadmium	1.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.59E-03
5509	68105	Cadmium	0.698	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
5610	68105	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
12784	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12864	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
12875	68105	Cadmium	0.435	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	6.91E-04
12886	68105	Cadmium	0.866	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
12964	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12995	68105	Cadmium	3.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.96E-03
13069	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13073	68105	Cadmium	0.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.37E-04
13092	68105	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.52E-04
13166	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13185	68105	Cadmium	0.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.30E-03
13187	68105	Cadmium	2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.18E-03
13191	68105	Cadmium	1.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.57E-03
13204	68105	Cadmium	3.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.89E-03
13209	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13237	68105	Cadmium	0.775	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
13240	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13245	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13248	68105	Cadmium	0.595	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	8E-03	9.45E-04
13273	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
13283	68105	Cadmium	0.2525	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.01E-04
13322	68105	Cadmium	1.57975	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.51E-03
13336	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
13370	68105	Cadmium	0.3285	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.22E-04
13381	68105	Cadmium	3.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.56E-03
13389	68105	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
13403	68105	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
13437	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13577	68105	Cadmium	2.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.07E-03
13611	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13656	68105	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
13690	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13731	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
13735	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13741	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
13745	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
13779	68105	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
13790	68105	Cadmium	0.275	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.37E-04
13791	68105	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
13793	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13851	68105	Cadmium	0.283	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.50E-04
13863	68105	Cadmium	3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.77E-03
13869	68105	Cadmium	0.2805	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.46E-04
13871	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13880	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
13918	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13919	68105	Cadmium	0.301	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.78E-04
13935	68105	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
13984	68105	Cadmium	2.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.94E-03
14003	68105	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
14024	68105	Cadmium	2.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.48E-03
14050	68105	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
14063	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14080	68105	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
14098	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14199	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14238	68105	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
14322	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14326	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14341	68105	Cadmium	0.3245	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.15E-04
14407	68105	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
14410	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14460	68105	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
14492	68105	Cadmium	0.272	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.32E-04
14525	68105	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
14528	68105	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
14536	68105	Cadmium	0.665	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
14544	68105	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
14556	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14557	68105	Cadmium	0.251	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.99E-04
14577	68105	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
14602	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
14647	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
14656	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
14688	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14718	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14739	68105	Cadmium	0.2745	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.36E-04
14752	68105	Cadmium	3.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.04E-03
14780	68105	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
14817	68105	Cadmium	0.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.05E-04
14823	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14860	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14885	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14913	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14959	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14964	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
14976	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
14992	68105	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
15003	68105	Cadmium	1.745	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.77E-03
15044	68105	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
15045	68105	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
15058	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
15060	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15091	68105	Cadmium	3.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.40E-03
15106	68105	Cadmium	2.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.72E-03
15166	68105	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
15227	68105	Cadmium	0.472	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.50E-04
15231	68105	Cadmium	0.2735	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.34E-04
15255	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15278	68105	Cadmium	0.558	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.86E-04
15279	68105	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
15292	68105	Cadmium	0.2935	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.66E-04
15299	68105	Cadmium	0.262	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.16E-04
15308	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
15317	68105	Cadmium	0.2905	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.61E-04
15329	68105	Cadmium	0.403	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.40E-04
15336	68105	Cadmium	0.2435	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.87E-04
15348	68105	Cadmium	3.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.80E-03
15363	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15372	68105	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
15416	68105	Cadmium	3.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15587	68105	Cadmium	0.505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.02E-04
15611	68105	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
15651	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15686	68105	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
15695	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15728	68105	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
15801	68105	Cadmium	4.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.67E-03
15835	68105	Cadmium	0.715	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.14E-03
15842	68105	Cadmium	2.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.13E-03
15871	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15891	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
15918	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15959	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15985	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
15988	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
16027	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16072	68105	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
16094	68105	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
16098	68105	Cadmium	2.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.70E-03
16123	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
16155	68105	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
16169	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16182	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16186	68105	Cadmium	0.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.06E-03
16230	68105	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
16236	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16243	68105	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
16271	68105	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
16308	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
16309	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16321	68105	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
16333	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16364	68105	Cadmium	0.724	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
16365	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
16384	68105	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
16395	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
16420	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
16472	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
16473	68105	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
16478	68105	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.48E-03
16486	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
16499	68105	Cadmium	2.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.48E-03
16545	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16572	68105	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
16589	68105	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
16618	68105	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
16646	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16668	68105	Cadmium	0.772	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
16749	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16772	68105	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
16777	68105	Cadmium	0.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.08E-04
16793	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
16851	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16866	68105	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
16869	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16889	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16893	68105	Cadmium	2.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.38E-03
16922	68105	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
16928	68105	Cadmium	2.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.24E-03
16946	68105	Cadmium	3.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.97E-03
16963	68105	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
16974	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
17040	68105	Cadmium	5.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.66E-03
17055	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
17065	68105	Cadmium	0.722	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
17076	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
17097	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17108	68105	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
17142	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17179	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
17198	68105	Cadmium	1.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.18E-03
17199	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17270	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17298	68105	Cadmium	1.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.53E-03
17300	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17348	68105	Cadmium	2.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.43E-03
17374	68105	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
17379	68105	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
17542	68105	Cadmium	2.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.24E-03
17557	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
17719	68105	Cadmium	0.339	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.38E-04
17725	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
17745	68105	Cadmium	0.635	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL						TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME				(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17876	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17899	68105	Cadmium	0.2465	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.92E-04
17918	68105	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
17934	68105	Cadmium	0.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.05E-04
17935	68105	Cadmium	0.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
18036	68105	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.65E-04
18133	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18147	68105	Cadmium	1.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.91E-03
18177	68105	Cadmium	0.244	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.88E-04
18187	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
18189	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18281	68105	Cadmium	0.95	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.51E-03
18321	68105	Cadmium	0.282	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.48E-04
18349	68105	Cadmium	2.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.16E-03
18452	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18453	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18469	68105	Cadmium	2.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.24E-03
18499	68105	Cadmium	0.412	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.54E-04
18561	68105	Cadmium	3.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.40E-03
18573	68105	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
18598	68105	Cadmium	4.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.37E-03
18610	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18654	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18661	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
18673	68105	Cadmium	1.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.18E-03
18676	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18693	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
18757	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18787	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18797	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18825	68105	Cadmium	1.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.41E-03
18839	68105	Cadmium	0.2565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.07E-04
18871	68105	Cadmium	0.2505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.98E-04
18882	68105	Cadmium	1.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.61E-03
18898	68105	Cadmium	0.968	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.54E-03
18927	68105	Cadmium	1.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.00E-03
18934	68105	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
19015	68105	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
19028	68105	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
19127	68105	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
19129	68105	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
19169	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
19288	68105	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
19310	68105	Cadmium	2.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.00E-03
19334	68105	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
19344	68105	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
19448	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
19485	68105	Cadmium	0.845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
19489	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
19496	68105	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
19561	68105	Cadmium	1.87	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.97E-03
19602	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
19612	68105	Cadmium	2.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.69E-03
19655	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
19671	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
19676	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
19728	68105	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
19729	68105	Cadmium	2.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.19E-03
19768	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
19787	68105	Cadmium	4.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.77E-03
19791	68105	Cadmium	1.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.73E-03
19812	68105	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
19831	68105	Cadmium	6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.53E-03
19839	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
19858	68105	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
19864	68105	Cadmium	2.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.29E-03
19915	68105	Cadmium	0.295	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.69E-04
19923	68105	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
19932	68105	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
19938	68105	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
19972	68105	Cadmium	1.96	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.11E-03
19976	68105	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
19987	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
20069	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20080	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20105	68105	Cadmium	1.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.89E-03
20110	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
20128	68105	Cadmium	2.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.88E-03
20170	68105	Cadmium	1.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.89E-03
20218	68105	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
20236	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20313	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20315	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL						TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME				(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
20470	68105	Cadmium	1.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.84E-03
20471	68105	Cadmium	0.752	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
20477	68105	Cadmium	0.2935	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.66E-04
20506	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20510	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20535	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20545	68105	Cadmium	1.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.08E-03
20557	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
20584	68105	Cadmium	0.3005	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.77E-04
20590	68105	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
20603	68105	Cadmium	0.2585	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.11E-04
20610	68105	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
20612	68105	Cadmium	1.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	2E-02	2.78E-03
20656	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20674	68105	Cadmium	3.87	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	8E-04	--	--	--	--	6E-02	6.15E-03
20685	68105	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
20702	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20759	68105	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
20777	68105	Cadmium	0.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
20823	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20845	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20856	68105	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
20883	68105	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
20908	68105	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
20925	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
20945	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20961	68105	Cadmium	1.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.56E-03
20964	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21005	68105	Cadmium	0.2705	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.30E-04
21012	68105	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
21019	68105	Cadmium	0.988	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
21053	68105	Cadmium	0.685	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.09E-03
21064	68105	Cadmium	2.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.69E-03
21068	68105	Cadmium	0.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
21079	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21097	68105	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
21110	68105	Cadmium	0.364	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.78E-04
21136	68105	Cadmium	2.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.11E-03
21143	68105	Cadmium	1.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.83E-03
21148	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21150	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21265	68105	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
21268	68105	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
21283	68105	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
21309	68105	Cadmium	0.277	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.40E-04
21336	68105	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
21355	68105	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
21390	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21394	68105	Cadmium	0.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.92E-04
21436	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21454	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21490	68105	Cadmium	0.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.90E-04
21498	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21513	68105	Cadmium	2.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.18E-03
21535	68105	Cadmium	1.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.08E-03
21551	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21560	68105	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
21565	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21578	68105	Cadmium	3.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.84E-03
21609	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21614	68105	Cadmium	2.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.26E-03
21625	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21653	68105	Cadmium	0.727	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
21677	68105	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
21689	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21705	68105	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
21714	68105	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
21720	68105	Cadmium	2.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.54E-03
21724	68105	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
21730	68105	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
21744	68105	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
21811	68105	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
21815	68105	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
21822	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
21836	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21881	68105	Cadmium	0.2905	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.61E-04
21884	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21901	68105	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
21916	68105	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
21925	68105	Cadmium	0.2615	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.15E-04
21941	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
21956	68105	Cadmium	1.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.68E-03
21981	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22024	68105	Cadmium	1.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.76E-03
22025	68105	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
22027	68105	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
22034	68105	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
22036	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22039	68105	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
22044	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22046	68105	Cadmium	1.98	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.15E-03
22056	68105	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
22061	68105	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
22074	68105	Cadmium	2.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.43E-03
22079	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22080	68105	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
22177	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22181	68105	Cadmium	0.875	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.39E-03
22183	68105	Cadmium	0.92	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.46E-03
22230	68105	Cadmium	1.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.57E-03
22273	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22295	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22320	68105	Cadmium	0.595	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	8E-03	9.45E-04
22344	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22358	68105	Cadmium	1.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.43E-03
22386	68105	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
22399	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22405	68105	Cadmium	2.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.35E-03
22453	68105	Cadmium	2.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.53E-03
22563	68105	Cadmium	1.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.80E-03
22574	68105	Cadmium	3.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.13E-03
22636	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
22715	68105	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
22716	68105	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
22754	68105	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
22772	68105	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
22832	68105	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.22E-04
49272	68105	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
49289	68105	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50528	68105	Cadmium	0.486	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.72E-04
50574	68105	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
90427	68105	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
93120	68105	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
93354	68105	Cadmium	4.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.83E-03
93358	68105	Cadmium	4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.35E-03
93364	68105	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
93381	68105	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
51011	68106	Cadmium	7.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.22E-02
51029	68106	Cadmium	0.605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.61E-04
51034	68106	Cadmium	0.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.06E-03
51037	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51041	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51046	68106	Cadmium	0.535	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.50E-04
51047	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51052	68106	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
51058	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51064	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51065	68106	Cadmium	1.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.26E-03
51079	68106	Cadmium	0.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.05E-03
51080	68106	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
51082	68106	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
51089	68106	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
51093	68106	Cadmium	0.3865	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	8E-05	--	--	--	--	5E-03	6.14E-04
51101	68106	Cadmium	0.775	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
51102	68106	Cadmium	0.745	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
51113	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51116	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51118	68106	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
51120	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51123	68106	Cadmium	0.525	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	7E-03	8.34E-04
51126	68106	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
51127	68106	Cadmium	0.555	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.82E-04
51132	68106	Cadmium	0.595	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	8E-03	9.45E-04
51133	68106	Cadmium	0.973	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.55E-03
51143	68106	Cadmium	0.635	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.01E-03
51155	68106	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
51158	68106	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51160	68106	Cadmium	0.4045	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.43E-04
51162	68106	Cadmium	0.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.37E-04
51184	68106	Cadmium	0.655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.04E-03
2030	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
2038	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2056	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2104	68107	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
2124	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2167	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2292	68107	Cadmium	0.669	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.06E-03
2496	68107	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
2499	68107	Cadmium	2.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.56E-03
3003	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
3021	68107	Cadmium	1.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.59E-03
3074	68107	Cadmium	0.644	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
3121	68107	Cadmium	0.972	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.54E-03
5066	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5076	68107	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
5130	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
5157	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
5159	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
5161	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5163	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5165	68107	Cadmium	1.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.73E-03
5166	68107	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
5172	68107	Cadmium	1.93	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.07E-03
5176	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5178	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5180	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
5182	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5183	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5185	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5211	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5212	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10008	68107	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
10018	68107	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
10044	68107	Cadmium	0.282	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.48E-04
10046	68107	Cadmium	6.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	1E-03	--	--	--	--	1E-01	1.08E-02
10072	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
10073	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10088	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10095	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10111	68107	Cadmium	3.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.10E-03
10130	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
10134	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10214	68107	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
10241	68107	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
10290	68107	Cadmium	0.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.21E-04
10295	68107	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
10299	68107	Cadmium	1.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.16E-03
10310	68107	Cadmium	2.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.42E-03
10328	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10329	68107	Cadmium	1.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.80E-03
10387	68107	Cadmium	2.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.35E-03
10401	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
10403	68107	Cadmium	0.293	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.65E-04
10425	68107	Cadmium	0.866	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
10432	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10455	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
10458	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10468	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10471	68107	Cadmium	0.755	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.20E-03
10484	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10492	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10500	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
10508	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
10513	68107	Cadmium	1.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.53E-03
10538	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
10543	68107	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
10548	68107	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
10578	68107	Cadmium	2.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.78E-03
10582	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10622	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10633	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10650	68107	Cadmium	0.725	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
10654	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10662	68107	Cadmium	0.254	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.03E-04
10670	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10687	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
10707	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10720	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
10735	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
10738	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10794	68107	Cadmium	3.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.37E-03
10814	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10822	68107	Cadmium	1.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.72E-03
10831	68107	Cadmium	1.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.16E-03
10834	68107	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
10842	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10848	68107	Cadmium	0.486	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.72E-04
10858	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10860	68107	Cadmium	0.765	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10895	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10909	68107	Cadmium	0.994	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.58E-03
10914	68107	Cadmium	0.685	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.09E-03
10920	68107	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.16E-04
10925	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
10931	68107	Cadmium	0.256	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.07E-04
10938	68107	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.09E-04
10944	68107	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
10947	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10950	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10965	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
10970	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
10990	68107	Cadmium	2.92	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.64E-03
10991	68107	Cadmium	1.85	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.94E-03
11036	68107	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
11069	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11070	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11082	68107	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
11094	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
11107	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11118	68107	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
11142	68107	Cadmium	2.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.37E-03
11155	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
11172	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11179	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
11191	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
11194	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11203	68107	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
11208	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11222	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
11230	68107	Cadmium	0.303	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.81E-04
11232	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11233	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11246	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11258	68107	Cadmium	0.98	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
11268	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11272	68107	Cadmium	0.251	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.99E-04
11283	68107	Cadmium	0.702	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.12E-03
11303	68107	Cadmium	2.93	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.65E-03
11309	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11312	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11321	68107	Cadmium	0.734	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.17E-03
11343	68107	Cadmium	6.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	1E-03	--	--	--	--	1E-01	1.08E-02
11349	68107	Cadmium	0.2605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.14E-04
11367	68107	Cadmium	0.745	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
11372	68107	Cadmium	2.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.67E-03
11385	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
11387	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11400	68107	Cadmium	2.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.75E-03
11403	68107	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
11408	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
11410	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11416	68107	Cadmium	2.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.51E-03
11423	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11439	68107	Cadmium	0.95	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.51E-03
11444	68107	Cadmium	1.195	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.90E-03
11449	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11465	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
11469	68107	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
11491	68107	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
11494	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11523	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11552	68107	Cadmium	0.979	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
11558	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11568	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11599	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11601	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
11603	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
11604	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11609	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11614	68107	Cadmium	2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.18E-03
11661	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11686	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11711	68107	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
11741	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11754	68107	Cadmium	2.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.61E-03
11765	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
11777	68107	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
11807	68107	Cadmium	0.2335	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.71E-04
11829	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
11842	68107	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
11865	68107	Cadmium	3.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.21E-03
11894	68107	Cadmium	0.943	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11982	68107	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
12002	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
12009	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12012	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
12037	68107	Cadmium	2.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.78E-03
12047	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
12086	68107	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
12114	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12116	68107	Cadmium	0.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.54E-03
12118	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12124	68107	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.65E-04
12126	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12152	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12166	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
12194	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
12206	68107	Cadmium	0.525	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	7E-03	8.34E-04
12220	68107	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
12227	68107	Cadmium	3.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.80E-03
12239	68107	Cadmium	3.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.05E-03
12290	68107	Cadmium	0.4465	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.09E-04
12296	68107	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
12338	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
12344	68107	Cadmium	1.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.56E-03
12351	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12372	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
12388	68107	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
12407	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12410	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12414	68107	Cadmium	4.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.48E-03
12424	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
12439	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
12449	68107	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.09E-04
12457	68107	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
12506	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
12514	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12529	68107	Cadmium	2.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.35E-03
12530	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12547	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12551	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12567	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
12572	68107	Cadmium	1.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.27E-03
12588	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12590	68107	Cadmium	0.359	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.70E-04
12605	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
12644	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
12667	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
12714	68107	Cadmium	0.746	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
12729	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
12741	68107	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
12755	68107	Cadmium	0.2485	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.95E-04
12761	68107	Cadmium	0.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
12794	68107	Cadmium	2.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.59E-03
12830	68107	Cadmium	0.85	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.35E-03
12848	68107	Cadmium	8.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.36E-02
12858	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.46E-04
12871	68107	Cadmium	4.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.51E-03
13038	68107	Cadmium	4.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.51E-03
13045	68107	Cadmium	0.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.08E-03
43676	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
43691	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
43698	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.46E-04
43703	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
43711	68107	Cadmium	0.2975	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.73E-04
43729	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
43736	68107	Cadmium	3.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.97E-03
43744	68107	Cadmium	0.2885	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.58E-04
43746	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
43771	68107	Cadmium	0.894	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.42E-03
43790	68107	Cadmium	0.2995	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.76E-04
43793	68107	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
43800	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
43813	68107	Cadmium	0.4285	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.81E-04
43843	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
43853	68107	Cadmium	0.681	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.08E-03
43869	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
43874	68107	Cadmium	2.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.29E-03
43892	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
43912	68107	Cadmium	0.4265	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.77E-04
43933	68107	Cadmium	0.321	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.10E-04
43942	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
43945	68107	Cadmium	0.88	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.40E-03
43949	68107	Cadmium	1.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.91E-03
43962	68107	Cadmium	1.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44047	68107	Cadmium	0.628	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.98E-04
44063	68107	Cadmium	0.606	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.63E-04
44066	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
44076	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
44104	68107	Cadmium	2.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.61E-03
44107	68107	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
44112	68107	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
44127	68107	Cadmium	0.871	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
44130	68107	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
44133	68107	Cadmium	3.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.04E-03
44137	68107	Cadmium	4.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.39E-03
44145	68107	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
44153	68107	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
44157	68107	Cadmium	0.635	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.01E-03
44177	68107	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
44184	68107	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
44185	68107	Cadmium	0.782	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.24E-03
44198	68107	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
44202	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.65E-03
44220	68107	Cadmium	0.865	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
44225	68107	Cadmium	2.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.13E-03
44233	68107	Cadmium	0.649	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.03E-03
44236	68107	Cadmium	2.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.27E-03
44237	68107	Cadmium	0.749	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
44248	68107	Cadmium	2.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.30E-03
44299	68107	Cadmium	1.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	2E-02	2.78E-03
44319	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
44348	68107	Cadmium	0.808	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.28E-03
44416	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
44446	68107	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
44452	68107	Cadmium	0.384	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	6.10E-04
44455	68107	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
44456	68107	Cadmium	0.275	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.37E-04
44465	68107	Cadmium	0.781	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.24E-03
44475	68107	Cadmium	1.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.91E-03
44482	68107	Cadmium	2.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.19E-03
44483	68107	Cadmium	2.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.46E-03
44490	68107	Cadmium	4.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.51E-03
44503	68107	Cadmium	0.685	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.09E-03
44507	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
44508	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
44519	68107	Cadmium	0.675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
44526	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
44528	68107	Cadmium	2.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.73E-03
44529	68107	Cadmium	0.708	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.12E-03
44531	68107	Cadmium	1.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.80E-03
44536	68107	Cadmium	1.87	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.97E-03
44539	68107	Cadmium	2.92	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.64E-03
44546	68107	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
44549	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.46E-04
44556	68107	Cadmium	2.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.13E-03
44567	68107	Cadmium	0.445	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.07E-04
44578	68107	Cadmium	0.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.58E-04
44581	68107	Cadmium	0.2835	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.50E-04
44589	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
44590	68107	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
44592	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
44597	68107	Cadmium	4.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.78E-03
44617	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
44619	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
44623	68107	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
44626	68107	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
44636	68107	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
44640	68107	Cadmium	0.864	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
44644	68107	Cadmium	0.2645	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.20E-04
44668	68107	Cadmium	0.515	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.18E-04
44700	68107	Cadmium	0.723	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
44711	68107	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
44725	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
44727	68107	Cadmium	0.3035	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.82E-04
44738	68107	Cadmium	0.395	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.27E-04
44740	68107	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
44741	68107	Cadmium	2.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.27E-03
44747	68107	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
44753	68107	Cadmium	0.909	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.44E-03
44755	68107	Cadmium	0.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.37E-04
44756	68107	Cadmium	0.465	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.39E-04
44768	68107	Cadmium	0.905	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.44E-03
44790	68107	Cadmium	0.2755	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.38E-04
44798	68107	Cadmium	0.764	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.21E-03
44810	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
44814	68107	Cadmium	2.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.19E-03
44822	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44902	68107	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
44923	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
44927	68107	Cadmium	0.786	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.25E-03
44935	68107	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
44939	68107	Cadmium	0.732	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.16E-03
44943	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
44955	68107	Cadmium	0.3715	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.90E-04
44959	68107	Cadmium	0.297	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.72E-04
44969	68107	Cadmium	0.3315	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.27E-04
44979	68107	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
44980	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
44984	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
44987	68107	Cadmium	0.775	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
44996	68107	Cadmium	0.794	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.26E-03
45004	68107	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
45005	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45018	68107	Cadmium	0.267	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.24E-04
45020	68107	Cadmium	6.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.03E-02
45023	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
45034	68107	Cadmium	0.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.62E-04
45044	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45056	68107	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
45072	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45073	68107	Cadmium	0.602	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.56E-04
45077	68107	Cadmium	2.85	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.53E-03
45078	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45084	68107	Cadmium	0.692	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
45118	68107	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.16E-04
45147	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
45150	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45156	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45166	68107	Cadmium	0.979	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
45167	68107	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
45183	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
45188	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45195	68107	Cadmium	1.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.73E-03
45199	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45206	68107	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
45213	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
45223	68107	Cadmium	0.724	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
45227	68107	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
45236	68107	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
45244	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
45259	68107	Cadmium	1.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.18E-03
45265	68107	Cadmium	0.751	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
45269	68107	Cadmium	0.605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.61E-04
45298	68107	Cadmium	0.337	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.35E-04
45300	68107	Cadmium	3.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.66E-03
45303	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45304	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
45305	68107	Cadmium	0.267	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.24E-04
45321	68107	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
45343	68107	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
45350	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45356	68107	Cadmium	0.753	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.20E-03
45364	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45370	68107	Cadmium	0.293	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.65E-04
45390	68107	Cadmium	0.713	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.13E-03
45393	68107	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
45404	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
45411	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45423	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45424	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45447	68107	Cadmium	0.3005	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.77E-04
45458	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45460	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45475	68107	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
45484	68107	Cadmium	2.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.35E-03
45487	68107	Cadmium	1.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.13E-03
45494	68107	Cadmium	0.2875	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.57E-04
45495	68107	Cadmium	0.292	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.64E-04
45503	68107	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
45530	68107	Cadmium	0.472	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.50E-04
45533	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
45564	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45566	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45574	68107	Cadmium	0.728	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.16E-03
45584	68107	Cadmium	0.713	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.13E-03
45608	68107	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
45609	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45624	68107	Cadmium	2.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.67E-03
45626	68107	Cadmium	0.705	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.12E-03
45645	68107	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45678	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45698	68107	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.92E-04
45724	68107	Cadmium	0.3155	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	4E-03	5.01E-04
45725	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45728	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45739	68107	Cadmium	2.98	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.73E-03
45741	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
45747	68107	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.52E-04
45764	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
45767	68107	Cadmium	3.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.32E-03
45770	68107	Cadmium	0.2795	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.44E-04
45786	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
45787	68107	Cadmium	0.666	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
45789	68107	Cadmium	0.284	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.51E-04
45811	68107	Cadmium	0.603	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.58E-04
45822	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
45837	68107	Cadmium	0.2725	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.33E-04
45840	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45849	68107	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
45854	68107	Cadmium	0.3145	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	4E-03	5.00E-04
45883	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45906	68107	Cadmium	0.274	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.35E-04
45921	68107	Cadmium	2.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.67E-03
45923	68107	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.92E-04
45927	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45955	68107	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
45970	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45984	68107	Cadmium	0.619	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.83E-04
45988	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
45999	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
46035	68107	Cadmium	1.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.95E-03
46049	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46050	68107	Cadmium	0.645	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
46052	68107	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
46071	68107	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
46073	68107	Cadmium	0.96	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.52E-03
46091	68107	Cadmium	0.774	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
46103	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46107	68107	Cadmium	6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.53E-03
46118	68107	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
46122	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46127	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46133	68107	Cadmium	0.575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.13E-04
46145	68107	Cadmium	0.807	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.28E-03
46150	68107	Cadmium	0.447	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.10E-04
46164	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46168	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
46180	68107	Cadmium	2.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.73E-03
46187	68107	Cadmium	4.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.77E-03
46210	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
46214	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46241	68107	Cadmium	0.898	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.43E-03
46247	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
46260	68107	Cadmium	0.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.58E-04
46279	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
46297	68107	Cadmium	0.695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
46346	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46347	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46363	68107	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
46368	68107	Cadmium	0.2755	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.38E-04
46380	68107	Cadmium	0.805	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.28E-03
46399	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.65E-03
46423	68107	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
46432	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
46448	68107	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
46461	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46469	68107	Cadmium	0.984	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
46472	68107	Cadmium	0.799	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.27E-03
46473	68107	Cadmium	0.935	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.49E-03
46474	68107	Cadmium	4.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.02E-03
46478	68107	Cadmium	2.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.37E-03
46490	68107	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
46493	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
46494	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
46498	68107	Cadmium	2.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.27E-03
46505	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
46509	68107	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
46527	68107	Cadmium	0.734	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.17E-03
46566	68107	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
46579	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46583	68107	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
46610	68107	Cadmium	2.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.16E-03
46626	68107	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER	CANCER		RISK FROM INGESTION OF SOIL					NONCANCER	CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME		NONCANCER HQ_RME		CANCER RISK_RME			RME	RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46664	68107	Cadmium	0.767	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.22E-03
46672	68107	Cadmium	0.865	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
46673	68107	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
46683	68107	Cadmium	0.821	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.30E-03
46698	68107	Cadmium	0.605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.61E-04
46699	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46708	68107	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
46712	68107	Cadmium	2.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.10E-03
46725	68107	Cadmium	0.955	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.52E-03
46727	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.65E-03
46731	68107	Cadmium	0.845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
46743	68107	Cadmium	2.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.45E-03
46763	68107	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
46764	68107	Cadmium	0.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.90E-04
46772	68107	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
46776	68107	Cadmium	0.96	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.52E-03
46792	68107	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
46794	68107	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
46805	68107	Cadmium	3.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.20E-03
46808	68107	Cadmium	2.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.29E-03
46815	68107	Cadmium	2.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.30E-03
46835	68107	Cadmium	0.239	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.80E-04
46852	68107	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
46857	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46864	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46867	68107	Cadmium	2.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.42E-03
46893	68107	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
46916	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46919	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
46934	68107	Cadmium	4.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.20E-03
46954	68107	Cadmium	3.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.94E-03
46964	68107	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
46976	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
46994	68107	Cadmium	2.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.05E-03
46998	68107	Cadmium	0.423	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.72E-04
47021	68107	Cadmium	1.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.26E-03
47030	68107	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
47038	68107	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
47046	68107	Cadmium	2.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.19E-03
47047	68107	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
47052	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47058	68107	Cadmium	4.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.62E-03
47088	68107	Cadmium	2.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.32E-03
47090	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47106	68107	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
47139	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
47140	68107	Cadmium	1.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.68E-03
47147	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47148	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47149	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
47163	68107	Cadmium	6.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	1E-03	--	--	--	--	1E-01	1.08E-02
47172	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
47179	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47181	68107	Cadmium	3.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.20E-03
47196	68107	Cadmium	6.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	1E-03	--	--	--	--	1E-01	1.06E-02
47203	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
47206	68107	Cadmium	3.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.40E-03
47215	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47216	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
47217	68107	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
47218	68107	Cadmium	3.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.94E-03
47223	68107	Cadmium	0.897	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.42E-03
47249	68107	Cadmium	3.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.45E-03
47250	68107	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
47259	68107	Cadmium	3.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.46E-03
47274	68107	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
47275	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47279	68107	Cadmium	0.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.43E-03
47291	68107	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
47293	68107	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
47296	68107	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
47311	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47312	68107	Cadmium	0.786	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.25E-03
47315	68107	Cadmium	0.805	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.28E-03
47320	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47322	68107	Cadmium	2.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.37E-03
47338	68107	Cadmium	7.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.19E-02
47339	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47356	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47368	68107	Cadmium	1.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.51E-03
47380	68107	Cadmium	0.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.85E-04
47382	68107	Cadmium	5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.94E-03
47385	68107	Cadmium	0.863	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47425	68107	Cadmium	0.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.42E-04
47440	68107	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
47452	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47475	68107	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
47485	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47511	68107	Cadmium	2.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.13E-03
47514	68107	Cadmium	0.843	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
47518	68107	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
47526	68107	Cadmium	0.958	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.52E-03
47544	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47553	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47565	68107	Cadmium	0.935	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.49E-03
47566	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47604	68107	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
47610	68107	Cadmium	0.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
47617	68107	Cadmium	1.95	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.10E-03
47621	68107	Cadmium	2.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.21E-03
47627	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47649	68107	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
47656	68107	Cadmium	0.916	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.46E-03
47670	68107	Cadmium	1.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.41E-03
47681	68107	Cadmium	8.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.32E-02
47706	68107	Cadmium	0.281	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.46E-04
47708	68107	Cadmium	0.749	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
47761	68107	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
47768	68107	Cadmium	3.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.94E-03
47783	68107	Cadmium	5.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.29E-03
47795	68107	Cadmium	0.278	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.42E-04
47797	68107	Cadmium	4.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.67E-03
47811	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
47813	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47816	68107	Cadmium	3.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.00E-03
47820	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
47838	68107	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
47841	68107	Cadmium	6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.53E-03
47860	68107	Cadmium	4.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.70E-03
47867	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47886	68107	Cadmium	5.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.85E-03
47895	68107	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
47924	68107	Cadmium	3.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.46E-03
47930	68107	Cadmium	2.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.50E-03
47934	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
47939	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
47952	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
47966	68107	Cadmium	0.2815	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.47E-04
47969	68107	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
48003	68107	Cadmium	3.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.34E-03
48006	68107	Cadmium	3.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.78E-03
48014	68107	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
48016	68107	Cadmium	0.299	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.75E-04
48018	68107	Cadmium	3.87	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	8E-04	--	--	--	--	6E-02	6.15E-03
48036	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
48043	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
48048	68107	Cadmium	3.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	4E-02	5.02E-03
48056	68107	Cadmium	3.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.70E-03
48092	68107	Cadmium	1.96	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.11E-03
48116	68107	Cadmium	4.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.50E-03
48118	68107	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
48120	68107	Cadmium	3.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.73E-03
48135	68107	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
48141	68107	Cadmium	1.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.08E-03
48150	68107	Cadmium	2.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.96E-03
48167	68107	Cadmium	2.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.48E-03
48232	68107	Cadmium	0.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.08E-03
48245	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48261	68107	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
48271	68107	Cadmium	5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.94E-03
48292	68107	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
48308	68107	Cadmium	6.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.66E-03
48327	68107	Cadmium	0.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.06E-03
48334	68107	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
48341	68107	Cadmium	0.535	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.50E-04
48359	68107	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
48367	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
48368	68107	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
48380	68107	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
48416	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48418	68107	Cadmium	0.4415	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.01E-04
48434	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48494	68107	Cadmium	0.845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
48495	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48508	68107	Cadmium	0.266	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.23E-04
48510	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48583	68107	Cadmium	0.989	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
48589	68107	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
48593	68107	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
48596	68107	Cadmium	0.555	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.82E-04
48620	68107	Cadmium	4.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.31E-03
48636	68107	Cadmium	0.655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.04E-03
48639	68107	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
48641	68107	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
48654	68107	Cadmium	2.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.67E-03
48661	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
48668	68107	Cadmium	0.291	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.62E-04
48674	68107	Cadmium	0.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.26E-04
48685	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48694	68107	Cadmium	0.4125	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.55E-04
48708	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
48715	68107	Cadmium	2.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.69E-03
48721	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
48733	68107	Cadmium	0.862	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
48736	68107	Cadmium	2.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.26E-03
48747	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48768	68107	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
48798	68107	Cadmium	1.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	2E-02	2.78E-03
48815	68107	Cadmium	2.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.65E-03
48821	68107	Cadmium	1.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.80E-03
48836	68107	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
48846	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48855	68107	Cadmium	1.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.72E-03
48871	68107	Cadmium	0.555	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.82E-04
48886	68107	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
48900	68107	Cadmium	0.335	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.32E-04
48904	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48944	68107	Cadmium	0.843	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
48952	68107	Cadmium	0.595	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	8E-03	9.45E-04
48963	68107	Cadmium	0.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
48973	68107	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
48975	68107	Cadmium	2.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.99E-03
48977	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
48999	68107	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
49012	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49036	68107	Cadmium	0.505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.02E-04
49070	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49081	68107	Cadmium	0.696	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
49082	68107	Cadmium	1.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.56E-03
49085	68107	Cadmium	0.2585	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.11E-04
49098	68107	Cadmium	0.264	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.19E-04
49117	68107	Cadmium	0.304	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.83E-04
49126	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49167	68107	Cadmium	1.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.00E-03
49208	68107	Cadmium	0.2745	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.36E-04
49239	68107	Cadmium	4.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.18E-03
49249	68107	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.16E-04
49371	68107	Cadmium	0.889	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.41E-03
49383	68107	Cadmium	0.896	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.42E-03
49395	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49404	68107	Cadmium	2.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	3E-02	3.89E-03
49435	68107	Cadmium	0.676	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
49439	68107	Cadmium	0.2895	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.60E-04
49441	68107	Cadmium	0.3885	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	8E-05	--	--	--	--	6E-03	6.17E-04
49444	68107	Cadmium	0.273	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.34E-04
50137	68107	Cadmium	2.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.35E-03
50139	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50140	68107	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
50141	68107	Cadmium	2.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.51E-03
50144	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
50158	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
50185	68107	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
50191	68107	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
50192	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50193	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50214	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
50243	68107	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
50244	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50246	68107	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
50249	68107	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
50276	68107	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
50284	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50286	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50292	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50293	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
50294	68107	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
50299	68107	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
50300	68107	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50313	68107	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50360	68107	Cadmium	1.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.18E-03
50361	68107	Cadmium	1.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.86E-03
50362	68107	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
50537	68107	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
76891	68107	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
89377	68107	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
89408	68107	Cadmium	6.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.00E-02
2170	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2518	68108	Cadmium	3.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.86E-03
2521	68108	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
2522	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
2527	68108	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
2532	68108	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
5225	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5227	68108	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
5229	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5284	68108	Cadmium	2.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.08E-03
5300	68108	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
5304	68108	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
5306	68108	Cadmium	1.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.56E-03
5332	68108	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
5387	68108	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
5390	68108	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
5394	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
5395	68108	Cadmium	2.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.40E-03
5398	68108	Cadmium	2.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.56E-03
5403	68108	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
5407	68108	Cadmium	1.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.16E-03
5408	68108	Cadmium	2.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.45E-03
5409	68108	Cadmium	0.1105	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-04	2E-05	--	--	--	--	2E-03	1.76E-04
5416	68108	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
5418	68108	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
5422	68108	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
5425	68108	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
5426	68108	Cadmium	0.686	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.09E-03
5427	68108	Cadmium	1.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.68E-03
5429	68108	Cadmium	0.869	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
5431	68108	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
5432	68108	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
5449	68108	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
5450	68108	Cadmium	1.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.13E-03
5454	68108	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
5460	68108	Cadmium	0.987	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
5463	68108	Cadmium	0.548	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.70E-04
5467	68108	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
5472	68108	Cadmium	0.747	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
5473	68108	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
5474	68108	Cadmium	0.896	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.42E-03
5480	68108	Cadmium	1.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.16E-03
5483	68108	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
5485	68108	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
5492	68108	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
5505	68108	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
5572	68108	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
5607	68108	Cadmium	0.643	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
5608	68108	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
5623	68108	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
5628	68108	Cadmium	0.857	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.36E-03
5630	68108	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
5636	68108	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
5637	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
5652	68108	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
12816	68108	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
12859	68108	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
12926	68108	Cadmium	3.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.15E-03
12947	68108	Cadmium	0.813	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.29E-03
13102	68108	Cadmium	0.268	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.26E-04
13164	68108	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
13184	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
13189	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13239	68108	Cadmium	0.274	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.35E-04
13267	68108	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
13436	68108	Cadmium	0.4025	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.39E-04
13485	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13529	68108	Cadmium	2.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.16E-03
13530	68108	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.28E-04
13536	68108	Cadmium	2.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.51E-03
13575	68108	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
13645	68108	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
13661	68108	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
13674	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13675	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
13760	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14076	68108	Cadmium	0.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.05E-03
14079	68108	Cadmium	0.2535	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.03E-04
14130	68108	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
14140	68108	Cadmium	2.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.94E-03
14203	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14270	68108	Cadmium	0.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.37E-04
14279	68108	Cadmium	0.728	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.16E-03
14290	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14438	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14449	68108	Cadmium	6.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.02E-02
14481	68108	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
14486	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14497	68108	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
14537	68108	Cadmium	3.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.89E-03
14545	68108	Cadmium	2.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.49E-03
14576	68108	Cadmium	2.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.03E-03
14578	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14617	68108	Cadmium	0.742	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
14660	68108	Cadmium	1.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.73E-03
14692	68108	Cadmium	0.284	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.51E-04
14720	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14818	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14825	68108	Cadmium	9.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.54E-02
14849	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
14855	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14878	68108	Cadmium	0.282	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.48E-04
14914	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
14998	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15001	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15051	68108	Cadmium	1.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.80E-03
15053	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15116	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
15135	68108	Cadmium	3.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.73E-03
15248	68108	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
15256	68108	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
15266	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15337	68108	Cadmium	0.988	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
15443	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15468	68108	Cadmium	0.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.29E-04
15601	68108	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
15603	68108	Cadmium	3.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.78E-03
15687	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15748	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
15768	68108	Cadmium	0.313	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.97E-04
15915	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15939	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
15955	68108	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
15966	68108	Cadmium	0.785	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.25E-03
15980	68108	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
16006	68108	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
16126	68108	Cadmium	0.249	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.96E-04
16135	68108	Cadmium	0.2295	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.65E-04
16137	68108	Cadmium	0.319	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.07E-04
16145	68108	Cadmium	0.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.45E-04
16261	68108	Cadmium	0.975	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.55E-03
16267	68108	Cadmium	0.759	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.21E-03
16319	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
16349	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16446	68108	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
16530	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
16556	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16581	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16595	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16599	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
16711	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
16813	68108	Cadmium	0.306	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.86E-04
16973	68108	Cadmium	0.364	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.78E-04
17004	68108	Cadmium	3.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.04E-03
17005	68108	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
17022	68108	Cadmium	2.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.03E-03
17242	68108	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
17247	68108	Cadmium	3.98	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.32E-03
17282	68108	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
17316	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17323	68108	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
17335	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17360	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17414	68108	Cadmium	0.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
17416	68108	Cadmium	1.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.26E-03
17417	68108	Cadmium	6.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.05E-02
17418	68108	Cadmium	7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.11E-02
17461	68108	Cadmium	5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.94E-03
17498	68108	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17701	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17703	68108	Cadmium	1.125	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
17732	68108	Cadmium	3.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	4E-02	5.02E-03
17778	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17840	68108	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.22E-04
17849	68108	Cadmium	0.604	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.59E-04
17861	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17864	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17865	68108	Cadmium	0.253	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.02E-04
17908	68108	Cadmium	4.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.04E-03
17945	68108	Cadmium	0.2755	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.38E-04
17963	68108	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
17968	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
17985	68108	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
18129	68108	Cadmium	0.229	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.64E-04
18148	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
18179	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18198	68108	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
18218	68108	Cadmium	2.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.80E-03
18222	68108	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
18249	68108	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
18328	68108	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
18330	68108	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
18339	68108	Cadmium	0.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.14E-03
18385	68108	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
18422	68108	Cadmium	4.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.15E-03
18435	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18461	68108	Cadmium	0.3025	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.81E-04
18486	68108	Cadmium	0.439	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	6.97E-04
18532	68108	Cadmium	0.915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.45E-03
18547	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18597	68108	Cadmium	2.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.86E-03
18634	68108	Cadmium	3.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.53E-03
18664	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18687	68108	Cadmium	4.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.07E-03
18691	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18697	68108	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
18712	68108	Cadmium	1.235	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.96E-03
18718	68108	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
18749	68108	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
18800	68108	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
18802	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18833	68108	Cadmium	0.3375	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.36E-04
18890	68108	Cadmium	0.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.06E-03
18903	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
18943	68108	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
18968	68108	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
18988	68108	Cadmium	0.431	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.85E-04
19030	68108	Cadmium	0.2535	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.03E-04
19116	68108	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
19126	68108	Cadmium	3.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.34E-03
19153	68108	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
19190	68108	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
19343	68108	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
19371	68108	Cadmium	0.4275	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.79E-04
19373	68108	Cadmium	0.905	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.44E-03
19417	68108	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
19440	68108	Cadmium	0.234	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.72E-04
19444	68108	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
19474	68108	Cadmium	4.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.85E-03
19640	68108	Cadmium	0.651	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.03E-03
19660	68108	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
19680	68108	Cadmium	0.2865	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.55E-04
19792	68108	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
19875	68108	Cadmium	3.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.85E-03
19920	68108	Cadmium	1.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.84E-03
19988	68108	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
20044	68108	Cadmium	3.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.86E-03
20137	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
20149	68108	Cadmium	2.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.23E-03
20168	68108	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
20169	68108	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
20244	68108	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
20285	68108	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
20287	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20344	68108	Cadmium	0.524	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	7E-03	8.32E-04
20367	68108	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
20464	68108	Cadmium	0.4985	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.92E-04
20467	68108	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
20567	68108	Cadmium	0.444	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.05E-04
20588	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
20608	68108	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
20629	68108	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
20881	68108	Cadmium	2.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.07E-03
20922	68108	Cadmium	7.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.16E-02
21123	68108	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.48E-03
21190	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21502	68108	Cadmium	2.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.32E-03
21582	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21729	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
21863	68108	Cadmium	2.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.64E-03
22203	68108	Cadmium	0.665	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
22282	68108	Cadmium	2.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.61E-03
50453	68108	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50624	68108	Cadmium	3.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.04E-03
74047	68108	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
79306	68108	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
87989	68108	Cadmium	8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.27E-02
88004	68108	Cadmium	6.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.03E-02
88031	68108	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
89842	68108	Cadmium	6.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.00E-02
90601	68108	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
92372	68108	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
93003	68108	Cadmium	6.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.85E-03
93522	68108	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
2069	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2280	68110	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
2354	68110	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
2355	68110	Cadmium	4.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.78E-03
2539	68110	Cadmium	2.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.26E-03
3136	68110	Cadmium	1.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.75E-03
5258	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5388	68110	Cadmium	0.672	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
5520	68110	Cadmium	2.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.80E-03
5525	68110	Cadmium	2.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.48E-03
5527	68110	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
5530	68110	Cadmium	0.966	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.53E-03
5532	68110	Cadmium	2.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.32E-03
5536	68110	Cadmium	0.567	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.01E-04
5541	68110	Cadmium	0.366	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.81E-04
5544	68110	Cadmium	0.124	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-04	3E-05	--	--	--	--	2E-03	1.97E-04
5546	68110	Cadmium	0.532	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.45E-04
5551	68110	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
5559	68110	Cadmium	0.855	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.36E-03
5560	68110	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
5561	68110	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
5563	68110	Cadmium	0.442	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.02E-04
5565	68110	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
5566	68110	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
5612	68110	Cadmium	2.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.40E-03
5614	68110	Cadmium	2.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.03E-03
5641	68110	Cadmium	0.863	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
5650	68110	Cadmium	3.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.34E-03
5651	68110	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
26122	68110	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
26133	68110	Cadmium	0.4405	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.00E-04
26234	68110	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
26341	68110	Cadmium	4.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.69E-03
26410	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26447	68110	Cadmium	0.515	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.18E-04
26465	68110	Cadmium	0.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.27E-03
26527	68110	Cadmium	3.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.91E-03
26550	68110	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
26762	68110	Cadmium	3.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.13E-03
27034	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27069	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27291	68110	Cadmium	0.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.41E-03
27435	68110	Cadmium	4.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	6.99E-03
27589	68110	Cadmium	2.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.59E-03
27592	68110	Cadmium	2.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.51E-03
27683	68110	Cadmium	0.818	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.30E-03
27704	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27756	68110	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
27815	68110	Cadmium	0.263	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.18E-04
27822	68110	Cadmium	0.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.90E-04
27826	68110	Cadmium	2.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.72E-03
27840	68110	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
27844	68110	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
27884	68110	Cadmium	2.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.72E-03
27907	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27927	68110	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
27984	68110	Cadmium	1.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.76E-03
28074	68110	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
28075	68110	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
28120	68110	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
28167	68110	Cadmium	0.2735	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28421	68110	Cadmium	2.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.59E-03
28455	68110	Cadmium	3.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.20E-03
28501	68110	Cadmium	0.979	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
28550	68110	Cadmium	0.446	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.08E-04
28591	68110	Cadmium	0.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.45E-03
28647	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28670	68110	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
28711	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28717	68110	Cadmium	2.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.51E-03
28726	68110	Cadmium	2.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.03E-03
28905	68110	Cadmium	0.711	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.13E-03
28977	68110	Cadmium	0.715	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.14E-03
28999	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29058	68110	Cadmium	2.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.24E-03
29063	68110	Cadmium	6.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.69E-03
29084	68110	Cadmium	2.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.30E-03
29093	68110	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
29095	68110	Cadmium	1.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.43E-03
29117	68110	Cadmium	5.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.31E-03
29135	68110	Cadmium	2.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.83E-03
29207	68110	Cadmium	0.915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.45E-03
29238	68110	Cadmium	0.592	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.40E-04
29257	68110	Cadmium	7.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.15E-02
29271	68110	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
29283	68110	Cadmium	1.265	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.01E-03
29290	68110	Cadmium	2.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.15E-03
29332	68110	Cadmium	3.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.83E-03
29360	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29361	68110	Cadmium	2.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.43E-03
29393	68110	Cadmium	0.341	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.42E-04
29421	68110	Cadmium	1.135	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.80E-03
29493	68110	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
29500	68110	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
29505	68110	Cadmium	1.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.13E-03
29550	68110	Cadmium	1.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.61E-03
29610	68110	Cadmium	0.912	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.45E-03
29634	68110	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
29665	68110	Cadmium	0.625	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.93E-04
29753	68110	Cadmium	6.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.03E-02
29774	68110	Cadmium	0.667	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
29786	68110	Cadmium	2.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.02E-03
29795	68110	Cadmium	2.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.76E-03
29844	68110	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
29877	68110	Cadmium	3.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.27E-03
29887	68110	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
29911	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29913	68110	Cadmium	2.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.49E-03
29920	68110	Cadmium	0.4915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.81E-04
29921	68110	Cadmium	0.4655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.39E-04
29934	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29942	68110	Cadmium	6.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.00E-02
29943	68110	Cadmium	2.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.27E-03
30017	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30172	68110	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
30189	68110	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
30210	68110	Cadmium	0.978	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.55E-03
30291	68110	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
30394	68110	Cadmium	4.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.85E-03
30410	68110	Cadmium	0.765	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.22E-03
30422	68110	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
30443	68110	Cadmium	2.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.62E-03
30469	68110	Cadmium	0.685	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.09E-03
30470	68110	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
30500	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30551	68110	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
30556	68110	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
30566	68110	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
30575	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30633	68110	Cadmium	0.897	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.42E-03
30651	68110	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
30688	68110	Cadmium	0.4185	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.65E-04
30705	68110	Cadmium	0.256	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.07E-04
30786	68110	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
30803	68110	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
30870	68110	Cadmium	3.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.56E-03
30954	68110	Cadmium	2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.18E-03
30980	68110	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
31097	68110	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
31153	68110	Cadmium	0.924	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.47E-03
31174	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31223	68110	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
31231	68110	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
31350	68110	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31760	68110	Cadmium	0.326	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.18E-04
31814	68110	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
31832	68110	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
31959	68110	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
32019	68110	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
32039	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32043	68110	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
32063	68110	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
32214	68110	Cadmium	0.483	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.67E-04
32373	68110	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
32484	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32508	68110	Cadmium	3.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.31E-03
32529	68110	Cadmium	0.675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
32536	68110	Cadmium	2.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.24E-03
32570	68110	Cadmium	0.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.08E-03
32645	68110	Cadmium	1.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.95E-03
32707	68110	Cadmium	2.98	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.73E-03
32727	68110	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
32733	68110	Cadmium	2.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.43E-03
32734	68110	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
32875	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32903	68110	Cadmium	0.92	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.46E-03
32915	68110	Cadmium	0.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.05E-04
32927	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32996	68110	Cadmium	6.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.02E-02
33078	68110	Cadmium	2.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.32E-03
33084	68110	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
33280	68110	Cadmium	0.3915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.22E-04
33421	68110	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
33468	68110	Cadmium	4.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	6.99E-03
33472	68110	Cadmium	0.2675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.25E-04
33477	68110	Cadmium	4.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.51E-03
33483	68110	Cadmium	2.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.49E-03
33512	68110	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.17E-04
33519	68110	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
33543	68110	Cadmium	0.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.30E-03
33555	68110	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
33602	68110	Cadmium	1.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.27E-03
33629	68110	Cadmium	5.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.20E-03
33635	68110	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
33714	68110	Cadmium	4.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.51E-03
33725	68110	Cadmium	3.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.07E-03
33840	68110	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
33927	68110	Cadmium	2.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.27E-03
34002	68110	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
34047	68110	Cadmium	0.3395	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.39E-04
34116	68110	Cadmium	2.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.56E-03
34237	68110	Cadmium	0.2745	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.36E-04
34260	68110	Cadmium	0.816	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.30E-03
34266	68110	Cadmium	0.491	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.80E-04
34272	68110	Cadmium	2.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.37E-03
34276	68110	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
34287	68110	Cadmium	0.398	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.32E-04
34613	68110	Cadmium	1.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.11E-03
34625	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34638	68110	Cadmium	2.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.46E-03
34674	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34696	68110	Cadmium	2.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.48E-03
34710	68110	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
34733	68110	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
34738	68110	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34742	68110	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
34821	68110	Cadmium	0.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.29E-04
35022	68110	Cadmium	0.265	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.21E-04
35047	68110	Cadmium	0.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
35180	68110	Cadmium	0.871	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
35183	68110	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
35249	68110	Cadmium	0.732	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.16E-03
35384	68110	Cadmium	5.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.21E-03
35438	68110	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
35501	68110	Cadmium	2.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.38E-03
35558	68110	Cadmium	3.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.80E-03
35589	68110	Cadmium	0.269	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.27E-04
35637	68110	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
35710	68110	Cadmium	2.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.64E-03
35754	68110	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
35787	68110	Cadmium	3.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.80E-03
35792	68110	Cadmium	1.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.73E-03
35793	68110	Cadmium	3.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.54E-03
36189	68110	Cadmium	0.698	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
37075	68110	Cadmium	0.3725	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.92E-04
37434	68110	Cadmium	12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-02	3E-03	--	--	--	--	2E-01	1.91E-02
37456	68110	Cadmium	3.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER																					
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
38863	68110	Cadmium	2.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.64E-03
39142	68110	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
39271	68110	Cadmium	0.876	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.39E-03
39434	68110	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
39572	68110	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
55636	68110	Cadmium	5.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.21E-03
74149	68110	Cadmium	4.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.78E-03
79377	68110	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
81398	68110	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
81400	68110	Cadmium	4.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.15E-03
87991	68110	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
90908	68110	Cadmium	8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.27E-02
91449	68110	Cadmium	5.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.21E-03
92501	68110	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
92675	68110	Cadmium	5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.94E-03
93337	68110	Cadmium	4.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.31E-03
93338	68110	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
93342	68110	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
93344	68110	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
93345	68110	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
2035	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.48E-03
2075	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
2103	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2109	68111	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
2118	68111	Cadmium	0.4865	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.73E-04
2121	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2126	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2154	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
2179	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2216	68111	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
2225	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2231	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
2262	68111	Cadmium	2.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.15E-03
2365	68111	Cadmium	0.432	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.86E-04
2425	68111	Cadmium	0.948	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.51E-03
2565	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
3046	68111	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
3051	68111	Cadmium	0.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.06E-03
3058	68111	Cadmium	0.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
3091	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
3133	68111	Cadmium	1.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.03E-03
3151	68111	Cadmium	1.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.27E-03
5013	68111	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
5085	68111	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
5170	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5171	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
5204	68111	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
5206	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5208	68111	Cadmium	1.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.76E-03
5215	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5221	68111	Cadmium	2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.18E-03
5230	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5232	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5234	68111	Cadmium	1.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.72E-03
5236	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
5238	68111	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
5240	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5242	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
5246	68111	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
5288	68111	Cadmium	3.95	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.27E-03
5296	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5330	68111	Cadmium	1.93	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.07E-03
5333	68111	Cadmium	0.593	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.42E-04
5513	68111	Cadmium	0.568	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.02E-04
5514	68111	Cadmium	0.292	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.64E-04
5618	68111	Cadmium	0.593	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.42E-04
25647	68111	Cadmium	0.2345	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.73E-04
25663	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
25670	68111	Cadmium	0.2775	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.41E-04
25708	68111	Cadmium	2.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.37E-03
25709	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25750	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25780	68111	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
25786	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25794	68111	Cadmium	2.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.51E-03
25804	68111	Cadmium	1.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.95E-03
25805	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.27E-03
25834	68111	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
25849	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.27E-03
25869	68111	Cadmium	0.3485	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.54E-04
25874	68111	Cadmium	0.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.29E-03
25877	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
25894	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25985	68111	Cadmium	0.605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.61E-04
26005	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
26009	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
26011	68111	Cadmium	0.679	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.08E-03
26030	68111	Cadmium	1.98	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.15E-03
26042	68111	Cadmium	0.261	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.15E-04
26043	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26045	68111	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.52E-04
26053	68111	Cadmium	0.737	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.17E-03
26084	68111	Cadmium	7.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.25E-02
26100	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
26124	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
26135	68111	Cadmium	0.772	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
26142	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
26149	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
26160	68111	Cadmium	0.961	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.53E-03
26164	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26191	68111	Cadmium	0.695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
26199	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26202	68111	Cadmium	0.288	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.57E-04
26204	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26211	68111	Cadmium	0.4485	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.12E-04
26215	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26228	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
26229	68111	Cadmium	0.998	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
26231	68111	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
26249	68111	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
26257	68111	Cadmium	3.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.18E-03
26263	68111	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
26288	68111	Cadmium	0.317	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.04E-04
26289	68111	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
26290	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26295	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
26303	68111	Cadmium	0.354	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.62E-04
26327	68111	Cadmium	0.2985	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.74E-04
26372	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26428	68111	Cadmium	1.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.95E-03
26456	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26459	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
26480	68111	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
26485	68111	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
26514	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26518	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
26543	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26570	68111	Cadmium	1.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.76E-03
26604	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26653	68111	Cadmium	2.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.07E-03
26663	68111	Cadmium	3.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.40E-03
26665	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
26682	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26695	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26716	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
26742	68111	Cadmium	1.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.83E-03
26757	68111	Cadmium	2.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.15E-03
26759	68111	Cadmium	3.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.21E-03
26772	68111	Cadmium	0.2495	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	5E-05	--	--	--	--	4E-03	3.96E-04
26779	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
26783	68111	Cadmium	0.915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.45E-03
26834	68111	Cadmium	3.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.16E-03
26844	68111	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
26858	68111	Cadmium	0.2665	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.23E-04
26865	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26868	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26869	68111	Cadmium	2.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.70E-03
26877	68111	Cadmium	1.85	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.94E-03
26891	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
26948	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26955	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
26967	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
26996	68111	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
26997	68111	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
26999	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
27005	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27031	68111	Cadmium	0.361	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.73E-04
27038	68111	Cadmium	4.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.67E-03
27052	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27074	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27096	68111	Cadmium	2.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.72E-03
27107	68111	Cadmium	0.424	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.74E-04
27117	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27120	68111	Cadmium	1.95	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.10E-03
27137	68111	Cadmium	3.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.83E-03
27138	68111	Cadmium	4.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27145	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27148	68111	Cadmium	1.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.75E-03
27177	68111	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
27185	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27191	68111	Cadmium	2.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.75E-03
27193	68111	Cadmium	0.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.24E-04
27202	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27264	68111	Cadmium	6.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.69E-03
27266	68111	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
27269	68111	Cadmium	8.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.32E-02
27278	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27308	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27315	68111	Cadmium	8.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.35E-02
27318	68111	Cadmium	2.37	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.76E-03
27342	68111	Cadmium	0.283	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.50E-04
27347	68111	Cadmium	2.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.46E-03
27366	68111	Cadmium	0.258	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.10E-04
27369	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
27399	68111	Cadmium	1.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.08E-03
27402	68111	Cadmium	7.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.13E-02
27446	68111	Cadmium	3.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.20E-03
27461	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
27467	68111	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.22E-04
27475	68111	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
27481	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27488	68111	Cadmium	0.443	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.04E-04
27524	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27567	68111	Cadmium	0.263	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.18E-04
27581	68111	Cadmium	0.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
27585	68111	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
27604	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
27608	68111	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.65E-04
27630	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.27E-03
27632	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27658	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27718	68111	Cadmium	0.325	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.16E-04
27734	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27739	68111	Cadmium	0.726	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
27742	68111	Cadmium	5.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.20E-03
27764	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27768	68111	Cadmium	0.898	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.43E-03
27780	68111	Cadmium	2.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.49E-03
27854	68111	Cadmium	1.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.65E-03
27859	68111	Cadmium	0.754	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.20E-03
27885	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27886	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27913	68111	Cadmium	0.568	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.02E-04
27920	68111	Cadmium	0.4995	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.93E-04
27924	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
27939	68111	Cadmium	4.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.48E-03
27962	68111	Cadmium	2.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.86E-03
28004	68111	Cadmium	3.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.08E-03
28011	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28019	68111	Cadmium	0.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.13E-03
28020	68111	Cadmium	3.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.84E-03
28022	68111	Cadmium	0.2555	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.06E-04
28045	68111	Cadmium	0.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.29E-03
28065	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.48E-03
28072	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28105	68111	Cadmium	0.815	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.29E-03
28108	68111	Cadmium	0.537	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.53E-04
28144	68111	Cadmium	3.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	4E-02	5.00E-03
28148	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28154	68111	Cadmium	0.276	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.38E-04
28157	68111	Cadmium	3.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.88E-03
28185	68111	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
28186	68111	Cadmium	0.4005	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.36E-04
28188	68111	Cadmium	3.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.56E-03
28218	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
28222	68111	Cadmium	2.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.37E-03
28273	68111	Cadmium	2.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.56E-03
28284	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28329	68111	Cadmium	0.319	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.07E-04
28338	68111	Cadmium	3.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.86E-03
28375	68111	Cadmium	2.04	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.24E-03
28377	68111	Cadmium	2.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.02E-03
28417	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28423	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
28434	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28518	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
28544	68111	Cadmium	3.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.26E-03
28558	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
28561	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL						TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME				(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28623	68111	Cadmium	0.2995	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.76E-04
28625	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
28648	68111	Cadmium	2.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.54E-03
28661	68111	Cadmium	0.675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
28688	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28709	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28713	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
28725	68111	Cadmium	0.775	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
28730	68111	Cadmium	0.832	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.32E-03
28749	68111	Cadmium	3.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.91E-03
28763	68111	Cadmium	0.2855	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.54E-04
28764	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
28766	68111	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
28781	68111	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
28785	68111	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.28E-04
28798	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28799	68111	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
28809	68111	Cadmium	0.327	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.19E-04
28811	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
28819	68111	Cadmium	2.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.08E-03
28836	68111	Cadmium	3.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	8E-04	--	--	--	--	5E-02	6.13E-03
28837	68111	Cadmium	0.2685	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.27E-04
28841	68111	Cadmium	2.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.46E-03
28846	68111	Cadmium	3.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.56E-03
28893	68111	Cadmium	2.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.62E-03
28909	68111	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
28942	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
28959	68111	Cadmium	1.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.76E-03
28963	68111	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
28967	68111	Cadmium	1.12	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.78E-03
28984	68111	Cadmium	0.868	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
28991	68111	Cadmium	0.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
29002	68111	Cadmium	0.2845	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.52E-04
29023	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29033	68111	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
29037	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29071	68111	Cadmium	2.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.29E-03
29090	68111	Cadmium	7.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.18E-02
29101	68111	Cadmium	2.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.57E-03
29102	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29105	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
29155	68111	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
29165	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
29175	68111	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
29177	68111	Cadmium	2.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.42E-03
29181	68111	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
29204	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29205	68111	Cadmium	1.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.26E-03
29214	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
29220	68111	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
29240	68111	Cadmium	0.982	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
29248	68111	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
29274	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
29285	68111	Cadmium	0.301	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.78E-04
29328	68111	Cadmium	0.942	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.50E-03
29343	68111	Cadmium	0.843	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
29354	68111	Cadmium	0.2675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.25E-04
29358	68111	Cadmium	2.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.75E-03
29386	68111	Cadmium	0.273	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.34E-04
29409	68111	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
29431	68111	Cadmium	0.2785	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.42E-04
29432	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
29445	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
29469	68111	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
29499	68111	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
29552	68111	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.28E-04
29558	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29578	68111	Cadmium	0.282	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.48E-04
29608	68111	Cadmium	1.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.27E-03
29625	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29633	68111	Cadmium	1.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.13E-03
29671	68111	Cadmium	1.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.75E-03
29678	68111	Cadmium	0.483	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.67E-04
29683	68111	Cadmium	0.668	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
29684	68111	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
29689	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
29717	68111	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
29777	68111	Cadmium	2.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.27E-03
29792	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29806	68111	Cadmium	0.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.92E-04
29818	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29824	68111	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
29826	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
29927	68111	Cadmium	3.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.88E-03
29953	68111	Cadmium	2.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.46E-03
29974	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
29978	68111	Cadmium	0.3785	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	6.01E-04
29991	68111	Cadmium	3.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	4E-02	5.02E-03
29993	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30012	68111	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
30045	68111	Cadmium	0.685	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.09E-03
30050	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30068	68111	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
30078	68111	Cadmium	1.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.75E-03
30081	68111	Cadmium	0.585	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.29E-04
30123	68111	Cadmium	2.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.62E-03
30130	68111	Cadmium	0.2725	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.33E-04
30133	68111	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
30161	68111	Cadmium	1.915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.04E-03
30169	68111	Cadmium	2.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.37E-03
30171	68111	Cadmium	2.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.40E-03
30177	68111	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.16E-04
30182	68111	Cadmium	0.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.13E-04
30201	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
30220	68111	Cadmium	0.266	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.23E-04
30225	68111	Cadmium	3.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.88E-03
30244	68111	Cadmium	4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.35E-03
30253	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30345	68111	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
30347	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30387	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30417	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
30420	68111	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
30434	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30455	68111	Cadmium	0.439	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	6.97E-04
30462	68111	Cadmium	0.88	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.40E-03
30494	68111	Cadmium	0.727	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
30521	68111	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.22E-04
30526	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30536	68111	Cadmium	2.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.10E-03
30563	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30580	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
30625	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
30644	68111	Cadmium	0.3715	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.90E-04
30645	68111	Cadmium	1.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.83E-03
30683	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30699	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30700	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30714	68111	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
30757	68111	Cadmium	0.976	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.55E-03
30802	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30813	68111	Cadmium	3.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.40E-03
30817	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
30836	68111	Cadmium	0.4505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.16E-04
30841	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
30844	68111	Cadmium	1.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.16E-03
30881	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
30888	68111	Cadmium	0.2915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.63E-04
30918	68111	Cadmium	0.2705	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.30E-04
30927	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
30932	68111	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
30933	68111	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
30939	68111	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
30978	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
30991	68111	Cadmium	0.697	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
30995	68111	Cadmium	6.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.85E-03
30997	68111	Cadmium	0.425	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.75E-04
31008	68111	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
31042	68111	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
31045	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31046	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31052	68111	Cadmium	0.2875	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.57E-04
31056	68111	Cadmium	2.86	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.54E-03
31071	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31074	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31076	68111	Cadmium	0.917	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.46E-03
31081	68111	Cadmium	0.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
31102	68111	Cadmium	0.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.26E-04
31104	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31120	68111	Cadmium	2.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.96E-03
31129	68111	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
31131	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31141	68111	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
31145	68111	Cadmium	3.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.97E-03
31163	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
31171	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL						TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME				(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31206	68111	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
31229	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31237	68111	Cadmium	1.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.86E-03
31262	68111	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
31300	68111	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
31303	68111	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
31316	68111	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
31357	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
31360	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31361	68111	Cadmium	2.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.72E-03
31362	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
31365	68111	Cadmium	0.2815	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.47E-04
31366	68111	Cadmium	2.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.69E-03
31377	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
31398	68111	Cadmium	1.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.73E-03
31408	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31433	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
31442	68111	Cadmium	0.277	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.40E-04
31444	68111	Cadmium	2.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.43E-03
31457	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
31478	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31517	68111	Cadmium	0.268	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.26E-04
31583	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31603	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31607	68111	Cadmium	2.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.67E-03
31615	68111	Cadmium	0.274	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.35E-04
31695	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31698	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31733	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31740	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31799	68111	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
31803	68111	Cadmium	1.32	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.10E-03
31823	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
31850	68111	Cadmium	1.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.57E-03
31853	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31854	68111	Cadmium	0.655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.04E-03
31858	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31868	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31871	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31882	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31887	68111	Cadmium	0.4635	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.36E-04
31896	68111	Cadmium	3.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.18E-03
31899	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31911	68111	Cadmium	3.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.18E-03
31925	68111	Cadmium	2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.18E-03
31936	68111	Cadmium	1.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.51E-03
31964	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
31965	68111	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
31977	68111	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.17E-04
31986	68111	Cadmium	2.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.53E-03
32001	68111	Cadmium	5.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.21E-03
32016	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32021	68111	Cadmium	0.605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.61E-04
32022	68111	Cadmium	0.465	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.39E-04
32040	68111	Cadmium	2.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.51E-03
32046	68111	Cadmium	2.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.59E-03
32049	68111	Cadmium	6.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.85E-03
32070	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
32081	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
32089	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32092	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
32153	68111	Cadmium	0.2605	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.14E-04
32162	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32168	68111	Cadmium	0.505	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.02E-04
32208	68111	Cadmium	0.584	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.28E-04
32228	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32252	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32256	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
32261	68111	Cadmium	1.68	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.67E-03
32267	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32276	68111	Cadmium	2.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.92E-03
32277	68111	Cadmium	0.3385	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.38E-04
32283	68111	Cadmium	0.283	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.50E-04
32284	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
32287	68111	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
32293	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
32311	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32316	68111	Cadmium	4.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.88E-03
32325	68111	Cadmium	0.2765	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.39E-04
32339	68111	Cadmium	0.882	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.40E-03
32346	68111	Cadmium	0.275	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.37E-04
32414	68111	Cadmium	3.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.34E-03
32418	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32455	68111	Cadmium	2.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.21E-03
32456	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32458	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32497	68111	Cadmium	2.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.42E-03
32502	68111	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
32539	68111	Cadmium	0.636	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.01E-03
32547	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32562	68111	Cadmium	0.289	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.59E-04
32581	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32596	68111	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
32633	68111	Cadmium	0.575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.13E-04
32673	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32678	68111	Cadmium	1.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.43E-03
32686	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32696	68111	Cadmium	3.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.00E-03
32702	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32708	68111	Cadmium	0.262	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.16E-04
32736	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
32775	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32779	68111	Cadmium	0.858	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.36E-03
32780	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32783	68111	Cadmium	0.2655	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.22E-04
32818	68111	Cadmium	0.2815	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.47E-04
32847	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32851	68111	Cadmium	0.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.21E-04
32852	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
32874	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32876	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32891	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32896	68111	Cadmium	2.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.99E-03
32912	68111	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.17E-04
32914	68111	Cadmium	4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.35E-03
32931	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
32940	68111	Cadmium	0.268	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.26E-04
32949	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32968	68111	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
32972	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32973	68111	Cadmium	2.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.11E-03
32974	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
32989	68111	Cadmium	1.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.57E-03
32992	68111	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
33009	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33012	68111	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
33014	68111	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
33036	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33037	68111	Cadmium	1.87	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.97E-03
33042	68111	Cadmium	0.2675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.25E-04
33043	68111	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
33060	68111	Cadmium	2.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.42E-03
33062	68111	Cadmium	2.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.19E-03
33120	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33177	68111	Cadmium	1.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.94E-03
33207	68111	Cadmium	0.2805	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.46E-04
33296	68111	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
33314	68111	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
33317	68111	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
33350	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33372	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
33392	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
33453	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
33456	68111	Cadmium	0.261	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.15E-04
33480	68111	Cadmium	0.96	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.52E-03
33492	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33600	68111	Cadmium	0.257	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.08E-04
33607	68111	Cadmium	2.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.40E-03
33630	68111	Cadmium	0.805	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.28E-03
33631	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
33647	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33696	68111	Cadmium	0.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
33711	68111	Cadmium	0.425	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.75E-04
33741	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
33772	68111	Cadmium	0.72	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.14E-03
33803	68111	Cadmium	2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.18E-03
33805	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
33806	68111	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
33818	68111	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
33831	68111	Cadmium	0.288	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.57E-04
33833	68111	Cadmium	0.285	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.53E-04
33856	68111	Cadmium	1.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.41E-03
33863	68111	Cadmium	2.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.27E-03
33875	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
33903	68111	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.28E-04
33915	68111	Cadmium	1.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34059	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
34060	68111	Cadmium	1.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.08E-03
34075	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34088	68111	Cadmium	0.464	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.37E-04
34126	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
34128	68111	Cadmium	1.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.16E-03
34142	68111	Cadmium	1.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	2E-02	2.78E-03
34173	68111	Cadmium	0.525	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	7E-03	8.34E-04
34179	68111	Cadmium	1.24	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.97E-03
34200	68111	Cadmium	3.99	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.34E-03
34219	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
34222	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34224	68111	Cadmium	4.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.83E-03
34225	68111	Cadmium	4.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	6.91E-03
34247	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34251	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
34255	68111	Cadmium	2.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.43E-03
34257	68111	Cadmium	2.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	3E-02	3.91E-03
34320	68111	Cadmium	0.4335	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.89E-04
34371	68111	Cadmium	1.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.62E-03
34377	68111	Cadmium	4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.35E-03
34387	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
34396	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
34430	68111	Cadmium	0.724	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
34444	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34478	68111	Cadmium	0.485	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.70E-04
34503	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34560	68111	Cadmium	6.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.00E-02
34562	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34595	68111	Cadmium	6.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.85E-03
34621	68111	Cadmium	2.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.19E-03
34626	68111	Cadmium	1.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.08E-03
34639	68111	Cadmium	0.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.05E-03
34663	68111	Cadmium	0.888	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.41E-03
34669	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34691	68111	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.09E-04
34703	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.48E-03
34766	68111	Cadmium	3.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.81E-03
34778	68111	Cadmium	3.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.48E-03
34888	68111	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
34892	68111	Cadmium	0.278	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.42E-04
34904	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
34917	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34923	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
34936	68111	Cadmium	0.3005	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.77E-04
34948	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
34953	68111	Cadmium	1.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.68E-03
34985	68111	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
34993	68111	Cadmium	0.899	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.43E-03
34999	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
35003	68111	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
35014	68111	Cadmium	0.603	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.58E-04
35042	68111	Cadmium	4.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	6.99E-03
35043	68111	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
35059	68111	Cadmium	4.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	1E-03	--	--	--	--	6E-02	7.18E-03
35072	68111	Cadmium	0.812	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.29E-03
35095	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35137	68111	Cadmium	1.56	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.48E-03
35152	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35223	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35233	68111	Cadmium	0.734	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.17E-03
35242	68111	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
35252	68111	Cadmium	2.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.43E-03
35273	68111	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
35285	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
35287	68111	Cadmium	1.85	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.94E-03
35288	68111	Cadmium	0.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.69E-04
35290	68111	Cadmium	1.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.26E-03
35350	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35404	68111	Cadmium	3.42	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.43E-03
35417	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
35458	68111	Cadmium	0.291	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.62E-04
35495	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35503	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
35513	68111	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
35517	68111	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
35536	68111	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
35575	68111	Cadmium	0.266	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.23E-04
35614	68111	Cadmium	0.3095	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.92E-04
35619	68111	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
35786	68111	Cadmium	0.702	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.12E-03
35821	68111	Cadmium	0.296	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.70E-04
35822	68111	Cadmium	0.2905	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
35935	68111	Cadmium	1.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.27E-03
35943	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35947	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
35964	68111	Cadmium	4.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.31E-03
35969	68111	Cadmium	2.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.45E-03
36000	68111	Cadmium	1.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.91E-03
36007	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
36015	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
36024	68111	Cadmium	2.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.92E-03
36040	68111	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
36046	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
36072	68111	Cadmium	1.51	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.40E-03
36093	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
36116	68111	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
36138	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
36167	68111	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
36194	68111	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
36212	68111	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
36238	68111	Cadmium	0.974	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.55E-03
36246	68111	Cadmium	0.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.24E-03
36251	68111	Cadmium	0.774	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.23E-03
36257	68111	Cadmium	2.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.65E-03
36259	68111	Cadmium	0.4085	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.49E-04
36269	68111	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
36325	68111	Cadmium	0.706	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.12E-03
36356	68111	Cadmium	0.79	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.25E-03
36408	68111	Cadmium	2.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.59E-03
36410	68111	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
36427	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
36464	68111	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
36467	68111	Cadmium	1.93	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.07E-03
36507	68111	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
36557	68111	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
36574	68111	Cadmium	5.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.21E-03
36656	68111	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
36679	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
36701	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
36706	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
36936	68111	Cadmium	0.968	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.54E-03
37023	68111	Cadmium	3.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.77E-03
37025	68111	Cadmium	2.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.59E-03
37031	68111	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
37036	68111	Cadmium	6.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.69E-03
37049	68111	Cadmium	0.2915	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.63E-04
37087	68111	Cadmium	1.41	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.24E-03
37097	68111	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
37156	68111	Cadmium	0.4405	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.00E-04
37189	68111	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
37193	68111	Cadmium	0.273	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.34E-04
37210	68111	Cadmium	0.786	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.25E-03
37219	68111	Cadmium	2.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.03E-03
37223	68111	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
37226	68111	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
37276	68111	Cadmium	2.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.15E-03
37361	68111	Cadmium	0.2635	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.19E-04
37402	68111	Cadmium	0.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.05E-04
37465	68111	Cadmium	0.482	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.66E-04
37470	68111	Cadmium	1.16	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.84E-03
37684	68111	Cadmium	0.677	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.08E-03
37738	68111	Cadmium	2.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.42E-03
37756	68111	Cadmium	6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.53E-03
37907	68111	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
37934	68111	Cadmium	0.701	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.11E-03
38007	68111	Cadmium	3.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.24E-03
38054	68111	Cadmium	3.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.51E-03
38066	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
38087	68111	Cadmium	0.2625	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.17E-04
38202	68111	Cadmium	0.946	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.50E-03
38210	68111	Cadmium	1.26	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.00E-03
38253	68111	Cadmium	0.526	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	7E-03	8.36E-04
38261	68111	Cadmium	3.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.10E-03
38269	68111	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
38300	68111	Cadmium	4.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.40E-03
38363	68111	Cadmium	1.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.59E-03
38383	68111	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
38407	68111	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
38439	68111	Cadmium	0.783	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.24E-03
38446	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
38449	68111	Cadmium	0.2925	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.65E-04
38527	68111	Cadmium	0.977	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.55E-03
38585	68111	Cadmium	0.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.53E-04
38587	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
38721	68111	Cadmium	1.93	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49203	68111	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
49313	68111	Cadmium	2.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.59E-03
49314	68111	Cadmium	1.08	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.72E-03
49319	68111	Cadmium	8.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.29E-02
49341	68111	Cadmium	0.256	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.07E-04
49345	68111	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
49354	68111	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
50024	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
50049	68111	Cadmium	0.989	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
50080	68111	Cadmium	0.855	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.36E-03
50105	68111	Cadmium	0.754	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.20E-03
50107	68111	Cadmium	1.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.70E-03
50120	68111	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
50146	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50356	68111	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50404	68111	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
50410	68111	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
50417	68111	Cadmium	1.54	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.45E-03
50424	68111	Cadmium	0.4995	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.93E-04
50434	68111	Cadmium	0.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.42E-04
50447	68111	Cadmium	0.258	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.10E-04
63239	68111	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
63751	68111	Cadmium	4.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.78E-03
68070	68111	Cadmium	0.764	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.21E-03
68686	68111	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
73862	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
74664	68111	Cadmium	6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.53E-03
75011	68111	Cadmium	0.902	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.43E-03
77146	68111	Cadmium	4.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.62E-03
79703	68111	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
79704	68111	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
87761	68111	Cadmium	0.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
89893	68111	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
90107	68111	Cadmium	6.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.69E-03
91234	68111	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
91335	68111	Cadmium	6.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.05E-02
91926	68111	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
2269	68112	Cadmium	2.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.21E-03
39755	68112	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
39951	68112	Cadmium	0.705	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.12E-03
40194	68112	Cadmium	2.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.35E-03
40523	68112	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
40879	68112	Cadmium	0.274	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.35E-04
2097	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2156	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
2165	68131	Cadmium	1.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.02E-03
5037	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5150	68131	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
5153	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5186	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5188	68131	Cadmium	1.25	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.99E-03
5195	68131	Cadmium	2.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.48E-03
5197	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5260	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5272	68131	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
5278	68131	Cadmium	1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.59E-03
5298	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5377	68131	Cadmium	0.989	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
5379	68131	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
5380	68131	Cadmium	1.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.89E-03
22856	68131	Cadmium	2.95	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.69E-03
23003	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23016	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23028	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23072	68131	Cadmium	0.675	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	1E-02	1.07E-03
23093	68131	Cadmium	5.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.74E-03
23144	68131	Cadmium	0.305	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.84E-04
23145	68131	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
23150	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23153	68131	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
23211	68131	Cadmium	2.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.45E-03
23237	68131	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
23274	68131	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
23280	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23301	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23338	68131	Cadmium	1.09	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.73E-03
23344	68131	Cadmium	0.595	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	8E-03	9.45E-04
23379	68131	Cadmium	0.2895	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.60E-04
23399	68131	Cadmium	0.843	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.34E-03
23425	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23433	68131	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
23442	68131	Cadmium	0.2535	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.03E-04
23460	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23539	68131	Cadmium	0.267	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.24E-04
23577	68131	Cadmium	1.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.64E-03
23580	68131	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
23584	68131	Cadmium	2.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.13E-03
23586	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23611	68131	Cadmium	7.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.23E-02
23634	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23673	68131	Cadmium	2.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.11E-03
23675	68131	Cadmium	0.2795	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.44E-04
23700	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23742	68131	Cadmium	6.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.69E-03
23786	68131	Cadmium	5.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.05E-03
23788	68131	Cadmium	4.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.70E-03
23790	68131	Cadmium	0.2575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.09E-04
23817	68131	Cadmium	1.61	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.56E-03
23822	68131	Cadmium	3.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.04E-03
23824	68131	Cadmium	0.744	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.18E-03
23845	68131	Cadmium	4.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.58E-03
23872	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23895	68131	Cadmium	1.69	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.68E-03
23899	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
23922	68131	Cadmium	0.256	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.07E-04
23930	68131	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
23961	68131	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
23967	68131	Cadmium	0.545	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.66E-04
23968	68131	Cadmium	1.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.53E-03
23985	68131	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
23986	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24000	68131	Cadmium	2.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.92E-03
24010	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24019	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24027	68131	Cadmium	3.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.38E-03
24098	68131	Cadmium	3.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.70E-03
24109	68131	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
24119	68131	Cadmium	1.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	2E-02	2.78E-03
24126	68131	Cadmium	2.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	4E-02	3.97E-03
24132	68131	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
24141	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24156	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24162	68131	Cadmium	1.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.05E-03
24182	68131	Cadmium	0.865	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.37E-03
24190	68131	Cadmium	0.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
24214	68131	Cadmium	4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.35E-03
24240	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24272	68131	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
24274	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24277	68131	Cadmium	3.65	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.80E-03
24334	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24348	68131	Cadmium	2.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.37E-03
24357	68131	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
24358	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24367	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24370	68131	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
24374	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24376	68131	Cadmium	0.985	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.56E-03
24390	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24396	68131	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
24411	68131	Cadmium	0.665	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
24451	68131	Cadmium	0.641	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
24457	68131	Cadmium	0.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.43E-03
24577	68131	Cadmium	3.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.05E-03
24601	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24605	68131	Cadmium	0.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.45E-04
24635	68131	Cadmium	2.91	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.62E-03
24640	68131	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
24655	68131	Cadmium	0.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.05E-03
24674	68131	Cadmium	3.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	4E-02	5.00E-03
24692	68131	Cadmium	1.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.86E-03
24693	68131	Cadmium	1.34	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.13E-03
24703	68131	Cadmium	2.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.75E-03
24740	68131	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
24751	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24757	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24768	68131	Cadmium	4.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.78E-03
24776	68131	Cadmium	0.2765	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.39E-04
24794	68131	Cadmium	2.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.34E-03
24800	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24808	68131	Cadmium	3.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.72E-03
24887	68131	Cadmium	4.71	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.48E-03
24896	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24931	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
24958	68131	Cadmium	2.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.34E-03
24962	68131	Cadmium	0.265	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER	CANCER	RISK FROM INGESTION OF SOIL					NONCANCER	CANCER	RISK FROM CONTACT WITH SOIL						TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME	RME	NONCANCER HQ_RME		CANCER RISK_RME			RME	RME	NONCANCER HQ_RME		CANCER RISK_RME				(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25063	68131	Cadmium	0.831	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.32E-03
25078	68131	Cadmium	0.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.22E-03
25096	68131	Cadmium	0.465	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.39E-04
25130	68131	Cadmium	1.94	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.08E-03
25133	68131	Cadmium	1.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.51E-03
25137	68131	Cadmium	3.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.48E-03
25167	68131	Cadmium	0.4935	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.84E-04
25185	68131	Cadmium	1.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.75E-03
25189	68131	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
25193	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25202	68131	Cadmium	0.266	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.23E-04
25204	68131	Cadmium	1.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.49E-03
25231	68131	Cadmium	3.22	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.11E-03
25242	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25281	68131	Cadmium	5.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.15E-03
25285	68131	Cadmium	1.48	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.35E-03
25296	68131	Cadmium	0.59	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.37E-04
25315	68131	Cadmium	0.4565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	6E-03	7.25E-04
25324	68131	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
25329	68131	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
25331	68131	Cadmium	1.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.16E-03
25335	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25337	68131	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
25385	68131	Cadmium	1.74	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.76E-03
25391	68131	Cadmium	1.38	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.19E-03
25410	68131	Cadmium	2.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.19E-03
25425	68131	Cadmium	1.27	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.02E-03
25456	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25547	68131	Cadmium	0.726	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
25554	68131	Cadmium	0.654	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.04E-03
25558	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
25579	68131	Cadmium	0.439	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	6.97E-04
25604	68131	Cadmium	0.2895	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.60E-04
25607	68131	Cadmium	7.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-02	2E-03	--	--	--	--	1E-01	1.24E-02
25634	68131	Cadmium	3.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.56E-03
25657	68131	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
50446	68131	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
89514	68131	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
93114	68131	Cadmium	6.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.85E-03
93413	68131	Cadmium	4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.35E-03
93419	68131	Cadmium	4.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.31E-03
5139	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
5140	68132	Cadmium	2.31	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.67E-03
5313	68132	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
5317	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49490	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49500	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49505	68132	Cadmium	0.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.15E-04
49521	68132	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
49544	68132	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
49558	68132	Cadmium	1.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.61E-03
49578	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
49618	68132	Cadmium	1.84	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.92E-03
49625	68132	Cadmium	0.62	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.85E-04
49627	68132	Cadmium	0.97	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.54E-03
49628	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
49642	68132	Cadmium	0.575	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.13E-04
49663	68132	Cadmium	1.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.46E-03
49671	68132	Cadmium	0.935	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.49E-03
49672	68132	Cadmium	2.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	5E-04	--	--	--	--	3E-02	3.91E-03
49676	68132	Cadmium	0.3625	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	5.76E-04
49678	68132	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
49682	68132	Cadmium	2.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.45E-03
49697	68132	Cadmium	0.64	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
49701	68132	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
49704	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
49716	68132	Cadmium	1.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.92E-03
49717	68132	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
49724	68132	Cadmium	1.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.79E-03
49725	68132	Cadmium	0.515	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.18E-04
49726	68132	Cadmium	3.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.34E-03
49727	68132	Cadmium	0.459	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.29E-04
49736	68132	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
49739	68132	Cadmium	2.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.81E-03
49759	68132	Cadmium	2.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.37E-03
49760	68132	Cadmium	1.67	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.65E-03
49774	68132	Cadmium	0.2645	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.20E-04
49781	68132	Cadmium	0.881	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.40E-03
49783	68132	Cadmium	0.848	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.35E-03
49793	68132	Cadmium	1.66	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.64E-03
49800	68132	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
49806	68132	Cadmium	1.81	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.88E-03
49812	68132	Cadmium	0.806	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49853	68132	Cadmium	0.515	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.18E-04
49855	68132	Cadmium	0.694	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
49863	68132	Cadmium	0.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.45E-04
49884	68132	Cadmium	1.46	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.32E-03
49892	68132	Cadmium	0.378	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	8E-05	--	--	--	--	5E-03	6.00E-04
49902	68132	Cadmium	0.3425	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.44E-04
49907	68132	Cadmium	0.602	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.56E-04
49911	68132	Cadmium	1.15	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.83E-03
49913	68132	Cadmium	0.664	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.05E-03
49918	68132	Cadmium	2.13	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.38E-03
49922	68132	Cadmium	0.52	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	8.26E-04
49929	68132	Cadmium	0.273	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.34E-04
49931	68132	Cadmium	1.11	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.76E-03
49936	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
49941	68132	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
49943	68132	Cadmium	1.17	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.86E-03
49953	68132	Cadmium	0.609	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	9.67E-04
49956	68132	Cadmium	0.645	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.02E-03
49958	68132	Cadmium	0.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-04	1E-04	--	--	--	--	9E-03	1.00E-03
49961	68132	Cadmium	0.29	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.61E-04
49971	68132	Cadmium	0.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.16E-03
49974	68132	Cadmium	1.18	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.87E-03
49986	68132	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
49994	68132	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
49995	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
50479	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50484	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
50485	68132	Cadmium	1.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.51E-03
50536	68132	Cadmium	2.19	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.48E-03
51190	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51214	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51217	68132	Cadmium	1.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.80E-03
51225	68132	Cadmium	1.295	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.06E-03
51228	68132	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
51234	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51256	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51263	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51270	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51278	68132	Cadmium	0.585	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.29E-04
51280	68132	Cadmium	0.3885	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	8E-05	--	--	--	--	6E-03	6.17E-04
51327	68132	Cadmium	2.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.13E-03
51349	68132	Cadmium	0.2405	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-04	5E-05	--	--	--	--	3E-03	3.82E-04
51361	68132	Cadmium	0.724	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
51369	68132	Cadmium	0.871	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.38E-03
51381	68132	Cadmium	3.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.04E-03
51391	68132	Cadmium	1.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.30E-03
51392	68132	Cadmium	0.805	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.28E-03
51394	68132	Cadmium	0.3315	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.27E-04
51401	68132	Cadmium	1.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.54E-03
51412	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
51437	68132	Cadmium	0.75	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.19E-03
51440	68132	Cadmium	3.78	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	6.00E-03
51457	68132	Cadmium	1.28	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.03E-03
51483	68132	Cadmium	0.3425	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	5E-03	5.44E-04
51492	68132	Cadmium	0.282	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.48E-04
51504	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
51512	68132	Cadmium	1.73	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.75E-03
51519	68132	Cadmium	0.2695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.28E-04
51525	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
51544	68132	Cadmium	5.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	9.37E-03
51546	68132	Cadmium	1.77	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.81E-03
51551	68132	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
51569	68132	Cadmium	1.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.89E-03
51587	68132	Cadmium	1.06	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.68E-03
51588	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
51598	68132	Cadmium	1.44	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.29E-03
51600	68132	Cadmium	1.35	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.14E-03
51607	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51630	68132	Cadmium	3.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.56E-03
51640	68132	Cadmium	0.535	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.50E-04
51645	68132	Cadmium	1.53	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.43E-03
51646	68132	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
51659	68132	Cadmium	1.14	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	2E-02	1.81E-03
51667	68132	Cadmium	3.21	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.10E-03
51671	68132	Cadmium	0.665	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	1E-04	--	--	--	--	9E-03	1.06E-03
51676	68132	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
51705	68132	Cadmium	2.36	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	5E-04	--	--	--	--	3E-02	3.75E-03
51706	68132	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
51708	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51710	68132	Cadmium	0.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.74E-04
51712	68132	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
51735	68132	Cadmium	3.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.88E-03
51750	68132	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51780	68132	Cadmium	1.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.38E-03
51785	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51790	68132	Cadmium	0.855	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.36E-03
51800	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51803	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51805	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
51807	68132	Cadmium	4.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.78E-03
51808	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51820	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51829	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51840	68132	Cadmium	1.47	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.34E-03
51844	68132	Cadmium	6.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	1.02E-02
51846	68132	Cadmium	3.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.08E-03
51847	68132	Cadmium	3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.77E-03
51854	68132	Cadmium	1.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.91E-03
51855	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51857	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51861	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51863	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51866	68132	Cadmium	0.565	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	8.97E-04
51872	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51897	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51918	68132	Cadmium	0.726	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.15E-03
51921	68132	Cadmium	0.571	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-04	1E-04	--	--	--	--	8E-03	9.07E-04
51938	68132	Cadmium	0.3035	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	7E-05	--	--	--	--	4E-03	4.82E-04
51946	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
51949	68132	Cadmium	2.9	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.61E-03
51959	68132	Cadmium	3.55	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.64E-03
51960	68132	Cadmium	5.6	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.90E-03
51972	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
51990	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
51997	68132	Cadmium	6.07	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	9E-03	1E-03	--	--	--	--	9E-02	9.64E-03
52023	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
52035	68132	Cadmium	1.01	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.60E-03
52046	68132	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
52054	68132	Cadmium	2.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	3.22E-03
52059	68132	Cadmium	0.45	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	1E-04	--	--	--	--	6E-03	7.15E-04
52075	68132	Cadmium	0.478	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.59E-04
52078	68132	Cadmium	0.3145	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-04	7E-05	--	--	--	--	4E-03	5.00E-04
52080	68132	Cadmium	0.988	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.57E-03
52085	68132	Cadmium	1.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.07E-03
52090	68132	Cadmium	0.76	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.21E-03
52091	68132	Cadmium	1.8	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.86E-03
52097	68132	Cadmium	0.277	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.40E-04
52101	68132	Cadmium	0.267	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.24E-04
52106	68132	Cadmium	1.43	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.27E-03
52112	68132	Cadmium	0.2665	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.23E-04
52119	68132	Cadmium	1.49	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.37E-03
52122	68132	Cadmium	3.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.92E-03
52128	68132	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03
52129	68132	Cadmium	3.57	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.67E-03
52137	68132	Cadmium	0.296	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.70E-04
52140	68132	Cadmium	0.886	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.41E-03
52141	68132	Cadmium	1.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.22E-03
52150	68132	Cadmium	0.2885	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.58E-04
52155	68132	Cadmium	5.2	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.26E-03
52158	68132	Cadmium	2.82	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.48E-03
52166	68132	Cadmium	1.63	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.59E-03
52167	68132	Cadmium	0.2645	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.20E-04
52177	68132	Cadmium	1.83	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	3E-03	4E-04	--	--	--	--	3E-02	2.91E-03
52178	68132	Cadmium	1.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	2.21E-03
52181	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
52186	68132	Cadmium	1.23	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	3E-04	--	--	--	--	2E-02	1.95E-03
52187	68132	Cadmium	1.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	4E-04	--	--	--	--	2E-02	2.70E-03
52190	68132	Cadmium	0.283	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.50E-04
52192	68132	Cadmium	4.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	7.47E-03
52198	68132	Cadmium	2.7	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.29E-03
52202	68132	Cadmium	0.695	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.10E-03
52206	68132	Cadmium	3.39	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.38E-03
52214	68132	Cadmium	1.02	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.62E-03
52226	68132	Cadmium	3.33	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	7E-04	--	--	--	--	5E-02	5.29E-03
52228	68132	Cadmium	0.397	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-04	9E-05	--	--	--	--	6E-03	6.31E-04
52243	68132	Cadmium	2.92	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	6E-04	--	--	--	--	4E-02	4.64E-03
52244	68132	Cadmium	0.5	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-04	1E-04	--	--	--	--	7E-03	7.94E-04
52246	68132	Cadmium	0.768	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	1E-03	2E-04	--	--	--	--	1E-02	1.22E-03
52327	68132	Cadmium	3.03	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-03	7E-04	--	--	--	--	4E-02	4.81E-03
52336	68132	Cadmium	3.89	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	6E-03	9E-04	--	--	--	--	6E-02	6.18E-03
52356	68132	Cadmium	3.58	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	5E-03	8E-04	--	--	--	--	5E-02	5.69E-03
52357	68132	Cadmium	5.4	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.58E-03
52367	68132	Cadmium	1.05	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	2E-03	2E-04	--	--	--	--	1E-02	1.67E-03
52378	68132	Cadmium	0.283	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	4E-04	6E-05	--	--	--	--	4E-03	4.50E-04
52386	68132	Cadmium	5.1	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	7E-03	1E-03	--	--	--	--	7E-02	8.10E-03
52387	68132	Cadmium	0.634	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cadmium

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
92431	68132	Cadmium	5.3	1.00E-03	--	2.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	8E-03	1E-03	--	--	--	--	8E-02	8.42E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22493	68102	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25567	68102	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
25717	68102	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
25720	68102	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25914	68102	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
90101	68102	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
2133	68104	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5026	68104	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5143	68104	Chromium III	35.346	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
5144	68104	Chromium III	48.418	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
5145	68104	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
5147	68104	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50647	68104	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
1626	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2229	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2299	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2300	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2308	68105	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
2441	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
2448	68105	Chromium III	4.644	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
2465	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
3076	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
3118	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5054	68105	Chromium III	19.178	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5057	68105	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5105	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5109	68105	Chromium III	44.29	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
5110	68105	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5112	68105	Chromium III	33.712	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
5117	68105	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5123	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5128	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5129	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5132	68105	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5134	68105	Chromium III	18.49	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5325	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5338	68105	Chromium III	72.67	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	7E-05
5347	68105	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5351	68105	Chromium III	0.11008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-07	1E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-07	1E-07
5352	68105	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5355	68105	Chromium III	22.962	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5356	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5357	68105	Chromium III	18.146	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5359	68105	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
5361	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5363	68105	Chromium III	18.748	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5364	68105	Chromium III	86.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-04	8E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-04	8E-05
5365	68105	Chromium III	48.59	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
5367	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5486	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5488	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5489	68105	Chromium III	38.614	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
5495	68105	Chromium III	121.26	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
5509	68105	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5610	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12784	68105	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
12864	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12875	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12886	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12964	68105	Chromium III	29.412	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
12995	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13069	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13073	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13092	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13166	68105	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13185	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13187	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13191	68105	Chromium III	8.6	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
13204	68105	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13209	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13237	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13240	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
13245	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13248	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13273	68105	Chromium III	26.746	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13283	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13322	68105	Chromium III	14.749	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13336	68105	Chromium III	19.178	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13370	68105	Chromium III	22.102	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13381	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
13389	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13403	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13437	68105	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
13438	68105	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
13460	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13476	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13573	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

OLS_Property_ZIP_chromiumIII.xls: Res_Soil

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TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13577	68105	Chromium III	10.836	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
13611	68105	Chromium III	40.764	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
13656	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13690	68105	Chromium III	8.772	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
13731	68105	Chromium III	28.38	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
13735	68105	Chromium III	9.632	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
13741	68105	Chromium III	20.726	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13745	68105	Chromium III	17.286	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
13779	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13790	68105	Chromium III	17.458	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
13791	68105	Chromium III	11.266	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13793	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13851	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13863	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13869	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
13871	68105	Chromium III	17.63	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13880	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13918	68105	Chromium III	11.266	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13919	68105	Chromium III	35.948	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
13935	68105	Chromium III	10.922	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
13984	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14003	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14024	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14050	68105	Chromium III	0.86	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
14063	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14080	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14098	68105	Chromium III	20.296	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14199	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
14238	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14322	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14326	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
14341	68105	Chromium III	18.576	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14407	68105	Chromium III	16.942	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
14410	68105	Chromium III	12.986	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14460	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14492	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14525	68105	Chromium III	19.608	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14528	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14536	68105	Chromium III	18.748	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14544	68105	Chromium III	14.104	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14556	68105	Chromium III	32.336	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
14557	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14577	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14602	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14647	68105	Chromium III	20.038	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14656	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14688	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14718	68105	Chromium III	12.9	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14739	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14752	68105	Chromium III	20.296	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14780	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14817	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14823	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14860	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14885	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14913	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14959	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14964	68105	Chromium III	15.48	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14976	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14992	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15003	68105	Chromium III	109.091	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	1E-04
15044	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15045	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15058	68105	Chromium III	21.844	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15060	68105	Chromium III	9.546	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
15091	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15106	68105	Chromium III	18.49	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15166	68105	Chromium III	18.146	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15227	68105	Chromium III	9.116	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
15231	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15255	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15278	68105	Chromium III	9.116	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
15279	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
15292	68105	Chromium III	18.06	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15299	68105	Chromium III	20.812	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15308	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15317	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15329	68105	Chromium III	10.578	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
15336	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15348	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15363	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15372	68105	Chromium III	15.48	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15416	68105	Chromium III	14.706	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15496	68105	Chromium III	14.19	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15519	68105	Chromium III	13.76	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15526	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15577	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	$CSFo\ (mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	$CSF_{ABS}\ (mg/kg\text{-}d)^{-1}$		Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15587	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15611	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15651	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15686	68105	Chromium III	19.092	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15695	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15728	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15801	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15835	68105	Chromium III	20.038	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15842	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15871	68105	Chromium III	14.018	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15891	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15918	68105	Chromium III	11.954	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15959	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15985	68105	Chromium III	40.936	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
15988	68105	Chromium III	7.7142	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
16027	68105	Chromium III	33.712	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
16072	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16094	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16098	68105	Chromium III	10.922	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
16123	68105	Chromium III	16.77	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
16155	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
16169	68105	Chromium III	30.702	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
16182	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16186	68105	Chromium III	14.362	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16230	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16236	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
16243	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16271	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16308	68105	Chromium III	25.628	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16309	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16321	68105	Chromium III	15.738	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16333	68105	Chromium III	9.804	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
16364	68105	Chromium III	8.342	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
16365	68105	Chromium III	18.92	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16384	68105	Chromium III	12.728	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16395	68105	Chromium III	27.692	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
16420	68105	Chromium III	16.082	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16472	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16473	68105	Chromium III	14.104	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16478	68105	Chromium III	21.844	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16486	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16499	68105	Chromium III	20.124	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16545	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16572	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16589	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16618	68105	Chromium III	0.86	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
16646	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16668	68105	Chromium III	10.32	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
16749	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
16772	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
16777	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16793	68105	Chromium III	12.9	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16851	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16866	68105	Chromium III	14.792	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16869	68105	Chromium III	21.844	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16889	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16893	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16922	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16928	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16946	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16963	68105	Chromium III	22.102	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16974	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17040	68105	Chromium III	15.652	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17055	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17065	68105	Chromium III	37.41	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
17076	68105	Chromium III	17.028	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17097	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17108	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
17142	68105	Chromium III	27.176	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17179	68105	Chromium III	15.738	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17198	68105	Chromium III	12.126	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17199	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17270	68105	Chromium III	8.858	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
17298	68105	Chromium III	10.406	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
17300	68105	Chromium III	18.662	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17348	68105	Chromium III	12.212	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17374	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17379	68105	Chromium III	16.512	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17542	68105	Chromium III	25.284	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17557	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17719	68105	Chromium III	20.382	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17725	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17745	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17753	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
17802	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17803	68105	Chromium III	33.368	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
17827	68105	Chromium III	35.604	1.50E+00	--	1.95E-02	--		1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17876	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17899	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17918	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17934	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17935	68105	Chromium III	23.392	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18036	68105	Chromium III	24.94	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18133	68105	Chromium III	8.686	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
18147	68105	Chromium III	18.232	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18177	68105	Chromium III	21.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18187	68105	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
18189	68105	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18281	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18321	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
18349	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18452	68105	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18453	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
18469	68105	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18499	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18561	68105	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18573	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18598	68105	Chromium III	42.14	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
18610	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18654	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18661	68105	Chromium III	23.134	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18673	68105	Chromium III	21.758	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18676	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18693	68105	Chromium III	22.274	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18757	68105	Chromium III	33.368	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
18787	68105	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
18797	68105	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18825	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18839	68105	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18871	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
18882	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18898	68105	Chromium III	34.4	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
18927	68105	Chromium III	24.94	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18934	68105	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19015	68105	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19028	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19127	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19129	68105	Chromium III	37.926	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
19169	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19288	68105	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
19310	68105	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19334	68105	Chromium III	117.82	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
19344	68105	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19448	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19485	68105	Chromium III	4.2699	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
19489	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
19496	68105	Chromium III	21.672	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19561	68105	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
19602	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19612	68105	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19655	68105	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19671	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19676	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19728	68105	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19729	68105	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19768	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19787	68105	Chromium III	20.812	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19791	68105	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19812	68105	Chromium III	4.1409	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
19831	68105	Chromium III	6.708	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
19839	68105	Chromium III	4.4032	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
19858	68105	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19864	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19915	68105	Chromium III	19.608	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19923	68105	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19932	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
19938	68105	Chromium III	18.49	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19972	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19976	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19987	68105	Chromium III	19.78	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
20069	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
20080	68105	Chromium III	61.662	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-04	6E-05
20105	68105	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20110	68105	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20128	68105	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20170	68105	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20218	68105	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20236	68105	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20313	68105	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20315	68105	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20342	68105	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20420	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20426	68105	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
20452	68105	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo $(mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
20470	68105	Chromium III	32.766	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
20471	68105	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20477	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20506	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20510	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20535	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20545	68105	Chromium III	65.704	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
20557	68105	Chromium III	20.64	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
20584	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20590	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
20603	68105	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20610	68105	Chromium III	38.184	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
20612	68105	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20656	68105	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20674	68105	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20685	68105	Chromium III	32.164	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
20702	68105	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20759	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20777	68105	Chromium III	4.472	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
20823	68105	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20845	68105	Chromium III	2.408	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-05	2E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-05	2E-06
20856	68105	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
20883	68105	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20908	68105	Chromium III	21.414	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
20925	68105	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20945	68105	Chromium III	31.132	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
20961	68105	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20964	68105	Chromium III	64.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-04	6E-05
21005	68105	Chromium III	7.2498	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
21012	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21019	68105	Chromium III	33.97	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
21053	68105	Chromium III	5.418	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
21064	68105	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
21068	68105	Chromium III	35.26	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
21079	68105	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
21097	68105	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21110	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
21136	68105	Chromium III	17.458	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
21143	68105	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21148	68105	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
21150	68105	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
21265	68105	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
21268	68105	Chromium III	45.064	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
21283	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21309	68105	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
21336	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21355	68105	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21390	68105	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21394	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21436	68105	Chromium III	8.514	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
21454	68105	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21490	68105	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21498	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21513	68105	Chromium III	55.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-04	5E-05
21535	68105	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21551	68105	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21560	68105	Chromium III	20.124	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21565	68105	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
21578	68105	Chromium III	70.434	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
21609	68105	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21614	68105	Chromium III	20.898	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21625	68105	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
21653	68105	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
21677	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21689	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
21705	68105	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21714	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21720	68105	Chromium III	98.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-04	9E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-04	9E-05
21724	68105	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21730	68105	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21744	68105	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21811	68105	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21815	68105	Chromium III	20.296	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21822	68105	Chromium III	18.06	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21836	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21881	68105	Chromium III	3.7324	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
21884	68105	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21901	68105	Chromium III	19.78	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21916	68105	Chromium III	22.188	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21925	68105	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21941	68105	Chromium III	8.5484	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
21956	68105	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21981	68105	Chromium III	24.854	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
21985	68105	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21989	68105	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22006	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22013	68105	Chromium III	19.436	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22024	68105	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22025	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22027	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22034	68105	Chromium III	20.21	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22036	68105	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
22039	68105	Chromium III	23.306	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22044	68105	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22046	68105	Chromium III	89.44	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-04	8E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-04	8E-05
22056	68105	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22061	68105	Chromium III	24.08	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22074	68105	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22079	68105	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
22080	68105	Chromium III	20.21	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22177	68105	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22181	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22183	68105	Chromium III	4.988	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
22230	68105	Chromium III	21.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22273	68105	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
22295	68105	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
22320	68105	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22344	68105	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22358	68105	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22386	68105	Chromium III	29.67	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
22399	68105	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
22405	68105	Chromium III	18.318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22453	68105	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22563	68105	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22574	68105	Chromium III	24.854	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22636	68105	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22715	68105	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22716	68105	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22754	68105	Chromium III	25.628	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22772	68105	Chromium III	19.866	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
22832	68105	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49272	68105	Chromium III	20.984	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49289	68105	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
50528	68105	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50574	68105	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
90427	68105	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
93120	68105	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
93354	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
93358	68105	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
93364	68105	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
93381	68105	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51011	68106	Chromium III	24.682	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51029	68106	Chromium III	5.074	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
51034	68106	Chromium III	28.982	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51037	68106	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51041	68106	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51046	68106	Chromium III	5.633	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
51047	68106	Chromium III	39.474	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
51052	68106	Chromium III	68.026	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
51058	68106	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51064	68106	Chromium III	2.064	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-05	2E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-05	2E-06
51065	68106	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51079	68106	Chromium III	28.982	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51080	68106	Chromium III	27.692	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51082	68106	Chromium III	23.478	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51089	68106	Chromium III	26.316	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51093	68106	Chromium III	3.7367	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
51101	68106	Chromium III	41.968	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
51102	68106	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51113	68106	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51116	68106	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51118	68106	Chromium III	40.592	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
51120	68106	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51123	68106	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51126	68106	Chromium III	40.506	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
51127	68106	Chromium III	19.608	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51132	68106	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51133	68106	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51143	68106	Chromium III	5.332	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
51155	68106	Chromium III	21.414	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51158	68106	Chromium III	30.874	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51160	68106	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51162	68106	Chromium III	23.736	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51184	68106	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2030	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2038	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
2056	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2104	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2124	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2167	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2206	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2220	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
2252	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2273	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES					NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2292	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
2496	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2499	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
3003	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
3021	68107	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
3074	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
3121	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5066	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
5076	68107	Chromium III	25.198	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5130	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5157	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5159	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5161	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5163	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5165	68107	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5166	68107	Chromium III	77.916	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-04	7E-05
5172	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5176	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5178	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5180	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5182	68107	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5183	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5185	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5211	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
5212	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10008	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10018	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10044	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10046	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10072	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
10073	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10088	68107	Chromium III	8.6	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
10095	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10111	68107	Chromium III	21.156	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
10130	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10134	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10214	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10241	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10290	68107	Chromium III	4.2054	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
10295	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
10299	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
10310	68107	Chromium III	39.818	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
10328	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10329	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10387	68107	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
10401	68107	Chromium III	18.92	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
10403	68107	Chromium III	22.36	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
10425	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10432	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10455	68107	Chromium III	0.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
10458	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
10468	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10471	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10484	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10492	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
10500	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10508	68107	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
10513	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10538	68107	Chromium III	7.74	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
10543	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10548	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10578	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
10582	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
10622	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10633	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
10650	68107	Chromium III	4.73	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
10654	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10662	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10670	68107	Chromium III	51.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
10687	68107	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10707	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10720	68107	Chromium III	30.874	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
10735	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10738	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10794	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10814	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10822	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10831	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10834	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
10842	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
10848	68107	Chromium III	7.5852	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
10858	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
10860	68107	Chromium III	21.5	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
10870	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
10876	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10877	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10880	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10895	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
10909	68107	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10914	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
10920	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10925	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10931	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
10938	68107	Chromium III	17.286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
10944	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
10947	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
10950	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
10965	68107	Chromium III	28.294	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
10970	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
10990	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
10991	68107	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
11036	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11069	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11070	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11082	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11094	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11107	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
11118	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11142	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11155	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11172	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
11179	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
11191	68107	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11194	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11203	68107	Chromium III	16.684	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
11208	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11222	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11230	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11232	68107	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
11233	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
11246	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11258	68107	Chromium III	19.35	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11268	68107	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11272	68107	Chromium III	21.672	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11283	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11303	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11309	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11312	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11312	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11321	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11343	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11349	68107	Chromium III	21.328	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11367	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11372	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11385	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11387	68107	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
11400	68107	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11403	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11408	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11410	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11416	68107	Chromium III	45.15	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
11423	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
11439	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11444	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11449	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
11465	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11469	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11491	68107	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
11494	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11523	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11552	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11558	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11568	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11599	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11601	68107	Chromium III	104.92	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	1E-04
11603	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11604	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11609	68107	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11614	68107	Chromium III	27.176	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11661	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
11686	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11711	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11741	68107	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
11754	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11765	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11777	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11807	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11829	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11842	68107	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11865	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11894	68107	Chromium III	19.178	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
11902	68107	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11910	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
11941	68107	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
11960	68107	Chromium III	7

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11982	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12002	68107	Chromium III	20.296	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12009	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
12012	68107	Chromium III	17.63	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12037	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12047	68107	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12086	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12114	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12116	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12118	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12124	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12126	68107	Chromium III	18.834	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12152	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12166	68107	Chromium III	21.5	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12194	68107	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12206	68107	Chromium III	8.4366	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
12220	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12227	68107	Chromium III	23.994	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12239	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12290	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12296	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12338	68107	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
12344	68107	Chromium III	25.714	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12351	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12372	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12388	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12407	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
12410	68107	Chromium III	17.458	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
12414	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12424	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12439	68107	Chromium III	7.8088	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
12449	68107	Chromium III	25.198	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12457	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12506	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12514	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12529	68107	Chromium III	23.392	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
12530	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12547	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12551	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12567	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12572	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12588	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12590	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
12605	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12644	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12667	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12714	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
12729	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12741	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
12755	68107	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
12761	68107	Chromium III	4.1108	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
12794	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
12830	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12848	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
12858	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12871	68107	Chromium III	16.684	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
13038	68107	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
13045	68107	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43676	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
43691	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43698	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
43703	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
43711	68107	Chromium III	6.837	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
43729	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
43736	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43744	68107	Chromium III	6.8714	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
43746	68107	Chromium III	3.2293	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
43771	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43790	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
43793	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43800	68107	Chromium III	24.94	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
43813	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
43843	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43853	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
43869	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
43874	68107	Chromium III	21.93	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
43892	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43912	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
43933	68107	Chromium III	5.16	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
43942	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43945	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43949	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43962	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
43978	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44002	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
44025	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44037	68107	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44047	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44063	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44066	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44076	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44104	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44107	68107	Chromium III	7.6798	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
44112	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44127	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
44130	68107	Chromium III	21.242	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44133	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
44137	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44145	68107	Chromium III	26.23	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44153	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44157	68107	Chromium III	24.08	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44177	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44184	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44185	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44198	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44202	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44220	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
44225	68107	Chromium III	28.036	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
44233	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
44236	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
44237	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44248	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
44299	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44319	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44348	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44416	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44446	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44452	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44455	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44456	68107	Chromium III	24.51	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44465	68107	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44475	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44482	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44483	68107	Chromium III	21.414	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44490	68107	Chromium III	20.726	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44503	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44507	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44508	68107	Chromium III	3.5862	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
44519	68107	Chromium III	35.002	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
44526	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44528	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44529	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
44531	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44536	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44539	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44546	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44549	68107	Chromium III	18.232	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44556	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44567	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
44578	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44581	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44589	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44590	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44592	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44597	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44617	68107	Chromium III	8.2474	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
44619	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44623	68107	Chromium III	29.068	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
44626	68107	Chromium III	19.436	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44636	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44640	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44644	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44668	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44700	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
44711	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44725	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
44727	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
44738	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44740	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44741	68107	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44747	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44753	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
44755	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44756	68107	Chromium III	8.6	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
44768	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44790	68107	Chromium III	20.038	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44798	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44810	68107	Chromium III	5.59	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
44814	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44822	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
44854	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44857	68107	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
44869	68107	Chromium III	19.35	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
44877	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44902	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44923	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44927	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44935	68107	Chromium III	6.02	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
44939	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44943	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44955	68107	Chromium III	7.1724	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
44959	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
44969	68107	Chromium III	39.818	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
44979	68107	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44980	68107	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44984	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44987	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
44996	68107	Chromium III	6.493	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
45004	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45005	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45018	68107	Chromium III	19.35	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45020	68107	Chromium III	8.858	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
45023	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45034	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45044	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45056	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45072	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45073	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45077	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45078	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45084	68107	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45118	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45147	68107	Chromium III	26.746	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45150	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45156	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
45166	68107	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45167	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45183	68107	Chromium III	23.908	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45188	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45195	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45199	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45206	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45213	68107	Chromium III	6.536	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
45223	68107	Chromium III	6.235	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
45227	68107	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45236	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45244	68107	Chromium III	19.264	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45259	68107	Chromium III	26.488	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45265	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45269	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45298	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45300	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45303	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45304	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
45305	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45321	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45343	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
45350	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45356	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45364	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45370	68107	Chromium III	8.6	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
45390	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45393	68107	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45404	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45411	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
45423	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45424	68107	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45447	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45458	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
45460	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45475	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45484	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45487	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45494	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45495	68107	Chromium III	8.299	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
45503	68107	Chromium III	8.385	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
45530	68107	Chromium III	3.9474	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	4E-06
45533	68107	Chromium III	32.422	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
45564	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45566	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45574	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45584	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45608	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45609	68107	Chromium III	8.3162	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
45624	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45626	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45645	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45646	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45648	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45662	68107	Chromium III	6.4758	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
45663	68107	Chromium III	20.382	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45678	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45698	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45724	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45725	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45728	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45739	68107	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45741	68107	Chromium III	28.122	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
45747	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
45764	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45767	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45770	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45786	68107	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45787	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45789	68107	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45811	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45822	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45837	68107	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45840	68107	Chromium III	18.834	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45849	68107	Chromium III	18.146	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
45854	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45883	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45906	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45921	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
45923	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45927	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45955	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
45970	68107	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45984	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45988	68107	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
45999	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46035	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46049	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46050	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46052	68107	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
46071	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46073	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46091	68107	Chromium III	20.468	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
46103	68107	Chromium III	8.5828	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
46107	68107	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46118	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46122	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46127	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46133	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46145	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46150	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46164	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46168	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46180	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46187	68107	Chromium III	8.858	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
46210	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46214	68107	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46241	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46247	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46260	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46279	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46297	68107	Chromium III	7.3358	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
46346	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46347	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46363	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
46368	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46380	68107	Chromium III	5.074	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
46399	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46423	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46432	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46448	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46461	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
46469	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46472	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46473	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46474	68107	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46478	68107	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46490	68107	Chromium III	20.038	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
46493	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46494	68107	Chromium III	18.834	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
46498	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
46505	68107	Chromium III	5.977	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
46509	68107	Chromium III	22.102	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
46527	68107	Chromium III	5.031	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
46566	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46579	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46583	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46610	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46626	68107	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46628	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46637	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46655	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46662	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46664	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46672	68107	Chromium III	5.719	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
46673	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46683	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46698	68107	Chromium III	4.73	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
46699	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46708	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46712	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46725	68107	Chromium III	5.59	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
46727	68107	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46731	68107	Chromium III	41.624	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
46743	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46763	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46764	68107	Chromium III	4.2183	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
46772	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46776	68107	Chromium III	4.558	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
46792	68107	Chromium III	3.139	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
46794	68107	Chromium III	4.0076	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	4E-06
46805	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46808	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46815	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46835	68107	Chromium III	3.698	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
46852	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46857	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
46864	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
46867	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46893	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46916	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
46919	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46934	68107	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46954	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
46964	68107	Chromium III	23.908	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
46976	68107	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
46994	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
46998	68107	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
47021	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47030	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47038	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47046	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47047	68107	Chromium III	30.96	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
47052	68107	Chromium III	19.694	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47058	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47088	68107	Chromium III	24.94	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47090	68107	Chromium III	7.31	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
47106	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47139	68107	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47140	68107	Chromium III	21.93	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47147	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
47148	68107	Chromium III	0.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
47149	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
47163	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47172	68107	Chromium III	153.08	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
47179	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47181	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47196	68107	Chromium III	8.514	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
47203	68107	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47206	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
47215	68107	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47216	68107	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47217	68107	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47218	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
47223	68107	Chromium III	7.74	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
47249	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47250	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47259	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47274	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47275	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47279	68107	Chromium III	4.515	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
47291	68107	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47293	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47296	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47311	68107	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47312	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47315	68107	Chromium III	5.461	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
47320	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
47322	68107	Chromium III	32.164	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
47338	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47339	68107	Chromium III	18.232	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47356	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47368	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47380	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47382	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
47385	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47390	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
47417	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
47421	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
47424	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

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TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47425	68107	Chromium III	5.246	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
47440	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47452	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47475	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47485	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47511	68107	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47514	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
47518	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47526	68107	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
47544	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
47553	68107	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
47565	68107	Chromium III	23.306	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47566	68107	Chromium III	22.274	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47604	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
47610	68107	Chromium III	4.0506	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	4E-06
47617	68107	Chromium III	5.848	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
47621	68107	Chromium III	21.93	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47627	68107	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47649	68107	Chromium III	7.267	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
47656	68107	Chromium III	19.952	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47670	68107	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47681	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47706	68107	Chromium III	8.858	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
47708	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47761	68107	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47768	68107	Chromium III	22.876	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47783	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47795	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
47797	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
47811	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47813	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
47816	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47820	68107	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47838	68107	Chromium III	29.498	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
47841	68107	Chromium III	6.708	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
47860	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
47867	68107	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47886	68107	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47895	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47924	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
47930	68107	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47934	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
47939	68107	Chromium III	21.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47952	68107	Chromium III	19.006	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
47966	68107	Chromium III	6.4844	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
47969	68107	Chromium III	19.694	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48003	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48006	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48014	68107	Chromium III	26.058	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48016	68107	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
48018	68107	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48036	68107	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48043	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48048	68107	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48056	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48092	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48116	68107	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48118	68107	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48120	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48135	68107	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48141	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48150	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48167	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48232	68107	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48245	68107	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48261	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48271	68107	Chromium III	7.138	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
48292	68107	Chromium III	27.778	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
48308	68107	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48327	68107	Chromium III	5.117	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
48334	68107	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
48341	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48359	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
48367	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48368	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
48380	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48416	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
48418	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48434	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48494	68107	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48495	68107	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
48508	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48510	68107	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48525	68107	Chromium III	25.8	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48547	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
48553	68107	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48578	68107	Chromium III	19.522	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48583	68107	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48589	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
48593	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48596	68107	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48620	68107	Chromium III	23.134	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48636	68107	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48639	68107	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48641	68107	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48654	68107	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48661	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
48668	68107	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48674	68107	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48685	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
48694	68107	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48708	68107	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
48715	68107	Chromium III	22.79	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48721	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48733	68107	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
48736	68107	Chromium III	43.258	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
48747	68107	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48768	68107	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48798	68107	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48815	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
48821	68107	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48836	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
48846	68107	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48855	68107	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48871	68107	Chromium III	4.0721	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	4E-06
48886	68107	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
48900	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
48904	68107	Chromium III	18.92	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48944	68107	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48952	68107	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
48963	68107	Chromium III	18.06	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48973	68107	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48975	68107	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48977	68107	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
48999	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49012	68107	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49036	68107	Chromium III	3.3067	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
49070	68107	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49081	68107	Chromium III	22.36	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49082	68107	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49085	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49098	68107	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49117	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
49126	68107	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49167	68107	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49208	68107	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49239	68107	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49249	68107	Chromium III	4.945	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
49371	68107	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49383	68107	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49395	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49404	68107	Chromium III	8.17	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
49435	68107	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49439	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49441	68107	Chromium III	6.837	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
49444	68107	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
50137	68107	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
50139	68107	Chromium III	7.2326	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
50140	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50141	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50144	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50158	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50185	68107	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
50191	68107	Chromium III	7.74	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
50192	68107	Chromium III	6.7338	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
50193	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
50214	68107	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
50243	68107	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50244	68107	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50246	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50249	68107	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50276	68107	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50284	68107	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
50286	68107	Chromium III	33.368	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
50292	68107	Chromium III	8.3076	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
50293	68107	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
50294	68107	Chromium III	8.5484	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
50299	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50300	68107	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
50313	68107	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50325	68107	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50326	68107	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
50335	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50359	68107	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50360	68107	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50361	68107	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50362	68107	Chromium III	8.342	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
50537	68107	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
76891	68107	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
89377	68107	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
89408	68107	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
2170	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2518	68108	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2521	68108	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
2522	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2527	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2532	68108	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5225	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5227	68108	Chromium III	23.048	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5229	68108	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
5284	68108	Chromium III	19.78	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5300	68108	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5304	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5306	68108	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5332	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5387	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5390	68108	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5394	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5395	68108	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5398	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5403	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
5407	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5408	68108	Chromium III	22.79	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5409	68108	Chromium III	4.3	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
5416	68108	Chromium III	43.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
5418	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5422	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5425	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5426	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5427	68108	Chromium III	19.006	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5429	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5431	68108	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5432	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5449	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5450	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5454	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5460	68108	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5463	68108	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5467	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5472	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
5473	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5474	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5480	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5483	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5485	68108	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5492	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5505	68108	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5572	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5607	68108	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5608	68108	Chromium III	20.124	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5623	68108	Chromium III	17.286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5628	68108	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5630	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5636	68108	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5637	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5652	68108	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12816	68108	Chromium III	45.322	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
12859	68108	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12926	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
12947	68108	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13102	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13164	68108	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13184	68108	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13189	68108	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
13239	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13267	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13436	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13485	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13529	68108	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
13530	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13536	68108	Chromium III	17.63	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
13575	68108	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13645	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13661	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13674	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13675	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13760	68108	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
13773	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13795	68108	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
13941	68108	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14043	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14076	68108	Chromium III	6.9316	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
14079	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14130	68108	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14140	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14203	68108	Chromium III	6.0286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
14270	68108	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
14279	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14290	68108	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14438	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14449	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
14481	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14486	68108	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
14497	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14537	68108	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14545	68108	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14576	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14578	68108	Chromium III	8.4194	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
14617	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14660	68108	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14692	68108	Chromium III	20.296	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14720	68108	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
14818	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14825	68108	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
14849	68108	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14855	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14878	68108	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14914	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
14998	68108	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
15001	68108	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15051	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15053	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
15116	68108	Chromium III	1.9952	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-05	2E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-05	2E-06
15135	68108	Chromium III	24.94	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15248	68108	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
15256	68108	Chromium III	26.144	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
15266	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15337	68108	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
15443	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15468	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15601	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15603	68108	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
15687	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15748	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15768	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15915	68108	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
15939	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
15955	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15966	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
15980	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16006	68108	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
16126	68108	Chromium III	7.8604	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
16135	68108	Chromium III	7.6454	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
16137	68108	Chromium III	18.232	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
16145	68108	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16261	68108	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
16267	68108	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
16319	68108	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
16349	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16446	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16530	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16556	68108	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16581	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16595	68108	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16599	68108	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
16711	68108	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
16813	68108	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
16973	68108	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17004	68108	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17005	68108	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
17022	68108	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17242	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17247	68108	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
17282	68108	Chromium III	73.96	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	7E-05
17316	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17323	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17335	68108	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17360	68108	Chromium III	17.458	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17414	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17416	68108	Chromium III	22.532	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17417	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17418	68108	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17461	68108	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17498	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
17550	68108	Chromium III	7.998	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
17671	68108	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17699	68108	Chromium III	5.5814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
17700	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17701	68108	Chromium III	29.756	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
17703	68108	Chromium III	17.286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
17732	68108	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
17778	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17840	68108	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17849	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17861	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17864	68108	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17865	68108	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17908	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17945	68108	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
17963	68108	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
17968	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
17985	68108	Chromium III	4.8676	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
18129	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18148	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18179	68108	Chromium III	6.794	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
18198	68108	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18218	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18222	68108	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18249	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18328	68108	Chromium III	8.084	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
18330	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
18339	68108	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18385	68108	Chromium III	35.002	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
18422	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18435	68108	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18461	68108	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18486	68108	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18532	68108	Chromium III	19.092	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18547	68108	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
18597	68108	Chromium III	50.052	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
18634	68108	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
18664	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18687	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
18691	68108	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
18697	68108	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18712	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
18718	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18749	68108	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
18800	68108	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
18802	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18833	68108	Chromium III	26.23	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
18890	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18903	68108	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18943	68108	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18968	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
18988	68108	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19030	68108	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19116	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19126	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19153	68108	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19190	68108	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
19343	68108	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19371	68108	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19373	68108	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19417	68108	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19440	68108	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19444	68108	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
19474	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
19640	68108	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19660	68108	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19680	68108	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
19792	68108	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19875	68108	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
19920	68108	Chromium III	18.146	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
19988	68108	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20044	68108	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20137	68108	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
20149	68108	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20168	68108	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20169	68108	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
20244	68108	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
20285	68108	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20287	68108	Chromium III	7.9722	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
20344	68108	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20367	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20464	68108	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20467	68108	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20567	68108	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
20588	68108	Chromium III	6.622	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
20608	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20629	68108	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
20671	68108	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20746	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20752	68108	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20831	68108	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
20881	68108	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
20922	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21123	68108	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
21190	68108	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
21502	68108	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21582	68108	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
21729	68108	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
21863	68108	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22203	68108	Chromium III	4.0979	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	4E-06
22282	68108	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
50453	68108	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50624	68108	Chromium III	33.626	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
74047	68108	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
79306	68108	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
87989	68108	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
88004	68108	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
88031	68108	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
89842	68108	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
90601	68108	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
92372	68108	Chromium III	8.514	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
93003	68108	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
93522	68108	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2069	68110	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2280	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
2354	68110	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2355	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2539	68110	Chromium III	17.286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
3136	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5258	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5388	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5520	68110	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5525	68110	Chromium III	21.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5527	68110	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5530	68110	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5532	68110	Chromium III	21.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5536	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5541	68110	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5544	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5546	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5551	68110	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5559	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5560	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5561	68110	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5563	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5565	68110	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5566	68110	Chromium III	21.242	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5612	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5614	68110	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5641	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5650	68110	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5651	68110	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26122	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26133	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26234	68110	Chromium III	8.858	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
26341	68110	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26410	68110	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
26447	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26465	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26527	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26550	68110	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26762	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27034	68110	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27069	68110	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27291	68110	Chromium III	3.7582	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
27435	68110	Chromium III	19.436	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
27589	68110	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27592	68110	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27683	68110	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27704	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27756	68110	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27815	68110	Chromium III	4.6784	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
27822	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27826	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27840	68110	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
27844	68110	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27884	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27907	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27927	68110	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27984	68110	Chromium III	19.436	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28074	68110	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28075	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
28120	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28167	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28226	68110	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
28335	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28360	68110	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28404	68110	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28421	68110	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28455	68110	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28501	68110	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28550	68110	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
28591	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28647	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28670	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28711	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28717	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28726	68110	Chromium III	25.112	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28905	68110	Chromium III	7.654	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
28977	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28999	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29058	68110	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29063	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29084	68110	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29093	68110	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29095	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
29117	68110	Chromium III	24.166	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29135	68110	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
29207	68110	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29238	68110	Chromium III	6.2866	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
29257	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29271	68110	Chromium III	5.7706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
29283	68110	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29290	68110	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29332	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29360	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29361	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29393	68110	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29421	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29493	68110	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
29500	68110	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29505	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29550	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29610	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29634	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29665	68110	Chromium III	8.5484	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
29753	68110	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29774	68110	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29786	68110	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29795	68110	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
29844	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29877	68110	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29887	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29911	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29913	68110	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29920	68110	Chromium III	8.2216	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
29921	68110	Chromium III	27.606	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
29934	68110	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29942	68110	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29943	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30017	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30172	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
30189	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30210	68110	Chromium III	5.6674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
30291	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30394	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30410	68110	Chromium III	23.22	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30422	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30443	68110	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30469	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30470	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30500	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
30551	68110	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30556	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30566	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30575	68110	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30633	68110	Chromium III	27.262	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30651	68110	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30688	68110	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30705	68110	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30786	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30803	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30870	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30954	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30980	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31097	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31153	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31174	68110	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31223	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31231	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31350	68110	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31401	68110	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
31568	68110	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31645	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31757	68110	Chromium III	19.522	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31760	68110	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
31814	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31832	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31959	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32019	68110	Chromium III	27.004	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32039	68110	Chromium III	27.692	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
32043	68110	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32063	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32214	68110	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
32373	68110	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
32484	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32508	68110	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32529	68110	Chromium III	8.1786	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
32536	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32570	68110	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32645	68110	Chromium III	43.43	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
32707	68110	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32727	68110	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32733	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32734	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32875	68110	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32903	68110	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32915	68110	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32927	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32996	68110	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33078	68110	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33084	68110	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
33280	68110	Chromium III	19.092	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
33421	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33468	68110	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33472	68110	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
33477	68110	Chromium III	8.514	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
33483	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33512	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33519	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
33543	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33555	68110	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
33602	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33629	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33635	68110	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33714	68110	Chromium III	17.286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
33725	68110	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
33840	68110	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33927	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
34002	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34047	68110	Chromium III	57.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-04	5E-05
34116	68110	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34237	68110	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34260	68110	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
34266	68110	Chromium III	23.994	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34272	68110	Chromium III	8.0238	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
34276	68110	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
34287	68110	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
34613	68110	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34625	68110	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
34638	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34674	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34696	68110	Chromium III	18.318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34710	68110	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34733	68110	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34738	68110	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
34742	68110	Chromium III	8.686	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
34821	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35022	68110	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35047	68110	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
35180	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35183	68110	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
35249	68110	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35384	68110	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35438	68110	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
35501	68110	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35558	68110	Chromium III	21.328	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
35589	68110	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35637	68110	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
35710	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
35754	68110	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35787	68110	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35792	68110	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
35793	68110	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36189	68110	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
37075	68110	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37434	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37456	68110	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37525	68110	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37674	68110	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37821	68110	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38725	68110	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
38863	68110	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
39142	68110	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
39271	68110	Chromium III	6.235	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
39434	68110	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
39572	68110	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
55636	68110	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
74149	68110	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
79377	68110	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
81398	68110	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
81400	68110	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
87991	68110	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
90908	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
91449	68110	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
92501	68110	Chromium III	8.342	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
92675	68110	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
93337	68110	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
93338	68110	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
93342	68110	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
93344	68110	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
93345	68110	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2035	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2075	68111	Chromium III	29.928	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
2103	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2109	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2118	68111	Chromium III	3.4701	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
2121	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2126	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2154	68111	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
2179	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
2216	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2225	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2231	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
2262	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2365	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
2425	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2565	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
3046	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
3051	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
3058	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
3091	68111	Chromium III	32.852	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
3133	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
3151	68111	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5013	68111	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5085	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5170	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5171	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5204	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5206	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5208	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5215	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5221	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5230	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5232	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5234	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5236	68111	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5238	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5240	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
5242	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5246	68111	Chromium III	21.844	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5288	68111	Chromium III	21.586	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5296	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5330	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5333	68111	Chromium III	8.686	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
5513	68111	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
5514	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5618	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25647	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25663	68111	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
25670	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25708	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25709	68111	Chromium III	7.912	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
25750	68111	Chromium III	8.5312	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
25780	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25786	68111	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
25794	68111	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
25804	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25805	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25834	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25849	68111	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
25869	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
25874	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25877	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25894	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25903	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
25918	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25921	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
25977	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

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TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)										
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25985	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26005	68111	Chromium III	18.92	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
26009	68111	Chromium III	20.64	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
26011	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26030	68111	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
26042	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26043	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26045	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26053	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26084	68111	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
26100	68111	Chromium III	27.434	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
26124	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26135	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26142	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26149	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26160	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26164	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26191	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26199	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26202	68111	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26204	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26211	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26215	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26228	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26229	68111	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26231	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26249	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26257	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26263	68111	Chromium III	123.84	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
26288	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26289	68111	Chromium III	23.994	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
26290	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
26295	68111	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
26303	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26327	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26372	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26428	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26456	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26459	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26480	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26485	68111	Chromium III	8.1356	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
26514	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26518	68111	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
26543	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
26570	68111	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
26604	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
26653	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26663	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26665	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26682	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26695	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26716	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26742	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26757	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26759	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26772	68111	Chromium III	19.78	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
26779	68111	Chromium III	38.012	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
26783	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26834	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
26844	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
26858	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26865	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
26868	68111	Chromium III	7.6024	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
26869	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
26877	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26891	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26948	68111	Chromium III	22.532	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
26955	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26967	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26996	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
26997	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
26999	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27005	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
27031	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27038	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27052	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27074	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27096	68111	Chromium III	122.12	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
27107	68111	Chromium III	3.5432	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
27117	68111	Chromium III	8.428	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
27120	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27137	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27138	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27139	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27140	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27142	68111	Chromium III	19.092	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
27144	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27145	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27148	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27177	68111	Chromium III	1.9264	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-05	2E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-05	2E-06
27185	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27191	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27193	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27202	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27264	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27266	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
27269	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27278	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
27308	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
27315	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27318	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27342	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27347	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27366	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27369	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27399	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27402	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27446	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27461	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27467	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27475	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27481	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27488	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27524	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27567	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27581	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27585	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27604	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27608	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27630	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27632	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27658	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
27718	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27734	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
27739	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27742	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
27764	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27768	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27780	68111	Chromium III	16.684	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
27854	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27859	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27885	68111	Chromium III	20.124	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
27886	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
27913	68111	Chromium III	5.2288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	5E-06
27920	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
27924	68111	Chromium III	7.6196	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
27939	68111	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
27962	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28004	68111	Chromium III	19.78	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28011	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28019	68111	Chromium III	23.564	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28020	68111	Chromium III	7.568	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
28022	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
28045	68111	Chromium III	23.736	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28065	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28072	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28105	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
28108	68111	Chromium III	36.464	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
28144	68111	Chromium III	19.35	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28148	68111	Chromium III	7.009	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
28154	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28157	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28185	68111	Chromium III	6.966	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
28186	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28188	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28218	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28222	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28273	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28284	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28329	68111	Chromium III	19.092	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28338	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28375	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28377	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28417	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28423	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28434	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28518	68111	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
28544	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28558	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28561	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
28573	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28611	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28612	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28618	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28623	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28625	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28648	68111	Chromium III	34.056	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
28661	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28688	68111	Chromium III	5.7706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
28709	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28713	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28725	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28730	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28749	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
28763	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28764	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28766	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28781	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
28785	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28798	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28799	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28809	68111	Chromium III	7.095	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
28811	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
28819	68111	Chromium III	8.385	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
28836	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28837	68111	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28841	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28846	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28893	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28909	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28942	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28959	68111	Chromium III	21.414	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
28963	68111	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28967	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
28984	68111	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
28991	68111	Chromium III	37.066	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
29002	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29023	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
29033	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29037	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29071	68111	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29090	68111	Chromium III	20.038	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29101	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29102	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29105	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29155	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
29165	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29175	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29177	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29181	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29204	68111	Chromium III	0.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
29205	68111	Chromium III	30.874	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
29214	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29220	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29240	68111	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
29248	68111	Chromium III	6.407	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
29274	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29285	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29328	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29343	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29354	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29358	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29386	68111	Chromium III	7.181	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
29409	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29431	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29432	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29445	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29469	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29499	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29552	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29558	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29578	68111	Chromium III	17.63	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29608	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29625	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29633	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29671	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29678	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29683	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
29684	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29689	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29717	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29777	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29792	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
29806	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29818	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29824	68111	Chromium III	7.3702	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
29826	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29881	68111	Chromium III	19.264	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29889	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29910	68111	Chromium III	18.92	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29912	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
29927	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29953	68111	Chromium III	20.984	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
29974	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29978	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
29991	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
29993	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30012	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30045	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30050	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30068	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30078	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30081	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30123	68111	Chromium III	22.876	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30130	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30133	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30161	68111	Chromium III	18.834	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30169	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30171	68111	Chromium III	8.858	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
30177	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30182	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30201	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
30220	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30225	68111	Chromium III	20.038	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30244	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30253	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30345	68111	Chromium III	28.208	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
30347	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
30387	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30417	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30420	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30434	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30455	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30462	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30494	68111	Chromium III	7.7916	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
30521	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30526	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30536	68111	Chromium III	17.458	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
30563	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30580	68111	Chromium III	0.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
30625	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30644	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
30645	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30683	68111	Chromium III	7.138	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
30699	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
30700	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30714	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30757	68111	Chromium III	31.046	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
30802	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30813	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30817	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30836	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30841	68111	Chromium III	21.156	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30844	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
30881	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30888	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30918	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
30927	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
30932	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
30933	68111	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
30939	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
30978	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
30991	68111	Chromium III	20.898	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30995	68111	Chromium III	19.952	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
30997	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
31008	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31042	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
31045	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31046	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31052	68111	Chromium III	8.4022	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
31056	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31071	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
31074	68111	Chromium III	26.746	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31076	68111	Chromium III	7.7314	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
31081	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31102	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31104	68111	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31120	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31129	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31131	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31141	68111	Chromium III	26.488	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31145	68111	Chromium III	29.24	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
31163	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31171	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
31176	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31186	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31189	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
31192	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06

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TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31206	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31229	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31237	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31262	68111	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
31300	68111	Chromium III	21.5	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31303	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
31316	68111	Chromium III	78.432	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-04	7E-05
31357	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31360	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31361	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
31362	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31365	68111	Chromium III	29.498	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
31366	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31377	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31398	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31408	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31433	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
31442	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31444	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31457	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31478	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31517	68111	Chromium III	25.628	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31583	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
31603	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31607	68111	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31615	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31695	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31698	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31733	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31740	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31799	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31803	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31823	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31850	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31853	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31854	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
31858	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
31868	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31871	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31882	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
31887	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31896	68111	Chromium III	8.772	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
31899	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
31911	68111	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31925	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31936	68111	Chromium III	25.628	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31964	68111	Chromium III	22.36	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31965	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
31977	68111	Chromium III	19.952	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
31986	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32001	68111	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
32016	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32021	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32022	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
32040	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32046	68111	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32049	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32070	68111	Chromium III	8.6	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
32081	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32089	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32092	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32153	68111	Chromium III	19.178	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32162	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
32168	68111	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32208	68111	Chromium III	7.8088	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
32228	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32252	68111	Chromium III	142.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
32256	68111	Chromium III	19.35	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32261	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32267	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32276	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32277	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32283	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32284	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32287	68111	Chromium III	19.952	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32293	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32311	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
32316	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32325	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
32339	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32346	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32414	68111	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32418	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32428	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32429	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32441	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32444	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

OLS

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32455	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32456	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32458	68111	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
32497	68111	Chromium III	20.64	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32502	68111	Chromium III	24.768	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32539	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32547	68111	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
32562	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32581	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32596	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
32633	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32673	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32678	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32686	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32696	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32702	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32708	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32736	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32775	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
32779	68111	Chromium III	7.955	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
32780	68111	Chromium III	25.456	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32783	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32818	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32847	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
32851	68111	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32852	68111	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32874	68111	Chromium III	8.686	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
32876	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32891	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32896	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32912	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32914	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
32931	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
32940	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32949	68111	Chromium III	23.65	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
32968	68111	Chromium III	0.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
32972	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32973	68111	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
32974	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32989	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
32992	68111	Chromium III	51.256	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
33009	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33012	68111	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33014	68111	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33036	68111	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33037	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
33042	68111	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33043	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33060	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33062	68111	Chromium III	24.166	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
33120	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
33177	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33207	68111	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33296	68111	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
33314	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33317	68111	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33350	68111	Chromium III	8.686	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
33372	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33392	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33453	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33456	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33480	68111	Chromium III	19.35	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
33492	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
33600	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33607	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33630	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33631	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33647	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33696	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33711	68111	Chromium III	6.794	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
33741	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33772	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
33803	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33805	68111	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
33806	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33818	68111	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33831	68111	Chromium III	26.23	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
33833	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33856	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33863	68111	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
33875	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33903	68111	Chromium III	17.286	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
33915	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
33947	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
33997	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34037	68111	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
34040	68111	Chromium III	19.436	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	$CSFo\ (mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	$CSF_{ABS}\ (mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34059	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
34060	68111	Chromium III	34.658	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
34075	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34088	68111	Chromium III	25.284	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34126	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34128	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34142	68111	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
34173	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34179	68111	Chromium III	6.6564	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
34200	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34219	68111	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34222	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34224	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34225	68111	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34247	68111	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
34251	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34255	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34257	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34320	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34371	68111	Chromium III	19.178	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34377	68111	Chromium III	21.156	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
34387	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34396	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34430	68111	Chromium III	6.364	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
34444	68111	Chromium III	31.648	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
34478	68111	Chromium III	7.9808	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
34503	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
34560	68111	Chromium III	17.458	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
34562	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34595	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34621	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34626	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
34639	68111	Chromium III	5.375	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
34663	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34669	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34691	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34703	68111	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34766	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34778	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34888	68111	Chromium III	48.59	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
34892	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34904	68111	Chromium III	73.53	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	7E-05
34917	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34923	68111	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34936	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34948	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34953	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34985	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34993	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
34999	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35003	68111	Chromium III	16.598	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
35014	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
35042	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
35043	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35059	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
35072	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35095	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35137	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
35152	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35223	68111	Chromium III	20.296	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
35233	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35242	68111	Chromium III	24.854	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
35252	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35273	68111	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35285	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35287	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35288	68111	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35290	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35350	68111	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
35404	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35417	68111	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35458	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35495	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35503	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
35513	68111	Chromium III	31.046	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
35517	68111	Chromium III	34.314	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
35536	68111	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35575	68111	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35614	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35619	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35786	68111	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35821	68111	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
35822	68111	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35826	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35830	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
35877	68111	Chromium III	15.824	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35921	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

OLS_

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
35935	68111	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
35943	68111	Chromium III	33.626	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
35947	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
35964	68111	Chromium III	23.134	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
35969	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
36000	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36007	68111	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
36015	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36024	68111	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
36040	68111	Chromium III	18.662	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
36046	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36072	68111	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
36093	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36116	68111	Chromium III	18.49	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
36138	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
36167	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36194	68111	Chromium III	15.394	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36212	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36238	68111	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36246	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
36251	68111	Chromium III	18.748	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
36257	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36259	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36269	68111	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
36325	68111	Chromium III	8.4624	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
36356	68111	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36408	68111	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36410	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36427	68111	Chromium III	7.052	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
36464	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36467	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36507	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36557	68111	Chromium III	27.262	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
36574	68111	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36656	68111	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
36679	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
36701	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
36706	68111	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
36936	68111	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37023	68111	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37025	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
37031	68111	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37036	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37049	68111	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37087	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37097	68111	Chromium III	24.338	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
37156	68111	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
37189	68111	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
37193	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
37210	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37219	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37223	68111	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37226	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37276	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37361	68111	Chromium III	5.6416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
37402	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37465	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
37470	68111	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37684	68111	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37738	68111	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37756	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
37907	68111	Chromium III	18.748	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
37934	68111	Chromium III	22.188	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
38007	68111	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
38054	68111	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
38066	68111	Chromium III	15.222	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38087	68111	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38202	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38210	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38253	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
38261	68111	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
38269	68111	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38300	68111	Chromium III	24.338	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
38363	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38383	68111	Chromium III	29.584	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
38407	68111	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38439	68111	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
38446	68111	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38449	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
38527	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38585	68111	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38587	68111	Chromium III	39.732	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
38721	68111	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
38724	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
38759	68111	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38780	68111	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
38864	68111	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49203	68111	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49313	68111	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49314	68111	Chromium III	12.212	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49319	68111	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49341	68111	Chromium III	7.5852	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
49345	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
49354	68111	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50024	68111	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50049	68111	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50080	68111	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50105	68111	Chromium III	14.104	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50107	68111	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50120	68111	Chromium III	9.46	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50146	68111	Chromium III	9.03	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50356	68111	Chromium III	8.1356	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
50404	68111	Chromium III	9.632	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50410	68111	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
50417	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50424	68111	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50434	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50447	68111	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
63239	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
63751	68111	Chromium III	9.718	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
68070	68111	Chromium III	6.6994	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
68686	68111	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
73862	68111	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
74664	68111	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
75011	68111	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
77146	68111	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
79703	68111	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
79704	68111	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
87761	68111	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
89893	68111	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
90107	68111	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
91234	68111	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
91335	68111	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
91926	68111	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
2269	68112	Chromium III	18.318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
39755	68112	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
39951	68112	Chromium III	16.684	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
40194	68112	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
40523	68112	Chromium III	45.494	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
40879	68112	Chromium III	24.252	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
2097	68131	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2156	68131	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
2165	68131	Chromium III	18.318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5037	68131	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5150	68131	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5153	68131	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5186	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5188	68131	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5195	68131	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5197	68131	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5260	68131	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5272	68131	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5278	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5298	68131	Chromium III	23.736	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5377	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5379	68131	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5380	68131	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
22856	68131	Chromium III	22.016	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23003	68131	Chromium III	24.682	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23016	68131	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23028	68131	Chromium III	3.3196	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
23072	68131	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23093	68131	Chromium III	7.826	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
23144	68131	Chromium III	49.708	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
23145	68131	Chromium III	18.318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23150	68131	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
23153	68131	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23211	68131	Chromium III	34.658	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
23237	68131	Chromium III	17.63	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23274	68131	Chromium III	34.83	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
23280	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23301	68131	Chromium III	7.3788	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
23338	68131	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23344	68131	Chromium III	15.996	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23379	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23399	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23425	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23433	68131	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23442	68131	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23460	68131	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23502	68131	Chromium III	8.428	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
23512	68131	Chromium III	23.306	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23532	68131	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23537	68131	Chromium III	27.09	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo $(mg/kg\text{-}d)^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child	NONCANCER HQ-adult
23539	68131	Chromium III	18.146	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23577	68131	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23580	68131	Chromium III	24.94	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23584	68131	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
23586	68131	Chromium III	15.738	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23611	68131	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23634	68131	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
23673	68131	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
23675	68131	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
23700	68131	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23742	68131	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23786	68131	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
23788	68131	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23790	68131	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23817	68131	Chromium III	17.544	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
23822	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23824	68131	Chromium III	14.018	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23845	68131	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23872	68131	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23895	68131	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
23899	68131	Chromium III	8.3076	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
23922	68131	Chromium III	19.522	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23930	68131	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23961	68131	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
23967	68131	Chromium III	21.156	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23968	68131	Chromium III	18.49	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
23985	68131	Chromium III	0.86	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-06	8E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-06	8E-07
23986	68131	Chromium III	8.3764	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
24000	68131	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
24010	68131	Chromium III	21.93	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24019	68131	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24027	68131	Chromium III	27.52	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
24098	68131	Chromium III	19.092	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24109	68131	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24119	68131	Chromium III	18.318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24126	68131	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24132	68131	Chromium III	19.866	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24141	68131	Chromium III	22.102	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24156	68131	Chromium III	26.23	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24162	68131	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24182	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24190	68131	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
24214	68131	Chromium III	20.468	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24240	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24272	68131	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
24274	68131	Chromium III	29.412	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
24277	68131	Chromium III	177.16	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
24334	68131	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
24348	68131	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
24357	68131	Chromium III	25.198	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24358	68131	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24367	68131	Chromium III	14.964	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24370	68131	Chromium III	16.512	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
24374	68131	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24376	68131	Chromium III	5.762	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
24390	68131	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24396	68131	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24411	68131	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24451	68131	Chromium III	10.492	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
24457	68131	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24577	68131	Chromium III	41.022	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
24601	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24605	68131	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24635	68131	Chromium III	18.576	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24640	68131	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24655	68131	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24674	68131	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
24692	68131	Chromium III	3.182	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-05	3E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-05	3E-06
24693	68131	Chromium III	32.078	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
24703	68131	Chromium III	9.374	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
24740	68131	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
24751	68131	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24757	68131	Chromium III	17.458	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
24768	68131	Chromium III	7.826	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
24776	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24794	68131	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24800	68131	Chromium III	10.406	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
24808	68131	Chromium III	9.546	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
24887	68131	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24896	68131	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
24931	68131	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
24958	68131	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
24962	68131	Chromium III	19.952	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
24964	68131	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25005	68131	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25009	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25061	68131	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25063	68131	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25078	68131	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25096	68131	Chromium III	12.47	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25130	68131	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25133	68131	Chromium III	22.532	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
25137	68131	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25167	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25185	68131	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25189	68131	Chromium III	45.58	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
25193	68131	Chromium III	30.186	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
25202	68131	Chromium III	6.837	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
25204	68131	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25231	68131	Chromium III	13.072	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25242	68131	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25281	68131	Chromium III	29.326	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
25285	68131	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
25296	68131	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25315	68131	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25324	68131	Chromium III	12.556	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25329	68131	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25331	68131	Chromium III	15.652	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25335	68131	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25337	68131	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
25385	68131	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25391	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25410	68131	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25425	68131	Chromium III	35.002	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
25456	68131	Chromium III	8.686	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
25547	68131	Chromium III	8.2388	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
25554	68131	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25558	68131	Chromium III	2.2704	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-05	2E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-05	2E-06
25579	68131	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25604	68131	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25607	68131	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
25634	68131	Chromium III	11.094	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
25657	68131	Chromium III	16.168	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50446	68131	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
89514	68131	Chromium III	10.062	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
93114	68131	Chromium III	25.026	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
93413	68131	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
93419	68131	Chromium III	20.898	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5139	68132	Chromium III	22.532	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
5140	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
5313	68132	Chromium III	50.482	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
5317	68132	Chromium III	9.116	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49490	68132	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
49500	68132	Chromium III	36.722	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
49505	68132	Chromium III	43.344	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
49521	68132	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
49544	68132	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49558	68132	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49578	68132	Chromium III	36.98	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
49618	68132	Chromium III	17.974	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49625	68132	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49627	68132	Chromium III	17.888	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49628	68132	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49642	68132	Chromium III	50.826	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
49663	68132	Chromium III	21.758	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49671	68132	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49672	68132	Chromium III	9.804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
49676	68132	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49678	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49682	68132	Chromium III	10.75	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49697	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49701	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49704	68132	Chromium III	11.18	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49716	68132	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49717	68132	Chromium III	179.74	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49724	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49725	68132	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49726	68132	Chromium III	13.244	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49727	68132	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49736	68132	Chromium III	11.954	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49739	68132	Chromium III	8.858	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49759	68132	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49760	68132	Chromium III	13.588	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49774	68132	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49781	68132	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49783	68132	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
49793	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49800	68132	Chromium III	9.202	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49806	68132	Chromium III	10.578	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49812	68132	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49819	68132	Chromium III	19.522	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49833	68132	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49846	68132	Chromium III	10.836	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49852	68132	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

									HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49853	68132	Chromium III	25.714	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49855	68132	Chromium III	20.124	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49863	68132	Chromium III	17.114	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
49884	68132	Chromium III	49.536	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
49892	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
49902	68132	Chromium III	6.1318	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	6E-06
49907	68132	Chromium III	11.008	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
49911	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49913	68132	Chromium III	17.028	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
49918	68132	Chromium III	11.61	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49922	68132	Chromium III	4.816	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
49929	68132	Chromium III	6.622	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	6E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	6E-06
49931	68132	Chromium III	12.298	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49936	68132	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49941	68132	Chromium III	9.976	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
49943	68132	Chromium III	12.642	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49953	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49956	68132	Chromium III	4.73	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
49958	68132	Chromium III	11.524	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49961	68132	Chromium III	9.288	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
49971	68132	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49974	68132	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
49986	68132	Chromium III	32.164	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
49994	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
49995	68132	Chromium III	12.728	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50479	68132	Chromium III	9.89	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	9E-06
50484	68132	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50485	68132	Chromium III	15.05	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
50536	68132	Chromium III	37.582	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51190	68132	Chromium III	44.548	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
51214	68132	Chromium III	39.99	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
51217	68132	Chromium III	18.49	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51225	68132	Chromium III	47.816	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
51228	68132	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51234	68132	Chromium III	26.23	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51256	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51263	68132	Chromium III	21.414	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51270	68132	Chromium III	21.672	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51278	68132	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51280	68132	Chromium III	4.687	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
51327	68132	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51349	68132	Chromium III	0.9804	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-06	9E-07	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-06	9E-07
51361	68132	Chromium III	22.532	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51369	68132	Chromium III	31.648	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51381	68132	Chromium III	79.894	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-04	7E-05
51391	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51392	68132	Chromium III	25.886	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51394	68132	Chromium III	27.692	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51401	68132	Chromium III	8.514	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	8E-06
51412	68132	Chromium III	32.164	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51437	68132	Chromium III	151.36	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
51440	68132	Chromium III	14.878	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51457	68132	Chromium III	27.606	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51483	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51492	68132	Chromium III	37.496	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51504	68132	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51512	68132	Chromium III	43.688	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
51519	68132	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51525	68132	Chromium III	38.356	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	4E-05
51544	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51546	68132	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51551	68132	Chromium III	13.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51569	68132	Chromium III	22.446	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51587	68132	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51588	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51598	68132	Chromium III	106.64	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	1E-04
51600	68132	Chromium III	200.38	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51607	68132	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51630	68132	Chromium III	11.696	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51640	68132	Chromium III	5.375	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-05	5E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-05	5E-06
51645	68132	Chromium III	16.684	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51646	68132	Chromium III	18.404	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51659	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51667	68132	Chromium III	12.814	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51671	68132	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
51676	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51705	68132	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51706	68132	Chromium III	19.866	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51708	68132	Chromium III	13.502	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51710	68132	Chromium III	16.426	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51712	68132	Chromium III	20.038	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51735	68132	Chromium III	26.488	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51750	68132	Chromium III	13.932	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51752	68132	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51767	68132	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51769	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51779	68132	Chromium III	15.91	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51780	68132	Chromium III	28.036	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51785	68132	Chromium III	36.12	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51790	68132	Chromium III	15.566	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51800	68132	Chromium III	16.942	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51803	68132	Chromium III	20.038	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51805	68132	Chromium III	16.684	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51807	68132	Chromium III	11.868	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51808	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
51820	68132	Chromium III	16.77	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51829	68132	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51840	68132	Chromium III	10.234	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
51844	68132	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51846	68132	Chromium III	27.95	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
51847	68132	Chromium III	19.694	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51854	68132	Chromium III	34.4	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
51855	68132	Chromium III	14.362	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51857	68132	Chromium III	25.456	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51861	68132	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
51863	68132	Chromium III	12.384	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51866	68132	Chromium III	11.438	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51872	68132	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
51897	68132	Chromium III	16.082	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51918	68132	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51921	68132	Chromium III	13.846	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51938	68132	Chromium III	10.922	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05
51946	68132	Chromium III	7.31	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-05	7E-06
51949	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51959	68132	Chromium III	344	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51960	68132	Chromium III	45.064	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	4E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	4E-05
51972	68132	Chromium III	14.448	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
51990	68132	Chromium III	10.148	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06
51997	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52023	68132	Chromium III	20.812	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52035	68132	Chromium III	33.368	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-04	3E-05
52046	68132	Chromium III	17.716	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52054	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52059	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52075	68132	Chromium III	13.158	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52078	68132	Chromium III	12.04	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52080	68132	Chromium III	17.372	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
52085	68132	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52090	68132	Chromium III	51.084	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-04	5E-05
52091	68132	Chromium III	13.416	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52097	68132	Chromium III	21.758	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52101	68132	Chromium III	15.136	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52106	68132	Chromium III	22.36	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52112	68132	Chromium III	12.986	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52119	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52122	68132	Chromium III	14.792	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52128	68132	Chromium III	8.084	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-05	7E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-05	7E-06
52129	68132	Chromium III	16.34	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52137	68132	Chromium III	20.812	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52140	68132	Chromium III	13.674	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52141	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52150	68132	Chromium III	19.694	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52155	68132	Chromium III	20.554	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52158	68132	Chromium III	74.82	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	7E-05
52166	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52167	68132	Chromium III	16.254	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52177	68132	Chromium III	29.326	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	3E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	3E-05
52178	68132	Chromium III	27.176	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52181	68132	Chromium III	12.126	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52186	68132	Chromium III	14.276	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52187	68132	Chromium III	17.2	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
52190	68132	Chromium III	14.534	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52192	68132	Chromium III	8.944	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
52198	68132	Chromium III	16.856	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	2E-05
52202	68132	Chromium III	63.64	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-04	6E-05
52206	68132	Chromium III	15.308	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52214	68132	Chromium III	21.07	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52226	68132	Chromium III	26.746	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52228	68132	Chromium III	99.76	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	9E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	9E-05
52243	68132	Chromium III	17.802	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52244	68132	Chromium III	19.608	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52246	68132	Chromium III	14.706	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52327	68132	Chromium III	14.19	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52336	68132	Chromium III	11.352	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52356	68132	Chromium III	15.48	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52357	68132	Chromium III	11.266	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52367	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52378	68132	Chromium III	12.9	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52386	68132	Chromium III	26.574	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
52387	68132	Chromium III	13.33	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
52411	68132	Chromium III	17.63	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
63007	68132	Chromium III	14.62	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
66781	68132	Chromium III	11.782	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1E-05
66791	68132	Chromium III	10.32	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	9E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	9E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium III

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
92431	68132	Chromium III	10.664	1.50E+00	--	1.95E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-05	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-05	1E-05

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22493	68102	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25567	68102	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25717	68102	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25720	68102	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25914	68102	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
90101	68102	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2133	68104	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5026	68104	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5143	68104	Chromium VI	5.754	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5144	68104	Chromium VI	7.882	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5145	68104	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5147	68104	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50647	68104	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1626	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2229	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2299	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2300	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2308	68105	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2441	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2448	68105	Chromium VI	0.756	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
2465	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3076	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3118	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5054	68105	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5067	68105	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5105	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5109	68105	Chromium VI	7.21	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5110	68105	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5112	68105	Chromium VI	5.488	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5117	68105	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5123	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5128	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5129	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5132	68105	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5134	68105	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5325	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5338	68105	Chromium VI	11.83	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5347	68105	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5351	68105	Chromium VI	0.01792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-05	8E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-05	8E-06
5352	68105	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5355	68105	Chromium VI	3.738	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5356	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5357	68105	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5359	68105	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5361	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5363	68105	Chromium VI	3.052	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5364	68105	Chromium VI	14.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5365	68105	Chromium VI	7.91	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5367	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5486	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5488	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5489	68105	Chromium VI	6.286	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5495	68105	Chromium VI	19.74	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5509	68105	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5610	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12784	68105	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12864	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12875	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12886	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12964	68105	Chromium VI	4.788	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12995	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13069	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13073	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13092	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13166	68105	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13185	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13187	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13191	68105	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
13204	68105	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13209	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13237	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13240	68105	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13245	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13248	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13273	68105	Chromium VI	4.354	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13283	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13322	68105	Chromium VI	2.401	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13336	68105	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13370	68105	Chromium VI	3.598	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13381	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13389	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13403	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13437	68105	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
13438	68105	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13460	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13476	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13573	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
13793	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13851	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13863	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13869	68105	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13871	68105	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13880	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13918	68105	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13919	68105	Chromium VI	5.852	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
13935	68105	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13984	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14003	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14024	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14050	68105	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
14063	68105	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14080	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14098	68105	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14199	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14238	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14322	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14326	68105	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14341	68105	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14407	68105	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14410	68105	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14460	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14492	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14525	68105	Chromium VI	3.192	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14528	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14536	68105	Chromium VI	3.052	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14544	68105	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14556	68105	Chromium VI	5.264	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14557	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14577	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14602	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14647	68105	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14656	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14688	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14718	68105	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14739	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14752	68105	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14780	68105	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14817	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14823	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14860	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14885	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14913	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14959	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14964	68105	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14976	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14992	68105	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15003	68105	Chromium VI	17.759	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
15044	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15045	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15058	68105	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15060	68105	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
15091	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15106	68105	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15166	68105	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15227	68105	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15231	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15255	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15278	68105	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15279	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15292	68105	Chromium VI	2.94	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15299	68105	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15308	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15317	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15329	68105	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15336	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15348	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15363	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15372	68105	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15416	68105	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15496	68105	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15519	68105	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15526	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15577	68105	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15587	68105	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15611	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15651	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15686	68105	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15695	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15728	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15801	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15835	68105	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15842	68105	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15871	68105	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15891	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16182	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16186	68105	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16230	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16236	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
16243	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16271	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16308	68105	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16309	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16321	68105	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16333	68105	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16364	68105	Chromium VI	1.358	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16365	68105	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16384	68105	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16395	68105	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16420	68105	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16472	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16473	68105	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16478	68105	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16486	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16499	68105	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16545	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16572	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16589	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16618	68105	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
16646	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16668	68105	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16749	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16772	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16777	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16793	68105	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16851	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16866	68105	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16869	68105	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16889	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
16893	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16922	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16928	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16946	68105	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16963	68105	Chromium VI	3.598	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16974	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17040	68105	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17055	68105	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17065	68105	Chromium VI	6.09	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17076	68105	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17097	68105	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17108	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17142	68105	Chromium VI	4.424	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17179	68105	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17198	68105	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17199	68105	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17270	68105	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17298	68105	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17300	68105	Chromium VI	3.038	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17348	68105	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17374	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17379	68105	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17542	68105	Chromium VI	4.116	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17557	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17719	68105	Chromium VI	3.318	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17725	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17745	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17753	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17802	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17803	68105	Chromium VI	5.432	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17827	68105	Chromium VI	5.796	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17876	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17899	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17918	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17934	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17935	68105	Chromium VI	3.808	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18036	68105	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18133	68105	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
18147	68105	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18177	68105	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18187	68105	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
18189	68105	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18281	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18321	68105	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18349	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18452	68105	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18453	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18469	68105	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18499	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18561	68105	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18573	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18598	68105	Chromium VI	6.86	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18610	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
18882	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18898	68105	Chromium VI	5.6	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18927	68105	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18934	68105	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19015	68105	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19028	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19127	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19129	68105	Chromium VI	6.174	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19169	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19288	68105	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
19310	68105	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19334	68105	Chromium VI	19.18	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
19344	68105	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19448	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19485	68105	Chromium VI	0.6951	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19489	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19496	68105	Chromium VI	3.528	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19561	68105	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19602	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19612	68105	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19655	68105	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19671	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19676	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19728	68105	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19729	68105	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19768	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
19787	68105	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19791	68105	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19812	68105	Chromium VI	0.6741	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19831	68105	Chromium VI	1.092	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
19839	68105	Chromium VI	0.7168	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19858	68105	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19864	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19915	68105	Chromium VI	3.192	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19923	68105	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19932	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
19938	68105	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19972	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19976	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19987	68105	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20069	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20080	68105	Chromium VI	10.038	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
20105	68105	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20110	68105	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20128	68105	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20170	68105	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20218	68105	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20236	68105	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20313	68105	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
20315	68105	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20342	68105	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20420	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20426	68105	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
20452	68105	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20470	68105	Chromium VI	5.334	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20471	68105	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20477	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
20506	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20510	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20535	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
20545	68105	Chromium VI	10.696	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
20557	68105	Chromium VI	3.36	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20584	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20590	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20603	68105	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20610	68105	Chromium VI	6.216	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20612	68105	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20656	68105	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20674	68105	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
20685	68105	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20702	68105	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20759	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20777	68105	Chromium VI	0.728	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20823	68105	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
20845	68105	Chromium VI	0.392	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20856	68105	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20883	68105	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20908	68105	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20925	68105	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20945	68105	Chromium VI	5.068	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20961	68105	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20964	68105	Chromium VI	10.43	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
21005	68105	Chromium VI	1.1802	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21012	68105	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21019	68105	Chromium VI	5.53	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
21053	68105	Chromium VI	0.882	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21064	68105	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
21309	68105	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
21336	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21355	68105	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
21390	68105	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21394	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21436	68105	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21454	68105	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21490	68105	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21498	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21513	68105	Chromium VI	9.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
21535	68105	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21551	68105	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
21560	68105	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21565	68105	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
21578	68105	Chromium VI	11.466	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
21609	68105	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21614	68105	Chromium VI	3.402	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
21625	68105	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
21653	68105	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
21677	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21689	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
21705	68105	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21714	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21720	68105	Chromium VI	16.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
21724	68105	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21730	68105	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21744	68105	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21811	68105	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21815	68105	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
21822	68105	Chromium VI	2.94	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21836	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21881	68105	Chromium VI	0.6076	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21884	68105	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
21901	68105	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21916	68105	Chromium VI	3.612	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21925	68105	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21941	68105	Chromium VI	1.3916	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21956	68105	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21981	68105	Chromium VI	4.046	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21985	68105	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21989	68105	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22006	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22013	68105	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22024	68105	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22025	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22027	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22034	68105	Chromium VI	3.29	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
22036	68105	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22039	68105	Chromium VI	3.794	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22044	68105	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22046	68105	Chromium VI	14.56	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
22056	68105	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22061	68105	Chromium VI	3.92	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22074	68105	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22079	68105	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
22080	68105	Chromium VI	3.29	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
22177	68105	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22181	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
22183	68105	Chromium VI	0.812	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
22230	68105	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
22273	68105	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
22295	68105	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
22320	68105	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22344	68105	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22358	68105	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22386	68105	Chromium VI	4.83	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22399	68105	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
22405	68105	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22453	68105	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22563	68105	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22574	68105	Chromium VI	4.046	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22636	68105	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22715	68105	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22716	68105	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22754	68105	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22772	68105	Chromium VI	3.234	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22832	68105	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49272	68105	Chromium VI	3.416	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49289	68105	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50528	68105	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50574	68105	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
90427	68105	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
93120	68105	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
93354	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93358	68105	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93364	68105	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
93381	68105	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51079	68106	Chromium VI	4.718	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51080	68106	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51082	68106	Chromium VI	3.822	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51089	68106	Chromium VI	4.284	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51093	68106	Chromium VI	0.6083	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51101	68106	Chromium VI	6.832	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51102	68106	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51113	68106	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51116	68106	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51118	68106	Chromium VI	6.608	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51120	68106	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51123	68106	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51126	68106	Chromium VI	6.594	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51127	68106	Chromium VI	3.192	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51132	68106	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51133	68106	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51143	68106	Chromium VI	0.868	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
51155	68106	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51158	68106	Chromium VI	5.026	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51160	68106	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51162	68106	Chromium VI	3.864	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51184	68106	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2030	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2038	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2056	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2104	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2124	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2167	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2206	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2220	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2252	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2273	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2292	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2496	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2499	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
3003	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3021	68107	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3074	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3121	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5066	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5076	68107	Chromium VI	4.102	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5130	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5157	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5159	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5161	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5163	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5165	68107	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5166	68107	Chromium VI	12.684	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5172	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5176	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5178	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5180	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5182	68107	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5183	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5185	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5211	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5212	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10008	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10018	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10044	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10046	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10072	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10073	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10088	68107	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
10095	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10111	68107	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10130	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10134	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10214	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10241	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10290	68107	Chromium VI	0.6846	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10295	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10299	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10310	68107	Chromium VI	6.482	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10328	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10329	68107	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10387	68107	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10401	68107	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10403	68107	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10425	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10432	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10455	68107	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
10458	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10468	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10471	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10484	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10492	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10654	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10662	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10670	68107	Chromium VI	8.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
10687	68107	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10707	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10720	68107	Chromium VI	5.026	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10735	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10738	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10794	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10814	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10822	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10831	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10834	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10842	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10848	68107	Chromium VI	1.2348	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10858	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10860	68107	Chromium VI	3.5	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10870	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10876	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10877	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10880	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10895	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10909	68107	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10914	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10920	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10925	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10931	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10938	68107	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10944	68107	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10947	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10950	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10965	68107	Chromium VI	4.606	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10970	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10990	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10991	68107	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11036	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11069	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11070	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11082	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11094	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11107	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11118	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11142	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11155	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11172	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11179	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11191	68107	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11194	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11203	68107	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11208	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11222	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11230	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11232	68107	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11233	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11246	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11258	68107	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11268	68107	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11272	68107	Chromium VI	3.528	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11283	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11303	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11309	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11312	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11321	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11343	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11349	68107	Chromium VI	3.472	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11367	68107	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11372	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11385	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11387	68107	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11400	68107	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11403	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11408	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11410	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11416	68107	Chromium VI	7.35	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11423	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11439	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11444	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11449	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11465	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11469	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11491	68107	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11494	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11523	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11552	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11558	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11568	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11599	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11777	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11807	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11829	68107	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11842	68107	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11865	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11894	68107	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11902	68107	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11910	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11941	68107	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11960	68107	Chromium VI	1.2026	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11982	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12002	68107	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12009	68107	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12012	68107	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12037	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12047	68107	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12086	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12114	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12116	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12118	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12124	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12126	68107	Chromium VI	3.066	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12152	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12166	68107	Chromium VI	3.5	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12194	68107	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12206	68107	Chromium VI	1.3734	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12220	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12227	68107	Chromium VI	3.906	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12239	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12290	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12296	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12338	68107	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12344	68107	Chromium VI	4.186	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12351	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12372	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12388	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12407	68107	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12410	68107	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12414	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12424	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12439	68107	Chromium VI	1.2712	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12449	68107	Chromium VI	4.102	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12457	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12506	68107	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12514	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12529	68107	Chromium VI	3.808	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12530	68107	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12547	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12551	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12567	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12572	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12588	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12590	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12605	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12644	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12667	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12714	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12729	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12741	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12755	68107	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12761	68107	Chromium VI	0.6692	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12794	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12830	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12848	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12858	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12871	68107	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13038	68107	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13045	68107	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43676	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43691	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43698	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43703	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43711	68107	Chromium VI	1.113	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43729	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43736	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43744	68107	Chromium VI	1.1186	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43746	68107	Chromium VI	0.5257	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43771	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43790	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43793	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43800	68107	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43813	68107	Chromium VI	1.552	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43843	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43853	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43869	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43874	68107	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43892	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44063	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44066	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44076	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44104	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44107	68107	Chromium VI	1.2502	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44112	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44127	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44130	68107	Chromium VI	3.458	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44133	68107	Chromium VI	1.33	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44137	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44145	68107	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44153	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44157	68107	Chromium VI	3.92	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44177	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44184	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44185	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44198	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44202	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44220	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44225	68107	Chromium VI	4.564	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44233	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44236	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44237	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44248	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44299	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44319	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44348	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44416	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44446	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44452	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44455	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44456	68107	Chromium VI	3.99	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44465	68107	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44475	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44482	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44483	68107	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44490	68107	Chromium VI	3.374	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44503	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44507	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44508	68107	Chromium VI	0.5838	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44519	68107	Chromium VI	5.698	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44526	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44528	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44529	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44531	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44536	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44539	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44546	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44549	68107	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44556	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44567	68107	Chromium VI	1.33	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44578	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44581	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44589	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44590	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44592	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44597	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44617	68107	Chromium VI	1.3426	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44619	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44623	68107	Chromium VI	4.732	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44626	68107	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44636	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44640	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44644	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44668	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44700	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44711	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44725	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44727	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44738	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44740	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44741	68107	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44747	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44753	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44755	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44756	68107	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44768	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44790	68107	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44798	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44810	68107	Chromium VI	0.91	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44814	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44822	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44854	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44857	68107	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44869	68107	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44877	68107	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44902	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
44987	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44996	68107	Chromium VI	1.057	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45004	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45005	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45018	68107	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45020	68107	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45023	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45034	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45044	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45056	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45072	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45073	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45077	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45078	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45084	68107	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45118	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45147	68107	Chromium VI	4.354	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45150	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45156	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45166	68107	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45167	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45183	68107	Chromium VI	3.892	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45188	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45195	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45199	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45206	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45213	68107	Chromium VI	1.064	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45223	68107	Chromium VI	1.015	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45227	68107	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45236	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45244	68107	Chromium VI	3.136	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45259	68107	Chromium VI	4.312	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45265	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45269	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45298	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45300	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45303	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45304	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45305	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45321	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45343	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45350	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45356	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45364	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45370	68107	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45390	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45393	68107	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45404	68107	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45411	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45423	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45424	68107	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45447	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45458	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45460	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45475	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45484	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45487	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45494	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45495	68107	Chromium VI	1.351	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45503	68107	Chromium VI	1.365	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45530	68107	Chromium VI	0.6426	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45533	68107	Chromium VI	5.278	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45564	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45566	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45574	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45584	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45608	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45609	68107	Chromium VI	1.3538	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45624	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45626	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45645	68107	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45646	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45648	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45662	68107	Chromium VI	1.0542	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45663	68107	Chromium VI	3.318	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45678	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45698	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45724	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45725	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45728	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45739	68107	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45741	68107	Chromium VI	4.578	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45747	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45764	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45767	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45770	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45786	68107	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45923	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45927	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45955	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45970	68107	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45984	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45988	68107	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45999	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46035	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46049	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46050	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46052	68107	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46071	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46073	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46091	68107	Chromium VI	3.332	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46103	68107	Chromium VI	1.3972	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46107	68107	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46118	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46122	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46127	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46133	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46145	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46150	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46164	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46168	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46180	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46187	68107	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46210	68107	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46214	68107	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46241	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46247	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46260	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46279	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46297	68107	Chromium VI	1.1942	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46346	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46347	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46363	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46368	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46380	68107	Chromium VI	0.826	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46399	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46423	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46432	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46448	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46461	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46469	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46472	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46473	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46474	68107	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46478	68107	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46490	68107	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46493	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46494	68107	Chromium VI	3.066	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46498	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46505	68107	Chromium VI	0.973	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46509	68107	Chromium VI	3.598	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46527	68107	Chromium VI	0.819	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
46566	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46579	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46583	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46610	68107	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46626	68107	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46628	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46637	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46655	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46662	68107	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46664	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46672	68107	Chromium VI	0.931	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46673	68107	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46683	68107	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46698	68107	Chromium VI	0.77	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
46699	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46708	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46712	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46725	68107	Chromium VI	0.91	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46727	68107	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46731	68107	Chromium VI	6.776	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46743	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46763	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46764	68107	Chromium VI	0.6867	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46772	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46776	68107	Chromium VI	0.742	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46792	68107	Chromium VI	0.511	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46794	68107	Chromium VI	0.6524	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46805	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46808	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46815	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46835	68107	Chromium VI	0.602	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46852	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46998	68107	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47021	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47030	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47038	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47046	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47047	68107	Chromium VI	5.04	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47052	68107	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47058	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47088	68107	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47090	68107	Chromium VI	1.19	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47106	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47139	68107	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47140	68107	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47147	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47148	68107	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
47149	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47163	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47172	68107	Chromium VI	24.92	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47179	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47181	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47196	68107	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47203	68107	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47206	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47215	68107	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47216	68107	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47217	68107	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47218	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47223	68107	Chromium VI	1.26	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
47249	68107	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47250	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47259	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47274	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47275	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47279	68107	Chromium VI	0.735	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47291	68107	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47293	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47296	68107	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47311	68107	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47312	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47315	68107	Chromium VI	0.889	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47320	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47322	68107	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47338	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47339	68107	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47356	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47368	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47380	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47382	68107	Chromium VI	1.33	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47385	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47390	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47417	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47421	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47424	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47425	68107	Chromium VI	0.854	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47440	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47452	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47475	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47485	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47511	68107	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47514	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47518	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47526	68107	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47544	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47553	68107	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47565	68107	Chromium VI	3.794	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47566	68107	Chromium VI	3.626	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47604	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47610	68107	Chromium VI	0.6594	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47617	68107	Chromium VI	0.952	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47621	68107	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47627	68107	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47649	68107	Chromium VI	1.183	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47656	68107	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47670	68107	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47681	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47706	68107	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47708	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47761	68107	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47768	68107	Chromium VI	3.724	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47783	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47795	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47797	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47811	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47813	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47816	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47820	68107	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47838	68107	Chromium VI	4.802	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47841	68107	Chromium VI

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47969	68107	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48003	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48006	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48014	68107	Chromium VI	4.242	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48016	68107	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48018	68107	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48036	68107	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48043	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48048	68107	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48056	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48092	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48116	68107	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48118	68107	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48120	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48135	68107	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48141	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48150	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48167	68107	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48232	68107	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48245	68107	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48261	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48271	68107	Chromium VI	1.162	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48292	68107	Chromium VI	4.522	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48308	68107	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48327	68107	Chromium VI	0.833	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48334	68107	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48341	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48359	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48367	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48368	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48380	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48416	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48418	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48434	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48494	68107	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48495	68107	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48508	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48510	68107	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48525	68107	Chromium VI	4.2	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48547	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48553	68107	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48578	68107	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48583	68107	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48589	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48593	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48596	68107	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48620	68107	Chromium VI	3.766	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48636	68107	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48639	68107	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48641	68107	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48654	68107	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48661	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48668	68107	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48674	68107	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48685	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48694	68107	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48708	68107	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48715	68107	Chromium VI	3.71	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48721	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48733	68107	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48736	68107	Chromium VI	7.042	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48747	68107	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48768	68107	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48798	68107	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48815	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48821	68107	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48836	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48846	68107	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48855	68107	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48871	68107	Chromium VI	0.6629	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48886	68107	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48900	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48904	68107	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48944	68107	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48952	68107	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48963	68107	Chromium VI	2.94	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48973	68107	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48975	68107	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48977	68107	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48999	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49012	68107	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49036	68107	Chromium VI	0.5383	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49070	68107	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49081	68107	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49082	68107	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49085	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49098	68107	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
49439	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49441	68107	Chromium VI	1.113	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49444	68107	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50137	68107	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50139	68107	Chromium VI	1.1774	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50140	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50141	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50144	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50158	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50185	68107	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50191	68107	Chromium VI	1.26	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50192	68107	Chromium VI	1.0962	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50193	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50214	68107	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50243	68107	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50244	68107	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50246	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50249	68107	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50276	68107	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50284	68107	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50286	68107	Chromium VI	5.432	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50292	68107	Chromium VI	1.3524	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50293	68107	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50294	68107	Chromium VI	1.3916	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50299	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50300	68107	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50313	68107	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50325	68107	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50326	68107	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50335	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50359	68107	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50360	68107	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50361	68107	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50362	68107	Chromium VI	1.358	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50537	68107	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
76891	68107	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
89377	68107	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
89408	68107	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2170	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2518	68108	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2521	68108	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2522	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2527	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2532	68108	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5225	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5227	68108	Chromium VI	3.752	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5229	68108	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5284	68108	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5300	68108	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5304	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5306	68108	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5332	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5387	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5390	68108	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5394	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5395	68108	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5398	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5403	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5407	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5408	68108	Chromium VI	3.71	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5409	68108	Chromium VI	0.7	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
5416	68108	Chromium VI	7.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5418	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5422	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5425	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5426	68108	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5427	68108	Chromium VI	3.094	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5429	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5431	68108	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5432	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5449	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5450	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5454	68108	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5460	68108	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5463	68108	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5467	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5472	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5473	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5474	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5480	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5483	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5485	68108	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5492	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5505	68108	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5572	68108	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5607	68108	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5608	68108	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13164	68108	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13184	68108	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13189	68108	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
13239	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13267	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13436	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13485	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13529	68108	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13530	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13536	68108	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13575	68108	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13645	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13661	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13674	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13675	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13760	68108	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13773	68108	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13795	68108	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13941	68108	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14043	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14076	68108	Chromium VI	1.1284	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14079	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14130	68108	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14140	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14203	68108	Chromium VI	0.9814	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
14270	68108	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14279	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14290	68108	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14438	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14449	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14481	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14486	68108	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14497	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14537	68108	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14545	68108	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14576	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14578	68108	Chromium VI	1.3706	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14617	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14660	68108	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14692	68108	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14720	68108	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14818	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14825	68108	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14849	68108	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14855	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14878	68108	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14914	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14998	68108	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
15001	68108	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15051	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15053	68108	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15116	68108	Chromium VI	0.3248	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
15135	68108	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15248	68108	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15256	68108	Chromium VI	4.256	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15266	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15337	68108	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15443	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15468	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15601	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15603	68108	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
15687	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15748	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15768	68108	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15915	68108	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15939	68108	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15955	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15966	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15980	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16006	68108	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16126	68108	Chromium VI	1.2796	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
16135	68108	Chromium VI	1.2446	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
16137	68108	Chromium VI	2.968	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16145	68108	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16261	68108	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16267	68108	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16319	68108	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16349	68108	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16446	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16530	68108	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16556	68108	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16581	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16595	68108	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16599	68108	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16711	68108	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16813	68108	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16973	68108	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17416	68108	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17417	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17418	68108	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17461	68108	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17498	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17550	68108	Chromium VI	1.302	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17671	68108	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17699	68108	Chromium VI	0.9086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17700	68108	Chromium VI	2.056	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17701	68108	Chromium VI	4.844	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17703	68108	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17732	68108	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17778	68108	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17840	68108	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17849	68108	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17861	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17864	68108	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17865	68108	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17908	68108	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17945	68108	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17963	68108	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17968	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17985	68108	Chromium VI	0.7924	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
18129	68108	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18148	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18179	68108	Chromium VI	1.106	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18198	68108	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18218	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18222	68108	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18249	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18328	68108	Chromium VI	1.316	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
18330	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18339	68108	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18385	68108	Chromium VI	5.698	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18422	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18435	68108	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18461	68108	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18486	68108	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
18532	68108	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18547	68108	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18597	68108	Chromium VI	8.148	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
18634	68108	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18664	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18687	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18691	68108	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18697	68108	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18712	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18718	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18749	68108	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18800	68108	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18802	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18833	68108	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18890	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18903	68108	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18943	68108	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
18968	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18988	68108	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19030	68108	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19116	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19126	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19153	68108	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19190	68108	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
19343	68108	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19371	68108	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
19373	68108	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19417	68108	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
19440	68108	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19444	68108	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
19474	68108	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19640	68108	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19660	68108	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19680	68108	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19792	68108	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19875	68108	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19920	68108	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19988	68108	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20044	68108	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20137	68108	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20149	68108	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20168	68108	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20169	68108	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20244	68108	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
20285	68108	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
20287	68108	Chromium VI	1.2978	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20344	68108	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20367	68108	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20464	68108	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
21123	68108	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
21190	68108	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
21502	68108	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21582	68108	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
21729	68108	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21863	68108	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22203	68108	Chromium VI	0.6671	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
22282	68108	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50453	68108	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50624	68108	Chromium VI	5.474	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
74047	68108	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
79306	68108	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
87989	68108	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88004	68108	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88031	68108	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
89842	68108	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
90601	68108	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
92372	68108	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93003	68108	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
93522	68108	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2069	68110	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2280	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2354	68110	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2365	68110	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2539	68110	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3136	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5258	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5388	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5520	68110	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5525	68110	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5527	68110	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5530	68110	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5532	68110	Chromium VI	3.43	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5536	68110	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5541	68110	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5544	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5546	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5551	68110	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5559	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5560	68110	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5561	68110	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5563	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5565	68110	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5566	68110	Chromium VI	3.458	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5612	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5614	68110	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5641	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5650	68110	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5651	68110	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26122	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26133	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26234	68110	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26341	68110	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26410	68110	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26447	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26465	68110	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26527	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26550	68110	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26762	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27034	68110	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27069	68110	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27291	68110	Chromium VI	0.6118	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27435	68110	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27589	68110	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27592	68110	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27683	68110	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27704	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27756	68110	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27815	68110	Chromium VI	0.7616	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27822	68110	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27826	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27840	68110	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27844	68110	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27884	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27907	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27927	68110	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27984	68110	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28074	68110	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28075	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28120	68110	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28167	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28226	68110	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28335	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28360	68110	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28404	68110	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28421	68110	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28455	68110	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
29058	68110	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29063	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29084	68110	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29093	68110	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29095	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29117	68110	Chromium VI	3.934	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29135	68110	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29207	68110	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29238	68110	Chromium VI	1.0234	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
29257	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29271	68110	Chromium VI	0.9394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29283	68110	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29290	68110	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29332	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29360	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29361	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29393	68110	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29421	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29493	68110	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29500	68110	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29505	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29550	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29610	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29634	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29665	68110	Chromium VI	1.3916	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29753	68110	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29774	68110	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29786	68110	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29795	68110	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29844	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29877	68110	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29887	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29911	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29913	68110	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29920	68110	Chromium VI	1.3384	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29921	68110	Chromium VI	4.494	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29934	68110	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29942	68110	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29943	68110	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30017	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30172	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30189	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30210	68110	Chromium VI	0.9226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30291	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30394	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30410	68110	Chromium VI	3.78	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30422	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30443	68110	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30469	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30470	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30500	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30551	68110	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30556	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30566	68110	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30575	68110	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30633	68110	Chromium VI	4.438	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30651	68110	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30688	68110	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30705	68110	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30786	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30803	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30870	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30954	68110	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30980	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31097	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31153	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31174	68110	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31223	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31231	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31350	68110	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31401	68110	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31568	68110	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31645	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31757	68110	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31760	68110	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31814	68110	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31832	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31959	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32019	68110	Chromium VI	4.396	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32039	68110	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32043	68110	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32063	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32214	68110	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32373	68110	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32484	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32508	68110	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32529	68110	Chromium VI	1.3314	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32996	68110	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33078	68110	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33084	68110	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33280	68110	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33421	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33468	68110	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33472	68110	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33477	68110	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33483	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33512	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33519	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33543	68110	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33555	68110	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33602	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33629	68110	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33635	68110	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33714	68110	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33725	68110	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33840	68110	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33927	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34002	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34047	68110	Chromium VI	9.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34116	68110	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34237	68110	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34260	68110	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34266	68110	Chromium VI	3.906	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34272	68110	Chromium VI	1.3062	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34276	68110	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34287	68110	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34613	68110	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34625	68110	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34638	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34674	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34696	68110	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34710	68110	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34733	68110	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34738	68110	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34742	68110	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34821	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35022	68110	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35047	68110	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35180	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35183	68110	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35249	68110	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35384	68110	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35438	68110	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35501	68110	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35559	68110	Chromium VI	3.472	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35589	68110	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35637	68110	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35710	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35754	68110	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35787	68110	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35792	68110	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35793	68110	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36189	68110	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37075	68110	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37434	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37456	68110	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37525	68110	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37674	68110	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37821	68110	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38725	68110	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38863	68110	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39142	68110	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
39271	68110	Chromium VI	1.015	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
39434	68110	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39572	68110	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
55636	68110	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
74149	68110	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
79377	68110	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
81398	68110	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
81400	68110	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
87991	68110	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
90908	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
91449	68110	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
92501	68110	Chromium VI	1.358	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
92675	68110	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93337	68110	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93338	68110	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93342	68110	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
93344	68110	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
93345	68110	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2035	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2075	68111	Chromium VI	4.872	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2103	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2109	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2118	68111	Chromium VI

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2565	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3046	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3051	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3058	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3091	68111	Chromium VI	5.348	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3133	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3151	68111	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5013	68111	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5085	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5170	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5171	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5204	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5206	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5208	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5215	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5221	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5230	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5232	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5234	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5236	68111	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5238	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5240	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5242	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5246	68111	Chromium VI	3.556	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5288	68111	Chromium VI	3.514	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5296	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5330	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5333	68111	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5513	68111	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5514	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5618	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25647	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25663	68111	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25670	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25708	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25709	68111	Chromium VI	1.288	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
25750	68111	Chromium VI	1.3888	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25780	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25786	68111	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25794	68111	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25804	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25805	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25834	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25849	68111	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25869	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25874	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25877	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25894	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25903	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25918	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25921	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25977	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25985	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26005	68111	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26009	68111	Chromium VI	3.36	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26011	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26030	68111	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26042	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26043	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26045	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26053	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26084	68111	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26100	68111	Chromium VI	4.466	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26124	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26135	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26142	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26149	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26160	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26164	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26191	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26199	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26202	68111	Chromium VI	2.506	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26204	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26211	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26215	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26228	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26229	68111	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26231	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26249	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26257	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26263	68111	Chromium VI	20.16	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
26288	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26289	68111	Chromium VI	3.906	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26290	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26295	68111	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26303	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26327	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
26653	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26663	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26665	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26682	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26695	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26716	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26742	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26757	68111	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26759	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26772	68111	Chromium VI	3.22	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26779	68111	Chromium VI	6.188	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26783	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26834	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26844	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26858	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26865	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26868	68111	Chromium VI	1.2376	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26869	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26877	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26891	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26948	68111	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26955	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26967	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26996	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26997	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26999	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27005	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27031	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27038	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27052	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27074	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27096	68111	Chromium VI	19.88	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
27107	68111	Chromium VI	0.5768	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
27117	68111	Chromium VI	1.372	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27120	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27137	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27138	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27139	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27140	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27142	68111	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27144	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27145	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27148	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27177	68111	Chromium VI	0.3136	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
27185	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27191	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27193	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27202	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27264	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27266	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27269	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27278	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27308	68111	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27315	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27318	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27342	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27347	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27366	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27369	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27399	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27402	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27446	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27461	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27467	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27475	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27481	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27488	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27524	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27567	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27581	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27585	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27604	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27608	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27630	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27632	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27658	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27718	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27734	68111	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27739	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27742	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27764	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27768	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27780	68111	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27854	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27859	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27885	68111	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27886	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28065	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28072	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28105	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28108	68111	Chromium VI	5.936	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28144	68111	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28148	68111	Chromium VI	1.141	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28154	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28157	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28185	68111	Chromium VI	1.134	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28186	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28188	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28218	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28222	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28273	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28284	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28329	68111	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28338	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28375	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28377	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28417	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28423	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28434	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28518	68111	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28544	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28558	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28561	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28573	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28611	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28612	68111	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28618	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28623	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28625	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28648	68111	Chromium VI	5.544	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28661	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28688	68111	Chromium VI	0.9394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28709	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28713	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28725	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28730	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28749	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28763	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28764	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28766	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28781	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28785	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28798	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28799	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28809	68111	Chromium VI	1.155	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28811	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28819	68111	Chromium VI	1.365	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28836	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28837	68111	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28841	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28846	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28893	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28909	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28942	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28959	68111	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28963	68111	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28967	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28984	68111	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28991	68111	Chromium VI	6.034	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29002	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29023	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29033	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29037	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29071	68111	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29090	68111	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29101	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29102	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29105	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29155	68111	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29165	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29175	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29177	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29181	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29204	68111	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
29205	68111	Chromium VI	5.026	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29214	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29220	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29240	68111	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29248	68111	Chromium VI	1.043	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
29274	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29285	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29328	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29343	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29354	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
29608	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29625	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29633	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29671	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29678	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29683	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29684	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29689	68111	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29717	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29777	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29792	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29806	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29818	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29824	68111	Chromium VI	1.1998	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29826	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29881	68111	Chromium VI	3.136	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29889	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29910	68111	Chromium VI	3.08	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29912	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29927	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29953	68111	Chromium VI	3.416	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29974	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29978	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29991	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29993	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30012	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30045	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30050	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30068	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30078	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30081	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30123	68111	Chromium VI	3.724	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30130	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30133	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30161	68111	Chromium VI	3.066	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30169	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30171	68111	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30177	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30182	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30201	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30220	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30225	68111	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30244	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30253	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30345	68111	Chromium VI	4.592	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30347	68111	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30387	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30417	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30420	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30434	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30455	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30462	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30494	68111	Chromium VI	1.2684	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30521	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30526	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30536	68111	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30563	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30580	68111	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
30625	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30644	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30645	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30683	68111	Chromium VI	1.162	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30699	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30700	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30714	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30757	68111	Chromium VI	5.054	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30802	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30813	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30817	68111	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30836	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30841	68111	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30844	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30881	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30888	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30918	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30927	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30932	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30933	68111	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30939	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30978	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30991	68111	Chromium VI	3.402	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30995	68111	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30997	68111	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31008	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31042	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31045	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31046	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	-

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31141	68111	Chromium VI	4.312	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31145	68111	Chromium VI	4.76	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31163	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31171	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31176	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31186	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31189	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31192	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31206	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31229	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31237	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31262	68111	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31300	68111	Chromium VI	3.5	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31303	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31316	68111	Chromium VI	12.768	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
31357	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31360	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31361	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31362	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31365	68111	Chromium VI	4.802	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31366	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31377	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31398	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31408	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31433	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31442	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31444	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31457	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31478	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31517	68111	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31583	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31603	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31607	68111	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31615	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31695	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31698	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31733	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31740	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31799	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31803	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31823	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31850	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31853	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31854	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31858	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31868	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31871	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31882	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31887	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31896	68111	Chromium VI	1.428	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31899	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31911	68111	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31925	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31936	68111	Chromium VI	4.172	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31964	68111	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31965	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31977	68111	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31986	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32001	68111	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32016	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32021	68111	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32022	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32040	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32046	68111	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32049	68111	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32070	68111	Chromium VI	1.4	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32081	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32089	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32092	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32153	68111	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32162	68111	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32168	68111	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32208	68111	Chromium VI	1.2712	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32228	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32252	68111	Chromium VI	23.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32256	68111	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32261	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32267	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32276	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32277	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32283	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32284	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32287	68111	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32293	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32311	68111	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32316	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32325	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
32497	68111	Chromium VI	3.36	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32502	68111	Chromium VI	4.032	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32539	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32547	68111	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32562	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32581	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32596	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32633	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32673	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32678	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32686	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32696	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32702	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32708	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32736	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32775	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32779	68111	Chromium VI	1.295	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32780	68111	Chromium VI	4.144	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32783	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32818	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32847	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32851	68111	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32852	68111	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32874	68111	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32876	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32891	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32896	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32912	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32914	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32931	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32940	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32949	68111	Chromium VI	3.85	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32968	68111	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
32972	68111	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32973	68111	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32974	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32989	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32992	68111	Chromium VI	8.344	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33009	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33012	68111	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33014	68111	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33036	68111	Chromium VI	2.23	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33037	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33042	68111	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33043	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33060	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33062	68111	Chromium VI	3.934	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33120	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33177	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33207	68111	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33296	68111	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33314	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33317	68111	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33350	68111	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33372	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33392	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33453	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33456	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33480	68111	Chromium VI	3.15	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33492	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33600	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33607	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33630	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33631	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33647	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33696	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33711	68111	Chromium VI	1.106	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33741	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33772	68111	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33803	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33805	68111	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33806	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33818	68111	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33831	68111	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33833	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33856	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33863	68111	Chromium VI	2.912	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33875	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33903	68111	Chromium VI	2.814	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33915	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33947	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33997	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34037	68111	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34040	68111	Chromium VI	3.164	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34059	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34060	68111	Chromium VI	5.642	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34075	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34247	68111	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34251	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34255	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34257	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34320	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34371	68111	Chromium VI	3.122	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34377	68111	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34387	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34396	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34430	68111	Chromium VI	1.036	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
34444	68111	Chromium VI	5.152	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34478	68111	Chromium VI	1.2992	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34503	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34560	68111	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34562	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34595	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34621	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34626	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34639	68111	Chromium VI	0.875	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34663	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34669	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34691	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34703	68111	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34766	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34778	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34888	68111	Chromium VI	7.91	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
34892	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34904	68111	Chromium VI	11.97	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
34917	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34923	68111	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34936	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34948	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34953	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34985	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34993	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34999	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35003	68111	Chromium VI	2.702	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35014	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35042	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35043	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35059	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35072	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35095	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35137	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35152	68111	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35223	68111	Chromium VI	3.304	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35233	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35242	68111	Chromium VI	4.046	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35252	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35273	68111	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35285	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35287	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35288	68111	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35290	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35350	68111	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35404	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35417	68111	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35458	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35495	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35503	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35513	68111	Chromium VI	5.054	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35517	68111	Chromium VI	5.586	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35536	68111	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35575	68111	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35614	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35619	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35786	68111	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35821	68111	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35822	68111	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35826	68111	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35830	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35877	68111	Chromium VI	2.576	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35921	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35935	68111	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35943	68111	Chromium VI	5.474	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35947	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35964	68111	Chromium VI	3.766	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35969	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36000	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36007	68111	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36015	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36024	68111	Chromium VI	2.898	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36040	68111	Chromium VI	3.038	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36046	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36072	68111	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36093	68111	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36116	68111	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
36356	68111	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36408	68111	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36410	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36427	68111	Chromium VI	1.148	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36464	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36467	68111	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36507	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36557	68111	Chromium VI	4.438	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36574	68111	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36656	68111	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36679	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36701	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36706	68111	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36936	68111	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37023	68111	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37025	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37031	68111	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37036	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37049	68111	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37087	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37097	68111	Chromium VI	3.962	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37156	68111	Chromium VI	2.926	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37189	68111	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37193	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37210	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37219	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37223	68111	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37226	68111	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37276	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37361	68111	Chromium VI	0.9184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
37402	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37465	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37470	68111	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37684	68111	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37738	68111	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37756	68111	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37907	68111	Chromium VI	3.052	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37934	68111	Chromium VI	3.612	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38007	68111	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38054	68111	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
38066	68111	Chromium VI	2.478	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38087	68111	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38202	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38210	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38253	68111	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38261	68111	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38269	68111	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38300	68111	Chromium VI	3.962	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38363	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38383	68111	Chromium VI	4.816	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38407	68111	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38439	68111	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38446	68111	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38449	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38527	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38585	68111	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38587	68111	Chromium VI	6.468	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38721	68111	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38724	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
38759	68111	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38780	68111	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38864	68111	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49203	68111	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49313	68111	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49314	68111	Chromium VI	1.988	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49319	68111	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49341	68111	Chromium VI	1.2348	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49345	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49354	68111	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50024	68111	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50049	68111	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50080	68111	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50105	68111	Chromium VI	2.296	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50107	68111	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50120	68111	Chromium VI	1.54	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50146	68111	Chromium VI	1.47	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50356	68111	Chromium VI	1.3244	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50404	68111	Chromium VI	1.568	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50410	68111	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50417	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50424	68111	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50434	68111	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50447	68111	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
63239	68111	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
63751	68111	Chromium VI	1.582	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
68070	68111	Chromium VI	1.0906	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
68686	68111	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
91926	68111	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2269	68112	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39755	68112	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39951	68112	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40194	68112	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
40523	68112	Chromium VI	7.406	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
40879	68112	Chromium VI	3.948	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2097	68131	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2156	68131	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2165	68131	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5037	68131	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5150	68131	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5153	68131	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5186	68131	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5188	68131	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5195	68131	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5197	68131	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5260	68131	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5272	68131	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5278	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5298	68131	Chromium VI	3.864	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5377	68131	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5379	68131	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5380	68131	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22856	68131	Chromium VI	3.584	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23003	68131	Chromium VI	4.018	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23016	68131	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23028	68131	Chromium VI	0.5404	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
23072	68131	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23093	68131	Chromium VI	1.274	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23144	68131	Chromium VI	8.092	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23145	68131	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23150	68131	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23153	68131	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23211	68131	Chromium VI	5.642	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23237	68131	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23274	68131	Chromium VI	5.67	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23280	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23301	68131	Chromium VI	1.2012	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23338	68131	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23344	68131	Chromium VI	2.604	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23379	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23399	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23425	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23433	68131	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23442	68131	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23460	68131	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23502	68131	Chromium VI	1.372	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23512	68131	Chromium VI	3.794	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23532	68131	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23537	68131	Chromium VI	4.41	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23539	68131	Chromium VI	2.954	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23577	68131	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23580	68131	Chromium VI	4.06	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23584	68131	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23586	68131	Chromium VI	2.562	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23611	68131	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23634	68131	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23673	68131	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23675	68131	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23700	68131	Chromium VI	2.394	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23742	68131	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23786	68131	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23788	68131	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23790	68131	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23817	68131	Chromium VI	2.856	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23822	68131	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23824	68131	Chromium VI	2.282	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23845	68131	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23872	68131	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23895	68131	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23899	68131	Chromium VI	1.3524	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23922	68131	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23930	68131	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23961	68131	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23967	68131	Chromium VI	3.444	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23968	68131	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23985	68131	Chromium VI	0.14	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
23986	68131	Chromium VI	1.3636	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
24000	68131	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24010	68131	Chromium VI	3.57	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24019	68131	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24027	68131	Chromium VI	4.48	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24098	68131	Chromium VI	3.108	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24109	68131	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24119	68131	Chromium VI	2.982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24126	68131	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24334	68131	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24348	68131	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24357	68131	Chromium VI	4.102	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24358	68131	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24367	68131	Chromium VI	2.436	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24370	68131	Chromium VI	2.688	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24374	68131	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24376	68131	Chromium VI	0.938	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24390	68131	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24396	68131	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24411	68131	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24451	68131	Chromium VI	1.708	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24457	68131	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24577	68131	Chromium VI	6.678	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24601	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24605	68131	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24635	68131	Chromium VI	3.024	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24640	68131	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24655	68131	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24674	68131	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24692	68131	Chromium VI	0.518	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
24693	68131	Chromium VI	5.222	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24703	68131	Chromium VI	1.526	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24740	68131	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24751	68131	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24757	68131	Chromium VI	2.842	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24768	68131	Chromium VI	1.274	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24776	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24794	68131	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24800	68131	Chromium VI	1.694	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24808	68131	Chromium VI	1.554	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24887	68131	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24896	68131	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24931	68131	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24958	68131	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24962	68131	Chromium VI	3.248	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24964	68131	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25005	68131	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25009	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25061	68131	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25063	68131	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25078	68131	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25096	68131	Chromium VI	2.03	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25130	68131	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25133	68131	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25137	68131	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25167	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25185	68131	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25189	68131	Chromium VI	7.42	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25193	68131	Chromium VI	4.914	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25202	68131	Chromium VI	1.113	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25204	68131	Chromium VI	2.31	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25231	68131	Chromium VI	2.128	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25242	68131	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25281	68131	Chromium VI	4.774	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25285	68131	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25296	68131	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25315	68131	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25324	68131	Chromium VI	2.044	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25329	68131	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25331	68131	Chromium VI	2.548	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25335	68131	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25337	68131	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25385	68131	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25391	68131	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25410	68131	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25425	68131	Chromium VI	5.698	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25456	68131	Chromium VI	1.414	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25547	68131	Chromium VI	1.3412	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25554	68131	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25558	68131	Chromium VI	0.3696	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
25579	68131	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25604	68131	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25607	68131	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25634	68131	Chromium VI	1.806	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25657	68131	Chromium VI	2.632	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50446	68131	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
89514	68131	Chromium VI	1.638	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
93114	68131	Chromium VI	4.074	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93413	68131	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
93419	68131	Chromium VI	3.402	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5139	68132	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5140	68132	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5313	68132	Chromium VI	8.218	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5317	68132	Chromium VI	1.484	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49490	68132	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49500	68132	Chromium VI	5.978	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49671	68132	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49672	68132	Chromium VI	1.596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49676	68132	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49678	68132	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49682	68132	Chromium VI	1.75	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49697	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49701	68132	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49704	68132	Chromium VI	1.82	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49716	68132	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49717	68132	Chromium VI	29.26	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49724	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49725	68132	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49726	68132	Chromium VI	2.156	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49727	68132	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49736	68132	Chromium VI	1.946	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49739	68132	Chromium VI	1.442	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49759	68132	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49760	68132	Chromium VI	2.212	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49774	68132	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49781	68132	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49783	68132	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49793	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49800	68132	Chromium VI	1.498	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49806	68132	Chromium VI	1.722	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49812	68132	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49819	68132	Chromium VI	3.178	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49833	68132	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49846	68132	Chromium VI	1.764	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49852	68132	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49853	68132	Chromium VI	4.186	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49855	68132	Chromium VI	3.276	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49863	68132	Chromium VI	2.786	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49884	68132	Chromium VI	8.064	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
49892	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49902	68132	Chromium VI	0.9982	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
49907	68132	Chromium VI	1.792	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49911	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49913	68132	Chromium VI	2.772	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49918	68132	Chromium VI	1.89	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49922	68132	Chromium VI	0.784	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
49929	68132	Chromium VI	1.078	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49931	68132	Chromium VI	2.002	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49936	68132	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49941	68132	Chromium VI	1.624	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49943	68132	Chromium VI	2.058	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49953	68132	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49956	68132	Chromium VI	0.77	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
49958	68132	Chromium VI	1.876	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49961	68132	Chromium VI	1.512	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49971	68132	Chromium VI	1.834	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49974	68132	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49986	68132	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49994	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49995	68132	Chromium VI	2.072	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50479	68132	Chromium VI	1.61	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50484	68132	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50485	68132	Chromium VI	2.45	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50536	68132	Chromium VI	6.118	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51190	68132	Chromium VI	7.252	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51214	68132	Chromium VI	6.51	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51217	68132	Chromium VI	3.01	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51225	68132	Chromium VI	7.784	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51228	68132	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51234	68132	Chromium VI	4.27	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51256	68132	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51263	68132	Chromium VI	3.486	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51270	68132	Chromium VI	3.528	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51278	68132	Chromium VI	1.904	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51280	68132	Chromium VI	0.763	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51327	68132	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51349	68132	Chromium VI	0.1596	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-04	7E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-04	7E-05
51361	68132	Chromium VI	3.668	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51369	68132	Chromium VI	5.152	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51381	68132	Chromium VI	13.006	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
51391	68132	Chromium VI	2.24	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51392	68132	Chromium VI	4.214	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51394	68132	Chromium VI	4.508	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51401	68132	Chromium VI	1.386	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51412	68132	Chromium VI	5.236	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51437	68132	Chromium VI	24.64	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51440	68132	Chromium VI	2.422	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51457	68132	Chromium VI	4.494	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51483	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51492	68132	Chromium VI	6.104	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51504	68132	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51512	68132	Chromium VI	7.112	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51519	68132	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51640	68132	Chromium VI	0.875	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
51645	68132	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51646	68132	Chromium VI	2.996	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51659	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51667	68132	Chromium VI	2.086	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51671	68132	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51676	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51705	68132	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51706	68132	Chromium VI	3.234	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51708	68132	Chromium VI	2.198	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51710	68132	Chromium VI	2.674	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51712	68132	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51735	68132	Chromium VI	4.312	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51750	68132	Chromium VI	2.268	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51752	68132	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51767	68132	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51769	68132	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51779	68132	Chromium VI	2.59	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51780	68132	Chromium VI	4.564	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51785	68132	Chromium VI	5.88	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51790	68132	Chromium VI	2.534	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51800	68132	Chromium VI	2.758	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51803	68132	Chromium VI	3.262	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51805	68132	Chromium VI	2.716	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51807	68132	Chromium VI	1.932	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51808	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51820	68132	Chromium VI	2.73	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51829	68132	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51840	68132	Chromium VI	1.666	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51844	68132	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51846	68132	Chromium VI	4.55	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51847	68132	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51854	68132	Chromium VI	5.6	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51855	68132	Chromium VI	2.338	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51857	68132	Chromium VI	4.144	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51861	68132	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51863	68132	Chromium VI	2.016	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51866	68132	Chromium VI	1.862	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51872	68132	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51897	68132	Chromium VI	2.618	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51918	68132	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51921	68132	Chromium VI	2.254	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51938	68132	Chromium VI	1.778	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51946	68132	Chromium VI	1.19	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51949	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51959	68132	Chromium VI	56	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
51960	68132	Chromium VI	7.336	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51972	68132	Chromium VI	2.352	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51990	68132	Chromium VI	1.652	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51997	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52023	68132	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52035	68132	Chromium VI	5.432	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52046	68132	Chromium VI	2.884	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52054	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52059	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52075	68132	Chromium VI	2.142	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52078	68132	Chromium VI	1.96	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52080	68132	Chromium VI	2.828	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52085	68132	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52090	68132	Chromium VI	8.316	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
52091	68132	Chromium VI	2.184	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52097	68132	Chromium VI	3.542	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52101	68132	Chromium VI	2.464	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52106	68132	Chromium VI	3.64	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52112	68132	Chromium VI	2.114	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52119	68132	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52122	68132	Chromium VI	2.408	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52128	68132	Chromium VI	1.316	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52129	68132	Chromium VI	2.66	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52137	68132	Chromium VI	3.388	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52140	68132	Chromium VI	2.226	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52141	68132	Chromium VI	2.52	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52150	68132	Chromium VI	3.206	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52155	68132	Chromium VI	3.346	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52158	68132	Chromium VI	12.18	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
52166	68132	Chromium VI	1.848	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52167	68132	Chromium VI	2.646	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52177	68132	Chromium VI	4.774	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52178	68132	Chromium VI	4.424	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52181	68132	Chromium VI	1.974	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52186	68132	Chromium VI	2.324	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52187	68132	Chromium VI	2.8	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52190	68132	Chromium VI	2.366	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52192	68132	Chromium VI	1.456	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52198	68132	Chromium VI	2.744	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52202	68132	Chromium VI	10.36	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
52206	68132	Chromium VI	2.492	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Chromium VI

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				CANCER									NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
52378	68132	Chromium VI	2.1	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52386	68132	Chromium VI	4.326	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52387	68132	Chromium VI	2.17	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52411	68132	Chromium VI	2.87	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
63007	68132	Chromium VI	2.38	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66781	68132	Chromium VI	1.918	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
66791	68132	Chromium VI	1.68	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
92431	68132	Chromium VI	1.736	3.00E-03	--	7.50E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cobalt

Omaha Lead Site

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK (separate Child & Adult) NONCANCER HQ-child RME	NONCANCER HQ-adult RME
2133	68104	Cobalt	6.08	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5026	68104	Cobalt	7.94	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5143	68104	Cobalt	7.07	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5144	68104	Cobalt	7.95	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5145	68104	Cobalt	6.45	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5147	68104	Cobalt	5.02	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2229	68105	Cobalt	8.69	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2299	68105	Cobalt	8.71	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2300	68105	Cobalt	9.19	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2308	68105	Cobalt	8.09	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
3076	68105	Cobalt	8.89	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
3118	68105	Cobalt	10	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5054	68105	Cobalt	4.9	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5057	68105	Cobalt	7.75	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5105	68105	Cobalt	7.52	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5109	68105	Cobalt	5.37	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5110	68105	Cobalt	9	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5112	68105	Cobalt	7.75	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5117	68105	Cobalt	7.8	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5123	68105	Cobalt	8.03	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5128	68105	Cobalt	7.72	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5129	68105	Cobalt	7.15	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5132	68105	Cobalt	9.04	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5134	68105	Cobalt	10.7	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
5338	68105	Cobalt	7.47	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5347	68105	Cobalt	9.76	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5351	68105	Cobalt	0.347	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5352	68105	Cobalt	8.53	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5355	68105	Cobalt	7.26	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5356	68105	Cobalt	9.75	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5357	68105	Cobalt	9.65	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5359	68105	Cobalt	9	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5361	68105	Cobalt	5.75	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5363	68105	Cobalt	9.26	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5364	68105	Cobalt	10.2	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5365	68105	Cobalt	9.6	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5367	68105	Cobalt	8.11	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5486	68105	Cobalt	7.02	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5488	68105	Cobalt	6.67	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5489	68105	Cobalt	7.92	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5495	68105	Cobalt	7.84	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5509	68105	Cobalt	9.99	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5610	68105	Cobalt	8.99	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2030	68107	Cobalt	8.96	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2038	68107	Cobalt	8.39	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2104	68107	Cobalt	4.6	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2124	68107	Cobalt	9.39	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2167	68107	Cobalt	7.79	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
2206	68107	Cobalt	7.5	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2252	68107	Cobalt	8.65	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2273	68107	Cobalt	7.93	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
2292	68107	Cobalt	8.56	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
3003	68107	Cobalt	9.13	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
3021	68107	Cobalt	9.8	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
3074	68107	Cobalt	7.55	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3121	68107	Cobalt	10.3	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5066	68107	Cobalt	7.45	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5076	68107	Cobalt	8.09	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5130	68107	Cobalt	9.68	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5157	68107	Cobalt	9.9	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5159	68107	Cobalt	8.08	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5161	68107	Cobalt	8.14	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5163	68107	Cobalt	8.44	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5165	68107	Cobalt	7.93	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5166	68107	Cobalt	7.97	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5172	68107	Cobalt	5.86	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5176	68107	Cobalt	9.7	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5178	68107	Cobalt	8.36	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5180	68107	Cobalt	8.31	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5182	68107	Cobalt	7.33	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5183	68107	Cobalt	7.58	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5185	68107	Cobalt	8.9	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5211	68107	Cobalt	7.35	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5212	68107	Cobalt	7.79	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
2170	68108	Cobalt	7.66	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5225	68108	Cobalt	8.45	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5227	68108	Cobalt	8.04	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5229	68108	Cobalt	6.33	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5284	68108	Cobalt	8.33	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5300	68108	Cobalt	9.21	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5304	68108	Cobalt	8.11	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5306	68108	Cobalt	6.92	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5332	68108	Cobalt	6.33	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5387	68108	Cobalt	8.57	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5390	68108	Cobalt	8.23	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5394	68108	Cobalt	9.91	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5395	68108	Cobalt	7.69	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5398	68108	Cobalt	12.6	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cobalt

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5429	68108	Cobalt	9.45	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5431	68108	Cobalt	7.31	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5432	68108	Cobalt	8.37	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5449	68108	Cobalt	8.46	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5450	68108	Cobalt	10	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5454	68108	Cobalt	6.89	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5460	68108	Cobalt	8.8	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5463	68108	Cobalt	9.73	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5467	68108	Cobalt	8.34	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5472	68108	Cobalt	8.74	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5473	68108	Cobalt	9.94	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5474	68108	Cobalt	9.77	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5480	68108	Cobalt	8.21	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5483	68108	Cobalt	7.92	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5485	68108	Cobalt	8.87	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5492	68108	Cobalt	8.09	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5505	68108	Cobalt	7.72	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5572	68108	Cobalt	7.88	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5607	68108	Cobalt	9.65	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5608	68108	Cobalt	10.2	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5623	68108	Cobalt	10.8	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
5628	68108	Cobalt	10.4	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5630	68108	Cobalt	8.15	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5636	68108	Cobalt	9.09	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5637	68108	Cobalt	8.46	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5652	68108	Cobalt	7.27	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2069	68110	Cobalt	7.95	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
2280	68110	Cobalt	6.98	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2354	68110	Cobalt	8.18	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
3136	68110	Cobalt	7.78	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5258	68110	Cobalt	8.64	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5388	68110	Cobalt	9.1	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5520	68110	Cobalt	10.4	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5525	68110	Cobalt	9.38	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5527	68110	Cobalt	8.42	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5530	68110	Cobalt	8.68	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5532	68110	Cobalt	7.42	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5536	68110	Cobalt	7.65	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5541	68110	Cobalt	8.11	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5544	68110	Cobalt	8.51	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5546	68110	Cobalt	8.29	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5551	68110	Cobalt	7.89	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5559	68110	Cobalt	8.56	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5560	68110	Cobalt	8.6	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5561	68110	Cobalt	8.76	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5563	68110	Cobalt	8.47	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5565	68110	Cobalt	8.85	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5566	68110	Cobalt	9.37	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5612	68110	Cobalt	9.5	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5614	68110	Cobalt	6.88	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5641	68110	Cobalt	9.29	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5651	68110	Cobalt	8.68	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2035	68111	Cobalt	9.22	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2075	68111	Cobalt	6.41	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2103	68111	Cobalt	8.52	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2109	68111	Cobalt	8.85	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2121	68111	Cobalt	8.29	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2126	68111	Cobalt	8.36	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2154	68111	Cobalt	8.25	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2179	68111	Cobalt	7.22	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2216	68111	Cobalt	9	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2225	68111	Cobalt	7.85	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
2231	68111	Cobalt	3.69	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2262	68111	Cobalt	7.28	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2365	68111	Cobalt	9.27	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
3046	68111	Cobalt	7.47	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3051	68111	Cobalt	7.72	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
3058	68111	Cobalt	8.05	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
3091	68111	Cobalt	6.41	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3133	68111	Cobalt	8.56	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
3151	68111	Cobalt	4.86	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5013	68111	Cobalt	8.56	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5085	68111	Cobalt	8.41	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5170	68111	Cobalt	7.04	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5171	68111	Cobalt	7.85	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5204	68111	Cobalt	8.66	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5206	68111	Cobalt	9.88	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5208	68111	Cobalt	7.23	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5215	68111	Cobalt	7.42	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5221	68111	Cobalt	8.24	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5230	68111	Cobalt	7.46	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5232	68111	Cobalt	8.71	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5234	68111	Cobalt	8.53	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5236	68111	Cobalt	7.49	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5238	68111	Cobalt	8.52	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5240	68111	Cobalt	8.19	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5242	68111	Cobalt	7.71	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5246	68111	Cobalt	9.61	3.00E-04	--	3.00E-04	--	1.28E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Cobalt

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK (separate Child & Adult)	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME				NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5037	68131	Cobalt	8.35	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5150	68131	Cobalt	8.79	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5153	68131	Cobalt	8.92	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5186	68131	Cobalt	9.14	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5188	68131	Cobalt	8.41	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5195	68131	Cobalt	7.01	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5197	68131	Cobalt	8.38	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5260	68131	Cobalt	7.04	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5272	68131	Cobalt	7.64	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5278	68131	Cobalt	9.1	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5298	68131	Cobalt	9.4	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5377	68131	Cobalt	8.06	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5379	68131	Cobalt	8.18	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5380	68131	Cobalt	10.3	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5139	68132	Cobalt	8.43	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5140	68132	Cobalt	7.23	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5313	68132	Cobalt	6.78	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5317	68132	Cobalt	5.94	3.00E-04	--	3.00E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Copper

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
2133	68104	Copper	42.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5026	68104	Copper	30.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5143	68104	Copper	19.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5144	68104	Copper	27.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5145	68104	Copper	13.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
5147	68104	Copper	12.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
2229	68105	Copper	25.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2299	68105	Copper	29.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2300	68105	Copper	22.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2308	68105	Copper	32.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3076	68105	Copper	20	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
3118	68105	Copper	20.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5054	68105	Copper	20.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5057	68105	Copper	20.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5105	68105	Copper	25.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5109	68105	Copper	22.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5110	68105	Copper	30.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5112	68105	Copper	31.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5117	68105	Copper	29.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5123	68105	Copper	27.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5128	68105	Copper	19	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5129	68105	Copper	27	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5132	68105	Copper	22.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5134	68105	Copper	26.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5338	68105	Copper	27.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5347	68105	Copper	36.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5351	68105	Copper	0.128	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
5352	68105	Copper	31.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5355	68105	Copper	65.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5356	68105	Copper	28.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5357	68105	Copper	27.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5359	68105	Copper	18.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5361	68105	Copper	19.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5363	68105	Copper	58.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5364	68105	Copper	27.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5365	68105	Copper	25.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5367	68105	Copper	27.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5486	68105	Copper	21.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5488	68105	Copper	20.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5489	68105	Copper	35.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5495	68105	Copper	35.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5509	68105	Copper	24.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5610	68105	Copper	33.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2030	68107	Copper	33.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2038	68107	Copper	17.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2104	68107	Copper	36.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2124	68107	Copper	17.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
2167	68107	Copper	15.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
2206	68107	Copper	23.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2252	68107	Copper	20.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2273	68107	Copper	20.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2292	68107	Copper	21.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3003	68107	Copper	19.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
3021	68107	Copper	31.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3074	68107	Copper	20.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
3121	68107	Copper	21.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5066	68107	Copper	28.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5076	68107	Copper	33.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5130	68107	Copper	19.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5157	68107	Copper	21.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5159	68107	Copper	22.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5161	68107	Copper	17.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5163	68107	Copper	18.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5165	68107	Copper	33.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5166	68107	Copper	29	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5172	68107	Copper	39	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5176	68107	Copper	22.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5178	68107	Copper	24.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5180	68107	Copper	63.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5182	68107	Copper	58	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5183	68107	Copper	43.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5185	68107	Copper	20.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5211	68107	Copper	11.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
5212	68107	Copper	17.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2170	68108	Copper	31.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5225	68108	Copper	23.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5227	68108	Copper	50.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5229	68108	Copper	13.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
5284	68108	Copper	38.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5300	68108	Copper	36.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5304	68108	Copper	21.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5306	68108	Copper	28.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5332	68108	Copper	25	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5387	68108	Copper	30.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5390	68108	Copper	29.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5394	68108	Copper	143	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5395	68108	Copper	37.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Copper

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	NONCANCER HQ-adult RME
5398	68108	Copper	41.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5403	68108	Copper	27	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5407	68108	Copper	37.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5408	68108	Copper	32.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5409	68108	Copper	6.15	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
5416	68108	Copper	37.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5418	68108	Copper	32.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5422	68108	Copper	31.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5425	68108	Copper	37.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5426	68108	Copper	19.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5427	68108	Copper	21.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5429	68108	Copper	19.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5431	68108	Copper	38	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5432	68108	Copper	43.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5449	68108	Copper	42.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5450	68108	Copper	25.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5454	68108	Copper	49.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5460	68108	Copper	20.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5463	68108	Copper	28.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5467	68108	Copper	30.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5472	68108	Copper	20.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5473	68108	Copper	25.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5474	68108	Copper	24	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5480	68108	Copper	50.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5483	68108	Copper	35.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5485	68108	Copper	27	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5492	68108	Copper	42.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5505	68108	Copper	29	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5572	68108	Copper	37.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5607	68108	Copper	22.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5608	68108	Copper	32.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5623	68108	Copper	33	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5628	68108	Copper	25.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5630	68108	Copper	83.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5636	68108	Copper	53.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5637	68108	Copper	23.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5652	68108	Copper	34.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2069	68110	Copper	20.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2280	68110	Copper	30	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2354	68110	Copper	31.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3136	68110	Copper	32.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5258	68110	Copper	29.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5388	68110	Copper	22.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5520	68110	Copper	50.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5525	68110	Copper	57.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5527	68110	Copper	34.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5530	68110	Copper	28.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5532	68110	Copper	43.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5536	68110	Copper	21.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5541	68110	Copper	22.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5544	68110	Copper	16.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
5546	68110	Copper	22.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5551	68110	Copper	29.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5559	68110	Copper	24.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5560	68110	Copper	27.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5561	68110	Copper	26.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5563	68110	Copper	17.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5565	68110	Copper	30.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5566	68110	Copper	23.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5612	68110	Copper	38.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5614	68110	Copper	66.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5641	68110	Copper	23	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5651	68110	Copper	29	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2035	68111	Copper	31.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2075	68111	Copper	19.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2103	68111	Copper	15.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
2109	68111	Copper	19.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2121	68111	Copper	19.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2126	68111	Copper	17.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2154	68111	Copper	16.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
2179	68111	Copper	23	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2216	68111	Copper	44.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2225	68111	Copper	1310	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
2231	68111	Copper	32.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2262	68111	Copper	26.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2365	68111	Copper	21.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3046	68111	Copper	27	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
3051	68111	Copper	23	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3058	68111	Copper	24.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
3091	68111	Copper	19.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
3133	68111	Copper	23.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3151	68111	Copper	28.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5013	68111	Copper	25.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5085	68111	Copper	25	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5170	68111	Copper	15.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5171	68111	Copper	23.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5204	68111	Copper	23	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Copper

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5206	68111	Copper	22.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5208	68111	Copper	33.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5215	68111	Copper	21.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5221	68111	Copper	39.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5230	68111	Copper	22.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5232	68111	Copper	20.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5234	68111	Copper	35.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5236	68111	Copper	36.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5238	68111	Copper	25.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5240	68111	Copper	22.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5242	68111	Copper	23.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5246	68111	Copper	25	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5288	68111	Copper	144	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5296	68111	Copper	37.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5330	68111	Copper	25.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5333	68111	Copper	18.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5513	68111	Copper	23.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5514	68111	Copper	21.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5618	68111	Copper	19.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2269	68112	Copper	42.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2097	68131	Copper	21.3	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2156	68131	Copper	19.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5037	68131	Copper	17.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5150	68131	Copper	42.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5153	68131	Copper	18.2	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5186	68131	Copper	26.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5188	68131	Copper	25.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5195	68131	Copper	20.9	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5197	68131	Copper	20.5	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5260	68131	Copper	22.4	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5272	68131	Copper	32.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5278	68131	Copper	26.7	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5298	68131	Copper	23.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5377	68131	Copper	38.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5379	68131	Copper	56.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5380	68131	Copper	27.6	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5139	68132	Copper	17.8	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5140	68132	Copper	64.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5313	68132	Copper	25.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5317	68132	Copper	13.1	4.00E-02	--	4.00E-02	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Iron

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2133	68104	Iron	12300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.41E-02
5026	68104	Iron	15400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.01E-02
5143	68104	Iron	13800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.70E-02
5144	68104	Iron	14000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.74E-02
5145	68104	Iron	11500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.25E-02
5147	68104	Iron	8660	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	1.69E-02
2229	68105	Iron	16700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.27E-02
2299	68105	Iron	15300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.99E-02
2300	68105	Iron	14400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.82E-02
2308	68105	Iron	14300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.80E-02
3076	68105	Iron	15200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.97E-02
3118	68105	Iron	16100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.15E-02
5054	68105	Iron	12200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.39E-02
5057	68105	Iron	15500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.03E-02
5105	68105	Iron	15700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.07E-02
5109	68105	Iron	13000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.54E-02
5110	68105	Iron	22200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.34E-02
5112	68105	Iron	20400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.99E-02
5117	68105	Iron	17500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.42E-02
5123	68105	Iron	17300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.39E-02
5128	68105	Iron	15100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.95E-02
5129	68105	Iron	15300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.99E-02
5132	68105	Iron	18200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.56E-02
5134	68105	Iron	18700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.66E-02
5338	68105	Iron	15300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.99E-02
5347	68105	Iron	17900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.50E-02
5351	68105	Iron	6.7	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-04	1E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-04	1.31E-05
5352	68105	Iron	17600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.44E-02
5355	68105	Iron	17200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.37E-02
5356	68105	Iron	17900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.50E-02
5357	68105	Iron	15800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.09E-02
5359	68105	Iron	14800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.90E-02
5361	68105	Iron	12800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.50E-02
5363	68105	Iron	14900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.92E-02
5364	68105	Iron	16000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.13E-02
5365	68105	Iron	17500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.42E-02
5367	68105	Iron	13500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.64E-02
5486	68105	Iron	13200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.58E-02
5488	68105	Iron	14900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.92E-02
5489	68105	Iron	16500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.23E-02
5493	68105	Iron	14800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.90E-02
5509	68105	Iron	15300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.99E-02
5610	68105	Iron	17700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.46E-02
2030	68107	Iron	19000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.72E-02
2038	68107	Iron	15200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.97E-02
2104	68107	Iron	10100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	1.98E-02
2124	68107	Iron	16500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.23E-02
2167	68107	Iron	15600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.05E-02
2206	68107	Iron	16200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.17E-02
2252	68107	Iron	18300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.58E-02
2273	68107	Iron	16900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.31E-02
2292	68107	Iron	14400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.82E-02
3003	68107	Iron	16800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.29E-02
3021	68107	Iron	22300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.36E-02
3074	68107	Iron	13800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.70E-02
3121	68107	Iron	13500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.64E-02
5066	68107	Iron	14500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.84E-02
5076	68107	Iron	20400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.99E-02
5130	68107	Iron	22100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.32E-02
5157	68107	Iron	18900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.70E-02
5159	68107	Iron	18200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.56E-02
5161	68107	Iron	16800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.29E-02
5163	68107	Iron	18600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.64E-02
5165	68107	Iron	16400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.21E-02
5166	68107	Iron	18600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.64E-02
5172	68107	Iron	13900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.72E-02
5176	68107	Iron	20700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.05E-02
5178	68107	Iron	16500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.23E-02
5180	68107	Iron	20400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.99E-02
5182	68107	Iron	13900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.72E-02
5183	68107	Iron	14900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.92E-02
5185	68107	Iron	18200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.56E-02
5211	68107	Iron	13400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.62E-02
5212	68107	Iron	15300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.99E-02
2170	68108	Iron	16000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.13E-02
5225	68108	Iron	17900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.50E-02
5227	68108	Iron	16200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.17E-02
5229	68108	Iron	12900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.52E-02
5284	68108	Iron	16200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.17E-02
5300	68108	Iron	44100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	8.63E-02
5304	68108	Iron	18400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.60E-02
5306	68108	Iron	15300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.99E-02
5332	68108	Iron	11700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.29E-02
5387	68108	Iron	16300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.19E-02
5390	68108	Iron	16700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.27E-02
5394	68108	Iron	18800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.68E-02
5395	68108	Iron	17800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.48E-02
5398	68108	Iron	22400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Iron

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5429	68108	Iron	16200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.17E-02
5431	68108	Iron	19300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.78E-02
5432	68108	Iron	17100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.35E-02
5449	68108	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5450	68108	Iron	17800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.48E-02
5454	68108	Iron	11600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.27E-02
5460	68108	Iron	14300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.80E-02
5463	68108	Iron	16400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.21E-02
5467	68108	Iron	23600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.62E-02
5472	68108	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5473	68108	Iron	20400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.99E-02
5474	68108	Iron	18400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.60E-02
5480	68108	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5483	68108	Iron	16100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.15E-02
5485	68108	Iron	14300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.80E-02
5492	68108	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5505	68108	Iron	17700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.46E-02
5572	68108	Iron	15800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.09E-02
5607	68108	Iron	17200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.37E-02
5608	68108	Iron	19500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.82E-02
5623	68108	Iron	23500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.60E-02
5628	68108	Iron	18400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.60E-02
5630	68108	Iron	17400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.41E-02
5636	68108	Iron	22300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.36E-02
5637	68108	Iron	14200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.78E-02
5652	68108	Iron	14300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.80E-02
2069	68110	Iron	17400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.41E-02
2280	68110	Iron	13100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.56E-02
2354	68110	Iron	14400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.82E-02
3136	68110	Iron	15000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.94E-02
5258	68110	Iron	17800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.48E-02
5388	68110	Iron	18300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.58E-02
5520	68110	Iron	20500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.01E-02
5525	68110	Iron	19600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.84E-02
5527	68110	Iron	17900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.50E-02
5530	68110	Iron	18000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.52E-02
5532	68110	Iron	17900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.50E-02
5536	68110	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5541	68110	Iron	17200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.37E-02
5544	68110	Iron	15800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.09E-02
5546	68110	Iron	16500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.23E-02
5551	68110	Iron	17600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.44E-02
5559	68110	Iron	17200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.37E-02
5560	68110	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5561	68110	Iron	18300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.58E-02
5563	68110	Iron	17100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.35E-02
5565	68110	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5566	68110	Iron	16200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.17E-02
5612	68110	Iron	16800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.29E-02
5614	68110	Iron	18600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.64E-02
5641	68110	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5651	68110	Iron	18500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.62E-02
2035	68111	Iron	20700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.05E-02
2075	68111	Iron	15200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.97E-02
2103	68111	Iron	16700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.27E-02
2109	68111	Iron	19700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.86E-02
2121	68111	Iron	16700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.27E-02
2126	68111	Iron	17800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.48E-02
2154	68111	Iron	18400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.60E-02
2179	68111	Iron	13700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.68E-02
2216	68111	Iron	19600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.84E-02
2225	68111	Iron	14700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.88E-02
2231	68111	Iron	7530	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1.47E-02
2262	68111	Iron	17200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.37E-02
2365	68111	Iron	16100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.15E-02
3046	68111	Iron	13700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.68E-02
3051	68111	Iron	13800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.70E-02
3058	68111	Iron	14100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.76E-02
3091	68111	Iron	11700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.29E-02
3133	68111	Iron	14100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.76E-02
3151	68111	Iron	9260	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	1.81E-02
5013	68111	Iron	17300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.39E-02
5085	68111	Iron	18500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.62E-02
5170	68111	Iron	14400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.82E-02
5171	68111	Iron	17000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.33E-02
5204	68111	Iron	16900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.31E-02
5206	68111	Iron	20100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.93E-02
5208	68111	Iron	17200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.37E-02
5215	68111	Iron	16300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.19E-02
5221	68111	Iron	18500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.62E-02
5230	68111	Iron	16800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.29E-02
5232	68111	Iron	22000	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.31E-02
5234	68111	Iron	20400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	3.99E-02
5236	68111	Iron	18500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.62E-02
5238	68111	Iron	18300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.58E-02
5240	68111	Iron	16300	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.19E-02
5242	68111	Iron	16700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.27E-02
5246	68111	Iron	20800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Iron

								HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL				TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5037	68131	Iron	13900	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.72E-02
5150	68131	Iron	18200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.56E-02
5153	68131	Iron	16200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.17E-02
5186	68131	Iron	17500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.42E-02
5188	68131	Iron	17100	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.35E-02
5195	68131	Iron	13500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2.64E-02
5197	68131	Iron	16600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.25E-02
5260	68131	Iron	13700	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.68E-02
5272	68131	Iron	15500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.03E-02
5278	68131	Iron	16600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.25E-02
5298	68131	Iron	20500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4.01E-02
5377	68131	Iron	14800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.90E-02
5379	68131	Iron	14600	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.86E-02
5380	68131	Iron	17400	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.41E-02
5139	68132	Iron	16500	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3.23E-02
5140	68132	Iron	14800	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.90E-02
5313	68132	Iron	15200	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	2.97E-02
5317	68132	Iron	9950	7.00E-01	--	7.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	1.95E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2133	68104	Manganese	320	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5026	68104	Manganese	691	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5143	68104	Manganese	352	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5144	68104	Manganese	636	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5145	68104	Manganese	413	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5147	68104	Manganese	415	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2229	68105	Manganese	614	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2299	68105	Manganese	655	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2300	68105	Manganese	760	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2308	68105	Manganese	814	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3076	68105	Manganese	776	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3118	68105	Manganese	728	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5054	68105	Manganese	369	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5057	68105	Manganese	574	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5105	68105	Manganese	577	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5109	68105	Manganese	676	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5110	68105	Manganese	1240	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5112	68105	Manganese	1010	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5117	68105	Manganese	625	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5123	68105	Manganese	608	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5128	68105	Manganese	557	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5129	68105	Manganese	618	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5132	68105	Manganese	691	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5134	68105	Manganese	674	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5338	68105	Manganese	462	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5347	68105	Manganese	764	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5351	68105	Manganese	0.128	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-05	4E-06	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-05	4E-06
5352	68105	Manganese	674	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5355	68105	Manganese	573	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5356	68105	Manganese	810	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5357	68105	Manganese	742	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5359	68105	Manganese	872	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5361	68105	Manganese	456	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5363	68105	Manganese	785	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5364	68105	Manganese	652	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5365	68105	Manganese	710	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5367	68105	Manganese	753	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5486	68105	Manganese	514	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5488	68105	Manganese	434	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5489	68105	Manganese	698	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5495	68105	Manganese	617	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5509	68105	Manganese	708	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5610	68105	Manganese	753	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2030	68107	Manganese	596	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2038	68107	Manganese	570	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2104	68107	Manganese	330	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2124	68107	Manganese	769	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2167	68107	Manganese	738	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2206	68107	Manganese	341	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2252	68107	Manganese	659	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2273	68107	Manganese	585	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2292	68107	Manganese	637	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3003	68107	Manganese	697	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3021	68107	Manganese	656	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3074	68107	Manganese	585	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3121	68107	Manganese	960	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5066	68107	Manganese	474	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5076	68107	Manganese	515	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5130	68107	Manganese	1270	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5157	68107	Manganese	688	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5159	68107	Manganese	601	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5161	68107	Manganese	708	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5163	68107	Manganese	632	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5165	68107	Manganese	615	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5166	68107	Manganese	590	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5172	68107	Manganese	438	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5176	68107	Manganese	980	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5178	68107	Manganese	615	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5180	68107	Manganese	572	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5182	68107	Manganese	633	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5183	68107	Manganese	479	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5185	68107	Manganese	637	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5211	68107	Manganese	425	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5212	68107	Manganese	475	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2170	68108	Manganese	600	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5225	68108	Manganese	628	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5227	68108	Manganese	602	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5229	68108	Manganese	429	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5284	68108	Manganese	605	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5300	68108	Manganese	718	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5304	68108	Manganese	571	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5306	68108	Manganese	863	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5332	68108	Manganese	448	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5387	68108	Manganese	689	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5390	68108	Manganese	764	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5394	68108	Manganese	635	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5395	68108	Manganese	599	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5398	68108	Manganese	816	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5403	68108	Manganese	737	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5429	68108	Manganese	837	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5431	68108	Manganese	729	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5432	68108	Manganese	739	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5449	68108	Manganese	562	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5450	68108	Manganese	784	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5454	68108	Manganese	333	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5460	68108	Manganese	567	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5463	68108	Manganese	735	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5467	68108	Manganese	722	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5472	68108	Manganese	881	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5473	68108	Manganese	880	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5474	68108	Manganese	838	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5480	68108	Manganese	725	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5483	68108	Manganese	508	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5485	68108	Manganese	690	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5492	68108	Manganese	641	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5505	68108	Manganese	533	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5572	68108	Manganese	627	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5607	68108	Manganese	671	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5608	68108	Manganese	616	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5623	68108	Manganese	829	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5628	68108	Manganese	840	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5630	68108	Manganese	669	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5636	68108	Manganese	689	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5637	68108	Manganese	640	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5652	68108	Manganese	566	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2069	68110	Manganese	732	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2280	68110	Manganese	487	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2354	68110	Manganese	596	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3136	68110	Manganese	589	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5258	68110	Manganese	602	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5388	68110	Manganese	646	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5520	68110	Manganese	749	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5525	68110	Manganese	613	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5527	68110	Manganese	619	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5530	68110	Manganese	689	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5532	68110	Manganese	579	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5536	68110	Manganese	572	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5541	68110	Manganese	613	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5544	68110	Manganese	633	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5546	68110	Manganese	646	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5551	68110	Manganese	561	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5559	68110	Manganese	615	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5560	68110	Manganese	644	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5561	68110	Manganese	678	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5563	68110	Manganese	670	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5565	68110	Manganese	708	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5566	68110	Manganese	650	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5612	68110	Manganese	717	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5614	68110	Manganese	509	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5641	68110	Manganese	692	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5651	68110	Manganese	661	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2035	68111	Manganese	662	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2075	68111	Manganese	405	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2103	68111	Manganese	771	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2109	68111	Manganese	694	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2121	68111	Manganese	655	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2126	68111	Manganese	638	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2154	68111	Manganese	587	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2179	68111	Manganese	676	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2216	68111	Manganese	726	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2225	68111	Manganese	593	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
2231	68111	Manganese	180	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2262	68111	Manganese	501	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2365	68111	Manganese	667	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3046	68111	Manganese	663	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3051	68111	Manganese	655	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3058	68111	Manganese	712	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3091	68111	Manganese	451	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3133	68111	Manganese	611	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
3151	68111	Manganese	482	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5013	68111	Manganese	621	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5085	68111	Manganese	617	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5170	68111	Manganese	533	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5171	68111	Manganese	529	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5204	68111	Manganese	667	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5206	68111	Manganese	732	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5208	68111	Manganese	501	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5215	68111	Manganese	588	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5221	68111	Manganese	621	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5230	68111	Manganese	559	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5232	68111	Manganese	625	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5234	68111	Manganese	662	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5236	68111	Manganese	543	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5238	68111	Manganese	701	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5240	68111	Manganese	690	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5242	68111	Manganese	589	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5246	68111	Manganese	691	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5288	68111	Manganese	654	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	-

Reasonable Maximum Exposure - Manganese

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5037	68131	Manganese	442	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5150	68131	Manganese	739	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5153	68131	Manganese	710	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5186	68131	Manganese	590	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5188	68131	Manganese	453	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5195	68131	Manganese	467	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5197	68131	Manganese	747	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5260	68131	Manganese	303	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5272	68131	Manganese	576	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5278	68131	Manganese	689	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5298	68131	Manganese	789	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5377	68131	Manganese	700	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5379	68131	Manganese	703	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5380	68131	Manganese	711	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5139	68132	Manganese	542	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5140	68132	Manganese	575	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5313	68132	Manganese	458	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5317	68132	Manganese	408	4.67E-02	--	1.87E-03	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22493	68102	Mercury	0.552	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25567	68102	Mercury	0.101	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
25717	68102	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
25720	68102	Mercury	0.19	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25914	68102	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
90101	68102	Mercury	0.0838	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50647	68104	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
1626	68105	Mercury	0.578	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
2441	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
2448	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
2465	68105	Mercury	0.538	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5325	68105	Mercury	0.071	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12784	68105	Mercury	0.0453	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12864	68105	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12875	68105	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12886	68105	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12964	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12995	68105	Mercury	0.0539	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13069	68105	Mercury	0.0409	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13073	68105	Mercury	0.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13092	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13166	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13185	68105	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13187	68105	Mercury	0.073	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13191	68105	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13204	68105	Mercury	0.0624	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13209	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13237	68105	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13240	68105	Mercury	0.0775	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
13245	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13248	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13273	68105	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13283	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13322	68105	Mercury	0.1823	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13336	68105	Mercury	0.0935	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
13370	68105	Mercury	0.212	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13381	68105	Mercury	0.0551	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13389	68105	Mercury	0.0753	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13403	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13437	68105	Mercury	0.0527	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13438	68105	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13460	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13476	68105	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13573	68105	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13577	68105	Mercury	0.0624	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13611	68105	Mercury	0.0794	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
13656	68105	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13690	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13731	68105	Mercury	0.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
13735	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13741	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13745	68105	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
13779	68105	Mercury	0.0865	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
13790	68105	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13791	68105	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13793	68105	Mercury	0.0377	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13851	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13863	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
13869	68105	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13871	68105	Mercury	0.0878	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
13880	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13918	68105	Mercury	0.0552	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13919	68105	Mercury	0.624	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13935	68105	Mercury	0.043	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13984	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14003	68105	Mercury	0.0523	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14024	68105	Mercury	0.208	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14050	68105	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14063	68105	Mercury	0.0917	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
14080	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14098	68105	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
14199	68105	Mercury	0.0654	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14238	68105	Mercury	0.0639	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14322	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14326	68105	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14341	68105	Mercury	0.586	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14407	68105	Mercury	0.0705	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14410	68105	Mercury	0.0732	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14460	68105	Mercury	0.094	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
14492	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14525	68105	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
14528	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
14536	68105	Mercury	0.224	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14544	68105	Mercury	0.0835	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
14556	68105	Mercury	0.048	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14557	68105	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14577	68105	Mercury	0.146	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14602	68105	Mercury	0.086	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14647	68105	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14656	68105	Mercury	0.0708	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14688	68105	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14718	68105	Mercury	0.218	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14739	68105	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14752	68105	Mercury	0.0539	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14780	68105	Mercury	0.0863	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
14817	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
14823	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14860	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
14885	68105	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
14913	68105	Mercury	0.0977	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
14959	68105	Mercury	0.128	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
14964	68105	Mercury	0.314	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14976	68105	Mercury	0.0711	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14992	68105	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15003	68105	Mercury	0.217	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15044	68105	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15045	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
15058	68105	Mercury	0.072	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15060	68105	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
15091	68105	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15106	68105	Mercury	0.199	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15166	68105	Mercury	0.689	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15227	68105	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
15231	68105	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15255	68105	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
15278	68105	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15279	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15292	68105	Mercury	0.1295	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15299	68105	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15308	68105	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15317	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
15329	68105	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15336	68105	Mercury	0.989	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
15348	68105	Mercury	0.087	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
15363	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15372	68105	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15416	68105	Mercury	0.0668	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15496	68105	Mercury	0.0681	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15519	68105	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15526	68105	Mercury	0.0175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-04	8E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-04	8E-05
15577	68105	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15587	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15611	68105	Mercury	0.089	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
15651	68105	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15686	68105	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
15695	68105	Mercury	0.0746	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15728	68105	Mercury	0.0768	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
15801	68105	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15835	68105	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
15842	68105	Mercury	0.0638	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15871	68105	Mercury	0.0635	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15891	68105	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15918	68105	Mercury	0.0307	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
15959	68105	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15985	68105	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15988	68105	Mercury	0.0795	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
16027	68105	Mercury	0.256	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16072	68105	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16094	68105	Mercury	0.165	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16098	68105	Mercury	0.183	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
16123	68105	Mercury	0.099	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
16155	68105	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
16169	68105	Mercury	1.72	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
16182	68105	Mercury	0.0429	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16186	68105	Mercury	0.1015	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
16230	68105	Mercury	0.1675	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16236	68105	Mercury	0.0445	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16243	68105	Mercury	0.511	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16271	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16308	68105	Mercury	0.303	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16309	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
16321	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16333	68105	Mercury	0.293	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16364	68105	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16365	68105	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16384	68105	Mercury	0.0692	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16395	68105	Mercury	0.431	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16420	68105	Mercury	0.0765	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16472	68105	Mercury	0.156	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16473	68105	Mercury	0.201	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16478	68105	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16486	68105	Mercury	0.079	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
16499	68105	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16545	68105	Mercury	0.0379	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16572	68105	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16589	68105	Mercury	0.0857	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
16618	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16646	68105	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16668	68105	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16749	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16772	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16777	68105	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16793	68105	Mercury	0.0891	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
16851	68105	Mercury	0.0893	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
16866	68105	Mercury	0.068	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16869	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
16889	68105	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16893	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
16922	68105	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
16928	68105	Mercury	0.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
16946	68105	Mercury	0.295	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16963	68105	Mercury	0.074	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16974	68105	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17040	68105	Mercury	0.26	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17055	68105	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
17065	68105	Mercury	0.358	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17076	68105	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17097	68105	Mercury	0.0493	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17108	68105	Mercury	0.0909	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17142	68105	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
17179	68105	Mercury	0.067	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17198	68105	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17199	68105	Mercury	0.344	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17270	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17298	68105	Mercury	0.0453	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17300	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17348	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17374	68105	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
17379	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17542	68105	Mercury	0.149	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17557	68105	Mercury	0.362	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17719	68105	Mercury	1.67	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
17725	68105	Mercury	0.092	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17745	68105	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17753	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
17802	68105	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17803	68105	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17827	68105	Mercury	0.0965	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17876	68105	Mercury	0.224	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17899	68105	Mercury	0.292	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17918	68105	Mercury	1.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
17934	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
17935	68105	Mercury	0.222	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18036	68105	Mercury	0.339	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18133	68105	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
18147	68105	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
18177	68105	Mercury	0.722	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18187	68105	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
18189	68105	Mercury	0.0922	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
18281	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
18321	68105	Mercury	0.212	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18349	68105	Mercury	0.213	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18452	68105	Mercury	0.192	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18453	68105	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
18469	68105	Mercury	0.167	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18499	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
18561	68105	Mercury	0.165	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18573	68105	Mercury	0.085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
18598	68105	Mercury	1.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
18610	68105	Mercury	0.0517	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
18654	68105	Mercury	0.0634	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18661	68105	Mercury	0.189	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18673	68105	Mercury	0.246	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18676	68105	Mercury	0.0724	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18693	68105	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
18757	68105	Mercury	0.382	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18787	68105	Mercury	0.204	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18797	68105	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18825	68105	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18839	68105	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
18871	68105	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18882	68105	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
18898	68105	Mercury	0.339	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18927	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18934	68105	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19015	68105	Mercury	0.258	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19028	68105	Mercury	0.211	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19127	68105	Mercury	0.41	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19129	68105	Mercury	0.529	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19169	68105	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19288	68105	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
19310	68105	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19334	68105	Mercury	0.1205	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
19344	68105	Mercury	0.21	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19448	68105	Mercury	0.0529	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
19485	68105	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19489	68105	Mercury	0.21	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19496	68105	Mercury	0.128	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
19561	68105	Mercury	0.24	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19602	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
19612	68105	Mercury	0.0939	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
19655	68105	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
19671	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
19676	68105	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
19728	68105	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19729	68105	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19768	68105	Mercury	0.0951	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
19787	68105	Mercury	0.713	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19791	68105	Mercury	0.212	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19812	68105	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19831	68105	Mercury	0.0773	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
19839	68105	Mercury	0.048	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
19858	68105	Mercury	0.071	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19864	68105	Mercury	0.0608	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19915	68105	Mercury	0.551	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
19923	68105	Mercury	0.201	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
19932	68105	Mercury	0.252	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19938	68105	Mercury	0.309	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19972	68105	Mercury	0.239	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19976	68105	Mercury	0.211	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19987	68105	Mercury	0.161	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
20069	68105	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20080	68105	Mercury	0.321	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20105	68105	Mercury	0.151	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
20110	68105	Mercury	0.085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20128	68105	Mercury	0.206	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
20170	68105	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
20218	68105	Mercury	0.1525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
20236	68105	Mercury	0.0965	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20313	68105	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20315	68105	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
20342	68105	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20420	68105	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20426	68105	Mercury	0.337	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20452	68105	Mercury	0.0742	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20470	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20471	68105	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20477	68105	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20506	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20510	68105	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20535	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20545	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20557	68105	Mercury	0.33	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20584	68105	Mercury	0.1045	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
20590	68105	Mercury	0.174	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20603	68105	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20610	68105	Mercury	0.251	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20612	68105	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
20656	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
20674	68105	Mercury	0.0942	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20685	68105	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
20702	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
20759	68105	Mercury	0.0973	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20777	68105	Mercury	0.2665	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20823	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20845	68105	Mercury	0.0248	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
20856	68105	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20883	68105	Mercury	0.14	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20908	68105	Mercury	0.0963	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20925	68105	Mercury	0.228	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20945	68105	Mercury	0.0774	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
20961	68105	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20964	68105	Mercury	0.28	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21005	68105	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
21012	68105	Mercury	0.211	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21019	68105	Mercury	0.278	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21053	68105	Mercury	0.208	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
21064	68105	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
21068	68105	Mercury	0.476	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21079	68105	Mercury	0.072	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21097	68105	Mercury	0.183	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
21110	68105	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21136	68105	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
21143	68105	Mercury	0.153	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
21148	68105	Mercury	0.0594	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21150	68105	Mercury	0.0875	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21265	68105	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21268	68105	Mercury	0.082	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
21283	68105	Mercury	0.1085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21309	68105	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21336	68105	Mercury	0.798	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
21355	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21390	68105	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21394	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21436	68105	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21454	68105	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21490	68105	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21498	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
21513	68105	Mercury	0.835	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
21535	68105	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21551	68105	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
21560	68105	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21565	68105	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21578	68105	Mercury	0.374	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21609	68105	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
21614	68105	Mercury	0.187	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21625	68105	Mercury	0.0711	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21653	68105	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21677	68105	Mercury	0.0999	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
21689	68105	Mercury	0.256	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21705	68105	Mercury	0.208	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
21714	68105	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21720	68105	Mercury	0.379	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21724	68105	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21730	68105	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21744	68105	Mercury	0.0812	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
21811	68105	Mercury	0.184	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
21815	68105	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21822	68105	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
21836	68105	Mercury	0.0982	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21881	68105	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21884	68105	Mercury	0.0793	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
21901	68105	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21916	68105	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21925	68105	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
21941	68105	Mercury	0.0855	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21956	68105	Mercury	0.241	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21981	68105	Mercury	0.0807	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
21985	68105	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21989	68105	Mercury	0.435	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22006	68105	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
22013	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
22024	68105	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22025	68105	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22027	68105	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
22034	68105	Mercury	0.0752	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
22036	68105	Mercury	0.0209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	1E-04
22039	68105	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
22044	68105	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
22046	68105	Mercury	0.769	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
22056	68105	Mercury	0.094	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
22061	68105	Mercury	0.276	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22074	68105	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
22079	68105	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
22080	68105	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
22177	68105	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
22181	68105	Mercury	0.871	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
22183	68105	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
22230	68105	Mercury	0.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22273	68105	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
22295	68105	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
22320	68105	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
22344	68105	Mercury	0.0856	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
22358	68105	Mercury	0.101	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
22386	68105	Mercury	0.601	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22399	68105	Mercury	0.158	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22405	68105	Mercury	0.1505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
22453	68105	Mercury	0.325	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22563	68105	Mercury	0.39	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22574	68105	Mercury	0.216	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22636	68105	Mercury	0.0883	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
22715	68105	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
22716	68105	Mercury	0.32	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22754	68105	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
22772	68105	Mercury	0.0655	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
22832	68105	Mercury	0.217	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49272	68105	Mercury	0.385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49289	68105	Mercury	0.587	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50528	68105	Mercury	0.586	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
50574	68105	Mercury	0.0728	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
90427	68105	Mercury	0.0905	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
93120	68105	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
93354	68105	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
93358	68105	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
93364	68105	Mercury	0.0747	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
93381	68105	Mercury	0.79	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51011	68106	Mercury	0.183	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51029	68106	Mercury	0.1165	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51034	68106	Mercury	0.2015	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51037	68106	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
51041	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51046	68106	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51047	68106	Mercury	0.272	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51052	68106	Mercury	0.915	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51058	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51064	68106	Mercury	0.0189	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-04	9E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-04	9E-05
51065	68106	Mercury	0.0457	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51079	68106	Mercury	0.244	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51080	68106	Mercury	0.0844	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
51082	68106	Mercury	0.0779	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
51089	68106	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51093	68106	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51101	68106	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
51102	68106	Mercury	0.1225	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51113	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51116	68106	Mercury	0.354	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51118	68106	Mercury	0.365	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51120	68106	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51123	68106	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51126	68106	Mercury	0.224	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51127	68106	Mercury	0.241	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51132	68106	Mercury	0.0635	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51133	68106	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51143	68106	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51155	68106	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
51158	68106	Mercury	0.808	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51160	68106	Mercury	0.081	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
51162	68106	Mercury	0.242	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51184	68106	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
2056	68107	Mercury	0.207	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2220	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
2496	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
2499	68107	Mercury	0.332	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10008	68107	Mercury	6.65	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10018	68107	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10044	68107	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
10046	68107	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10072	68107	Mercury	0.0879	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10073	68107	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10088	68107	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10095	68107	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
10111	68107	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10130	68107	Mercury	1.99	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
10134	68107	Mercury	0.0681	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10214	68107	Mercury	0.197	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10241	68107	Mercury	0.401	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10290	68107	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10295	68107	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10299	68107	Mercury	0.0747	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10310	68107	Mercury	0.299	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10328	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
10329	68107	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
10387	68107	Mercury	0.0476	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10401	68107	Mercury	0.238	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10403	68107	Mercury	0.1895	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10425	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10432	68107	Mercury	0.093	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10455	68107	Mercury	0.159	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10458	68107	Mercury	0.031	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
10468	68107	Mercury	0.0731	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10471	68107	Mercury	0.38	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10484	68107	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10492	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10500	68107	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10508	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10513	68107	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10538	68107	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10543	68107	Mercury	0.651	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10548	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10578	68107	Mercury	0.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10582	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10622	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10633	68107	Mercury	0.0355	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10650	68107	Mercury	0.0905	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10654	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10662	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10670	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10687	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
10707	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10720	68107	Mercury	0.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10735	68107	Mercury	0.0477	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10738	68107	Mercury	0.0744	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10794	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10814	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10822	68107	Mercury	0.132	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
10831	68107	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
10834	68107	Mercury	0.0838	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10842	68107	Mercury	0.0602	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10848	68107	Mercury	0.1095	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10858	68107	Mercury	0.0624	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10860	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10870	68107	Mercury	0.156	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10876	68107	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
10877	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
10880	68107	Mercury	0.0327	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
10895	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
10909	68107	Mercury	0.0715	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10914	68107	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10920	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10925	68107	Mercury	0.195	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10931	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
10938	68107	Mercury	0.349	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10944	68107	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
10947	68107	Mercury	0.0533	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10950	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
10965	68107	Mercury	0.23	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10970	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10990	68107	Mercury	0.0841	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10991	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11036	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11069	68107	Mercury	0.085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
11070	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11082	68107	Mercury	0.094	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
11094	68107	Mercury	0.0715	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11107	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11118	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11142	68107	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11155	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
11172	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11179	68107	Mercury	0.207	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11191	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11194	68107	Mercury	0.0327	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
11203	68107	Mercury	0.189	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11208	68107	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11222	68107	Mercury	0.279	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11230	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11232	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
11233	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11246	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11258	68107	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11268	68107	Mercury	0.0399	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11272	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
11283	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11303	68107	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11309	68107	Mercury	0.0711	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11312	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11321	68107	Mercury	0.208	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11343	68107	Mercury	0.374	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11349	68107	Mercury	1.36	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
11367	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11372	68107	Mercury	0.153	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11385	68107	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11387	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11400	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11403	68107	Mercury	0.0493	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11408	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
11410	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11416	68107	Mercury	0.514	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11423	68107	Mercury	0.045	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11439	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11444	68107	Mercury	12.3	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	6E-02
11449	68107	Mercury	0.0604	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11465	68107	Mercury	0.261	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11469	68107	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11491	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
11494	68107	Mercury	0.282	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11523	68107	Mercury	0.0502	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11552	68107	Mercury	0.0895	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
11558	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11568	68107	Mercury	0.0734	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11599	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11601	68107	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11603	68107	Mercury	0.0696	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11604	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11609	68107	Mercury	0.076	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11614	68107	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11661	68107	Mercury	0.0351	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	2E-04
11686	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11711	68107	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11741	68107	Mercury	0.0741	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11754	68107	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11765	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11777	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
11807	68107	Mercury	0.262	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11829	68107	Mercury	0.194	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11842	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11865	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11894	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11902	68107	Mercury	0.0512	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11910	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
11941	68107	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11960	68107	Mercury	0.0517	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
11982	68107	Mercury	0.089	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
12002	68107	Mercury	0.079	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
12009	68107	Mercury	0.0777	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
12012	68107	Mercury	0.0809	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
12037	68107	Mercury	0.289	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12047	68107	Mercury	0.0524	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12086	68107	Mercury	0.734	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12114	68107	Mercury	0.0534	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12116	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12118	68107	Mercury	0.082	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
12124	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12126	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12152	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12166	68107	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12194	68107	Mercury	0.245	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12206	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12220	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12227	68107	Mercury	0.0949	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
12239	68107	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
12290	68107	Mercury	0.224	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12296	68107	Mercury	0.239	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12338	68107	Mercury	0.0637	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12344	68107	Mercury	0.0705	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12351	68107	Mercury	0.095	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
12372	68107	Mercury	0.0917	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
12388	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12407	68107	Mercury	0.0581	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12410	68107	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
12414	68107	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12424	68107	Mercury	0.0934	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
12439	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12449	68107	Mercury	0.296	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12457	68107	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12506	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12514	68107	Mercury	0.0365	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12529	68107	Mercury	0.254	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12530	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12547	68107	Mercury	0.0472	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12551	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12567	68107	Mercury	0.0537	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12572	68107	Mercury	0.36	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12588	68107	Mercury	0.158	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12590	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12605	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12644	68107	Mercury	0.838	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
12667	68107	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
12714	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12729	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12741	68107	Mercury	0.0816	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
12755	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12761	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12794	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12830	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
12848	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
12858	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12871	68107	Mercury	0.174	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13038	68107	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13045	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43676	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
43691	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43698	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
43703	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43711	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43729	68107	Mercury	0.187	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43736	68107	Mercury	0.0854	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
43744	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
43746	68107	Mercury	0.177	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43771	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43790	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43793	68107	Mercury	0.0832	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
43800	68107	Mercury	0.0489	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43813	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43843	68107	Mercury	0.0484	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43853	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
43869	68107	Mercury	0.0355	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43874	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43892	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43912	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43933	68107	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
43942	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43945	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43949	68107	Mercury	0.082	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
43962	68107	Mercury	0.1065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43978	68107	Mercury	0.433	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44002	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44025	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44037	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44047	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44063	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44066	68107	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
44076	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44104	68107	Mercury	0.0693	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44107	68107	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44112	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44127	68107	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44130	68107	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44133	68107	Mercury	0.0678	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44137	68107	Mercury	0.0816	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
44145	68107	Mercury	0.177	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44153	68107	Mercury	0.307	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44157	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44177	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44184	68107	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44185	68107	Mercury	0.227	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44198	68107	Mercury	0.0976	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44202	68107	Mercury	0.0487	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44220	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44225	68107	Mercury	0.0475	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44233	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44236	68107	Mercury	0.0115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-04	5E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-04	5E-05
44237	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44248	68107	Mercury	0.0359	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44299	68107	Mercury	0.612	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44319	68107	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44348	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44416	68107	Mercury	0.636	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44446	68107	Mercury	0.391	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44452	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44455	68107	Mercury	0.326	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44456	68107	Mercury	0.484	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44465	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44475	68107	Mercury	0.132	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44482	68107	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44483	68107	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44490	68107	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44503	68107	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44507	68107	Mercury	0.288	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44508	68107	Mercury	0.0487	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44519	68107	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44526	68107	Mercury	0.479	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44528	68107	Mercury	0.163	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44529	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44531	68107	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
44536	68107	Mercury	0.0616	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44539	68107	Mercury	0.0541	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44546	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44549	68107	Mercury	0.14	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44556	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44567	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44578	68107	Mercury	0.0725	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44581	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44589	68107	Mercury	0.084	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44590	68107	Mercury	0.0955	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44592	68107	Mercury	0.299	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44597	68107	Mercury	0.0613	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44617	68107	Mercury	0.0699	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44619	68107	Mercury	0.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
44623	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44626	68107	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44636	68107	Mercury	0.0823	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44640	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44644	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44668	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44700	68107	Mercury	0.297	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44711	68107	Mercury	21.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
44725	68107	Mercury	0.0838	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44727	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44738	68107	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44740	68107	Mercury	6.59	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44741	68107	Mercury	0.0981	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44747	68107	Mercury	8.35	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44753	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44755	68107	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44756	68107	Mercury	0.0685	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44768	68107	Mercury	0.261	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44790	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44798	68107	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44810	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44814	68107	Mercury	0.0675	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44822	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44854	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44857	68107	Mercury	0.347	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44869	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44877	68107	Mercury	0.197	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44902	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44923	68107	Mercury	0.0732	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44927	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44935	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44939	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44943	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44955	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
44959	68107	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
44969	68107	Mercury	0.0825	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44979	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44980	68107	Mercury	0.0915	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44984	68107	Mercury	0.0584	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
44987	68107	Mercury	0.087	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44996	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45004	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45005	68107	Mercury	0.232	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45018	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45020	68107	Mercury	0.324	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45023	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45034	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45044	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45056	68107	Mercury	0.0998	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45072	68107	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45073	68107	Mercury	0.184	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45077	68107	Mercury	0.0217	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	1E-04
45078	68107	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45084	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45118	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45147	68107	Mercury	0.0885	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45150	68107	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45156	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45166	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45167	68107	Mercury	0.088	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45183	68107	Mercury	0.0921	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45188	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45195	68107	Mercury	0.168	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45199	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45206	68107	Mercury	1.51	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
45213	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45223	68107	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45227	68107	Mercury	0.754	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45236	68107	Mercury	0.0848	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45244	68107	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45259	68107	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45265	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45269	68107	Mercury	0.265	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45298	68107	Mercury	0.0635	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45300	68107	Mercury	0.21	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45303	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45304	68107	Mercury	0.23	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45305	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45321	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45343	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45350	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45356	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45364	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45370	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45390	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45393	68107	Mercury	0.0653	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45404	68107	Mercury	0.0818	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
45411	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45423	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45424	68107	Mercury	0.184	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45447	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45458	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45460	68107	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45475	68107	Mercury	0.423	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45484	68107	Mercury	0.0619	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45487	68107	Mercury	0.192	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45494	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45495	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45503	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45530	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45533	68107	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45564	68107	Mercury	0.313	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45566	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45574	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45584	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45608	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45609	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45624	68107	Mercury	0.0447	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45626	68107	Mercury	0.049	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45645	68107	Mercury	0.258	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45646	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45648	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45662	68107	Mercury	0.222	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45663	68107	Mercury	0.316	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45678	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45698	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45724	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45725	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45728	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45739	68107	Mercury	0.0409	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45741	68107	Mercury	0.079	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
45747	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45764	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45767	68107	Mercury	0.0328	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
45770	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45786	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45787	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45789	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45811	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45822	68107	Mercury	0.0485	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45837	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45840	68107	Mercury	0.459	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45849	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45854	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45883	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45906	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45921	68107	Mercury	0.0221	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	1E-04
45923	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45927	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45955	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45970	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45984	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
45988	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45999	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46035	68107	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46049	68107	Mercury	0.0352	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46050	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46052	68107	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46071	68107	Mercury	1.54	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
46073	68107	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46091	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46103	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46107	68107	Mercury	0.244	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46118	68107	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46122	68107	Mercury	0.0666	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46127	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46133	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46145	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46150	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46164	68107	Mercury	0.0678	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46168	68107	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46180	68107	Mercury	0.247	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46187	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46210	68107	Mercury	0.157	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46214	68107	Mercury	0.0492	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46241	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46247	68107	Mercury	0.0728	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46260	68107	Mercury	1.5	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
46279	68107	Mercury	0.0639	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46297	68107	Mercury	0.188	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46346	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46347	68107	Mercury	0.0898	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46363	68107	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46368	68107	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46380	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46399	68107	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46423	68107	Mercury	1.79	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
46432	68107	Mercury	0.202	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46448	68107	Mercury	0.0514	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46461	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46469	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46472	68107	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46473	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46474	68107	Mercury	0.405	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46478	68107	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46490	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46493	68107	Mercury	0.0258	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
46494	68107	Mercury	0.318	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46498	68107	Mercury	0.0747	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46505	68107	Mercury	0.211	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46509	68107	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46527	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46566	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46579	68107	Mercury	0.388	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46583	68107	Mercury	0.302	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46610	68107	Mercury	0.0899	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46626	68107	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46628	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46637	68107	Mercury	0.0787	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
46655	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46662	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46664	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46672	68107	Mercury	0.0995	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
46673	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46683	68107	Mercury	0.0875	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46698	68107	Mercury	0.088	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46699	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46708	68107	Mercury	3.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46712	68107	Mercury	0.269	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46725	68107	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46727	68107	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46731	68107	Mercury	0.165	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46743	68107	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
46763	68107	Mercury	0.26	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46764	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46772	68107	Mercury	0.785	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46776	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46792	68107	Mercury	0.0845	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46794	68107	Mercury	0.047	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46805	68107	Mercury	0.706	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46808	68107	Mercury	0.177	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46815	68107	Mercury	0.69	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46835	68107	Mercury	0.0505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46852	68107	Mercury	0.306	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46857	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46864	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46867	68107	Mercury	0.0847	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
46893	68107	Mercury	0.199	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46916	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46919	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
46934	68107	Mercury	0.277	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46954	68107	Mercury	0.455	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46964	68107	Mercury	0.0772	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
46976	68107	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
46994	68107	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
46998	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47021	68107	Mercury	0.343	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47030	68107	Mercury	3.33	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
47038	68107	Mercury	0.1315	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47046	68107	Mercury	0.321	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47047	68107	Mercury	0.908	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47052	68107	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47058	68107	Mercury	1.67	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
47088	68107	Mercury	0.406	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47090	68107	Mercury	0.0543	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47106	68107	Mercury	6.64	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47139	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47140	68107	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47147	68107	Mercury	0.266	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47148	68107	Mercury	0.358	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47149	68107	Mercury	0.0772	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
47163	68107	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47172	68107	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47179	68107	Mercury	0.132	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47181	68107	Mercury	0.194	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47196	68107	Mercury	0.18	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47203	68107	Mercury	0.0675	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47206	68107	Mercury	0.0434	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47215	68107	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47216	68107	Mercury	0.0703	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47217	68107	Mercury	0.234	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47218	68107	Mercury	0.174	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47223	68107	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47249	68107	Mercury	0.0633	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47250	68107	Mercury	0.0665	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47259	68107	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
47274	68107	Mercury	0.079	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
47275	68107	Mercury	0.049	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47279	68107	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
47291	68107	Mercury	0.66	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47293	68107	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47296	68107	Mercury	0.208	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47311	68107	Mercury	0.0203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-04	9E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-04	9E-05
47312	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47315	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47320	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47322	68107	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47338	68107	Mercury	0.188	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47339	68107	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47356	68107	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47368	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
47380	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47382	68107	Mercury	0.0529	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47385	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47390	68107	Mercury	0.084	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47417	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
47421	68107	Mercury	0.0841	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47424	68107	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
47425	68107	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47440	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47452	68107	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
47475	68107	Mercury	0.0775	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
47485	68107	Mercury	0.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
47511	68107	Mercury	0.0905	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47514	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47518	68107	Mercury	0.071	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47526	68107	Mercury	0.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47544	68107	Mercury	0.539	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47553	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47565	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47566	68107	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47604	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47610	68107	Mercury	0.0715	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47617	68107	Mercury	0.155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47621	68107	Mercury	0.473	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47627	68107	Mercury	0.049	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47649	68107	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47656	68107	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47670	68107	Mercury	0.215	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47681	68107	Mercury	0.242	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47706	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
47708	68107	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47761	68107	Mercury	0.191	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47768	68107	Mercury	0.357	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47783	68107	Mercury	0.337	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47795	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
47797	68107	Mercury	0.335	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47811	68107	Mercury	0.194	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47813	68107	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47816	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47820	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
47838	68107	Mercury	2.18	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
47841	68107	Mercury	0.0902	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47860	68107	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
47867	68107	Mercury	0.267	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47886	68107	Mercury	0.7	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47895	68107	Mercury	0.203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47924	68107	Mercury	0.0869	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47930	68107	Mercury	0.306	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47934	68107	Mercury	0.231	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47939	68107	Mercury	0.426	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47952	68107	Mercury	0.183	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47966	68107	Mercury	0.0845	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47969	68107	Mercury	0.1445	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48003	68107	Mercury	0.086	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48006	68107	Mercury	0.473	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48014	68107	Mercury	0.071	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48016	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48018	68107	Mercury	0.0753	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48036	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48043	68107	Mercury	0.085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48048	68107	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
48056	68107	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48092	68107	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48116	68107	Mercury	0.0865	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48118	68107	Mercury	0.005	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
48120	68107	Mercury	0.0698	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48135	68107	Mercury	0.636	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48141	68107	Mercury	0.0659	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48150	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48167	68107	Mercury	0.304	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48232	68107	Mercury	0.087	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48245	68107	Mercury	0.797	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48261	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48271	68107	Mercury	0.0761	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48292	68107	Mercury	0.151	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48308	68107	Mercury	0.259	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48327	68107	Mercury	0.1125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48334	68107	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48341	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48359	68107	Mercury	0.0841	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48367	68107	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48368	68107	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48380	68107	Mercury	0.0713	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48416	68107	Mercury	0.0697	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48418	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48434	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48494	68107	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48495	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48508	68107	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48510	68107	Mercury	0.0273	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
48525	68107	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48547	68107	Mercury	0.1145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48553	68107	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48578	68107	Mercury	0.933	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48583	68107	Mercury	0.095	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48589	68107	Mercury	0.346	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48593	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48596	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48620	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48636	68107	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48639	68107	Mercury	0.0455	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48641	68107	Mercury	0.0583	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48654	68107	Mercury	0.0848	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48661	68107	Mercury	11.5	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
48668	68107	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48674	68107	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48685	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48694	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48708	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48715	68107	Mercury	0.247	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48721	68107	Mercury	0.1805	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48733	68107	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
48736	68107	Mercury	0.277	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48747	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48768	68107	Mercury	0.0622	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
48798	68107	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48815	68107	Mercury	0.0951	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48821	68107	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48836	68107	Mercury	0.241	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48846	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48855	68107	Mercury	0.207	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48871	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48886	68107	Mercury	0.186	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48900	68107	Mercury	6.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48904	68107	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48944	68107	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
48952	68107	Mercury	0.453	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48963	68107	Mercury	0.315	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48973	68107	Mercury	0.271	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48975	68107	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48977	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
48999	68107	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49012	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49036	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49070	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49081	68107	Mercury	0.0665	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49082	68107	Mercury	0.0835	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49085	68107	Mercury	0.0515	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49098	68107	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49117	68107	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49126	68107	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49167	68107	Mercury	3.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
49208	68107	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49239	68107	Mercury	0.0937	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49249	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49371	68107	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49383	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49395	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49404	68107	Mercury	0.0995	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
49435	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49439	68107	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49441	68107	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49444	68107	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50137	68107	Mercury	0.099	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50139	68107	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50140	68107	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50141	68107	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50144	68107	Mercury	0.068	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50158	68107	Mercury	0.087	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50185	68107	Mercury	0.093	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50191	68107	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50192	68107	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50193	68107	Mercury	0.067	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50214	68107	Mercury	0.074	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50243	68107	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50244	68107	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50246	68107	Mercury	0.097	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50249	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50276	68107	Mercury	0.092	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50284	68107	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50286	68107	Mercury	0.028	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
50292	68107	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50293	68107	Mercury	0.084	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50294	68107	Mercury	0.03	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
50299	68107	Mercury	0.042	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50300	68107	Mercury	0.072	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50313	68107	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50325	68107	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
50326	68107	Mercury	0.153	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50335	68107	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
50359	68107	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50360	68107	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50361	68107	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50362	68107	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
50537	68107	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
76891	68107	Mercury	0.0696	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
89377	68107	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
89408	68107	Mercury	0.157	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2518	68108	Mercury	1.21	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
2521	68108	Mercury	0.0469	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
2522	68108	Mercury	0.176	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2527	68108	Mercury	0.45	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2532	68108	Mercury	0.128	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12816	68108	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
12859	68108	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12926	68108	Mercury	0.0699	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
12947	68108	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13102	68108	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
13164	68108	Mercury	0.794	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13184	68108	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
13189	68108	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
13239	68108	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13267	68108	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13436	68108	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13485	68108	Mercury	0.0528	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13529	68108	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13530	68108	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
13536	68108	Mercury	0.682	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13575	68108	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
13645	68108	Mercury	0.0991	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
13661	68108	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13674	68108	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
13675	68108	Mercury	0.0628	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
13760	68108	Mercury	0.088	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
13773	68108	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
13795	68108	Mercury	0.22	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13941	68108	Mercury	0.0798	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
14043	68108	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
14076	68108	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14079	68108	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14130	68108	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14140	68108	Mercury	0.0816	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
14203	68108	Mercury	0.0448	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14270	68108	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
14279	68108	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
14290	68108	Mercury	1.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
14438	68108	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14449	68108	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
14481	68108	Mercury	0.157	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14486	68108	Mercury	0.0499	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14497	68108	Mercury	0.647	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14537	68108	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
14545	68108	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14576	68108	Mercury	0.187	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14578	68108	Mercury	0.0485	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
14617	68108	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14660	68108	Mercury	0.284	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14692	68108	Mercury	0.222	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14720	68108	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14818	68108	Mercury	0.167	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14825	68108	Mercury	1.01	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
14849	68108	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
14855	68108	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14878	68108	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
14914	68108	Mercury	0.218	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14998	68108	Mercury	0.0991	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
15001	68108	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15051	68108	Mercury	0.292	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15053	68108	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15116	68108	Mercury	0.313	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15135	68108	Mercury	0.1295	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15248	68108	Mercury	0.0139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-04	6E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-04	6E-05
15256	68108	Mercury	0.216	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15266	68108	Mercury	0.204	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15337	68108	Mercury	0.1355	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15443	68108	Mercury	0.0641	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15468	68108	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
15601	68108	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15603	68108	Mercury	0.0329	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	2E-04
15687	68108	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15748	68108	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15768	68108	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15915	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15939	68108	Mercury	0.0773	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
15955	68108	Mercury	0.222	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15966	68108	Mercury	0.3	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15980	68108	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
16006	68108	Mercury	0.0239	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
16126	68108	Mercury	0.0493	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16135	68108	Mercury	0.04935	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16137	68108	Mercury	0.1505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16145	68108	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
16261	68108	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
16267	68108	Mercury	0.0845	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
16319	68108	Mercury	0.8	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
16349	68108	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
16446	68108	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16530	68108	Mercury	0.128	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
16556	68108	Mercury	0.0681	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16581	68108	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
16595	68108	Mercury	0.0466	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
16599	68108	Mercury	0.0655	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16711	68108	Mercury	0.219	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16813	68108	Mercury	0.565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
16973	68108	Mercury	0.372	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17004	68108	Mercury	0.226	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17005	68108	Mercury	0.0944	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17022	68108	Mercury	0.245	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17242	68108	Mercury	0.328	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17247	68108	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17282	68108	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17316	68108	Mercury	0.408	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17323	68108	Mercury	0.048	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17335	68108	Mercury	0.088	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17360	68108	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17414	68108	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
17416	68108	Mercury	0.38	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17417	68108	Mercury	0.244	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17418	68108	Mercury	0.242	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17461	68108	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
17498	68108	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17550	68108	Mercury	0.0641	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17671	68108	Mercury	0.436	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17699	68108	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
17700	68108	Mercury	0.481	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17701	68108	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
17703	68108	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
17732	68108	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
17778	68108	Mercury	0.251	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17840	68108	Mercury	0.1115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
17849	68108	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
17861	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17864	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
17865	68108	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
17908	68108	Mercury	0.29	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17945	68108	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17963	68108	Mercury	0.18	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17968	68108	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
17985	68108	Mercury	0.0467	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
18129	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18148	68108	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
18179	68108	Mercury	0.178	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
18198	68108	Mercury	0.261	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18218	68108	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18222	68108	Mercury	0.194	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18249	68108	Mercury	0.153	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18328	68108	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18330	68108	Mercury	0.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18339	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18385	68108	Mercury	0.349	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18422	68108	Mercury	0.189	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18435	68108	Mercury	0.19	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18461	68108	Mercury	0.0705	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18486	68108	Mercury	0.0505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
18532	68108	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
18547	68108	Mercury	0.0946	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
18597	68108	Mercury	0.434	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18634	68108	Mercury	0.081	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
18664	68108	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18687	68108	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
18691	68108	Mercury	0.294	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18697	68108	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
18712	68108	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
18718	68108	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18749	68108	Mercury	0.0616	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
18800	68108	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
18802	68108	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18833	68108	Mercury	0.363	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18890	68108	Mercury	1.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
18903	68108	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18943	68108	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18968	68108	Mercury	0.163	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18988	68108	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
19030	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19116	68108	Mercury	0.379	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19126	68108	Mercury	0.0896	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
19153	68108	Mercury	0.254	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19190	68108	Mercury	0.398	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19343	68108	Mercury	0.234	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19371	68108	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19373	68108	Mercury	0.21	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19417	68108	Mercury	0.186	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19440	68108	Mercury	0.0705	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19444	68108	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
19474	68108	Mercury	0.551	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
19640	68108	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
19660	68108	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19680	68108	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
19792	68108	Mercury	0.312	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19875	68108	Mercury	0.228	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19920	68108	Mercury	0.456	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19988	68108	Mercury	0.0733	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20044	68108	Mercury	0.274	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20137	68108	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
20149	68108	Mercury	0.318	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20168	68108	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20169	68108	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20244	68108	Mercury	0.159	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
20285	68108	Mercury	0.488	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20287	68108	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
20344	68108	Mercury	0.422	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20367	68108	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
20464	68108	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
20467	68108	Mercury	0.0896	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
20567	68108	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20588	68108	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20608	68108	Mercury	0.353	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20629	68108	Mercury	0.14	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20671	68108	Mercury	0.202	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
20746	68108	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
20752	68108	Mercury	0.0493	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
20831	68108	Mercury	0.218	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20881	68108	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
20922	68108	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21123	68108	Mercury	0.0387	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
21190	68108	Mercury	0.0484	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
21502	68108	Mercury	4.77	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
21582	68108	Mercury	0.219	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21729	68108	Mercury	0.0913	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21863	68108	Mercury	0.49	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22203	68108	Mercury	0.092	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
22282	68108	Mercury	0.682	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50453	68108	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50624	68108	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
74047	68108	Mercury	0.168	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
79306	68108	Mercury	0.566	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
87989	68108	Mercury	0.586	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
88004	68108	Mercury	0.225	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88031	68108	Mercury	2.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
89842	68108	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90601	68108	Mercury	0.0623	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
92372	68108	Mercury	0.187	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
93003	68108	Mercury	0.179	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
93522	68108	Mercury	0.319	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2355	68110	Mercury	0.338	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2539	68110	Mercury	0.156	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5650	68110	Mercury	0.187	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26122	68110	Mercury	0.196	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26133	68110	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26234	68110	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26341	68110	Mercury	0.449	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26410	68110	Mercury	0.0775	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
26447	68110	Mercury	0.085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
26465	68110	Mercury	0.292	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26527	68110	Mercury	0.3	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26550	68110	Mercury	0.648	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26762	68110	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27034	68110	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27069	68110	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27291	68110	Mercury	0.2425	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27435	68110	Mercury	0.186	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27589	68110	Mercury	0.243	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27592	68110	Mercury	0.164	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27683	68110	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
27704	68110	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27756	68110	Mercury	0.178	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27815	68110	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
27822	68110	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27826	68110	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27840	68110	Mercury	0.428	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27844	68110	Mercury	0.0875	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27884	68110	Mercury	0.176	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27907	68110	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
27927	68110	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27984	68110	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28074	68110	Mercury	0.397	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28075	68110	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28120	68110	Mercury	0.074	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28167	68110	Mercury	0.203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28226	68110	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28335	68110	Mercury	0.234	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28360	68110	Mercury	0.321	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28404	68110	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28421	68110	Mercury	0.651	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28455	68110	Mercury	0.237	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28501	68110	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28550	68110	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28591	68110	Mercury	0.312	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28647	68110	Mercury	0.205	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28670	68110	Mercury	0.252	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28711	68110	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28717	68110	Mercury	0.219	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28726	68110	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
28905	68110	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28977	68110	Mercury	0.246	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28999	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
29058	68110	Mercury	0.389	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29063	68110	Mercury	0.397	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29084	68110	Mercury	0.191	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29093	68110	Mercury	0.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29095	68110	Mercury	0.331	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29117	68110	Mercury	0.366	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29135	68110	Mercury	1.02	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
29207	68110	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29238	68110	Mercury	0.0915	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29257	68110	Mercury	0.267	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29271	68110	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29283	68110	Mercury	0.457	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29290	68110	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29332	68110	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29360	68110	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29361	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29393	68110	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29421	68110	Mercury	0.321	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29493	68110	Mercury	0.235	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29500	68110	Mercury	0.285	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29505	68110	Mercury	2.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
29550	68110	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29610	68110	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29634	68110	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29665	68110	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29753	68110	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29774	68110	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29786	68110	Mercury	0.227	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29795	68110	Mercury	0.474	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29844	68110	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29877	68110	Mercury	0.0779	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
29887	68110	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29911	68110	Mercury	0.0833	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29913	68110	Mercury	0.295	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29920	68110	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29921	68110	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29934	68110	Mercury	0.0301	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
29942	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29943	68110	Mercury	0.283	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30017	68110	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
30172	68110	Mercury	0.236	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30189	68110	Mercury	0.249	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30210	68110	Mercury	0.384	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30291	68110	Mercury	0.281	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30394	68110	Mercury	0.305	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30410	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30422	68110	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30443	68110	Mercury	2.23	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30469	68110	Mercury	0.1125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30470	68110	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
30500	68110	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
30551	68110	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30556	68110	Mercury	0.299	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30566	68110	Mercury	0.0981	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30575	68110	Mercury	0.167	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30633	68110	Mercury	0.235	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30651	68110	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30688	68110	Mercury	0.186	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30705	68110	Mercury	0.23	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30786	68110	Mercury	0.165	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30803	68110	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30870	68110	Mercury	0.179	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30954	68110	Mercury	0.195	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30980	68110	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31097	68110	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31153	68110	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31174	68110	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31223	68110	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31231	68110	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
31350	68110	Mercury	1.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
31401	68110	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31568	68110	Mercury	0.0845	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31645	68110	Mercury	0.161	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31757	68110	Mercury	7.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31760	68110	Mercury	2.84	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31814	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31832	68110	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31959	68110	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32019	68110	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32039	68110	Mercury	0.445	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32043	68110	Mercury	0.0684	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32063	68110	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32214	68110	Mercury	0.205	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32373	68110	Mercury	0.203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32484	68110	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
32508	68110	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32529	68110	Mercury	0.448	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32536	68110	Mercury	0.227	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32570	68110	Mercury	0.294	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32645	68110	Mercury	0.326	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32707	68110	Mercury	1.53	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
32727	68110	Mercury	1.33	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
32733	68110	Mercury	0.213	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32734	68110	Mercury	0.161	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32875	68110	Mercury	0.195	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32903	68110	Mercury	0.32	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32915	68110	Mercury	0.259	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32927	68110	Mercury	0.0594	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32996	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
33078	68110	Mercury	0.302	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33084	68110	Mercury	0.56	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33280	68110	Mercury	0.1185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33421	68110	Mercury	0.928	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33468	68110	Mercury	0.204	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33472	68110	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33477	68110	Mercury	0.0533	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33483	68110	Mercury	0.211	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33512	68110	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33519	68110	Mercury	0.322	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33543	68110	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33555	68110	Mercury	0.22	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33602	68110	Mercury	0.272	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33629	68110	Mercury	0.178	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33635	68110	Mercury	0.088	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
33714	68110	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33725	68110	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33840	68110	Mercury	0.283	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33927	68110	Mercury	0.0658	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34002	68110	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34047	68110	Mercury	0.458	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34116	68110	Mercury	0.202	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34237	68110	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34260	68110	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
34266	68110	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
34272	68110	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34276	68110	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34287	68110	Mercury	0.423	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34613	68110	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34625	68110	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34638	68110	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34674	68110	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34696	68110	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34710	68110	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34733	68110	Mercury	0.754	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34738	68110	Mercury	0.0384	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
34742	68110	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34821	68110	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
35022	68110	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35047	68110	Mercury	1.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
35180	68110	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35183	68110	Mercury	0.288	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35249	68110	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35384	68110	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
35438	68110	Mercury	0.45	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35501	68110	Mercury	0.588	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35558	68110	Mercury	0.3	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35589	68110	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35637	68110	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
35710	68110	Mercury	0.0667	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35754	68110	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35787	68110	Mercury	0.0765	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35792	68110	Mercury	0.0446	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35793	68110	Mercury	0.072	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
36189	68110	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
37075	68110	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37434	68110	Mercury	0.132	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
37456	68110	Mercury	0.155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37525	68110	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
37674	68110	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
37821	68110	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
38725	68110	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
38863	68110	Mercury	0.521	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39142	68110	Mercury	0.128	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
39271	68110	Mercury	0.1035	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
39434	68110	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
39572	68110	Mercury	0.595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
55636	68110	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
74149	68110	Mercury	0.213	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
79377	68110	Mercury	0.094	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
81398	68110	Mercury	0.068	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
81400	68110	Mercury	0.0583	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
87991	68110	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
90908	68110	Mercury	0.344	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
91449	68110	Mercury	0.167	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
92501	68110	Mercury	0.0919	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
92675	68110	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93337	68110	Mercury	0.0975	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
93338	68110	Mercury	0.0889	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
93342	68110	Mercury	0.019	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-04	9E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-04	9E-05
93344	68110	Mercury	0.0878	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
93345	68110	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
2118	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2425	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
2565	68111	Mercury	0.087	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
25647	68111	Mercury	0.0995	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
25663	68111	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25670	68111	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25708	68111	Mercury	0.557	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25709	68111	Mercury	0.0833	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
25750	68111	Mercury	0.079	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
25780	68111	Mercury	0.081	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
25786	68111	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25794	68111	Mercury	395	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+01	2E+00	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**2E+01**	**2E+00**
25804	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25805	68111	Mercury	0.569	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25834	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25849	68111	Mercury	0.14	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25869	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
25874	68111	Mercury	0.43	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25877	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25894	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
25903	68111	Mercury	0.0701	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
25918	68111	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25921	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
25977	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
25985	68111	Mercury	1.26	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
26005	68111	Mercury	0.314	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26009	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26011	68111	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26030	68111	Mercury	0.443	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26042	68111	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26043	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26045	68111	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26053	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26084	68111	Mercury	0.489	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26100	68111	Mercury	0.378	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26124	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26135	68111	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26142	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26149	68111	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
26160	68111	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26164	68111	Mercury	0.221	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26191	68111	Mercury	0.0705	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26199	68111	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
26202	68111	Mercury	0.627	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26204	68111	Mercury	0.042	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26211	68111	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26215	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
26228	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
26229	68111	Mercury	0.337	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26231	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26249	68111	Mercury	0.0815	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
26257	68111	Mercury	0.237	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26263	68111	Mercury	0.74	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26288	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26289	68111	Mercury	0.314	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26290	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26295	68111	Mercury	0.0766	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26303	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26327	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26372	68111	Mercury	0.326	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26428	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
26456	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26459	68111	Mercury	0.221	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26480	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26485	68111	Mercury	0.0326	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
26514	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26518	68111	Mercury	0.191	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26543	68111	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26570	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26604	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26653	68111	Mercury	0.809	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26663	68111	Mercury	0.191	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26665	68111	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26682	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26695	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26716	68111	Mercury	0.341	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26742	68111	Mercury	0.0665	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26757	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26759	68111	Mercury	0.0893	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
26772	68111	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
26779	68111	Mercury	0.242	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26783	68111	Mercury	0.277	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26834	68111	Mercury	0.385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26844	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
26858	68111	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26865	68111	Mercury	0.155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26868	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26869	68111	Mercury	0.576	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26877	68111	Mercury	0.146	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26891	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
26948	68111	Mercury	0.302	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26955	68111	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26967	68111	Mercury	0.0877	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
26996	68111	Mercury	0.252	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26997	68111	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26999	68111	Mercury	0.353	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27005	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27031	68111	Mercury	0.0645	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27038	68111	Mercury	1.3	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
27052	68111	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27074	68111	Mercury	0.049	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27096	68111	Mercury	1.77	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
27107	68111	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27117	68111	Mercury	0.0462	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27120	68111	Mercury	0.158	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27137	68111	Mercury	0.516	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27138	68111	Mercury	0.255	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27139	68111	Mercury	0.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27140	68111	Mercury	0.0289	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
27142	68111	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27144	68111	Mercury	0.155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27145	68111	Mercury	0.0531	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27148	68111	Mercury	0.0604	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27177	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27185	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27191	68111	Mercury	5.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
27193	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
27202	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
27264	68111	Mercury	0.203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27266	68111	Mercury	5.74	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
27269	68111	Mercury	0.4	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27278	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27308	68111	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27315	68111	Mercury	0.608	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27318	68111	Mercury	0.231	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27342	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
27347	68111	Mercury	1.7	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
27366	68111	Mercury	0.088	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27369	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27399	68111	Mercury	4.67	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

Omaha Lead Site

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27402	68111	Mercury	2.57	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
27446	68111	Mercury	0.197	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27461	68111	Mercury	0.0848	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27467	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27475	68111	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27481	68111	Mercury	0.067	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27488	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27524	68111	Mercury	0.0379	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27567	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27581	68111	Mercury	0.572	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27585	68111	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27604	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27608	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
27630	68111	Mercury	0.231	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27632	68111	Mercury	0.0602	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27658	68111	Mercury	0.0642	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27718	68111	Mercury	0.076	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27734	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27739	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27742	68111	Mercury	0.533	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27764	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27768	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27780	68111	Mercury	0.27	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27854	68111	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27859	68111	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27885	68111	Mercury	0.383	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27886	68111	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27913	68111	Mercury	0.464	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27920	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27924	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27939	68111	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27962	68111	Mercury	0.554	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28004	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28011	68111	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28019	68111	Mercury	0.943	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28020	68111	Mercury	0.0809	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
28022	68111	Mercury	0.04865	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28045	68111	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28065	68111	Mercury	0.255	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28072	68111	Mercury	0.164	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28105	68111	Mercury	0.514	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28108	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28144	68111	Mercury	1.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
28148	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28154	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28157	68111	Mercury	0.0478	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28185	68111	Mercury	0.0675	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28186	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28188	68111	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28218	68111	Mercury	0.231	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28222	68111	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28273	68111	Mercury	0.0752	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28284	68111	Mercury	0.0914	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28329	68111	Mercury	0.0775	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
28338	68111	Mercury	0.181	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28375	68111	Mercury	0.224	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28377	68111	Mercury	11.3	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
28417	68111	Mercury	0.117	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28423	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28434	68111	Mercury	0.206	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28518	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28544	68111	Mercury	0.0957	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28558	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28561	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
28573	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28611	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28612	68111	Mercury	0.196	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28618	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28623	68111	Mercury	0.0995	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
28625	68111	Mercury	0.318	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28648	68111	Mercury	6.33	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28661	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28688	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
28709	68111	Mercury	0.0917	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28713	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28725	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28730	68111	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28749	68111	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28763	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28764	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28766	68111	Mercury	0.0728	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28781	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
28785	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28798	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28799	68111	Mercury	0.348	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28809	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
28811	68111	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28819	68111	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28836	68111	Mercury	0.0876	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28837	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28841	68111	Mercury	0.404	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28846	68111	Mercury	0.09	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28893	68111	Mercury	226	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**1E+01**	1E+00
28909	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
28942	68111	Mercury	0.493	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28959	68111	Mercury	0.089	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28963	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28967	68111	Mercury	0.391	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28984	68111	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28991	68111	Mercury	0.316	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29002	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29023	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
29033	68111	Mercury	0.183	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29037	68111	Mercury	0.0452	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29071	68111	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29090	68111	Mercury	0.544	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29101	68111	Mercury	1.27	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
29102	68111	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29105	68111	Mercury	0.0621	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29155	68111	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
29165	68111	Mercury	0.219	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29175	68111	Mercury	0.0941	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29177	68111	Mercury	3.89	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
29181	68111	Mercury	0.261	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29204	68111	Mercury	0.0969	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29205	68111	Mercury	0.134	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29214	68111	Mercury	0.0821	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
29220	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29240	68111	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29248	68111	Mercury	0.249	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29274	68111	Mercury	0.0627	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29285	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29328	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29343	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29354	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29358	68111	Mercury	0.208	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29386	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29409	68111	Mercury	32.9	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	2E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	2E-01
29431	68111	Mercury	0.489	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29432	68111	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29445	68111	Mercury	27.9	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29469	68111	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29499	68111	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29552	68111	Mercury	0.1155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29558	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29578	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29608	68111	Mercury	0.262	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29625	68111	Mercury	0.093	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29633	68111	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
29671	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29678	68111	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29683	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
29684	68111	Mercury	0.04945	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29689	68111	Mercury	0.073	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29717	68111	Mercury	0.279	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29777	68111	Mercury	0.085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29792	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29806	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29818	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
29824	68111	Mercury	0.0683	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29826	68111	Mercury	0.168	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29881	68111	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29889	68111	Mercury	0.158	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29910	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29912	68111	Mercury	0.089	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29927	68111	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29953	68111	Mercury	0.0825	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29974	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29978	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
29991	68111	Mercury	0.149	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29993	68111	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30012	68111	Mercury	0.228	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30045	68111	Mercury	0.168	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30050	68111	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30068	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30078	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30081	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
30123	68111	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30130	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30133	68111	Mercury	0.0843	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30161	68111	Mercury	0.0853	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30169	68111	Mercury	0.0467	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30171	68111	Mercury	0.0671	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30177	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
30182	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30201	68111	Mercury	0.09	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30220	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30225	68111	Mercury	0.206	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30244	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30253	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30345	68111	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30347	68111	Mercury	0.0489	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30387	68111	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30417	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30420	68111	Mercury	0.714	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30434	68111	Mercury	0.0897	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30455	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
30462	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30494	68111	Mercury	0.0498	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30521	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30526	68111	Mercury	0.0603	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30536	68111	Mercury	0.677	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30563	68111	Mercury	0.0601	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30580	68111	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30625	68111	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30644	68111	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30645	68111	Mercury	0.1265	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30683	68111	Mercury	0.0849	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30699	68111	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30700	68111	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30714	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
30757	68111	Mercury	0.278	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30802	68111	Mercury	0.0724	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30813	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30817	68111	Mercury	0.0723	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30836	68111	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30841	68111	Mercury	0.24	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30844	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30881	68111	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30888	68111	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30918	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
30927	68111	Mercury	0.0897	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30932	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30933	68111	Mercury	0.09	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30939	68111	Mercury	0.036	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30978	68111	Mercury	0.0371	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30991	68111	Mercury	0.237	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30995	68111	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30997	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
31008	68111	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31042	68111	Mercury	0.0531	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31045	68111	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31046	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
31052	68111	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
31056	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31071	68111	Mercury	0.0819	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
31074	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31076	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
31081	68111	Mercury	0.203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31102	68111	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31104	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31120	68111	Mercury	0.268	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31129	68111	Mercury	0.0997	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31131	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31141	68111	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31145	68111	Mercury	0.081	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
31163	68111	Mercury	0.277	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31171	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31176	68111	Mercury	0.0794	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
31186	68111	Mercury	0.087	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31189	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31192	68111	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31206	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31229	68111	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31237	68111	Mercury	0.271	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31262	68111	Mercury	0.164	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31300	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31303	68111	Mercury	0.234	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31316	68111	Mercury	0.54	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31357	68111	Mercury	0.0868	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31360	68111	Mercury	0.0476	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31361	68111	Mercury	0.27	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31362	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31365	68111	Mercury	0.0895	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31366	68111	Mercury	0.379	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31377	68111	Mercury	0.0687	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31398	68111	Mercury	0.238	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31408	68111	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31433	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31442	68111	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31444	68111	Mercury	0.295	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31457	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31478	68111	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31517	68111	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31583	68111	Mercury	0.0448	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31603	68111	Mercury	0.221	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31607	68111	Mercury	0.258	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31615	68111	Mercury	0.378	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31695	68111	Mercury	0.0835	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31698	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
31733	68111	Mercury	0.0316	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
31740	68111	Mercury	0.297	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31799	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31803	68111	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31823	68111	Mercury	0.095	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31850	68111	Mercury	0.0888	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31853	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31854	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31858	68111	Mercury	0.0618	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31868	68111	Mercury	0.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31871	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31882	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31887	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
31896	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31899	68111	Mercury	0.0765	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31911	68111	Mercury	0.0638	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
31925	68111	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31936	68111	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31964	68111	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31965	68111	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31977	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31986	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32001	68111	Mercury	0.313	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32016	68111	Mercury	0.0563	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32021	68111	Mercury	0.1085	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32022	68111	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32040	68111	Mercury	0.381	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32046	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32049	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32070	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32081	68111	Mercury	0.0617	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32089	68111	Mercury	0.0861	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32092	68111	Mercury	0.101	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
32153	68111	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32162	68111	Mercury	0.0546	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32168	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32208	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32228	68111	Mercury	0.0432	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32252	68111	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32256	68111	Mercury	0.344	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32261	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32267	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32276	68111	Mercury	0.202	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32277	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32283	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32284	68111	Mercury	0.392	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32287	68111	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32293	68111	Mercury	0.083	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32311	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32316	68111	Mercury	0.171	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32325	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32339	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32346	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32414	68111	Mercury	0.107	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32418	68111	Mercury	0.189	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32428	68111	Mercury	0.0608	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32429	68111	Mercury	0.4	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32441	68111	Mercury	0.0776	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
32444	68111	Mercury	0.338	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32455	68111	Mercury	0.0577	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32456	68111	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32458	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32497	68111	Mercury	0.0485	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32502	68111	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32539	68111	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32547	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32562	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32581	68111	Mercury	0.112	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32596	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32633	68111	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32673	68111	Mercury	0.078	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
32678	68111	Mercury	0.0832	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32686	68111	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32696	68111	Mercury	0.0873	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32702	68111	Mercury	0.0969	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32708	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32736	68111	Mercury	0.192	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32775	68111	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32779	68111	Mercury	0.21	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32780	68111	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32783	68111	Mercury	0.0505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32818	68111	Mercury	0.497	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32847	68111	Mercury	0.0662	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32851	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32852	68111	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32874	68111	Mercury	0.0483	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32876	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
32891	68111	Mercury	0.0564	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
32896	68111	Mercury	0.155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32912	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32914	68111	Mercury	0.0633	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32931	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
32940	68111	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32949	68111	Mercury	0.327	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32968	68111	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32972	68111	Mercury	0.205	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32973	68111	Mercury	0.0912	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32974	68111	Mercury	0.0491	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32989	68111	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32992	68111	Mercury	0.163	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33009	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
33012	68111	Mercury	0.0813	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
33014	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
33036	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33037	68111	Mercury	0.0756	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33042	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33043	68111	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33060	68111	Mercury	0.567	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33062	68111	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33120	68111	Mercury	0.0559	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
33177	68111	Mercury	0.0483	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33207	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33296	68111	Mercury	0.648	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33314	68111	Mercury	0.179	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33317	68111	Mercury	0.984	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33350	68111	Mercury	0.071	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33372	68111	Mercury	0.146	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33392	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
33453	68111	Mercury	0.1045	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
33456	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33480	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
33492	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33600	68111	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33607	68111	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33630	68111	Mercury	0.795	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33631	68111	Mercury	0.063	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33647	68111	Mercury	0.345	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33696	68111	Mercury	0.159	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33711	68111	Mercury	0.074	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33741	68111	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33772	68111	Mercury	0.0805	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
33803	68111	Mercury	0.0865	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
33805	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33806	68111	Mercury	0.2	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33818	68111	Mercury	0.0695	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33831	68111	Mercury	0.429	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33833	68111	Mercury	0.0705	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33856	68111	Mercury	0.074	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33863	68111	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33875	68111	Mercury	0.0979	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
33903	68111	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33915	68111	Mercury	0.266	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33947	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
33997	68111	Mercury	0.086	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34037	68111	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
34040	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
34059	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34060	68111	Mercury	0.237	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34075	68111	Mercury	0.072	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34088	68111	Mercury	0.468	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34126	68111	Mercury	0.082	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
34128	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
34142	68111	Mercury	0.466	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34173	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
34179	68111	Mercury	1.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
34200	68111	Mercury	0.0683	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34219	68111	Mercury	0.083	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34222	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34224	68111	Mercury	0.307	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34225	68111	Mercury	0.176	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34247	68111	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34251	68111	Mercury	0.214	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34255	68111	Mercury	0.623	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34257	68111	Mercury	0.158	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34320	68111	Mercury	0.178	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34371	68111	Mercury	0.167	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34377	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34387	68111	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34396	68111	Mercury	0.0957	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34430	68111	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
34444	68111	Mercury	0.62	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34478	68111	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34503	68111	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34560	68111	Mercury	0.461	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34562	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34595	68111	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34621	68111	Mercury	0.416	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34626	68111	Mercury	0.733	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34639	68111	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34663	68111	Mercury	0.1035	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
34669	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
34691	68111	Mercury	0.0515	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
34703	68111	Mercury	30.5	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34766	68111	Mercury	0.0726	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
34778	68111	Mercury	0.103	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
34888	68111	Mercury	0.232	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34892	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
34904	68111	Mercury	0.458	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34917	68111	Mercury	0.0857	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34923	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34936	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
34948	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34953	68111	Mercury	0.1325	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34985	68111	Mercury	0.149	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34993	68111	Mercury	0.536	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34999	68111	Mercury	0.0665	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35003	68111	Mercury	0.308	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35014	68111	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
35042	68111	Mercury	0.046	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35043	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
35059	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35072	68111	Mercury	0.0845	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
35095	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35137	68111	Mercury	0.326	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35152	68111	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
35223	68111	Mercury	0.096	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
35233	68111	Mercury	0.0625	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35242	68111	Mercury	4.35	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
35252	68111	Mercury	0.229	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35273	68111	Mercury	0.292	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35285	68111	Mercury	0.118	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35287	68111	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35288	68111	Mercury	0.327	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35290	68111	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35350	68111	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
35404	68111	Mercury	0.362	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35417	68111	Mercury	0.0988	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
35458	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35495	68111	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35503	68111	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35513	68111	Mercury	0.161	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35517	68111	Mercury	0.328	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35536	68111	Mercury	0.273	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35575	68111	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35614	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35619	68111	Mercury	0.0765	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35786	68111	Mercury	0.0505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35821	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
35822	68111	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
35826	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
35830	68111	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35877	68111	Mercury	2.29	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35921	68111	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35935	68111	Mercury	0.215	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35943	68111	Mercury	0.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35947	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
35964	68111	Mercury	0.148	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35969	68111	Mercury	0.0988	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
36000	68111	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36007	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
36015	68111	Mercury	0.133	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
36024	68111	Mercury	0.122	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36040	68111	Mercury	0.554	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
36046	68111	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
36072	68111	Mercury	0.0937	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
36093	68111	Mercury	4.46	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
36116	68111	Mercury	0.372	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36138	68111	Mercury	0.0597	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
36167	68111	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
36194	68111	Mercury	1.19	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
36212	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
36238	68111	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
36246	68111	Mercury	0.1695	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36251	68111	Mercury	0.168	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36257	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36259	68111	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36269	68111	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36325	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
36356	68111	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36408	68111	Mercury	0.268	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36410	68111	Mercury	0.093	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
36427	68111	Mercury	0.084	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
36464	68111	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
36467	68111	Mercury	0.226	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36507	68111	Mercury	0.359	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36557	68111	Mercury	0.361	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36574	68111	Mercury	0.075	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
36656	68111	Mercury	1.71	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
36679	68111	Mercury	0.099	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
36701	68111	Mercury	0.305	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36706	68111	Mercury	0.536	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36936	68111	Mercury	0.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37023	68111	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
37025	68111	Mercury	0.0406	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
37031	68111	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37036	68111	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
37049	68111	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
37087	68111	Mercury	0.672	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37097	68111	Mercury	0.196	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37156	68111	Mercury	0.164	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37189	68111	Mercury	0.46	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37193	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
37210	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
37219	68111	Mercury	0.144	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
37223	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
37226	68111	Mercury	0.099	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
37276	68111	Mercury	0.211	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37361	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
37402	68111	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
37465	68111	Mercury	0.284	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37470	68111	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
37684	68111	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
37738	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
37756	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
37907	68111	Mercury	0.274	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37934	68111	Mercury	0.149	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38007	68111	Mercury	0.0855	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
38054	68111	Mercury	0.0185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-04	8E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-04	8E-05
38066	68111	Mercury	0.146	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38087	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
38202	68111	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
38210	68111	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
38253	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
38261	68111	Mercury	0.0616	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
38269	68111	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
38300	68111	Mercury	0.197	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38363	68111	Mercury	0.0775	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
38383	68111	Mercury	0.037	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
38407	68111	Mercury	0.238	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38439	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
38446	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
38449	68111	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
38527	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
38585	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
38587	68111	Mercury	0.83	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
38721	68111	Mercury	0.177	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38724	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
38759	68111	Mercury	0.0665	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
38780	68111	Mercury	0.437	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38864	68111	Mercury	0.099	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
49203	68111	Mercury	0.0769	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
49313	68111	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49314	68111	Mercury	0.257	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49319	68111	Mercury	0.455	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49341	68111	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49345	68111	Mercury	0.0544	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49354	68111	Mercury	0.0396	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50024	68111	Mercury	0.0785	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
50049	68111	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50080	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
50105	68111	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
50107	68111	Mercury	0.071	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50120	68111	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50146	68111	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
50356	68111	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50404	68111	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50410	68111	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
50417	68111	Mercury	0.093	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50424	68111	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50434	68111	Mercury	0.065	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
50447	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
63239	68111	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
63751	68111	Mercury	0.0514	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
68070	68111	Mercury	0.0965	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
68686	68111	Mercury	0.0682	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
73862	68111	Mercury	0.0454	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
74664	68111	Mercury	0.143	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
75011	68111	Mercury	0.22	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
77146	68111	Mercury	0.066	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
79703	68111	Mercury	0.157	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
79704	68111	Mercury	0.252	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
87761	68111	Mercury	0.1055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
89893	68111	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90107	68111	Mercury	0.0687	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
91234	68111	Mercury	0.254	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91335	68111	Mercury	0.0519	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
91926	68111	Mercury	0.0525	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
39755	68112	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
39951	68112	Mercury	0.0735	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
40194	68112	Mercury	0.153	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
40523	68112	Mercury	0.264	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40879	68112	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
2165	68131	Mercury	0.459	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22856	68131	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23003	68131	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23016	68131	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23028	68131	Mercury	0.045	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
23072	68131	Mercury	0.183	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23093	68131	Mercury	0.174	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23144	68131	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23145	68131	Mercury	0.244	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23150	68131	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23153	68131	Mercury	0.967	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23211	68131	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
23237	68131	Mercury	0.346	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23274	68131	Mercury	0.182	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23280	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23301	68131	Mercury	0.0614	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23338	68131	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23344	68131	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23379	68131	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
23399	68131	Mercury	0.342	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23425	68131	Mercury	0.083	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
23433	68131	Mercury	0.105	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
23442	68131	Mercury	0.271	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23460	68131	Mercury	0.0602	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23502	68131	Mercury	0.191	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23512	68131	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
23532	68131	Mercury	0.0632	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23537	68131	Mercury	3.89	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
23539	68131	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
23577	68131	Mercury	0.56	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23580	68131	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23584	68131	Mercury	0.472	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23586	68131	Mercury	0.0721	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23611	68131	Mercury	0.719	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23634	68131	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23673	68131	Mercury	0.0644	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23675	68131	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23700	68131	Mercury	0.203	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23742	68131	Mercury	0.193	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23786	68131	Mercury	0.297	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23788	68131	Mercury	0.102	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
23790	68131	Mercury	0.24	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23817	68131	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23822	68131	Mercury	6.47	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23824	68131	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23845	68131	Mercury	0.19	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23872	68131	Mercury	0.282	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23895	68131	Mercury	0.1205	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23899	68131	Mercury	0.0689	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
23922	68131	Mercury	0.04875	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
23930	68131	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23961	68131	Mercury	0.222	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23967	68131	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23968	68131	Mercury	0.191	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23985	68131	Mercury	0.077	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
23986	68131	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
24000	68131	Mercury	0.532	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24010	68131	Mercury	0.379	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24019	68131	Mercury	0.256	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24027	68131	Mercury	0.31	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24098	68131	Mercury	0.288	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24109	68131	Mercury	0.411	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24119	68131	Mercury	0.237	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24126	68131	Mercury	0.159	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24132	68131	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24141	68131	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
24156	68131	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
24162	68131	Mercury	0.0495	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
24182	68131	Mercury	0.192	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24190	68131	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
24214	68131	Mercury	0.232	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24240	68131	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24272	68131	Mercury	0.089	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24274	68131	Mercury	0.233	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24277	68131	Mercury	0.748	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24334	68131	Mercury	0.0537	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
24348	68131	Mercury	0.138	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
24357	68131	Mercury	0.09	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24358	68131	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24367	68131	Mercury	0.229	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24370	68131	Mercury	0.286	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24374	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
24376	68131	Mercury	0.192	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24390	68131	Mercury	0.07	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
24396	68131	Mercury	0.108	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
24411	68131	Mercury	0.132	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
24451	68131	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
24457	68131	Mercury	0.231	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24577	68131	Mercury	1.5	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
24601	68131	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24605	68131	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
24635	68131	Mercury	0.529	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24640	68131	Mercury	0.25	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24655	68131	Mercury	0.284	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24674	68131	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24692	68131	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
24693	68131	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24703	68131	Mercury	0.168	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24740	68131	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
24751	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
24757	68131	Mercury	0.162	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24768	68131	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24776	68131	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
24794	68131	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24800	68131	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
24808	68131	Mercury	0.389	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24776	68131	Mercury	0.0615	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
24794	68131	Mercury	0.175	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24800	68131	Mercury	0.02385	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
24808	68131	Mercury	0.389	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24887	68131	Mercury	0.494	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24896	68131	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
24931	68131	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
24958	68131	Mercury	0.267	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24962	68131	Mercury	0.0935	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24964	68131	Mercury	0.119	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25005	68131	Mercury	0.0673	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
25009	68131	Mercury	0.106	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25061	68131	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
25063	68131	Mercury	0.226	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25078	68131	Mercury	0.06	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
25096	68131	Mercury	0.137	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25130	68131	Mercury	0.38	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25133	68131	Mercury	0.15	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25137	68131	Mercury	0.135	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25167	68131	Mercury	0.0645	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
25185	68131	Mercury	0.16	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25189	68131	Mercury	0.259	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25193	68131	Mercury	0.267	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25202	68131	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
25204	68131	Mercury	0.475	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25231	68131	Mercury	0.952	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25242	68131	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25281	68131	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25285	68131	Mercury	4.44	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25296	68131	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25315	68131	Mercury	0.0585	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
25324	68131	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
25329	68131	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25331	68131	Mercury	0.216	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25335	68131	Mercury	0.223	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25337	68131	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25385	68131	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25391	68131	Mercury	0.516	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25410	68131	Mercury	0.424	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25425	68131	Mercury	0.209	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25456	68131	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25547	68131	Mercury	0.0845	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
25554	68131	Mercury	70.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**3E+00**	3E-01
25558	68131	Mercury	0.098	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
25579	68131	Mercury	0.0605	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
25604	68131	Mercury	0.058	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50446	68131	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
89514	68131	Mercury	0.174	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93114	68131	Mercury	0.658	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
93413	68131	Mercury	0.0838	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
93419	68131	Mercury	0.172	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49490	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49500	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49505	68132	Mercury	0.879	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49521	68132	Mercury	0.186	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49544	68132	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49558	68132	Mercury	0.0486	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49578	68132	Mercury	0.225	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49618	68132	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49625	68132	Mercury	0.0855	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49627	68132	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49628	68132	Mercury	0.198	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49642	68132	Mercury	1.85	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
49663	68132	Mercury	0.145	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49671	68132	Mercury	5.98	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49672	68132	Mercury	0.005	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-04	2E-05	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-04	2E-05
49676	68132	Mercury	0.115	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49678	68132	Mercury	0.056	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49682	68132	Mercury	0.0973	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49697	68132	Mercury	0.094	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49701	68132	Mercury	6.37	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49704	68132	Mercury	0.226	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49716	68132	Mercury	0.299	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49717	68132	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
49724	68132	Mercury	0.0755	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49725	68132	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49726	68132	Mercury	0.284	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49727	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49736	68132	Mercury	0.151	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49739	68132	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49759	68132	Mercury	0.638	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49760	68132	Mercury	0.473	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49774	68132	Mercury	0.092	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49781	68132	Mercury	0.116	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49783	68132	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49793	68132	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49800	68132	Mercury	0.051	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49806	68132	Mercury	0.224	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49812	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49819	68132	Mercury	0.0535	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49833	68132	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49846	68132	Mercury	0.0725	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49852	68132	Mercury	0.403	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49853	68132	Mercury	0.386	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49855	68132	Mercury	1.08	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
49863	68132	Mercury	0.091	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49884	68132	Mercury	0.169	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49892	68132	Mercury	0.061	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49902	68132	Mercury	0.062	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49907	68132	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49911	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49913	68132	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49918	68132	Mercury	0.0689	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49922	68132	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49929	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49931	68132	Mercury	0.24	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49936	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49941	68132	Mercury	0.0803	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
49943	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
49953	68132	Mercury	0.732	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49956	68132	Mercury	0.0775	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
49958	68132	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49961	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
49971	68132	Mercury	0.166	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49974	68132	Mercury	0.449	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49986	68132	Mercury	0.453	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49994	68132	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49995	68132	Mercury	0.317	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50479	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50484	68132	Mercury	0.0903	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50485	68132	Mercury	0.0467	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
50536	68132	Mercury	0.244	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51190	68132	Mercury	0.56	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51214	68132	Mercury	0.43	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51217	68132	Mercury	0.332	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51225	68132	Mercury	0.839	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51228	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51234	68132	Mercury	0.0638	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51256	68132	Mercury	0.159	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51263	68132	Mercury	0.239	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51270	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51278	68132	Mercury	0.072	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51280	68132	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51327	68132	Mercury	0.339	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51349	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51361	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51369	68132	Mercury	0.199	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51381	68132	Mercury	0.696	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51391	68132	Mercury	0.052	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51392	68132	Mercury	0.424	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51394	68132	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
51401	68132	Mercury	0.409	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51412	68132	Mercury	0.142	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51437	68132	Mercury	0.757	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51440	68132	Mercury	0.149	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51457	68132	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51483	68132	Mercury	0.185	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51492	68132	Mercury	0.157	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51504	68132	Mercury	0.12	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51512	68132	Mercury	1.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
51519	68132	Mercury	0.054	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51525	68132	Mercury	3.17	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51544	68132	Mercury	0.201	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51546	68132	Mercury	0.457	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51551	68132	Mercury	7.75	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
51569	68132	Mercury	0.427	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51587	68132	Mercury	0.0545	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51588	68132	Mercury	0.225	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51598	68132	Mercury	1.22	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
51600	68132	Mercury	0.979	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51607	68132	Mercury	1.88	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
51630	68132	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51640	68132	Mercury	0.0505	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51645	68132	Mercury	0.155	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51646	68132	Mercury	0.255	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51659	68132	Mercury	0.0715	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51667	68132	Mercury	0.069	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51671	68132	Mercury	0.0575	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
51676	68132	Mercury	0.228	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51705	68132	Mercury	0.339	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51706	68132	Mercury	0.199	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51708	68132	Mercury	0.0724	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51710	68132	Mercury	0.1	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
51712	68132	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
51735	68132	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51750	68132	Mercury	0.079	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
51752	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51767	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51769	68132	Mercury	0.057	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
51779	68132	Mercury	0.473	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51780	68132	Mercury	0.157	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51785	68132	Mercury	0.65	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51790	68132	Mercury	0.139	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51800	68132	Mercury	0.129	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51803	68132	Mercury	0.141	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51805	68132	Mercury	0.22	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51807	68132	Mercury	0.206	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51808	68132	Mercury	0.109	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51820	68132	Mercury	0.152	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51829	68132	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51840	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51844	68132	Mercury	0.128	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51846	68132	Mercury	0.914	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51847	68132	Mercury	0.434	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51854	68132	Mercury	0.114	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51855	68132	Mercury	0.123	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51857	68132	Mercury	0.147	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51861	68132	Mercury	0.11	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51863	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51866	68132	Mercury	0.154	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51872	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51897	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51918	68132	Mercury	0.13	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51921	68132	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51938	68132	Mercury	0.111	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51946	68132	Mercury	0.262	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51949	68132	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
51959	68132	Mercury	1.23	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
51960	68132	Mercury	0.097	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
51972	68132	Mercury	0.05	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
51990	68132	Mercury	0.124	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51997	68132	Mercury	0.508	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52023	68132	Mercury	0.127	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52035	68132	Mercury	0.173	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52046	68132	Mercury	0.0884	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
52054	68132	Mercury	0.0507	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
52059	68132	Mercury	0.076	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52075	68132	Mercury	0.064	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52078	68132	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
52080	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04

TABLE 7.1.RME
CALCULATION OF CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Mercury

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
52085	68132	Mercury	0.136	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52090	68132	Mercury	0.292	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52091	68132	Mercury	0.36	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52097	68132	Mercury	0.0555	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
52101	68132	Mercury	0.121	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52106	68132	Mercury	0.156	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52112	68132	Mercury	0.217	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52119	68132	Mercury	0.0737	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52122	68132	Mercury	0.0619	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52128	68132	Mercury	0.242	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52129	68132	Mercury	0.0859	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
52137	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52140	68132	Mercury	0.059	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52141	68132	Mercury	0.69	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52150	68132	Mercury	0.319	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52155	68132	Mercury	0.404	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52158	68132	Mercury	0.383	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52166	68132	Mercury	4.72	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
52167	68132	Mercury	0.053	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
52177	68132	Mercury	2.77	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
52178	68132	Mercury	0.597	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52181	68132	Mercury	3.52	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
52186	68132	Mercury	1.42	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
52187	68132	Mercury	1.59	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
52190	68132	Mercury	0.0565	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
52192	68132	Mercury	0.14	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52198	68132	Mercury	0.0563	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
52202	68132	Mercury	0.378	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52206	68132	Mercury	0.368	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52214	68132	Mercury	0.306	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52226	68132	Mercury	0.398	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52228	68132	Mercury	0.179	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52243	68132	Mercury	0.0586	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
52244	68132	Mercury	0.0848	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
52246	68132	Mercury	0.055	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
52327	68132	Mercury	0.0817	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
52336	68132	Mercury	0.657	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52356	68132	Mercury	0.0729	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52357	68132	Mercury	0.0938	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
52367	68132	Mercury	0.0595	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
52378	68132	Mercury	0.131	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52386	68132	Mercury	0.104	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
52387	68132	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52411	68132	Mercury	0.113	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
63007	68132	Mercury	0.126	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
66781	68132	Mercury	0.222	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
66791	68132	Mercury	0.125	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
92431	68132	Mercury	0.329	3.00E-04	--	2.10E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
22493	68102	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25567	68102	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25717	68102	Thallium	4.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	9E-02
25720	68102	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25914	68102	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
90101	68102	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2133	68104	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5026	68104	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5143	68104	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5144	68104	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5145	68104	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5147	68104	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50647	68104	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
1626	68105	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2229	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2299	68105	Thallium	0.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2300	68105	Thallium	0.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2308	68105	Thallium	0.56	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2441	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2448	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2465	68105	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3076	68105	Thallium	0.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3118	68105	Thallium	0.58	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5054	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5057	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5105	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5109	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5110	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5112	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5117	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5123	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5128	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5129	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5132	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5134	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5325	68105	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5338	68105	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5347	68105	Thallium	1.68	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5351	68105	Thallium	0.3845	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5352	68105	Thallium	0.735	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5355	68105	Thallium	0.795	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5356	68105	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5357	68105	Thallium	1.11	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5359	68105	Thallium	0.956	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5361	68105	Thallium	0.725	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5363	68105	Thallium	0.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5364	68105	Thallium	1.16	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5365	68105	Thallium	0.3525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5367	68105	Thallium	0.322	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5486	68105	Thallium	0.387	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5488	68105	Thallium	0.74	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5489	68105	Thallium	0.755	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5495	68105	Thallium	0.725	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5509	68105	Thallium	0.785	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5610	68105	Thallium	0.805	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
12784	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12864	68105	Thallium	1.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12875	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12886	68105	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12964	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12995	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13069	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13073	68105	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13092	68105	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13166	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13185	68105	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13187	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13191	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13204	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13209	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13237	68105	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13240	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13245	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13248	68105	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13273	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13283	68105	Thallium	1.26	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
13322	68105	Thallium	3.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	7E-02
13336	68105	Thallium	1.575	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13370	68105	Thallium	1.645	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13381	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13389	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13403	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13437	68105	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13438	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13460	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13476	68105	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13573	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13577	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13611

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13871	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13880	68105	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13918	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13919	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13935	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13984	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14003	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14024	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14050	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14063	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14080	68105	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14098	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14199	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14238	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14322	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14326	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14341	68105	Thallium	1.625	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14407	68105	Thallium	1.765	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
14410	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14460	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14492	68105	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14525	68105	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14528	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14536	68105	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14544	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14556	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14557	68105	Thallium	1.255	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
14577	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14602	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14647	68105	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14656	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14688	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14718	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14739	68105	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14752	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14780	68105	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14817	68105	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14823	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14860	68105	Thallium	22	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**4E+00**	5E-01
14885	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14913	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14959	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14964	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14976	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14992	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15003	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15044	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15045	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15058	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15060	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15091	68105	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15106	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15166	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15227	68105	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15231	68105	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15255	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15278	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15279	68105	Thallium	1.555	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15292	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15299	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15308	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15317	68105	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15329	68105	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15336	68105	Thallium	1.22	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
15348	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15363	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15372	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15416	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15496	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15519	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15526	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15577	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15587	68105	Thallium	6.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15611	68105	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15651	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15686	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15695	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15728	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15801	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15835	68105	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15842	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15871	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15891	68105	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15918	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15959	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15985	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15988	68105	Thallium	1.59	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16027	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16072	68105	Thallium	5.3	6.48E-05	--	6.48E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16321	68105	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16333	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16364	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16365	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16384	68105	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16395	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16420	68105	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16472	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16473	68105	Thallium	4.01	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	8E-02
16478	68105	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16486	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16499	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16545	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16572	68105	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16589	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16618	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16646	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16668	68105	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16749	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16772	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16777	68105	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16793	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16851	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16866	68105	Thallium	12	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**2E+00**	3E-01
16869	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16889	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16893	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16922	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16928	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16946	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16963	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16974	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17040	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17055	68105	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17065	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17076	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17097	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17108	68105	Thallium	4.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
17142	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17179	68105	Thallium	1.67	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
17198	68105	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17199	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17270	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17298	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17300	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17348	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17374	68105	Thallium	6.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17379	68105	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17542	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17557	68105	Thallium	1.54	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17719	68105	Thallium	1.695	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
17725	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17745	68105	Thallium	5.71	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17753	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17802	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17803	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17827	68105	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17876	68105	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17899	68105	Thallium	1.23	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
17918	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17934	68105	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17935	68105	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18036	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18133	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18147	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18177	68105	Thallium	1.22	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
18187	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18189	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18281	68105	Thallium	3.92	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	8E-02
18321	68105	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18349	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18452	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18453	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18469	68105	Thallium	4.07	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	9E-02
18499	68105	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18561	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18573	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18598	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18610	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18654	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18661	68105	Thallium	1.26	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
18673	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18676	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18693	68105	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18757	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18787	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18797	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18825	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18839	68105	Thallium	1.28	6.48E-05	--	6.48E-05	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER									
								RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			CSoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																				
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
19344	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19448	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19485	68105	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19489	68105	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19496	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19561	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19602	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19612	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19655	68105	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19671	68105	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19676	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19728	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19729	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19768	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19787	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19791	68105	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19812	68105	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19831	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19839	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19858	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19864	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19915	68105	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19923	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19932	68105	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19938	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19972	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19976	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19987	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20069	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20080	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20105	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20110	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20128	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20170	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20218	68105	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20236	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20313	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20315	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20342	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20420	68105	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20426	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20452	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20470	68105	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20471	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20477	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20506	68105	Thallium	16.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	4E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**3E+00**	4E-01
20510	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20535	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20545	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20557	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20584	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20590	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20603	68105	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20610	68105	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20612	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20656	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20674	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20685	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20702	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20759	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20777	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20823	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20845	68105	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20856	68105	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20883	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20908	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20925	68105	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20945	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20961	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20964	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21005	68105	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21012	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21019	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21053	68105	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21064	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21068	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21079	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21097	68105	Thallium	1.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21110	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21136	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21143	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21148	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21150	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21265	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21268	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21283	68105	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21309	68105	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21336	68105	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21355	68105

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
21614	68105	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21625	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21653	68105	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21677	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21689	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21705	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21714	68105	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21720	68105	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21724	68105	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21730	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21744	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21811	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21815	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21822	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21836	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21881	68105	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21884	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21901	68105	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21916	68105	Thallium	1.565	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21925	68105	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21941	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
21956	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21981	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21985	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21989	68105	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22006	68105	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22013	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22024	68105	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22025	68105	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22027	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22034	68105	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22036	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22039	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22044	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22046	68105	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22056	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22061	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22074	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22079	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22080	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22177	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22181	68105	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22183	68105	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22230	68105	Thallium	12.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**2E+00**	3E-01
22273	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22295	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22320	68105	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22344	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22358	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22386	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22399	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22405	68105	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22453	68105	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22563	68105	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22574	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22636	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22715	68105	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22716	68105	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22754	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
22772	68105	Thallium	1.64	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22832	68105	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49272	68105	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49289	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50528	68105	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50574	68105	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
90427	68105	Thallium	6.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93120	68105	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93354	68105	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93358	68105	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93364	68105	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93381	68105	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51011	68106	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51029	68106	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51034	68106	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51037	68106	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51041	68106	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51046	68106	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51047	68106	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51052	68106	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51058	68106	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51064	68106	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51065	68106	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51079	68106	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51080	68106	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51082	68106	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51089	68106	Thallium	5.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51093	68106	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51101	68106	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51102	68106	Thallium

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)								TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL								RISK FROM CONTACT WITH SOIL							
								RME		RME		NONCANCER HQ RME		CANCER RISK RME			RME		RME		NONCANCER HQ RME		CANCER RISK RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51162	68106	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51184	68106	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2030	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2038	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2056	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2104	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2124	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2167	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2206	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2220	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2252	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2273	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2292	68107	Thallium	0.565	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2496	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2499	68107	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3003	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
3021	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
3074	68107	Thallium	0.595	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3121	68107	Thallium	0.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5066	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5076	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5130	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5157	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5159	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5161	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5163	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5165	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5166	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5172	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5176	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5178	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5180	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5182	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5183	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5185	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5211	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5212	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10008	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10018	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10044	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10046	68107	Thallium	6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10072	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10073	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10088	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10095	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10111	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10130	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10134	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10214	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10241	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10290	68107	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10295	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10299	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10310	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10328	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10329	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10387	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10401	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10403	68107	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10425	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10432	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10455	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10458	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10468	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10471	68107	Thallium	3.21	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	7E-02
10484	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10492	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10500	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10508	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10513	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10538	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10543	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10548	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10578	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10582	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10622	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10633	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10650	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10654	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10662	68107	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10670	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10687	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10707	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10720	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10735	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10738	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10794	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10814	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10822	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
10920	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10925	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10931	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10938	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10944	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
10947	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10950	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10965	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10970	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10990	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
10991	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11036	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11069	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11070	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11082	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11094	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11107	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11118	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11142	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11155	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11172	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11179	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11191	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11194	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11203	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11208	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11222	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11230	68107	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11232	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11233	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11246	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11258	68107	Thallium	1.565	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11268	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11272	68107	Thallium	1.255	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
11283	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11303	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11309	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11312	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11321	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11343	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11349	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11367	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11372	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11385	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11387	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11400	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11403	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11408	68107	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11410	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11416	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11423	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11439	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11444	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11449	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11465	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11469	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11491	68107	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11494	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11523	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11552	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11558	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11568	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
11599	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11601	68107	Thallium	5.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11603	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11604	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11609	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11614	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11661	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11686	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11711	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11741	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11754	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11765	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11777	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11807	68107	Thallium	1.17	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
11829	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11842	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11865	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11894	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11902	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11910	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11941	68107	Thallium	1.61	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
11960	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
11982	68107	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12002	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12009	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12012	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12037

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)							TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					
								RME		RME		NONCANCER HQ RME		CANCER RISK RME			RME		RME		NONCANCER HQ RME		CANCER RISK RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																			
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12239	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12290	68107	Thallium	1.255	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
12296	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12338	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12344	68107	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12351	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12372	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12388	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12407	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12410	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12414	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12424	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12439	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12449	68107	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12457	68107	Thallium	6.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12506	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12514	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12529	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12530	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12547	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12551	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12567	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12572	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12588	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12590	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12605	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12644	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12667	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12714	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12729	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12741	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12755	68107	Thallium	1.24	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
12761	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12794	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12830	68107	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12848	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12858	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
12871	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13038	68107	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13045	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43676	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43691	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43698	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43703	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43711	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43729	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43736	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43744	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43746	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43771	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43790	68107	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43793	68107	Thallium	6.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43800	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43813	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43843	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43853	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43869	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43874	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43892	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43912	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43933	68107	Thallium	1.605	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43942	68107	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43945	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43949	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
43962	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
43978	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44002	68107	Thallium	1.23	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
44025	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44037	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44047	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44063	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44066	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44076	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44104	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44107	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44112	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44127	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44130	68107	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44133	68107	Thallium	6.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44137	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44145	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44153	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44157	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44177	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44184	68107	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44185	68107	Thallium	1.205	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
44198	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44202	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44220

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME		RME							RME		RME										
								Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44465	68107	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44475	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44482	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44483	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44490	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44503	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44507	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44508	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44519	68107	Thallium	4.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	9E-02
44526	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44528	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44529	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44531	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44536	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44539	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44546	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44549	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44556	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44567	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44578	68107	Thallium	3.81	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	8E-02
44581	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44589	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44590	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44592	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44597	68107	Thallium	5.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44617	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44619	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44623	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44626	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44636	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44640	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44644	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44668	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44700	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44711	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44725	68107	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44727	68107	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44738	68107	Thallium	1.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44740	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44741	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44747	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44753	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44755	68107	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44756	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44768	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44790	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44798	68107	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44810	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44814	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44822	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44854	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44857	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44869	68107	Thallium	3.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-01	7E-02
44877	68107	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44902	68107	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44923	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44927	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44935	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44939	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44943	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44955	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44959	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44969	68107	Thallium	1.66	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
44979	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44980	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44984	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
44987	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44996	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45004	68107	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45005	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45018	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45020	68107	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45023	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45034	68107	Thallium	4.89	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45044	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45056	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45072	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45073	68107	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45077	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45078	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45084	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45118	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45147	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45150	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45156	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45166	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45167	68107	Thallium	1.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45183	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45303	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45304	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45305	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45321	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45343	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45350	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45356	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45364	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45370	68107	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45390	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45393	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45404	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45411	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45423	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45424	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45447	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45458	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45460	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45475	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45484	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45487	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45494	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45495	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45503	68107	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45530	68107	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45533	68107	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45564	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45566	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45574	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45584	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45608	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45609	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45624	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45626	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45645	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45646	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45648	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45662	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45663	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45678	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45698	68107	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45724	68107	Thallium	1.58	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45725	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45728	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45739	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45741	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45747	68107	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45764	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45767	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45770	68107	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45786	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45787	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45789	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45811	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45822	68107	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45837	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45840	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45849	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45854	68107	Thallium	1.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45883	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45906	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45921	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45923	68107	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45927	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45955	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45970	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45984	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
45988	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
45999	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46035	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46049	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46050	68107	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46052	68107	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46071	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46073	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46091	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46103	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46107	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46118	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46122	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
46127	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46133	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46145	68107	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46150	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46164	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46168	68107	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46180	68107	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46187	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46210	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME		RME							RME		RME										
								Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46432	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46448	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46461	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46469	68107	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46472	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46473	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46474	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46478	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46490	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46493	68107	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46494	68107	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46498	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46505	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46509	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46527	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46566	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46579	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46583	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46610	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46626	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46628	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46637	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46655	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46662	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46664	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46672	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46673	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46683	68107	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46698	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46699	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46708	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46712	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46725	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46727	68107	Thallium	4.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
46731	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46743	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46763	68107	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46764	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46772	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46776	68107	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46792	68107	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46794	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46805	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46808	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46815	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46835	68107	Thallium	1.195	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
46852	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46857	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46864	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46867	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46893	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46916	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46919	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46934	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46954	68107	Thallium	1.235	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
46964	68107	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46976	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
46994	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
46998	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47021	68107	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47030	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47038	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47046	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47047	68107	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47052	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47058	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47088	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47090	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47106	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47139	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47140	68107	Thallium	21.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	5E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**4E+00**	5E-01
47147	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47148	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47149	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47163	68107	Thallium	4.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
47172	68107	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47179	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47181	68107	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47196	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47203	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47206	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47215	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47216	68107	Thallium	5.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47217	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47218	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47223	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47249	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47250	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47259	68107	Thallium	5

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47356	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47368	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47380	68107	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47382	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47385	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47390	68107	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47417	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47421	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47424	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47425	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47440	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47452	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47475	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47485	68107	Thallium	21.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**4E+00**	4E-01
47511	68107	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47514	68107	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47518	68107	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47526	68107	Thallium	1.19	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
47544	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47553	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47565	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47566	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47604	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47610	68107	Thallium	1.645	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47617	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47621	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47627	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47649	68107	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47656	68107	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47670	68107	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47681	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47706	68107	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47708	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47761	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47768	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47783	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47795	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47797	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47811	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47813	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47816	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47820	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47838	68107	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47841	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47860	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47867	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47886	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47895	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47924	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47930	68107	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47934	68107	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
47939	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47952	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47966	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
47969	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48003	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48006	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48014	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48016	68107	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48018	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48036	68107	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48043	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48048	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48056	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48092	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48116	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48118	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48120	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48135	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48141	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48150	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48167	68107	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48232	68107	Thallium	1.565	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48245	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48261	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48271	68107	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48292	68107	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48308	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48327	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48334	68107	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48341	68107	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48359	68107	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48367	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48368	68107	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48380	68107	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48416	68107	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48418	68107	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48434	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48494

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL							NONCANCER RME		CANCER RME						
												NONCANCER HQ_RME		CANCER RISK_RME											(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																			
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48639	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48641	68107	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48654	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48661	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48668	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48674	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48685	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48694	68107	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48708	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48715	68107	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48721	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48733	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48736	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48747	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48768	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48798	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48815	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48821	68107	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48836	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48846	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48855	68107	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48871	68107	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48886	68107	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48900	68107	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48904	68107	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48944	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48952	68107	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48963	68107	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48973	68107	Thallium	1.54	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
48975	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48977	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
48999	68107	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49012	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49036	68107	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49070	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49081	68107	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49082	68107	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49085	68107	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49098	68107	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49117	68107	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49126	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49167	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49208	68107	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49239	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49249	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49371	68107	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49383	68107	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49395	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49404	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49435	68107	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49439	68107	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49441	68107	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49444	68107	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50137	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50139	68107	Thallium	10	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	2E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E+00	2E-01
50140	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50141	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50144	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50158	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50185	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50191	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50192	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50193	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50214	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50243	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50244	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50246	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50249	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50276	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50284	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50286	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50292	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50293	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50294	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50299	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50300	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50313	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50325	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50326	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50335	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50359	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50360	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50361	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50362	68107	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50537	68107	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
76891	68107	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
89377	68107	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
89408	68107	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
2170	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5387	68108	Thallium	0.615	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5390	68108	Thallium	1.21	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
5394	68108	Thallium	1.74	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5395	68108	Thallium	0.69	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5398	68108	Thallium	1.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5403	68108	Thallium	1.66	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5407	68108	Thallium	0.755	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5408	68108	Thallium	1.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5409	68108	Thallium	0.331	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5416	68108	Thallium	0.4865	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5418	68108	Thallium	0.715	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5422	68108	Thallium	0.635	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5425	68108	Thallium	0.725	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5426	68108	Thallium	0.69	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5427	68108	Thallium	0.68	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5429	68108	Thallium	2.02	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5431	68108	Thallium	0.69	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5432	68108	Thallium	0.82	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5449	68108	Thallium	0.785	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5450	68108	Thallium	2.24	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5454	68108	Thallium	0.705	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5460	68108	Thallium	0.82	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5463	68108	Thallium	0.916	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5467	68108	Thallium	0.755	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5472	68108	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5473	68108	Thallium	1.89	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5474	68108	Thallium	1.92	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5480	68108	Thallium	0.67	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5483	68108	Thallium	0.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5485	68108	Thallium	0.384	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5492	68108	Thallium	0.77	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5505	68108	Thallium	0.71	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5572	68108	Thallium	0.447	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5607	68108	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5608	68108	Thallium	2.77	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	6E-02
5623	68108	Thallium	1.54	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5628	68108	Thallium	0.319	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5630	68108	Thallium	0.3535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5636	68108	Thallium	1.56	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5637	68108	Thallium	0.368	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5652	68108	Thallium	0.904	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
12816	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12859	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12926	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
12947	68108	Thallium	3.18	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	7E-02
13102	68108	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13164	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13184	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13189	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13239	68108	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13267	68108	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13436	68108	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13485	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13529	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13530	68108	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13536	68108	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13575	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13645	68108	Thallium	5.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13661	68108	Thallium	1.625	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13674	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13675	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13760	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13773	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
13795	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
13941	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14043	68108	Thallium	1.245	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
14076	68108	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14079	68108	Thallium	1.265	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
14130	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14140	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14203	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14270	68108	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14279	68108	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14290	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14438	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14449	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14481	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14486	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14497	68108	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14537	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14545	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14576	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14578	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14617	68108	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14660	68108	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14692	68108	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
14720	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
14818	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
15337	68108	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15443	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15468	68108	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15601	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15603	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15687	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15748	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15768	68108	Thallium	1.565	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15915	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15939	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
15955	68108	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15966	68108	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
15980	68108	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16006	68108	Thallium	6.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16126	68108	Thallium	1.245	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
16135	68108	Thallium	1.145	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
16137	68108	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16145	68108	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16261	68108	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16267	68108	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16319	68108	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16349	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16446	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16530	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16556	68108	Thallium	4.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
16581	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16595	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16599	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16711	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
16813	68108	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
16973	68108	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17004	68108	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17005	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17022	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17242	68108	Thallium	4.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
17247	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17282	68108	Thallium	6.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17316	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17323	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17335	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17360	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17414	68108	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17416	68108	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17417	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17418	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17461	68108	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17498	68108	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17550	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17671	68108	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17699	68108	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17700	68108	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17701	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17703	68108	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17732	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17778	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17840	68108	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17849	68108	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17861	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17864	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17865	68108	Thallium	1.265	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
17908	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17945	68108	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
17963	68108	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17968	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
17985	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18129	68108	Thallium	1.145	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
18148	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18179	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18198	68108	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18218	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18222	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18249	68108	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18328	68108	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18330	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18339	68108	Thallium	1.265	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
18385	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18422	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18435	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18461	68108	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18486	68108	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18532	68108	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
18547	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18597	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18634	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18664	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18687	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18691	68108	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
18697	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)							TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL						NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL				(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}					NONCANCER HQ_RME		CANCER RISK_RME								NONCANCER HQ_RME		CANCER RISK_RME					
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
19153	68108	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19190	68108	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19343	68108	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19371	68108	Thallium	1.56	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19373	68108	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19417	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19440	68108	Thallium	1.17	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
19444	68108	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19474	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19640	68108	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19660	68108	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19680	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19792	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19875	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
19920	68108	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
19988	68108	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20044	68108	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20137	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20149	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20168	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20169	68108	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20244	68108	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20285	68108	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20287	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20344	68108	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20367	68108	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20464	68108	Thallium	3.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-01	7E-02
20467	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20567	68108	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20588	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20608	68108	Thallium	1.245	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
20629	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
20671	68108	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20746	68108	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20752	68108	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
20831	68108	Thallium	4.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
20881	68108	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
20922	68108	Thallium	4.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	9E-02
21123	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21190	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21502	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21582	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21729	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
21863	68108	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22203	68108	Thallium	1.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
22282	68108	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50453	68108	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50624	68108	Thallium	3.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	7E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	7E-02
74047	68108	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
79306	68108	Thallium	5.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
87989	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
88004	68108	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
88031	68108	Thallium	6.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
89842	68108	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
90601	68108	Thallium	4.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
92372	68108	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93003	68108	Thallium	6.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93522	68108	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2069	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2280	68110	Thallium	0.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2354	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2355	68110	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2539	68110	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3136	68110	Thallium	0.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5258	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5388	68110	Thallium	1.11	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5520	68110	Thallium	2.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
5525	68110	Thallium	2.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	6E-02
5527	68110	Thallium	2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5530	68110	Thallium	1.12	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5532	68110	Thallium	0.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5536	68110	Thallium	1.69	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5541	68110	Thallium	1.68	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
5544	68110	Thallium	1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5546	68110	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5551	68110	Thallium	2.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-01	5E-02
5559	68110	Thallium	2.84	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	6E-02
5560	68110	Thallium	1.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
5561	68110	Thallium	2.16	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5563	68110	Thallium	2.26	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5565	68110	Thallium	0.78	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5566	68110	Thallium	1.54	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5612	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5614	68110	Thallium	0.77	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5641	68110	Thallium	1.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5650	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5651	68110	Thallium	0.974	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
26122	68110	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27592	68110	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27683	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27704	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27756	68110	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27815	68110	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27822	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27826	68110	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27840	68110	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27844	68110	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27884	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27907	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27927	68110	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27984	68110	Thallium	1.145	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
28074	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28075	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28120	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28167	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28226	68110	Thallium	5.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28335	68110	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28360	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28404	68110	Thallium	1.215	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
28421	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28455	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28501	68110	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28550	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28591	68110	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28647	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28670	68110	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28711	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28717	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28726	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28905	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28977	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28999	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29058	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29063	68110	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29084	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29093	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29095	68110	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29117	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29135	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29207	68110	Thallium	1.605	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29238	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29257	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29271	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29283	68110	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29290	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29332	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29360	68110	Thallium	20.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**4E+00**	4E-01
29361	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29393	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29421	68110	Thallium	1.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29493	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29500	68110	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29505	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29550	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29610	68110	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29634	68110	Thallium	20.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**4E+00**	4E-01
29665	68110	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29753	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29774	68110	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29786	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29795	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29844	68110	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29877	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29887	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29911	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29913	68110	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29920	68110	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29921	68110	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29934	68110	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29942	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29943	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30017	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30172	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30189	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30210	68110	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30291	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30394	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30410	68110	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30422	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30443	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30469	68110	Thallium	3.86	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	8E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	8E-02
30470	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30500	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30551	68110	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30556	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30566	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31231	68110	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31350	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31401	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31568	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31645	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31757	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31760	68110	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31814	68110	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31832	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31959	68110	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32019	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32039	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32043	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32063	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32214	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32373	68110	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32484	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32508	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32529	68110	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32536	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32570	68110	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32645	68110	Thallium	1.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32707	68110	Thallium	1.645	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32727	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32733	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32734	68110	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32875	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32903	68110	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32915	68110	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32927	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32996	68110	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33078	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33084	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33280	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33421	68110	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33468	68110	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33472	68110	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33477	68110	Thallium	4.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
33483	68110	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33512	68110	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33519	68110	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33543	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33555	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33602	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33629	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33635	68110	Thallium	1.54	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33714	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33725	68110	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33840	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33927	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34002	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34047	68110	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34116	68110	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34237	68110	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34260	68110	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34266	68110	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34272	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34276	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34287	68110	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34613	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34625	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34638	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34674	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34696	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34710	68110	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34733	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34738	68110	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34742	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34821	68110	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35022	68110	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35047	68110	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35180	68110	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35183	68110	Thallium	1.255	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
35249	68110	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35384	68110	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35438	68110	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35501	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35558	68110	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35589	68110	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35637	68110	Thallium	6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35710	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35754	68110	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35787	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35792	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35793	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36189	68110	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37075	68110	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37434	68110	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37456	68110

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)								TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL				NONCANCER RME		CANCER RME		RISK FROM CONTACT WITH SOIL						
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}					NONCANCER HQ_RME		CANCER RISK_RME						NONCANCER HQ_RME		CANCER RISK_RME		(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
81400	68110	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
87991	68110	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
90908	68110	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
91449	68110	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
92501	68110	Thallium	4.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
92675	68110	Thallium	4.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
93337	68110	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93338	68110	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93342	68110	Thallium	4.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
93344	68110	Thallium	5.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93345	68110	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2035	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2075	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2103	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2109	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2118	68111	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2121	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2126	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2154	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2179	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2216	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2225	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2231	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2262	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2365	68111	Thallium	0.565	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2425	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2565	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3046	68111	Thallium	0.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3051	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
3058	68111	Thallium	0.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3091	68111	Thallium	0.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3133	68111	Thallium	0.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3151	68111	Thallium	0.595	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5013	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5085	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5170	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5171	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5204	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5206	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5208	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5215	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5221	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5230	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5232	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5234	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5236	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5238	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5240	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5242	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5246	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5288	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5296	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5330	68111	Thallium	0.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5333	68111	Thallium	0.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5513	68111	Thallium	2.23	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	5E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	5E-02
5514	68111	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
5618	68111	Thallium	1.56	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25647	68111	Thallium	1.175	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25663	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25670	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25708	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25709	68111	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25750	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25780	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25786	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25794	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25804	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25805	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25834	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25849	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25869	68111	Thallium	4.84	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25874	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25877	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25894	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25903	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25918	68111	Thallium	5.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25921	68111	Thallium	1.26	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
25977	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25985	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26005	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26009	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26011	68111	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26030	68111	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26042	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26043	68111	Thallium	53.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+01	1E+00	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**1E+01**	1E+00
26045	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26053	68111	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26084	68111	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26100	68111	Thallium	1.445	6.48E-05	--	6.48E

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	RME		RME							RME		RME									
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
26229	68111	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26231	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26249	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26257	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26263	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26288	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26289	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26290	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26295	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26303	68111	Thallium	4.71	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
26327	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26372	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26428	68111	Thallium	12.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E+00	3E-01
26456	68111	Thallium	23.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	5E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E+00	5E-01
26459	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26480	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26485	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26514	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26518	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26543	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26570	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26604	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26653	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26663	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26665	68111	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26682	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26695	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26716	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26742	68111	Thallium	1.66	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
26757	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26759	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26772	68111	Thallium	1.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
26779	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26783	68111	Thallium	1.585	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26834	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26844	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26858	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26865	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26868	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26869	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26877	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26891	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26948	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26955	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26967	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26996	68111	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
26997	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
26999	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27005	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27031	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27038	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27052	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27074	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27096	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27107	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27117	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27120	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27137	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27138	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27139	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27140	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27142	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27144	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27145	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27148	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27177	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27185	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27191	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27193	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27202	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27264	68111	Thallium	6.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27266	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27269	68111	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27278	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27308	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27315	68111	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27318	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27342	68111	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27347	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27366	68111	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27369	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27399	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27402	68111	Thallium	6.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27446	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27461	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27467	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27475	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27481	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27488	68111	Thallium	1.315	6.48E-05	--	6.48E

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)									TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME		NONCANCER HQ RME		CANCER RISK RME			RME		RME		NONCANCER HQ RME		CANCER RISK RME					
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27764	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27768	68111	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27780	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27854	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27859	68111	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27885	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27886	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27913	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27920	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
27924	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27939	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
27962	68111	Thallium	3.73	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-01	8E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-01	8E-02
28004	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28011	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28019	68111	Thallium	1.555	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28020	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28022	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28045	68111	Thallium	1.595	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28065	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28072	68111	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28105	68111	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28108	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28144	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28148	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28154	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28157	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28185	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28186	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28188	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28218	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28222	68111	Thallium	1.685	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
28273	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28284	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28329	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28338	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28375	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28377	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28417	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28423	68111	Thallium	6.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28434	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28518	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28544	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28558	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28561	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28573	68111	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28611	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28612	68111	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28618	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28623	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28625	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28648	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28661	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28688	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28709	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28713	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28725	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28730	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28749	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28763	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28764	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28766	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28781	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28785	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28798	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28799	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28809	68111	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28811	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28819	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28836	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28837	68111	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28841	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28846	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28893	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28909	68111	Thallium	1.605	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28942	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28959	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
28963	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28967	68111	Thallium	15.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**3E+00**	3E-01
28984	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
28991	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29002	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29023	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29033	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29037	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29071	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29090	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29101	68111	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29102	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29105	68111	Thallium	5	6.48E-05	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)								TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL								RISK FROM CONTACT WITH SOIL							
								RME		RME		NONCANCER HQ RME		CANCER RISK RME			NONCANCER		CANCER		NONCANCER HQ RME		CANCER RISK RME			(child and adult)		
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME		RME		Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
29328	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29343	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29354	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29358	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29386	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29409	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29431	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29432	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29445	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29469	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29499	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29552	68111	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29558	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29578	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29608	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29625	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29633	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29671	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29678	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29683	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29684	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29689	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29717	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29777	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29792	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29806	68111	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29818	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29824	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29826	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29881	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29889	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29910	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29912	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29927	68111	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29963	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29974	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29978	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
29991	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
29993	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30012	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30045	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30050	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30068	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30078	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30081	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30123	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30130	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30133	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30161	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30169	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30171	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30177	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30182	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30201	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30220	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30225	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30244	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30253	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30345	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30347	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30387	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30417	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30420	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30434	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30455	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30462	68111	Thallium	1.61	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30494	68111	Thallium	1.255	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
30521	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30526	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30536	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30563	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30580	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30625	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30644	68111	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30645	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30683	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30699	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30700	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30714	68111	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30757	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30802	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30813	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30817	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30836	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30841	68111	Thallium	2.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-01	6E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-01	6E-02
30844	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
30881	68111	Thallium	1.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30888	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
30918	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	1

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)								TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		RISK FROM INGESTION OF SOIL								RISK FROM CONTACT WITH SOIL							
								RME		RME		NONCANCER HQ RME		CANCER RISK RME			RME		RME		NONCANCER HQ RME		CANCER RISK RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31056	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31071	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31074	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31076	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31081	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31102	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31104	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31120	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31129	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31131	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31141	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31145	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31163	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31171	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31176	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31186	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31189	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31192	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31206	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31229	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31237	68111	Thallium	1.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
31262	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31300	68111	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31303	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31316	68111	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31357	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31360	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31361	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31362	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31365	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31366	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31377	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31398	68111	Thallium	1.53	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31408	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31433	68111	Thallium	1.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31442	68111	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31444	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31457	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31478	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31517	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31583	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31603	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31607	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31615	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31695	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31698	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31733	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31740	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31799	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31803	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31823	68111	Thallium	6.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31850	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31853	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31854	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31858	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31868	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31871	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31882	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31887	68111	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31896	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31899	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31911	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31925	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31936	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31964	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31965	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
31977	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
31986	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32001	68111	Thallium	6.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32016	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32021	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32022	68111	Thallium	6.12	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32040	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32046	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32049	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32070	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32081	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32089	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32092	68111	Thallium	5.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32153	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32162	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32168	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32208	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32228	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32252	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32256	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32261	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32267	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32276	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ RME		CANCER RISK RME			NONCANCER RME		CANCER RME		NONCANCER HQ RME		CANCER RISK RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32429	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32441	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32444	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32455	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32456	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32458	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32497	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32502	68111	Thallium	1.475	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32539	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32547	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32562	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32581	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32596	68111	Thallium	1.595	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32633	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32673	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32678	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32686	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32696	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32702	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32708	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32736	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32775	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32779	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32780	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32783	68111	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32818	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32847	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32851	68111	Thallium	1.495	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32852	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32874	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32876	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32891	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32896	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32912	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32914	68111	Thallium	5.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32931	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32940	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
32949	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32968	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32972	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32973	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32974	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32989	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
32992	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33009	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33012	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33014	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33036	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33037	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33042	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33043	68111	Thallium	6.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33060	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33062	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33120	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33177	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33207	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33296	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33314	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33317	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33350	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33372	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33392	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33453	68111	Thallium	1.625	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33456	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33480	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33492	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33600	68111	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33607	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33630	68111	Thallium	4.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	9E-02
33631	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33647	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33696	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33711	68111	Thallium	1.26	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
33741	68111	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33772	68111	Thallium	1.34	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33803	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33805	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33806	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33818	68111	Thallium	1.67	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
33831	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33833	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33856	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33863	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33875	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33903	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33915	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
33947	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
33997	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34037	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL															
								NONCANCER HQ_RME		CANCER RISK_RME					NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}																			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34224	68111	Thallium	5.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34225	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34247	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34251	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34255	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34257	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34320	68111	Thallium	1.575	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34371	68111	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34377	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34387	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34396	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34430	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34444	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34478	68111	Thallium	1.555	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34503	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34560	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34562	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34595	68111	Thallium	6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34621	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34626	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34639	68111	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34663	68111	Thallium	1.54	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34669	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34691	68111	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34703	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34766	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34778	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34888	68111	Thallium	26.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E+00	6E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**5E+00**	6E-01
34892	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34904	68111	Thallium	1.24	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
34917	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34923	68111	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34936	68111	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34948	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34953	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34985	68111	Thallium	5.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
34993	68111	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
34999	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35003	68111	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35014	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35042	68111	Thallium	5.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35043	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35059	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35072	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35095	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35137	68111	Thallium	1.23	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
35152	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35223	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35233	68111	Thallium	1.555	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35242	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35252	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35273	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35285	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35287	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35288	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35290	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35350	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35404	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35417	68111	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35458	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35495	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35503	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35513	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35517	68111	Thallium	6.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35536	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35575	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35614	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35619	68111	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35786	68111	Thallium	1.265	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
35821	68111	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35822	68111	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
35826	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35830	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35877	68111	Thallium	1.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
35921	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35935	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35943	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35947	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35964	68111	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
35969	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36000	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36007	68111	Thallium	19.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E+00	4E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	**4E+00**	4E-01
36015	68111	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
36024	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36040	68111	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36046	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36072	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36093	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36116

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)							HIFs Contact with Surface Soil (kg/kg-d)							TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		RISK FROM INGESTION OF SOIL								RISK FROM CONTACT WITH SOIL					(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}					NONCANCER HQ RME		CANCER RISK RME			NONCANCER		CANCER		NONCANCER HQ RME		CANCER RISK RME					
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME		RME		Child	Adult	Child	Adult	Total	RME	RME	RME
36410	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36427	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36464	68111	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36467	68111	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36507	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36557	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36574	68111	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36656	68111	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36679	68111	Thallium	5.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
36701	68111	Thallium	1.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
36706	68111	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
36936	68111	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37023	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37025	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37031	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37036	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37049	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37087	68111	Thallium	1.17	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
37097	68111	Thallium	5.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37156	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37189	68111	Thallium	1.23	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
37193	68111	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37210	68111	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37219	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37223	68111	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37226	68111	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37276	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37361	68111	Thallium	1.32	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37402	68111	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37465	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37470	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37684	68111	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37738	68111	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37756	68111	Thallium	6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
37907	68111	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
37934	68111	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38007	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38054	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38066	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38087	68111	Thallium	1.275	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38202	68111	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38210	68111	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38253	68111	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38261	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38269	68111	Thallium	5.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38300	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38363	68111	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38383	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38407	68111	Thallium	1.295	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38439	68111	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38446	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38449	68111	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38527	68111	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38585	68111	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38587	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38721	68111	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38724	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
38759	68111	Thallium	1.665	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	4E-02
38780	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
38864	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49203	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49313	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49314	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49319	68111	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49341	68111	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49345	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49354	68111	Thallium	5.6	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50024	68111	Thallium	1.545	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50049	68111	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50080	68111	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50105	68111	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50107	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50120	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50146	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50356	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50404	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50410	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50417	68111	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50424	68111	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50434	68111	Thallium	1.63	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
50447	68111	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
63239	68111	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
63751	68111	Thallium	4.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
68070	68111	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
68686	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
73862	68111	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
74664	68111	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
75011	68111	Thallium	1.58	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
77146	68111	Thallium	5

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		RME		RME							RME		RME									
			CSoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
40879	68112	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
2097	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2156	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
2165	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5037	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5150	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5153	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5186	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5188	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5195	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5197	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5260	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5272	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5278	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5298	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5377	68131	Thallium	0.72	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
5379	68131	Thallium	0.775	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
5380	68131	Thallium	0.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22856	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23003	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23016	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23028	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23072	68131	Thallium	4.59	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
23093	68131	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23144	68131	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23145	68131	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23150	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23153	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23211	68131	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23237	68131	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23274	68131	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23280	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23301	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23338	68131	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23344	68131	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23379	68131	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23399	68131	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23425	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23433	68131	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23442	68131	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23460	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23502	68131	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23512	68131	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23532	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23537	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23539	68131	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23577	68131	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23580	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23584	68131	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23586	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23611	68131	Thallium	1.285	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23634	68131	Thallium	4.95	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23673	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23675	68131	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23700	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23742	68131	Thallium	6.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23786	68131	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23788	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23790	68131	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23817	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23822	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23824	68131	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23845	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23872	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23895	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23899	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23922	68131	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23930	68131	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23961	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23967	68131	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23968	68131	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
23985	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
23986	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24000	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24010	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24019	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24027	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24098	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24109	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24119	68131	Thallium	1.315	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24126	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24132	68131	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24141	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24156	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24162	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24182	68131	Thallium	1.29	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24190	68131	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24214	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24240	68131	Thallium	5	6.48E-05	--

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ RME		CANCER RISK RME			RME		RME		NONCANCER HQ RME		CANCER RISK RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24411	68131	Thallium	1.505	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24451	68131	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24457	68131	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24577	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24601	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24605	68131	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24635	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24640	68131	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24655	68131	Thallium	1.28	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24674	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24692	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24693	68131	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24703	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24740	68131	Thallium	1.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24751	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24757	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24768	68131	Thallium	5.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24776	68131	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24794	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24800	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24808	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24887	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24896	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24931	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24958	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
24962	68131	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
24964	68131	Thallium	1.305	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25005	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25009	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25061	68131	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25063	68131	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25078	68131	Thallium	1.56	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25096	68131	Thallium	5.52	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25130	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25133	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25137	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25167	68131	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25185	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25189	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25193	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25202	68131	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25204	68131	Thallium	1.435	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25231	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25242	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25281	68131	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25285	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25296	68131	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25315	68131	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25324	68131	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25329	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25331	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25335	68131	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25337	68131	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25385	68131	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25391	68131	Thallium	12.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E+00	3E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E+00	3E-01
25410	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25425	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25456	68131	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25547	68131	Thallium	1.405	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25554	68131	Thallium	1.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
25558	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25579	68131	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25604	68131	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25607	68131	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
25634	68131	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
25657	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50446	68131	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
89514	68131	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93114	68131	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93413	68131	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
93419	68131	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5139	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5140	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5313	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
5317	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49490	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49500	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49505	68132	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49521	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49544	68132	Thallium	1.375	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49558	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49578	68132	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49618	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49625	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49627	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49628	68132	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49642	68132	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49663	68132	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49671	68132	Thallium	1.4	6.48

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)								HIFs Contact with Surface Soil (kg/kg-d)										
				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL								NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			CSoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																				
49736	68132	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49739	68132	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49759	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49760	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49774	68132	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49781	68132	Thallium	1.27	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49783	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49793	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49800	68132	Thallium	1.22	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
49806	68132	Thallium	1.23	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
49812	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49819	68132	Thallium	1.345	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49833	68132	Thallium	1.44	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49846	68132	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49852	68132	Thallium	1.265	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
49853	68132	Thallium	1.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
49855	68132	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49863	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49884	68132	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49892	68132	Thallium	1.525	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49902	68132	Thallium	1.555	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49907	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49911	68132	Thallium	1.37	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49913	68132	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49918	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49922	68132	Thallium	1.42	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49929	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49931	68132	Thallium	1.57	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49936	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49941	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49943	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49953	68132	Thallium	1.36	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49956	68132	Thallium	1.465	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49958	68132	Thallium	1.555	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49961	68132	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49971	68132	Thallium	4.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-01	9E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-01	9E-02
49974	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49986	68132	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
49994	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
49995	68132	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50479	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50484	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50485	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
50536	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51190	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51214	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51217	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51225	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51228	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51234	68132	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51256	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51263	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51270	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51278	68132	Thallium	1.485	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51280	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51327	68132	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51349	68132	Thallium	1.205	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
51361	68132	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51369	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51381	68132	Thallium	4.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
51391	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51392	68132	Thallium	1.31	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51394	68132	Thallium	1.43	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51401	68132	Thallium	4.8	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
51412	68132	Thallium	4.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
51437	68132	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51440	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51457	68132	Thallium	1.575	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51483	68132	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51492	68132	Thallium	1.41	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51504	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51512	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51519	68132	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51525	68132	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51544	68132	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51546	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51551	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51569	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51587	68132	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51588	68132	Thallium	5.25	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51598	68132	Thallium	1.355	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51600	68132	Thallium	1.455	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51607	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51630	68132	Thallium	4.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51640	68132	Thallium	1.3	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51645	68132	Thallium	1.46	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51646	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51659	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	-

TABLE 7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Thallium

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult)	TOTAL NONCANCER RISK NONCANCER HQ-child	TOTAL NONCANCER RISK NONCANCER HQ-adult
51780	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51785	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51790	68132	Thallium	1.425	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51800	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51803	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51805	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51807	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51808	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51820	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51829	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51840	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51844	68132	Thallium	5.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51846	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51847	68132	Thallium	4.9	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51854	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51855	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51857	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51861	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51863	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51866	68132	Thallium	1.51	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51872	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51897	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51918	68132	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51921	68132	Thallium	1.33	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51938	68132	Thallium	1.515	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
51946	68132	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51949	68132	Thallium	5.05	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51959	68132	Thallium	1.19	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
51960	68132	Thallium	5.5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51972	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51990	68132	Thallium	5.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
51997	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52023	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52035	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52046	68132	Thallium	5.1	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52054	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52059	68132	Thallium	4.7	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
52075	68132	Thallium	1.39	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52078	68132	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52080	68132	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52085	68132	Thallium	1.395	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52090	68132	Thallium	1.38	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52091	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52097	68132	Thallium	1.385	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52101	68132	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52106	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52112	68132	Thallium	1.335	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52119	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52122	68132	Thallium	4.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
52128	68132	Thallium	6.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52129	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52137	68132	Thallium	1.48	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52140	68132	Thallium	1.47	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52141	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52150	68132	Thallium	1.445	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52155	68132	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52158	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52166	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52167	68132	Thallium	1.325	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52177	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52178	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52181	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52186	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52187	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52190	68132	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52192	68132	Thallium	5.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52198	68132	Thallium	4.55	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
52202	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52206	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52214	68132	Thallium	1.535	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52226	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52228	68132	Thallium	1.45	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52243	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52244	68132	Thallium	5.2	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52246	68132	Thallium	1.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52327	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52336	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52356	68132	Thallium	5	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52357	68132	Thallium	6.35	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52367	68132	Thallium	1.49	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52378	68132	Thallium	1.415	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52386	68132	Thallium	5.75	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
52387	68132	Thallium	1.365	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
52411	68132	Thallium	1.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
63007	68132	Thallium	5.15	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
66781	68132	Thallium	5.4	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E+00	1E-01
66791	68132	Thallium	4.65	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-01	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-01	1E-01
92431	68132	Thallium	5.85	6.48E-05	--	6.48E-05	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E+00	1E-01	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	-

Reasonable Maximum Exposure - Vanadium

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
			TOXICITY VALUES	NONCANCER		CANCER		RISK FROM INGESTION OF SOIL						NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				RME		RME		NONCANCER HQ_RME		CANCER RISK_RME				RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo $(mg/kg\text{-}d)^{-1}$	DERMAL RFD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2133	68104	Vanadium	22.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5026	68104	Vanadium	24.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5143	68104	Vanadium	25.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5144	68104	Vanadium	21.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5145	68104	Vanadium	21.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5147	68104	Vanadium	16.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
2229	68105	Vanadium	26.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
2299	68105	Vanadium	22.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
2300	68105	Vanadium	21.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
2308	68105	Vanadium	20.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
3076	68105	Vanadium	22.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
3118	68105	Vanadium	23.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5054	68105	Vanadium	18.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5057	68105	Vanadium	26.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5105	68105	Vanadium	24.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5109	68105	Vanadium	16.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5110	68105	Vanadium	28.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5112	68105	Vanadium	24	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5117	68105	Vanadium	27.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5123	68105	Vanadium	25.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5128	68105	Vanadium	28.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5129	68105	Vanadium	24.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5132	68105	Vanadium	27.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5134	68105	Vanadium	36.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5338	68105	Vanadium	22.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5347	68105	Vanadium	26.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5351	68105	Vanadium	0.385	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-03	1E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-03	1E-04
5352	68105	Vanadium	24.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5355	68105	Vanadium	29.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5356	68105	Vanadium	25.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5357	68105	Vanadium	22.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5359	68105	Vanadium	20.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5361	68105	Vanadium	20.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5363	68105	Vanadium	21.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5364	68105	Vanadium	26.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5365	68105	Vanadium	27.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5367	68105	Vanadium	20	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5486	68105	Vanadium	20.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5488	68105	Vanadium	23.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5489	68105	Vanadium	24.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5495	68105	Vanadium	19.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5509	68105	Vanadium	22.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5610	68105	Vanadium	25	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
2030	68107	Vanadium	34.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
2038	68107	Vanadium	24.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
2104	68107	Vanadium	13.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
2124	68107	Vanadium	37.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2167	68107	Vanadium	27.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
2206	68107	Vanadium	26.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
2252	68107	Vanadium	33.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
2273	68107	Vanadium	31	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
2292	68107	Vanadium	22.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
3003	68107	Vanadium	28.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
3021	68107	Vanadium	48.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
3074	68107	Vanadium	20.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
3121	68107	Vanadium	23.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5066	68107	Vanadium	21.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5076	68107	Vanadium	33.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5130	68107	Vanadium	29.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5157	68107	Vanadium	30.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5159	68107	Vanadium	36.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5161	68107	Vanadium	28.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5163	68107	Vanadium	35.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5165	68107	Vanadium	25.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5166	68107	Vanadium	33.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5172	68107	Vanadium	19.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5176	68107	Vanadium	45.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5178	68107	Vanadium	24.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5180	68107	Vanadium	25.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5182	68107	Vanadium	19.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5183	68107	Vanadium	24.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5185	68107	Vanadium	31.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5211	68107	Vanadium	22.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5212	68107	Vanadium	27.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
2170	68108	Vanadium	27.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5225	68108	Vanadium	29.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5227	68108	Vanadium	23.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5229	68108	Vanadium	24	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5284	68108	Vanadium	24.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5300	68108	Vanadium	30.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5304	68108	Vanadium	28.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5306	68108	Vanadium	17.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5332	68108	Vanadium	17.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5387	68108	Vanadium	23.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5390	68108	Vanadium	21.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5394	68108	Vanadium	23.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5395	68108	Vanadium	23.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03

Scenario Timeframe: Current/Future
Receptor Population: Resident
Receptor Age: Child/Adult

7.1.RME
CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS

Reasonable Maximum Exposure - Vanadium

Omaha Lead Site

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5398	68108	Vanadium	26	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5403	68108	Vanadium	21.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5407	68108	Vanadium	22.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5408	68108	Vanadium	26.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5409	68108	Vanadium	10.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5416	68108	Vanadium	24	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5418	68108	Vanadium	23.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5422	68108	Vanadium	23	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5425	68108	Vanadium	22.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5426	68108	Vanadium	21.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5427	68108	Vanadium	26.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5429	68108	Vanadium	22.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5431	68108	Vanadium	24.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5432	68108	Vanadium	22.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5449	68108	Vanadium	26.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5450	68108	Vanadium	23.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5454	68108	Vanadium	20.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5460	68108	Vanadium	21.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5463	68108	Vanadium	23.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5467	68108	Vanadium	24.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5472	68108	Vanadium	22.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5473	68108	Vanadium	22.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5474	68108	Vanadium	28.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5480	68108	Vanadium	21.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5483	68108	Vanadium	24.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5485	68108	Vanadium	20.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5492	68108	Vanadium	24.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5505	68108	Vanadium	23.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5572	68108	Vanadium	23.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5607	68108	Vanadium	23.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5608	68108	Vanadium	26.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5623	68108	Vanadium	26	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5628	68108	Vanadium	24.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5630	68108	Vanadium	22.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5636	68108	Vanadium	23.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5637	68108	Vanadium	19.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5652	68108	Vanadium	19.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2069	68110	Vanadium	28.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
2280	68110	Vanadium	19.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2354	68110	Vanadium	22.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
3136	68110	Vanadium	21.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5258	68110	Vanadium	33.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
5388	68110	Vanadium	25.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5520	68110	Vanadium	27.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5525	68110	Vanadium	24	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5527	68110	Vanadium	24.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5530	68110	Vanadium	27.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5532	68110	Vanadium	25.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5536	68110	Vanadium	28.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5541	68110	Vanadium	28	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5544	68110	Vanadium	25	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5546	68110	Vanadium	24.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5551	68110	Vanadium	26.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5559	68110	Vanadium	25.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5560	68110	Vanadium	24.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5561	68110	Vanadium	23.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5563	68110	Vanadium	24.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5565	68110	Vanadium	23.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5566	68110	Vanadium	21.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5612	68110	Vanadium	24.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5614	68110	Vanadium	24.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5641	68110	Vanadium	26.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5651	68110	Vanadium	23.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
2035	68111	Vanadium	35	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2075	68111	Vanadium	26.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
2103	68111	Vanadium	29.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
2109	68111	Vanadium	39.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2121	68111	Vanadium	27.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
2126	68111	Vanadium	35.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2154	68111	Vanadium	39.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
2179	68111	Vanadium	19.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2216	68111	Vanadium	36.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
2225	68111	Vanadium	24.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
2231	68111	Vanadium	12.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
2262	68111	Vanadium	24.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
2365	68111	Vanadium	22.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
3046	68111	Vanadium	19.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
3051	68111	Vanadium	19.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
3058	68111	Vanadium	20.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
3091	68111	Vanadium	16.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
3133	68111	Vanadium	21.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
3151	68111	Vanadium	13	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5013	68111	Vanadium	38	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5085	68111	Vanadium	29.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5170	68111	Vanadium	25.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5171	68111	Vanadium	31.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5204	68111	Vanadium	29.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03

Reasonable Maximum Exposure - Vanadium

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5206	68111	Vanadium	30.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5208	68111	Vanadium	24.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5215	68111	Vanadium	25.7	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5221	68111	Vanadium	27.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5230	68111	Vanadium	28.5	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5232	68111	Vanadium	36.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
5234	68111	Vanadium	27.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5236	68111	Vanadium	26.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5238	68111	Vanadium	27.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5240	68111	Vanadium	24.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5242	68111	Vanadium	26.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5246	68111	Vanadium	33.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5288	68111	Vanadium	30.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5296	68111	Vanadium	22.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5330	68111	Vanadium	21.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5333	68111	Vanadium	18.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
5513	68111	Vanadium	33.1	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
5514	68111	Vanadium	23.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5618	68111	Vanadium	24.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
2269	68112	Vanadium	32.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
2097	68131	Vanadium	22.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
2156	68131	Vanadium	25.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5037	68131	Vanadium	29.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5150	68131	Vanadium	29.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5153	68131	Vanadium	23.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5186	68131	Vanadium	29.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5188	68131	Vanadium	28.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5195	68131	Vanadium	23.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5197	68131	Vanadium	27.9	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
5260	68131	Vanadium	24.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5272	68131	Vanadium	26.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
5278	68131	Vanadium	25.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5298	68131	Vanadium	40.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
5377	68131	Vanadium	21	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5379	68131	Vanadium	22.4	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
5380	68131	Vanadium	25.3	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5139	68132	Vanadium	30.2	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5140	68132	Vanadium	20.6	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5313	68132	Vanadium	30.8	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
5317	68132	Vanadium	18	5.04E-03	--	1.31E-04	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
7	68107	Zinc	268.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21	68107	Zinc	179.729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23	68107	Zinc	166.913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24	68107	Zinc	218.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30	68107	Zinc	186.315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31	68107	Zinc	373.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34	68107	Zinc	248.882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35	68107	Zinc	804.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
36	68107	Zinc	403.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37	68107	Zinc	196.995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38	68107	Zinc	182.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
40	68107	Zinc	320.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47	68107	Zinc	212.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49	68107	Zinc	211.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
56	68107	Zinc	442.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
57	68107	Zinc	495.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
79	68107	Zinc	180.085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
81	68107	Zinc	268.818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
83	68107	Zinc	276.294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
85	68107	Zinc	396.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
87	68107	Zinc	154.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
88	68107	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93	68107	Zinc	239.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
99	68107	Zinc	241.228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
106	68107	Zinc	580.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
125	68107	Zinc	96.069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
174	68107	Zinc	157.301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
409	68107	Zinc	372.948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
503	68107	Zinc	534.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
506	68107	Zinc	209.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
629	68107	Zinc	270.954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
904	68107	Zinc	362.268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
924	68107	Zinc	966.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
930	68107	Zinc	194.325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
994	68107	Zinc	167.269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1013	68107	Zinc	445.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1057	68107	Zinc	223.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1072	68107	Zinc	992.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
1083	68107	Zinc	142.705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1084	68107	Zinc	128.821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
1093	68107	Zinc	477.612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1095	68107	Zinc	279.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1099	68107	Zinc	307.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1104	68107	Zinc	131.135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1106	68107	Zinc	251.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1122	68107	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1123	68107	Zinc	346.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1133	68107	Zinc	150.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1140	68107	Zinc	200.199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1164	68107	Zinc	498.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1183	68107	Zinc	130.245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1196	68107	Zinc	223.606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1203	68107	Zinc	314.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1210	68107	Zinc	484.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1215	68107	Zinc	356.038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1222	68107	Zinc	339.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1224	68107	Zinc	291.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1226	68107	Zinc	313.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1234	68107	Zinc	299.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1235	68107	Zinc	393.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1236	68107	Zinc	157.835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1239	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1243	68107	Zinc	177.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1256	68107	Zinc	218.622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1274	68107	Zinc	113.335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
1279	68107	Zinc	156.233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1281	68107	Zinc	418.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1290	68107	Zinc	467.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1291	68107	Zinc	280.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1316	68107	Zinc	629.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1318	68107	Zinc	393.596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1321	68107	Zinc	217.732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1322	68107	Zinc	469.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1326	68107	Zinc	311.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1328	68107	Zinc	321.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1332	68107	Zinc	315.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1344	68107	Zinc	193.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1347	68107	Zinc	520.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1348	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1349	68107	Zinc	267.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1355	68107	Zinc	204.382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1356	68107	Zinc	255.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1357	68107	Zinc	219.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1359	68107	Zinc	657.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1362	68107	Zinc	264.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1363	68107	Zinc	215.418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1364	68107	Zinc	151.427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1370	68107	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1374	68107

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
1470	68107	Zinc	415.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1475	68107	Zinc	481.884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1477	68107	Zinc	1803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
1478	68107	Zinc	677.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1492	68107	Zinc	491.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1496	68107	Zinc	370.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1504	68107	Zinc	65.453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
1506	68107	Zinc	140.925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1547	68107	Zinc	149.469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1548	68107	Zinc	190.409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1607	68107	Zinc	162.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1611	68107	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1614	68107	Zinc	343.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1615	68107	Zinc	162.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1624	68107	Zinc	466.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1625	68107	Zinc	127.931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
1631	68107	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1632	68107	Zinc	227.878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2001	68107	Zinc	167.4025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2030	68107	Zinc	278.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2033	68107	Zinc	264.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2038	68107	Zinc	89.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
2056	68107	Zinc	354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2059	68107	Zinc	430.1127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2068	68107	Zinc	386.3425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2096	68107	Zinc	322.574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2104	68107	Zinc	675.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2124	68107	Zinc	107.906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
2167	68107	Zinc	134.695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2172	68107	Zinc	250.8133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2197	68107	Zinc	361.022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2206	68107	Zinc	417.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2218	68107	Zinc	508.1568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2220	68107	Zinc	322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2249	68107	Zinc	418.8542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2252	68107	Zinc	224.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2259	68107	Zinc	144.6926667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2273	68107	Zinc	253.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2292	68107	Zinc	135.9855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2293	68107	Zinc	217.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2303	68107	Zinc	471.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2330	68107	Zinc	298.1613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2350	68107	Zinc	261.431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2376	68107	Zinc	335.034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2377	68107	Zinc	157.123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2384	68107	Zinc	667.004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2410	68107	Zinc	574.3906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
2444	68107	Zinc	885.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
2477	68107	Zinc	243.1771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2478	68107	Zinc	331.5452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2479	68107	Zinc	291.5219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2483	68107	Zinc	550.3873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
2485	68107	Zinc	282.0612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2490	68107	Zinc	267.7856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2492	68107	Zinc	203.6967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
2494	68107	Zinc	361.467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2496	68107	Zinc	522.6193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2497	68107	Zinc	393.0531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2498	68107	Zinc	212.8014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2499	68107	Zinc	583.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2500	68107	Zinc	318.8449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2504	68107	Zinc	185.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2506	68107	Zinc	623.0914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2509	68107	Zinc	426.1433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2510	68107	Zinc	329.9165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2512	68107	Zinc	310.2208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2513	68107	Zinc	280.2456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2514	68107	Zinc	200.0566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
3003	68107	Zinc	178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
3004	68107	Zinc	396.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3021	68107	Zinc	346.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
3047	68107	Zinc	383.806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3074	68107	Zinc	173.321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3083	68107	Zinc	501.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3121	68107	Zinc	354.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3157	68107	Zinc	481.2788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3188	68107	Zinc	170.6243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3194	68107	Zinc	149.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
3210	68107	Zinc	626.954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
3223	68107	Zinc	238.9852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5005	68107	Zinc	240.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5010	68107	Zinc	296.586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5064	68107	Zinc	304.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5065	68107	Zinc	267.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5066	68107	Zinc	584.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5067	68107	Zinc	210.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5068	68107	Zinc	259.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5069	68107	Zinc	112.445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5159	68107	Zinc	416.024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5160	68107	Zinc	454.472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5161	68107	Zinc	146.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5162	68107	Zinc	269.886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5163	68107	Zinc	131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5164	68107	Zinc	518.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5165	68107	Zinc	310	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5166	68107	Zinc	222.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5172	68107	Zinc	395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5173	68107	Zinc	362.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5174	68107	Zinc	213.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5175	68107	Zinc	568.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5176	68107	Zinc	376.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5177	68107	Zinc	273.802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5178	68107	Zinc	276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5179	68107	Zinc	446.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5180	68107	Zinc	406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5181	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5182	68107	Zinc	229.302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5183	68107	Zinc	171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5184	68107	Zinc	307.622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5185	68107	Zinc	258.138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5209	68107	Zinc	217.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5210	68107	Zinc	624.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5211	68107	Zinc	192.545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5212	68107	Zinc	119.743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5213	68107	Zinc	123.837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
5214	68107	Zinc	117.607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10001	68107	Zinc	351.9885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10002	68107	Zinc	253.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10005	68107	Zinc	136.119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
10007	68107	Zinc	508.6908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10008	68107	Zinc	374.2474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10009	68107	Zinc	513.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10010	68107	Zinc	382.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10011	68107	Zinc	428.3416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10015	68107	Zinc	181.1886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10016	68107	Zinc	726.3581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10018	68107	Zinc	459.9633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10019	68107	Zinc	281.634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10021	68107	Zinc	224.9944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10024	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10025	68107	Zinc	271.1676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10026	68107	Zinc	350.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10028	68107	Zinc	795.1462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10029	68107	Zinc	445.0736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10030	68107	Zinc	396.6398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10032	68107	Zinc	459.4916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10033	68107	Zinc	160.3003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10034	68107	Zinc	288.7184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10035	68107	Zinc	736.7444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10036	68107	Zinc	375.8672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10038	68107	Zinc	418.8008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10039	68107	Zinc	333.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10040	68107	Zinc	239.181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10041	68107	Zinc	657.1339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10042	68107	Zinc	310.0962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10043	68107	Zinc	209.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10044	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10045	68107	Zinc	1052.641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
10048	68107	Zinc	371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10052	68107	Zinc	475.8498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10053	68107	Zinc	367.786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10054	68107	Zinc	463.1139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10055	68107	Zinc	339.8845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10057	68107	Zinc	480.0595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10059	68107	Zinc	373.3663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10062	68107	Zinc	300.8224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10063	68107	Zinc	438.096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10066	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10067	68107	Zinc	355.5752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10068	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10069	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10070	68107	Zinc	510.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10071	68107	Zinc	317.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10072	68107	Zinc	294.0228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10073	68107	Zinc	212.6679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10074	68107	Zinc	535.1327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10075	68107	Zinc	556.822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10076	68107	Zinc	324.5142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10077	68107	Zinc	470.3496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10078	68107	Zinc	244.2184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10079	68107	Zinc	421.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10083	68107	Zinc	240.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10087	68107	Zinc	598.8389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10088	68107	Zinc	247.0397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10089	68107	Zinc	319.6993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10090	68107	Zinc	367.4211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10102	68107	Zinc	620.0031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10103	68107	Zinc	1164.959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
10104	68107	Zinc	437.9358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10105	68107	Zinc	404.3027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10108	68107	Zinc	343.133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10109	68107	Zinc	622.6998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10110	68107	Zinc	389.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10111	68107	Zinc	512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10112	68107	Zinc	128.2336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10115	68107	Zinc	167.447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10116	68107	Zinc	373.927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10117	68107	Zinc	1309.139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
10118	68107	Zinc	535.9337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10119	68107	Zinc	630.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10120	68107	Zinc	261.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10122	68107	Zinc	123.2229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10126	68107	Zinc	330.8688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10127	68107	Zinc	558.0413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10128	68107	Zinc	162.8635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10130	68107	Zinc	475.209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10131	68107	Zinc	355.6464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10133	68107	Zinc	837.6793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
10134	68107	Zinc	157.4701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10135	68107	Zinc	237.2319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10137	68107	Zinc	253.154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10138	68107	Zinc	129.9869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
10140	68107	Zinc	418.8631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10141	68107	Zinc	411.9656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10143	68107	Zinc	167.5538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10144	68107	Zinc	274.6564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10146	68107	Zinc	362.2324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10148	68107	Zinc	454.9793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10149	68107	Zinc	364.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10150	68107	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10151	68107	Zinc	198.3389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10154	68107	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10158	68107	Zinc	333.6456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10159	68107	Zinc	754.2418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10160	68107	Zinc	575.3073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10162	68107	Zinc	149.4512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10163	68107	Zinc	404.8278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10164	68107	Zinc	396.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10165	68107	Zinc	267.1626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10166	68107	Zinc	299.5764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10167	68107	Zinc	451.0188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10169	68107	Zinc	245.5178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10171	68107	Zinc	298.9445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10172	68107	Zinc	435.9511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10173	68107	Zinc	428.8845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10175	68107	Zinc	262.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10177	68107	Zinc	421.0436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10178	68107	Zinc	308.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10179	68107	Zinc	822.4336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
10180	68107	Zinc	313.1311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10181	68107	Zinc	222.627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10182	68107	Zinc	367.0295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10183	68107	Zinc	798.3057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10184	68107	Zinc	306.9189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10192	68107	Zinc	336.6004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10194	68107	Zinc	777.9069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10195	68107	Zinc	317.0382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10196	68107	Zinc	383.7348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10197	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10200	68107	Zinc	201.6586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10201	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10202	68107	Zinc	196.9772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10203	68107	Zinc	594.3177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10204	68107	Zinc	526.1081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10205	68107	Zinc	625.085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10206	68107	Zinc	335.4523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10208	68107	Zinc	166.7617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10209	68107	Zinc	252.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10211	68107	Zinc	1683.829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
10212	68107	Zinc	254.1063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10213	68107	Zinc	255.5926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10214	68107	Zinc	307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10215	68107	Zinc	313.0777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10218	68107	Zinc	574.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10222	68107	Zinc	575.2628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10223	68107	Zinc	292.2962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10224	68107	Zinc	395.7498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10225	68107	Zinc	220.3575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10226	68107	Zinc	222.5024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10227	68107	Zinc	747.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10229	68107	Zinc	327.5402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10230	68107	Zinc	281.9811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10231	68107	Zinc	369.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10232	68107	Zinc	557.4361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10247	68107	Zinc	342.4655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10248	68107	Zinc	472.4945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10249	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10251	68107	Zinc	317.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10252	68107	Zinc	686.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10253	68107	Zinc	440.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10254	68107	Zinc	1145.201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
10256	68107	Zinc	503.3241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10257	68107	Zinc	279.765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10258	68107	Zinc	236.5555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10259	68107	Zinc	466.8697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10260	68107	Zinc	619.4958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10261	68107	Zinc	182.4791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10262	68107	Zinc	334.6691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10263	68107	Zinc	258.5652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10264	68107	Zinc	242.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10265	68107	Zinc	616.1583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10266	68107	Zinc	353.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10269	68107	Zinc	421.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10272	68107	Zinc	324.9414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10273	68107	Zinc	440.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10274	68107	Zinc	274.158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10275	68107	Zinc	265.8721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10276	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10277	68107	Zinc	732.2588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10279	68107	Zinc	293.2752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10280	68107	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10281	68107	Zinc	387.0545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10283	68107	Zinc	1144.845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
10286	68107	Zinc	351.5079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10288	68107	Zinc	496.6758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10289	68107	Zinc	297.9566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10290	68107	Zinc	568.9705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10291	68107	Zinc	493.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10293	68107	Zinc	336.4135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10294	68107	Zinc	315.4896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10295	68107	Zinc	217.5006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10296	68107	Zinc	183.9209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10297	68107	Zinc	195.571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10298	68107	Zinc	305.9488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10299	68107	Zinc	284.1795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10300	68107	Zinc	279.9786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10301	68107	Zinc	399.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10302	68107	Zinc	257.0344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10303	68107	Zinc	429.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10304	68107	Zinc	194.0313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10305	68107	Zinc	685.5338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10306	68107	Zinc	160.1045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10308	68107	Zinc	752.0168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10309	68107	Zinc	337.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10310	68107	Zinc	540	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10311	68107	Zinc	518.6232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10313	68107	Zinc	630.2915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10314	68107	Zinc	340.0536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10315	68107	Zinc	727.0523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10316	68107	Zinc	270.598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10317	68107	Zinc	202.335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10318	68107	Zinc	215.596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10320	68107	Zinc	272.1288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10322	68107	Zinc	409.6694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10324	68107	Zinc	472.984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10326	68107	Zinc	378.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10327	68107	Zinc	335.2387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10328	68107	Zinc	652.1588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10329	68107	Zinc	789.4235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10330	68107	Zinc	275.4396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10331	68107	Zinc	446.5777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10332	68107	Zinc	691.3989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10333	68107	Zinc	1430.001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
10334	68107	Zinc	349.2651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10337	68107	Zinc	360.3723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10338	68107	Zinc	339.7955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10339	68107	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10340	68107	Zinc	352.033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10342	68107	Zinc	434.6962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10343	68107	Zinc	128.1802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10344	68107	Zinc	436.2893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10345	68107	Zinc	231.7406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10346	68107	Zinc	295.9452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10347	68107	Zinc	836.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
10348	68107	Zinc	266.4862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10349	68107	Zinc	230.6815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10351	68107	Zinc	271.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10352	68107	Zinc	373.037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10353	68107	Zinc	230.8506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10354	68107	Zinc	192.3759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10356	68107	Zinc	223.9442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10358	68107	Zinc	435.8176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10375	68107	Zinc	293.7558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10376	68107	Zinc	538.4346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10377	68107	Zinc	433.3612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10378	68107	Zinc	227.4508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10381	68107	Zinc	108.885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10382	68107	Zinc	363.6208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10383	68107	Zinc	235.2561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10385	68107	Zinc	210.8701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10386	68107	Zinc	196.906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10387	68107	Zinc	204.3108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10388	68107	Zinc	217.1268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10389	68107	Zinc	720.2082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10390	68107	Zinc	320.2422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10392	68107	Zinc	493.2671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10394	68107	Zinc	276.2495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10395	68107	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10396	68107	Zinc	329.1778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10397	68107	Zinc	190.0619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10398	68107	Zinc	459.0644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10401	68107	Zinc	155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10402	68107	Zinc	302.638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10403	68107	Zinc	287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10404	68107	Zinc	193.1324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10405	68107	Zinc	192.3225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10407	68107	Zinc	357.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10408	68107	Zinc	312.161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10409	68107	Zinc	385.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10410	68107	Zinc	611.5837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10412	68107	Zinc	355.1658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10413	68107	Zinc	297.4315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10414	68107	Zinc	343.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10415	68107	Zinc	167.625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10416	68107	Zinc	409.5982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10417	68107	Zinc	424.7994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10418	68107	Zinc	187.3563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10419	68107	Zinc	318.9695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10421	68107	Zinc	416.8428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10422	68107	Zinc	362.2324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10425	68107	Zinc	176.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10427	68107	Zinc	365.6055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10428	68107	Zinc	252.2996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10429	68107	Zinc	331.1095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10430	68107	Zinc	318.9695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10431	68107	Zinc	277.7625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10432	68107	Zinc	302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10433	68107	Zinc	464.1641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10434	68107	Zinc	409.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10436	68107	Zinc	381.0114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10437	68107	Zinc	200.4126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10438	68107	Zinc	314.653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10439	68107	Zinc	137.365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
10440	68107	Zinc	283.0491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10441	68107	Zinc	390.2229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10443	68107	Zinc	326.2675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10445	68107	Zinc	313.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10447	68107	Zinc	293.5155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10449	68107	Zinc	297.1467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10450	68107	Zinc	480.282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10451	68107	Zinc	322.3693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10452	68107	Zinc	346.5862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10453	68107	Zinc	191.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10454	68107	Zinc	1073.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
10455	68107	Zinc	1060	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
10456	68107	Zinc	456.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10457	68107	Zinc	265.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10458	68107	Zinc	327.5135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10459	68107	Zinc	297.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10461	68107	Zinc	640.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10462	68107	Zinc	256.1533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10463	68107	Zinc	560.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10464	68107	Zinc	345.5449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10466	68107	Zinc	280.5749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10467	68107	Zinc	377.0598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10468	68107	Zinc	352.6471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10469	68107	Zinc	407.8004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10470	68107	Zinc	382.8448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10471	68107	Zinc	782.081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10472	68107	Zinc	217.5451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10473	68107	Zinc	214.3589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10474	68107	Zinc	546.6582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10475	68107	Zinc	231.2867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10478	68107	Zinc	351.1074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10480	68107	Zinc	260.1494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10481	68107	Zinc	97.0213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10483	68107	Zinc	253.6524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10484	68107	Zinc	376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10485	68107	Zinc	155.5032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10486	68107	Zinc	183.0487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10500	68107	Zinc	589.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10501	68107	Zinc	528.9116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10503	68107	Zinc	419.1123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10504	68107	Zinc	660.9253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10505	68107	Zinc	510.987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10506	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10508	68107	Zinc	640.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10510	68107	Zinc	407.569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10511	68107	Zinc	475.476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10512	68107	Zinc	170.117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10513	68107	Zinc	251.0536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10515	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10516	68107	Zinc	599.5865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10518	68107	Zinc	235.4341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10519	68107	Zinc	338.5762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10520	68107	Zinc	656.2973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10521	68107	Zinc	179.0971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10522	68107	Zinc	457.6493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10523	68107	Zinc	251.8724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10524	68107	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10525	68107	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10526	68107	Zinc	258.4317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10527	68107	Zinc	331.7677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10528	68107	Zinc	372.3161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10530	68107	Zinc	181.5001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10531	68107	Zinc	374.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10532	68107	Zinc	190.7205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10533	68107	Zinc	449.1142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10534	68107	Zinc	346.3548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10535	68107	Zinc	324.8524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10536	68107	Zinc	506.2433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10537	68107	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10538	68107	Zinc	523.1444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10539	68107	Zinc	225.4216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10540	68107	Zinc	304.7562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10542	68107	Zinc	257.426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10543	68107	Zinc	802.8981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10544	68107	Zinc	192.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10545	68107	Zinc	400.7961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10546	68107	Zinc	167.7941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10547	68107	Zinc	288.2111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10548	68107	Zinc	346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10550	68107	Zinc	311.8406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10552	68107	Zinc	408.3077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10555	68107	Zinc	463.7725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10556	68107	Zinc	493.2137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10557	68107	Zinc	404.1158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10558	68107	Zinc	292.7946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10561	68107	Zinc	166.4769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10562	68107	Zinc	582.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10563	68107	Zinc	394.9666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10564	68107	Zinc	448.8561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10566	68107	Zinc	503.8492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10567	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10568	68107	Zinc	291.9046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10569	68107	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10570	68107	Zinc	597.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10571	68107	Zinc	300.3062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10572	68107	Zinc	484.9634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10573	68107	Zinc	151.516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10575	68107	Zinc	253.0561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10576	68107	Zinc	274.1046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10577	68107	Zinc	507.0176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10578	68107	Zinc	519.1038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10579	68107	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10580	68107	Zinc	311.4935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10581	68107	Zinc	317.6345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10582	68107	Zinc	625.3342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10583	68107	Zinc	341.9849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10584	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10585	68107	Zinc	162.8902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10587	68107	Zinc	176.1957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10588	68107	Zinc	355.9757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10589	68107	Zinc	492.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10591	68107	Zinc	361.20445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10592	68107	Zinc	364.8668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10597	68107	Zinc	436.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10598	68107	Zinc	240.5694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10599	68107	Zinc	439.2797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10600	68107	Zinc	233.8232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10601	68107	Zinc	277.5667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10604	68107	Zinc	417.5726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10607	68107	Zinc	738.1239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10608	68107	Zinc	194.5831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10609	68107	Zinc	1044.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
10610	68107	Zinc	398.046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10611	68107	Zinc	227.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10612	68107	Zinc	235.4074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10624	68107	Zinc	478.8936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10627	68107	Zinc	194.8412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10628	68107	Zinc	302.7092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10630	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10633	68107	Zinc	240.2846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10634	68107	Zinc	260.8258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10636	68107	Zinc	499.5416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10637	68107	Zinc	389.0303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10638	68107	Zinc	248.5438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10639	68107	Zinc	293.382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10640	68107	Zinc	554.9797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10642	68107	Zinc	192.5539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10644	68107	Zinc	235.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10645	68107	Zinc	521.8094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10646	68107	Zinc	173.4278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10647	68107	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10648	68107	Zinc	412.6331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10649	68107	Zinc	369.566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10650	68107	Zinc	608.0504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10651	68107	Zinc	595.893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10652	68107	Zinc	166.6816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10653	68107	Zinc	303.8039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10654	68107	Zinc	235.5409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10655	68107	Zinc	206.9541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10657	68107	Zinc	321.6395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10658	68107	Zinc	253.243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10660	68107	Zinc	386.3692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10661	68107	Zinc	201.6942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10662	68107	Zinc	463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10663	68107	Zinc	1179.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
10664	68107	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10667	68107	Zinc	255.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10668	68107	Zinc	316.6555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10670	68107	Zinc	419.8955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10671	68107	Zinc	309.3931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10672	68107	Zinc	176.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10673	68107	Zinc	480.6914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10674	68107	Zinc	327.8606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10676	68107	Zinc	201.9078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10678	68107	Zinc	722.9494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10679	68107	Zinc	587.0464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10680	68107	Zinc	252.5933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10681	68107	Zinc	209.7309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10682	68107	Zinc	150.537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
10683	68107	Zinc	456.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10684	68107	Zinc	533.0946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10685	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10686	68107	Zinc	256.1622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10687	68107	Zinc	353.8219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10688	68107	Zinc	285.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10689	68107	Zinc	514.7428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10690	68107	Zinc	320.7584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10691	68107	Zinc	236.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10693	68107	Zinc	386.0132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10694	68107	Zinc	224.585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10696	68107	Zinc	492.8132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10697	68107	Zinc	529.0807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10698	68107	Zinc	393.3112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10700	68107	Zinc	392.9908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10702	68107	Zinc	371.8533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10703	68107	Zinc	831.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
10704	68107	Zinc	302.7003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10705	68107	Zinc	362.6062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10706	68107	Zinc	196.4343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10707	68107	Zinc	320.6783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10709	68107	Zinc	176.1245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10710	68107	Zinc	409.2244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10712	68107	Zinc	342.154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10713	68107	Zinc	225.9378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10714	68107	Zinc	479.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10715	68107	Zinc	178.2783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10717	68107	Zinc	279.9875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10718	68107	Zinc	402.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10719	68107	Zinc	282.5596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10720	68107	Zinc	502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10721	68107	Zinc	559.492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10722	68107	Zinc	178.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10723	68107	Zinc	239.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10724	68107	Zinc	344.4235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10725	68107	Zinc	1013.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
10726	68107	Zinc	234.9446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10727	68107	Zinc	540.2235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10728	68107	Zinc	269.6991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10729	68107	Zinc	368.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10730	68107	Zinc	346.2213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10731	68107	Zinc	408.9129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10732	68107	Zinc	348.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10733	68107	Zinc	237.8727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10747	68107	Zinc	119.9032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10748	68107	Zinc	230.8862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10750	68107	Zinc	245.4644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10752	68107	Zinc	187.5254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10754	68107	Zinc	331.4295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10755	68107	Zinc	558.3528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10756	68107	Zinc	318.4355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10758	68107	Zinc	122.591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
10760	68107	Zinc	689.1205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10761	68107	Zinc	269.5567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10763	68107	Zinc	861.291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
10764	68107	Zinc	172.1106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10765	68107	Zinc	166.4947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10766	68107	Zinc	203.7323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10767	68107	Zinc	469.2994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10768	68107	Zinc	181.1174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10770	68107	Zinc	548.9989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10772	68107	Zinc	242.9279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10773	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10774	68107	Zinc	385.2389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10775	68107	Zinc	733.4069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10776	68107	Zinc	100.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
10777	68107	Zinc	174.7984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10779	68107	Zinc	501.6865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10780	68107	Zinc	293.6401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10781	68107	Zinc	375.8672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10783	68107	Zinc	247.2711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10784	68107	Zinc	487.1706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10786	68107	Zinc	436.3872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10787	68107	Zinc	207.4614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10788	68107	Zinc	364.8045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10789	68107	Zinc	349.2206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10790	68107	Zinc	163.6645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10791	68107	Zinc	287.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10792	68107	Zinc	253.7325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10793	68107	Zinc	228.6523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10794	68107	Zinc	372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10795	68107	Zinc	200.5906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10796	68107	Zinc	210.5586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10797	68107	Zinc	268.462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10799	68107	Zinc	247.3067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10800	68107	Zinc	533.1747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10801	68107	Zinc	441.9319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10802	68107	Zinc	313.5227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10803	68107	Zinc	479.2496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10804	68107	Zinc	2305.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
10805	68107	Zinc	264.4659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10807	68107	Zinc	268.1327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10808	68107	Zinc	262.7126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10809	68107	Zinc	272.3602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10813	68107	Zinc	516.683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10814	68107	Zinc	581.8132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10816	68107	Zinc	546.3556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10817	68107	Zinc	195.6956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10819	68107	Zinc	259.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10820	68107	Zinc	215.2578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10821	68107	Zinc	345.4292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10822	68107	Zinc	297.0043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10823	68107	Zinc	481.7416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10824	68107	Zinc	523.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10825	68107	Zinc	418.8275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10826	68107	Zinc	371.7554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10827	68107	Zinc	262.1252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10828	68107	Zinc	423.5801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10829	68107	Zinc	292.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10831	68107	Zinc	470	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10832	68107	Zinc	334.945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10833	68107	Zinc	293.738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10834	68107	Zinc	447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10835	68107	Zinc	332.0258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10836	68107	Zinc	274.247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10837	68107	Zinc	745.7156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10838	68107	Zinc	279.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10839	68107	Zinc	333.6456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10840	68107	Zinc	232.4882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10841	68107	Zinc	339.8845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10842	68107	Zinc	294.6191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10843	68107	Zinc	351.1786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10844	68107	Zinc	232.4615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10847	68107	Zinc	277.3976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10848	68107	Zinc	212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10850	68107	Zinc	177.0412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10851	68107	Zinc	550.681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10854	68107	Zinc	406.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10855	68107	Zinc	260.007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10856	68107	Zinc	296.7373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10857	68107	Zinc	267.2961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10858	68107	Zinc	500.5117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
10871	68107	Zinc	399.0428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10873	68107	Zinc	260.5588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10874	68107	Zinc	538.8796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10875	68107	Zinc	564.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10876	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10877	68107	Zinc	340.9258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10880	68107	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10881	68107	Zinc	243.2661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10882	68107	Zinc	368.7739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10883	68107	Zinc	473.3756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10884	68107	Zinc	117.0552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10885	68107	Zinc	385.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10886	68107	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10887	68107	Zinc	188.5489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10889	68107	Zinc	195.9092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10890	68107	Zinc	349.8792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10891	68107	Zinc	271.1053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10894	68107	Zinc	311.3511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10895	68107	Zinc	292.1538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10896	68107	Zinc	187.7835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10897	68107	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10899	68107	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10902	68107	Zinc	483.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10903	68107	Zinc	371.1947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10905	68107	Zinc	336.7161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10907	68107	Zinc	96.4962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
10908	68107	Zinc	345.0999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10909	68107	Zinc	627.0341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10910	68107	Zinc	114.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
10912	68107	Zinc	317.9104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10913	68107	Zinc	266.771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10914	68107	Zinc	369.7173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10915	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10916	68107	Zinc	359.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10918	68107	Zinc	218.0702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10919	68107	Zinc	800.4239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10920	68107	Zinc	508.8421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10921	68107	Zinc	466.7629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10923	68107	Zinc	222.7071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10924	68107	Zinc	241.5306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10925	68107	Zinc	802.9604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10926	68107	Zinc	452.5407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10927	68107	Zinc	515.3569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10928	68107	Zinc	178.661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
10931	68107	Zinc	197.1196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
10932	68107	Zinc	321.7552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10933	68107	Zinc	348.5531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10934	68107	Zinc	432.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10935	68107	Zinc	373.9181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10937	68107	Zinc	154.7645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
10938	68107	Zinc	311.4757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10941	68107	Zinc	447.3075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10943	68107	Zinc	294.4322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10944	68107	Zinc	358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10945	68107	Zinc	209.7309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10947	68107	Zinc	362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10948	68107	Zinc	652.7996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10949	68107	Zinc	202.4774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10950	68107	Zinc	391.5045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10951	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10952	68107	Zinc	223.8463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10953	68107	Zinc	103.8387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
10955	68107	Zinc	599.2572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10956	68107	Zinc	204.2307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
10961	68107	Zinc	641.4877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10962	68107	Zinc	347.4851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10964	68107	Zinc	168.5506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10965	68107	Zinc	709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
10967	68107	Zinc	363.425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10968	68107	Zinc	283.236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10970	68107	Zinc	228.5455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10972	68107	Zinc	577.8794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
10973	68107	Zinc	391.6469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10974	68107	Zinc	514.7784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10975	68107	Zinc	164.5278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10977	68107	Zinc	350.698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10978	68107	Zinc	297.4493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10979	68107	Zinc	455.0505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10982	68107	Zinc	286.3065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10985	68107	Zinc	329.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
10986	68107	Zinc	770.9649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
10988	68107	Zinc	509.5363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10989	68107	Zinc	428.8044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10990	68107	Zinc	212.8192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
10991	68107	Zinc	318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
10992	68107	Zinc	442.2167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
10994	68107	Zinc	174.9052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
10995	68107	Zinc	591.8346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03

				HIFs Ingestion of Surface Soil (kg/kg-d)										HIFs Contact with Surface Soil (kg/kg-d)											
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11010	68107	Zinc	429.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11011	68107	Zinc	1231.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
11012	68107	Zinc	261.8582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11013	68107	Zinc	1495.861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
11014	68107	Zinc	136.2525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11016	68107	Zinc	486.9036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11017	68107	Zinc	532.703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11020	68107	Zinc	195.7401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11021	68107	Zinc	373.8647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11023	68107	Zinc	199.8786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11024	68107	Zinc	309.9182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11025	68107	Zinc	350.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11026	68107	Zinc	305.9488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11029	68107	Zinc	392.6259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11030	68107	Zinc	136.2881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11031	68107	Zinc	755.0161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11033	68107	Zinc	293.7291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11034	68107	Zinc	339.2437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11035	68107	Zinc	327.5402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11036	68107	Zinc	410.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11037	68107	Zinc	283.2093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11038	68107	Zinc	633.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11039	68107	Zinc	198.4546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11040	68107	Zinc	278.5457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11041	68107	Zinc	486.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11042	68107	Zinc	320.349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11043	68107	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11044	68107	Zinc	195.8291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11045	68107	Zinc	408.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11046	68107	Zinc	212.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11047	68107	Zinc	214.4034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11048	68107	Zinc	429.3028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11050	68107	Zinc	1112.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
11051	68107	Zinc	430.0326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11052	68107	Zinc	501.9179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11053	68107	Zinc	433.7973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11054	68107	Zinc	117.5269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11055	68107	Zinc	564.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11056	68107	Zinc	404.4718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11057	68107	Zinc	227.3173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11058	68107	Zinc	402.8253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11059	68107	Zinc	383.6992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11061	68107	Zinc	167.9899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11062	68107	Zinc	369.5927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11063	68107	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11064	68107	Zinc	266.6731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11066	68107	Zinc	189.4478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11067	68107	Zinc	113.4418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11068	68107	Zinc	529.1074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11069	68107	Zinc	322.3515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11070	68107	Zinc	368.8273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11071	68107	Zinc	324.6032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11074	68107	Zinc	407.1418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11078	68107	Zinc	437.8379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11080	68107	Zinc	286.5023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11082	68107	Zinc	288.0331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11083	68107	Zinc	212.7569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11084	68107	Zinc	199.9053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11085	68107	Zinc	608.0148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11086	68107	Zinc	342.8215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11087	68107	Zinc	244.1458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11088	68107	Zinc	428.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11089	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11090	68107	Zinc	384.5892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11091	68107	Zinc	191.299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11092	68107	Zinc	529.588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11094	68107	Zinc	333.6723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11095	68107	Zinc	93.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
11096	68107	Zinc	505.825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11097	68107	Zinc	316.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11098	68107	Zinc	237.6947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11100	68107	Zinc	287.2232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11101	68107	Zinc	260.5232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11103	68107	Zinc	133.7071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11104	68107	Zinc	174.4246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11105	68107	Zinc	482.7384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11106	68107	Zinc	198.9797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11107	68107	Zinc	344.1743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11110	68107	Zinc	622.0056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11112	68107	Zinc	148.6947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11113	68107	Zinc	358.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11114	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11115	68107	Zinc	359.331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11116	68107	Zinc	207.4169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11118	68107	Zinc	621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11119	68107	Zinc	480.7982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11122	68107	Zinc	368.8629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11123	68107	Zinc	239.1187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11137	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11139	68107	Zinc	451.5172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11140	68107	Zinc	248.9799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11141	68107	Zinc	321.0788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11142	68107	Zinc	468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11143	68107	Zinc	155.1027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11144	68107	Zinc	278.8661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11145	68107	Zinc	285.6301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11146	68107	Zinc	100.4478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
11147	68107	Zinc	220.402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11148	68107	Zinc	177.3616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11149	68107	Zinc	155.3875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11150	68107	Zinc	529.321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11151	68107	Zinc	125.3767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11152	68107	Zinc	353.2523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11153	68107	Zinc	252.086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11154	68107	Zinc	296.2389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11155	68107	Zinc	177.1569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11156	68107	Zinc	207.2122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11157	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11158	68107	Zinc	141.3967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11159	68107	Zinc	367.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11160	68107	Zinc	220.1973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11162	68107	Zinc	351.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11163	68107	Zinc	161.7955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11165	68107	Zinc	127.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11166	68107	Zinc	132.3276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11167	68107	Zinc	355.6553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11168	68107	Zinc	172.0661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11169	68107	Zinc	403.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11170	68107	Zinc	304.4803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11171	68107	Zinc	293.6668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11172	68107	Zinc	202.5308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11173	68107	Zinc	992.833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
11174	68107	Zinc	194.3339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11177	68107	Zinc	289.6618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11178	68107	Zinc	217.5896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11179	68107	Zinc	176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11180	68107	Zinc	345.8564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11185	68107	Zinc	739.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11186	68107	Zinc	125.7683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11187	68107	Zinc	197.3421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11188	68107	Zinc	261.3598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11189	68107	Zinc	804.2509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
11190	68107	Zinc	222.6626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11191	68107	Zinc	328.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11192	68107	Zinc	451.1701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11193	68107	Zinc	282.5151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11194	68107	Zinc	337.2946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11195	68107	Zinc	231.7762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11196	68107	Zinc	881.3427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11197	68107	Zinc	439.9205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11198	68107	Zinc	131.6245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11200	68107	Zinc	699.1419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11202	68107	Zinc	307.2215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11203	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11204	68107	Zinc	350.8048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11205	68107	Zinc	201.7476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11206	68107	Zinc	294.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11208	68107	Zinc	171.5054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11209	68107	Zinc	272.378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11210	68107	Zinc	284.3129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11211	68107	Zinc	293.4977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11212	68107	Zinc	273.1612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11213	68107	Zinc	258.9568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11214	68107	Zinc	435.2836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11215	68107	Zinc	161.7955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11216	68107	Zinc	431.8037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11218	68107	Zinc	233.3515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11219	68107	Zinc	343.8717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11220	68107	Zinc	227.1482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11221	68107	Zinc	226.899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11222	68107	Zinc	461.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11223	68107	Zinc	253.2252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11224	68107	Zinc	404.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11225	68107	Zinc	223.339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11226	68107	Zinc	259.3217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11227	68107	Zinc	139.4565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11228	68107	Zinc	368.8807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11229	68107	Zinc	169.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11230	68107	Zinc	148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11231	68107	Zinc	488.9061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11232	68107	Zinc	111.6084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11233	68107	Zinc	119.9566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11234	68107	Zinc	189.7148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11235	68107	Zinc	298.0367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11236	68107	Zinc	237.9973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11237	68107	Zinc	253.0828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max					RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11250	68107	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11251	68107	Zinc	170.8646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11252	68107	Zinc	173.9262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11253	68107	Zinc	480.5223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11254	68107	Zinc	296.3368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11256	68107	Zinc	448.6158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11257	68107	Zinc	157.1052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11258	68107	Zinc	453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11260	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11261	68107	Zinc	404.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11262	68107	Zinc	123.6946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11263	68107	Zinc	239.8485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11264	68107	Zinc	240.1066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11265	68107	Zinc	148.3298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11267	68107	Zinc	284.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11268	68107	Zinc	259.7133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11269	68107	Zinc	580.051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11270	68107	Zinc	199.4336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11272	68107	Zinc	368.1509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11273	68107	Zinc	237.5256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11275	68107	Zinc	1725.837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
11276	68107	Zinc	254.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11277	68107	Zinc	385.2834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11278	68107	Zinc	545.7771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11279	68107	Zinc	219.5298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11282	68107	Zinc	171.9059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11283	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11285	68107	Zinc	518.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11286	68107	Zinc	244.1472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11287	68107	Zinc	200.4393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11288	68107	Zinc	292.3229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11289	68107	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11291	68107	Zinc	423.7848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11293	68107	Zinc	332.1415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11294	68107	Zinc	216.397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11296	68107	Zinc	253.2697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11297	68107	Zinc	279.7917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11298	68107	Zinc	410.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11299	68107	Zinc	249.7631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11300	68107	Zinc	328.626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11301	68107	Zinc	402.6028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11302	68107	Zinc	504.1607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11303	68107	Zinc	314.2525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11305	68107	Zinc	395.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11306	68107	Zinc	502.1048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11308	68107	Zinc	252.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11309	68107	Zinc	580.0421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11311	68107	Zinc	406.9193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11312	68107	Zinc	195.7045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11313	68107	Zinc	371.2659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11314	68107	Zinc	382.8003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11315	68107	Zinc	351.3299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11316	68107	Zinc	899.4987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11317	68107	Zinc	205.6458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11318	68107	Zinc	160.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11319	68107	Zinc	274.425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11321	68107	Zinc	192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11322	68107	Zinc	170.9536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11323	68107	Zinc	678.485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11324	68107	Zinc	523.4114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11326	68107	Zinc	426.2145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11327	68107	Zinc	312.0453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11329	68107	Zinc	389.9025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11330	68107	Zinc	183.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11331	68107	Zinc	455.2196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11332	68107	Zinc	490.5437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11333	68107	Zinc	271.2922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11334	68107	Zinc	315.2671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11335	68107	Zinc	504.9261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11336	68107	Zinc	625.5834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11337	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11338	68107	Zinc	230.3255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11339	68107	Zinc	147.7602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11340	68107	Zinc	535.4086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11341	68107	Zinc	235.4964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11342	68107	Zinc	245.2775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11343	68107	Zinc	288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11345	68107	Zinc	548.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11346	68107	Zinc	335.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11347	68107	Zinc	209.1168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11348	68107	Zinc	290.8099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11349	68107	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11350	68107	Zinc	350.8938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11352	68107	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11354	68107	Zinc	218.1058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11355	68107	Zinc	199.8341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11356	68107	Zinc	155.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11357	68107	Zinc	370.0377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11372	68107	Zinc	1322.667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
11373	68107	Zinc	569.5846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11374	68107	Zinc	168.2836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11376	68107	Zinc	115.0616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11377	68107	Zinc	1274.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
11378	68107	Zinc	251.7211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11380	68107	Zinc	130.6989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11381	68107	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11382	68107	Zinc	233.6719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11384	68107	Zinc	161.6442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11385	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11386	68107	Zinc	149.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11387	68107	Zinc	122.8224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11388	68107	Zinc	285.3275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11389	68107	Zinc	272.0843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11390	68107	Zinc	189.3321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11391	68107	Zinc	250.5463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11392	68107	Zinc	292.9637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11393	68107	Zinc	169.3516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11395	68107	Zinc	161.2971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11396	68107	Zinc	152.317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11397	68107	Zinc	599.9781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11398	68107	Zinc	298.8733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11399	68107	Zinc	386.6451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11400	68107	Zinc	549.4261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11401	68107	Zinc	100.5813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
11402	68107	Zinc	193.1858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11403	68107	Zinc	229.5868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11404	68107	Zinc	267.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11405	68107	Zinc	269.3965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11407	68107	Zinc	255.0497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11408	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11409	68107	Zinc	108.2976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11410	68107	Zinc	213.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11411	68107	Zinc	122.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11413	68107	Zinc	184.3392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11414	68107	Zinc	365.9971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11415	68107	Zinc	249.4071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11416	68107	Zinc	534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11417	68107	Zinc	179.907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11418	68107	Zinc	531.1544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11419	68107	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11420	68107	Zinc	367.6169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11421	68107	Zinc	300.6711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11422	68107	Zinc	570.2788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11423	68107	Zinc	238.6025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11424	68107	Zinc	218.4084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11425	68107	Zinc	797.6204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
11426	68107	Zinc	449.9508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11427	68107	Zinc	495.6701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11428	68107	Zinc	356.8657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11429	68107	Zinc	315.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11430	68107	Zinc	376.8729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11431	68107	Zinc	238.8072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11433	68107	Zinc	152.7175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11434	68107	Zinc	113.0324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11435	68107	Zinc	232.9065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11436	68107	Zinc	328.8129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11437	68107	Zinc	221.6391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11439	68107	Zinc	575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11440	68107	Zinc	371.5552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11441	68107	Zinc	227.4686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11442	68107	Zinc	297.6006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11443	68107	Zinc	456.8661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11444	68107	Zinc	562.9719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11445	68107	Zinc	478.9292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11446	68107	Zinc	387.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11447	68107	Zinc	386.5739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11448	68107	Zinc	173.4456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11449	68107	Zinc	414.867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11450	68107	Zinc	210.1492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11451	68107	Zinc	390.4899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11452	68107	Zinc	240.3825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11453	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11455	68107	Zinc	296.9153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11456	68107	Zinc	256.4648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11457	68107	Zinc	306.3315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11458	68107	Zinc	407.4711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11460	68107	Zinc	542.3506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11461	68107	Zinc	589.9211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11462	68107	Zinc	174.7272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11463	68107	Zinc	372.7077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11464	68107	Zinc	180.5923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11465	68107	Zinc	444.2637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11468	68107	Zinc	272.9031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11469	68107	Zinc	467.2257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11471	68107	Zinc	273.3303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11472	68107	Zinc	496.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11484	68107	Zinc	79.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
11485	68107	Zinc	169.9123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11486	68107	Zinc	230.2543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11489	68107	Zinc	383.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11490	68107	Zinc	449.4435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11491	68107	Zinc	254.2309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11492	68107	Zinc	255.4858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11493	68107	Zinc	1210.883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
11494	68107	Zinc	381.7056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11496	68107	Zinc	130.9214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11498	68107	Zinc	355.7799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11499	68107	Zinc	125.6704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11500	68107	Zinc	171.9504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11501	68107	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11502	68107	Zinc	193.5062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11503	68107	Zinc	498.5448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11504	68107	Zinc	396.0702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11505	68107	Zinc	164.3142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11506	68107	Zinc	389.1371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11508	68107	Zinc	519.9849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11510	68107	Zinc	127.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11512	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11514	68107	Zinc	209.6953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11515	68107	Zinc	371.7109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11516	68107	Zinc	464.0395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11517	68107	Zinc	808.2648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
11518	68107	Zinc	340.6232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11519	68107	Zinc	251.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11520	68107	Zinc	142.9987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11521	68107	Zinc	207.7551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11522	68107	Zinc	280.8864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11523	68107	Zinc	527.6389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11525	68107	Zinc	156.945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11526	68107	Zinc	447.7436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11527	68107	Zinc	202.8957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11529	68107	Zinc	262.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11530	68107	Zinc	168.0166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11531	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11533	68107	Zinc	301.3119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11534	68107	Zinc	3511.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
11535	68107	Zinc	435.9689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11536	68107	Zinc	383.984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11538	68107	Zinc	324.6032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11539	68107	Zinc	1165.137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
11540	68107	Zinc	250.5196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11541	68107	Zinc	237.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11542	68107	Zinc	120.2503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11544	68107	Zinc	400.716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11546	68107	Zinc	191.6105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11547	68107	Zinc	416.4245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11548	68107	Zinc	230.8595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11550	68107	Zinc	440.8906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11552	68107	Zinc	288.3446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11554	68107	Zinc	381.2606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11556	68107	Zinc	182.7461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11557	68107	Zinc	187.4809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11558	68107	Zinc	238.3889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11559	68107	Zinc	230.0407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11560	68107	Zinc	218.3016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11561	68107	Zinc	352.6115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11563	68107	Zinc	412.286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11564	68107	Zinc	256.8831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11565	68107	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11566	68107	Zinc	301.6145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11568	68107	Zinc	819.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
11569	68107	Zinc	324.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11570	68107	Zinc	872.7186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11571	68107	Zinc	450.3335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11572	68107	Zinc	594.469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11573	68107	Zinc	243.275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11574	68107	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11575	68107	Zinc	323.8111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11576	68107	Zinc	201.1068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11577	68107	Zinc	215.9876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11578	68107	Zinc	386.7519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11579	68107	Zinc	230.6192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11581	68107	Zinc	333.4943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11582	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11583	68107	Zinc	296.9331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11584	68107	Zinc	432.7471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11585	68107	Zinc	172.342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11586	68107	Zinc	298.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11587	68107	Zinc	172.8938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11588	68107	Zinc	119.9566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11589	68107	Zinc	321.5327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11590	68107	Zinc	455.1039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11591	68107	Zinc	315.899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11592	68107	Zinc	440.2943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11605	68107	Zinc	392.617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11606	68107	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11607	68107	Zinc	360.9597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11608	68107	Zinc	402.3269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11609	68107	Zinc	207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11610	68107	Zinc	205.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11611	68107	Zinc	163.6645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11613	68107	Zinc	347.0935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11614	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11615	68107	Zinc	280.388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11616	68107	Zinc	233.3159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11619	68107	Zinc	216.2368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11620	68107	Zinc	215.6494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11621	68107	Zinc	192.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11622	68107	Zinc	172.1907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11623	68107	Zinc	464.4845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11625	68107	Zinc	223.873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11626	68107	Zinc	186.7511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11627	68107	Zinc	757.9976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11629	68107	Zinc	225.0745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11630	68107	Zinc	225.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11632	68107	Zinc	274.4695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11633	68107	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11634	68107	Zinc	142.9097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11636	68107	Zinc	361.2979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11637	68107	Zinc	390.4632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11638	68107	Zinc	212.6857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11639	68107	Zinc	1184.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
11640	68107	Zinc	446.7201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11641	68107	Zinc	222.2621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11642	68107	Zinc	394.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11643	68107	Zinc	257.426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11644	68107	Zinc	296.3279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11645	68107	Zinc	96.0779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
11646	68107	Zinc	443.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11647	68107	Zinc	288.8875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11648	68107	Zinc	182.9686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11649	68107	Zinc	441.211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11652	68107	Zinc	142.4736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11653	68107	Zinc	325.4576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11655	68107	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11658	68107	Zinc	283.7967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11659	68107	Zinc	202.5041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11660	68107	Zinc	393.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11661	68107	Zinc	249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11662	68107	Zinc	470.2339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11663	68107	Zinc	177.1569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11664	68107	Zinc	543.6233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11665	68107	Zinc	180.1206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11666	68107	Zinc	280.9042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11668	68107	Zinc	295.3133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11671	68107	Zinc	239.4925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11674	68107	Zinc	715.9095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11675	68107	Zinc	197.8672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11676	68107	Zinc	244.076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11677	68107	Zinc	160.149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11678	68107	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11680	68107	Zinc	598.5007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11682	68107	Zinc	362.713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11684	68107	Zinc	209.6864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11686	68107	Zinc	187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11687	68107	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11689	68107	Zinc	460.3193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11690	68107	Zinc	163.798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11691	68107	Zinc	380.7622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11692	68107	Zinc	235.2917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11693	68107	Zinc	551.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11695	68107	Zinc	396.177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11696	68107	Zinc	333.4854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11697	68107	Zinc	258.1291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11698	68107	Zinc	553.2976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11699	68107	Zinc	357.551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11700	68107	Zinc	348.6599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11701	68107	Zinc	266.4417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11703	68107	Zinc	240.8809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11705	68107	Zinc	261.4666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11706	68107	Zinc	409.4736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11707	68107	Zinc	401.5437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11708	68107	Zinc	449.1409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11710	68107	Zinc	168.2925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11711	68107	Zinc	338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11712	68107	Zinc	226.6409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11713	68107	Zinc	248.0899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11714	68107	Zinc	397.1382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11716	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11717	68107	Zinc	526.7311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11718	68107	Zinc	449.5681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11719	68107	Zinc	274.6386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11731	68107	Zinc	344.9931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11732	68107	Zinc	299.9235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11734	68107	Zinc	472.3788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11737	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11738	68107	Zinc	437.4552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11739	68107	Zinc	226.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11740	68107	Zinc	489.2621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11741	68107	Zinc	264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11744	68107	Zinc	511.3074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11745	68107	Zinc	97.9469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
11746	68107	Zinc	609.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11747	68107	Zinc	166.9219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11748	68107	Zinc	367.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11749	68107	Zinc	255.9308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11750	68107	Zinc	125.6704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11751	68107	Zinc	362.8732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11753	68107	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11754	68107	Zinc	311.3333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11755	68107	Zinc	679.0813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11756	68107	Zinc	562.8206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
11757	68107	Zinc	482.4803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11758	68107	Zinc	224.3269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11760	68107	Zinc	145.4373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11761	68107	Zinc	394.0588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11763	68107	Zinc	192.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11764	68107	Zinc	353.5727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11765	68107	Zinc	127.5216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11767	68107	Zinc	279.0441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11768	68107	Zinc	221.3899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11769	68107	Zinc	129.1681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11770	68107	Zinc	104.8088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
11771	68107	Zinc	216.1656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11773	68107	Zinc	285.8259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11774	68107	Zinc	197.7871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11775	68107	Zinc	441.3089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11776	68107	Zinc	263.3445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11777	68107	Zinc	898.3595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11778	68107	Zinc	377.3802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11779	68107	Zinc	316.4152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11780	68107	Zinc	464.2353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11781	68107	Zinc	184.3837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11782	68107	Zinc	290.1157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11785	68107	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11786	68107	Zinc	424.3366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11787	68107	Zinc	144.129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11788	68107	Zinc	287.5703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11791	68107	Zinc	216.4148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11792	68107	Zinc	364.7689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11793	68107	Zinc	319.8417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11795	68107	Zinc	645.466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11796	68107	Zinc	1057.447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
11797	68107	Zinc	230.8951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11798	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11799	68107	Zinc	492.5106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11800	68107	Zinc	334.8471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11802	68107	Zinc	284.8113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11803	68107	Zinc	231.1265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11804	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11805	68107	Zinc	501.1436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11806	68107	Zinc	476.4283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11807	68107	Zinc	430.531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11808	68107	Zinc	354.9967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11809	68107	Zinc	294.2275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11812	68107	Zinc	232.7641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11813	68107	Zinc	307.2571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11814	68107	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11815	68107	Zinc	727.257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11816	68107	Zinc	179.6311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11818	68107	Zinc	665.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11819	68107	Zinc	335.6837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11820	68107	Zinc	368.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11821	68107	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11822	68107	Zinc	346.5239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11823	68107	Zinc	402.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11824	68107	Zinc	430.0771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11825	68107	Zinc	453.5553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11826	68107	Zinc	303.0296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11827	68107	Zinc	137.9969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
11828	68107	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11829	68107	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11830	68107	Zinc	483.7797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11831	68107	Zinc	505.9496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11833	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11835	68107	Zinc	486.7523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11836	68107	Zinc	125.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11837	68107	Zinc	321.6929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11839	68107	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11840	68107	Zinc	512.9272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11854	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11855	68107	Zinc	472.4233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11858	68107	Zinc	207.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11859	68107	Zinc	364.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11861	68107	Zinc	341.9404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11862	68107	Zinc	204.0972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11865	68107	Zinc	488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11867	68107	Zinc	227.0859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11868	68107	Zinc	269.5745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11869	68107	Zinc	296.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11871	68107	Zinc	315.543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11872	68107	Zinc	170.2772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11875	68107	Zinc	374.0427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11876	68107	Zinc	385.1232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11877	68107	Zinc	850.4508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11880	68107	Zinc	205.2186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11884	68107	Zinc	437.1615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11886	68107	Zinc	615.028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11887	68107	Zinc	441.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11888	68107	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11889	68107	Zinc	314.1813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11890	68107	Zinc	190.0619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11892	68107	Zinc	217.821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11893	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11894	68107	Zinc	198.5792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11895	68107	Zinc	314.0122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11896	68107	Zinc	201.9256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11897	68107	Zinc	302.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11898	68107	Zinc	177.9668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11900	68107	Zinc	121.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11901	68107	Zinc	497.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11902	68107	Zinc	187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11903	68107	Zinc	329.2134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11904	68107	Zinc	257.6485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11905	68107	Zinc	111.7241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
11906	68107	Zinc	309.4109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11907	68107	Zinc	255.023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11909	68107	Zinc	206.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11910	68107	Zinc	185.3004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11913	68107	Zinc	520.8749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11914	68107	Zinc	283.8145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11915	68107	Zinc	302.905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11916	68107	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11918	68107	Zinc	316.6377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11919	68107	Zinc	514.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11920	68107	Zinc	303.2165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11921	68107	Zinc	314.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11922	68107	Zinc	223.0898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11923	68107	Zinc	298.0367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11924	68107	Zinc	143.8976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
11925	68107	Zinc	275.9825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11926	68107	Zinc	244.7168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11927	68107	Zinc	460.9423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11928	68107	Zinc	412.7844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11929	68107	Zinc	227.3885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11930	68107	Zinc	240.0977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11931	68107	Zinc	189.786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11932	68107	Zinc	309.1884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11935	68107	Zinc	162.3117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
11936	68107	Zinc	262.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11937	68107	Zinc	358.2274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11939	68107	Zinc	172.3509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11941	68107	Zinc	381.6967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11945	68107	Zinc	439.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11946	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
11947	68107	Zinc	394.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11948	68107	Zinc	2095.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
11949	68107	Zinc	541.2025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11950	68107	Zinc	503.9738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11951	68107	Zinc	883.9326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
11952	68107	Zinc	443.2313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11953	68107	Zinc	180.1295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
11955	68107	Zinc	290.0801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11956	68107	Zinc	207.586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
11958	68107	Zinc	264.7685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11959	68107	Zinc	211.502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
11960	68107	Zinc	463.3364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11961	68107	Zinc	350.698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11962	68107	Zinc	807.1968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
11964	68107	Zinc	284.3218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11965	68107	Zinc	230.2009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11966	68107	Zinc	446.8803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11967	68107	Zinc	187.1338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
11968	68107	Zinc	347.1202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
11970	68107	Zinc	300.3774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11971	68107	Zinc	621.0355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
11973	68107	Zinc	266.0145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11975	68107	Zinc	319.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max					RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
11993	68107	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11994	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11995	68107	Zinc	433.5125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
11996	68107	Zinc	1947.269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
11997	68107	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11998	68107	Zinc	121.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
11999	68107	Zinc	276.2673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12000	68107	Zinc	303.4568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12002	68107	Zinc	310	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12003	68107	Zinc	220.2329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12004	68107	Zinc	131.3575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12005	68107	Zinc	164.6791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12006	68107	Zinc	141.1386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12007	68107	Zinc	483.5928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12008	68107	Zinc	757.2678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12009	68107	Zinc	382.3375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12012	68107	Zinc	268.8269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12014	68107	Zinc	390.0894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12015	68107	Zinc	353.1989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12016	68107	Zinc	467.0388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12017	68107	Zinc	540.1434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12018	68107	Zinc	146.1671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12019	68107	Zinc	237.8905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12020	68107	Zinc	237.0272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12021	68107	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12022	68107	Zinc	236.3241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12024	68107	Zinc	730.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12025	68107	Zinc	162.6143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12026	68107	Zinc	296.3012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12030	68107	Zinc	379.2225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12031	68107	Zinc	278.0117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12032	68107	Zinc	338.6652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12034	68107	Zinc	229.4978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12035	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12036	68107	Zinc	483.9221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12037	68107	Zinc	672.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12038	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12039	68107	Zinc	178.4652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12041	68107	Zinc	362.4994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12042	68107	Zinc	440.3922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12043	68107	Zinc	238.1308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12044	68107	Zinc	195.1705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12047	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12048	68107	Zinc	654.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12049	68107	Zinc	203.403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12050	68107	Zinc	152.139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12051	68107	Zinc	292.0203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12052	68107	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12053	68107	Zinc	587.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12054	68107	Zinc	239.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12055	68107	Zinc	202.5486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12056	68107	Zinc	429.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12057	68107	Zinc	391.8694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12058	68107	Zinc	250.1814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12059	68107	Zinc	327.6737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12060	68107	Zinc	308.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12061	68107	Zinc	174.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12062	68107	Zinc	183.022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12067	68107	Zinc	266.8956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12068	68107	Zinc	278.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12071	68107	Zinc	469.3439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12074	68107	Zinc	185.4072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12075	68107	Zinc	226.3116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12076	68107	Zinc	200.9555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12077	68107	Zinc	391.905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12078	68107	Zinc	170.5887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12080	68107	Zinc	212.5789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12081	68107	Zinc	452.7187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12082	68107	Zinc	291.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12084	68107	Zinc	210.7277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12085	68107	Zinc	196.5589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12086	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12087	68107	Zinc	210.0068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12088	68107	Zinc	133.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12090	68107	Zinc	284.3307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12091	68107	Zinc	360.6037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12092	68107	Zinc	220.9716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12093	68107	Zinc	433.9041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12094	68107	Zinc	440.6414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12095	68107	Zinc	407.4889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12096	68107	Zinc	90.3819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
12098	68107	Zinc	174.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12099	68107	Zinc	237.8638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12102	68107	Zinc	303.4479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12103	68107	Zinc	203.0025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12104	68107	Zinc	205.2453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12105	68107	Zinc	266.5218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12106	68107	Zinc	258.583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12119	68107	Zinc	155.3519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12121	68107	Zinc	302.7448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12122	68107	Zinc	167.1444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12124	68107	Zinc	236.4487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12125	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12126	68107	Zinc	248.6862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12127	68107	Zinc	338.3982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12129	68107	Zinc	1543.031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
12131	68107	Zinc	149.7894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12132	68107	Zinc	206.6337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12133	68107	Zinc	212.214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12134	68107	Zinc	265.703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12135	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12136	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12137	68107	Zinc	154.7645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12138	68107	Zinc	130.8146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12139	68107	Zinc	330.2903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12141	68107	Zinc	903.9843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
12142	68107	Zinc	503.333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12143	68107	Zinc	148.0183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12144	68107	Zinc	335.3811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12146	68107	Zinc	282.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12147	68107	Zinc	366.9672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12148	68107	Zinc	258.7165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12149	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12151	68107	Zinc	405.1037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12152	68107	Zinc	253.2608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12153	68107	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12155	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12156	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12158	68107	Zinc	361.0487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12159	68107	Zinc	1196.287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
12162	68107	Zinc	430.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12164	68107	Zinc	280.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12165	68107	Zinc	554.7839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12166	68107	Zinc	387.3482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12167	68107	Zinc	261.342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12168	68107	Zinc	119.7252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
12169	68107	Zinc	653.2357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12170	68107	Zinc	188.9049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12171	68107	Zinc	217.8922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12172	68107	Zinc	352.1843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12173	68107	Zinc	347.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12175	68107	Zinc	293.7113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12178	68107	Zinc	448.7582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12179	68107	Zinc	325.5644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12180	68107	Zinc	320.9631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12181	68107	Zinc	259.5353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12182	68107	Zinc	373.3663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12184	68107	Zinc	282.7198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12186	68107	Zinc	180.5122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12187	68107	Zinc	693.9532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12190	68107	Zinc	267.2516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12191	68107	Zinc	305.6996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12192	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12194	68107	Zinc	388.2916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12195	68107	Zinc	304.5871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12197	68107	Zinc	231.8118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12198	68107	Zinc	150.5103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12199	68107	Zinc	174.745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12200	68107	Zinc	122.7586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12202	68107	Zinc	385.7551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12205	68107	Zinc	334.0995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12206	68107	Zinc	348.4285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12209	68107	Zinc	162.9436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12211	68107	Zinc	261.5912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12214	68107	Zinc	199.9053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12215	68107	Zinc	348.651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12217	68107	Zinc	287.9174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12218	68107	Zinc	300.5465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12220	68107	Zinc	262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12221	68107	Zinc	246.5858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12222	68107	Zinc	240.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12223	68107	Zinc	356.6877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12224	68107	Zinc	183.1021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12226	68107	Zinc	263.5136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12227	68107	Zinc	240	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12228	68107	Zinc	363.781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12231	68107	Zinc	345.6962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12232	68107	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12233	68107	Zinc	376.8907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12234	68107	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12238	68107	Zinc	206.8028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12239	68107	Zinc	433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12240	68107	Zinc	193.3727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12242	68107	Zinc	650.5123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12243	68107	Zinc	285.0249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12245	68107	Zinc	215.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12262	68107	Zinc	499.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12263	68107	Zinc	205.005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12264	68107	Zinc	148.6591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12265	68107	Zinc	257.1234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12266	68107	Zinc	197.2531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12268	68107	Zinc	469.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12269	68107	Zinc	357.6756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12270	68107	Zinc	505.2287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12271	68107	Zinc	267.0558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12272	68107	Zinc	200.466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12273	68107	Zinc	467.911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12275	68107	Zinc	151.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12277	68107	Zinc	294.8594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12278	68107	Zinc	127.397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12279	68107	Zinc	269.1384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12280	68107	Zinc	185.7009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12281	68107	Zinc	349.0248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12282	68107	Zinc	191.0142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12283	68107	Zinc	158.547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12285	68107	Zinc	228.6701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12286	68107	Zinc	137.1336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12288	68107	Zinc	194.5208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12289	68107	Zinc	173.2676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12290	68107	Zinc	322.0845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12291	68107	Zinc	277.4243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12292	68107	Zinc	197.6091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12294	68107	Zinc	319.4056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12295	68107	Zinc	282.8978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12296	68107	Zinc	411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12297	68107	Zinc	363.6208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12298	68107	Zinc	224.2201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12300	68107	Zinc	156.1351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12301	68107	Zinc	562.2065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12303	68107	Zinc	313.3447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12304	68107	Zinc	226.009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12305	68107	Zinc	222.6804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12306	68107	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12307	68107	Zinc	388.5141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12308	68107	Zinc	276.3207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12310	68107	Zinc	221.2564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12311	68107	Zinc	279.142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12312	68107	Zinc	174.389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12313	68107	Zinc	183.7251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12315	68107	Zinc	207.3813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12316	68107	Zinc	630.5496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12318	68107	Zinc	174.6204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12319	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12320	68107	Zinc	334.0995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12323	68107	Zinc	603.0575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12324	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12327	68107	Zinc	231.794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12330	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12331	68107	Zinc	592.1906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12333	68107	Zinc	326.9172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12334	68107	Zinc	464.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12335	68107	Zinc	236.5377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12336	68107	Zinc	204.2218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12338	68107	Zinc	145.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12339	68107	Zinc	453.7511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12341	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12342	68107	Zinc	152.5489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12343	68107	Zinc	109.7216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
12344	68107	Zinc	271.1409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12345	68107	Zinc	279.4624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12346	68107	Zinc	154.9069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12350	68107	Zinc	166.0586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12351	68107	Zinc	302.1396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12354	68107	Zinc	818.3663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
12355	68107	Zinc	504.9261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12356	68107	Zinc	217.2692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12358	68107	Zinc	140.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12360	68107	Zinc	308.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12362	68107	Zinc	221.1763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12363	68107	Zinc	714.3965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12364	68107	Zinc	805.4524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
12365	68107	Zinc	235.4697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12366	68107	Zinc	144.3426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12371	68107	Zinc	188.4688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12372	68107	Zinc	407.8538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12374	68107	Zinc	167.0821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12376	68107	Zinc	301.6501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12377	68107	Zinc	357.7468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12378	68107	Zinc	133.1464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12380	68107	Zinc	216.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12383	68107	Zinc	332.5598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12385	68107	Zinc	423.8204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12386	68107	Zinc	240.7474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12387	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12401	68107	Zinc	264.0565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12403	68107	Zinc	992.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
12404	68107	Zinc	500.9389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12405	68107	Zinc	183.8853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12407	68107	Zinc	225.2258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12410	68107	Zinc	257.3993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12411	68107	Zinc	536.619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12414	68107	Zinc	558.2549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12418	68107	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12419	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12420	68107	Zinc	273.0366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12421	68107	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12422	68107	Zinc	186.1904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12424	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12425	68107	Zinc	157.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12426	68107	Zinc	319.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12428	68107	Zinc	464.7871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12429	68107	Zinc	2216.761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
12430	68107	Zinc	434.7763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12431	68107	Zinc	471.115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12432	68107	Zinc	326.6413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12433	68107	Zinc	1440.147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
12437	68107	Zinc	266.7176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12439	68107	Zinc	311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12440	68107	Zinc	354.525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12442	68107	Zinc	466.5315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12443	68107	Zinc	212.1873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12444	68107	Zinc	395.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12445	68107	Zinc	352.2555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12446	68107	Zinc	278.7771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12448	68107	Zinc	209.2147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12449	68107	Zinc	331.9991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12452	68107	Zinc	476.6419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12453	68107	Zinc	259.5976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12456	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12457	68107	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12458	68107	Zinc	212.2496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12459	68107	Zinc	300.3774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12460	68107	Zinc	364.4218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12461	68107	Zinc	376.6682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12462	68107	Zinc	532.9077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12464	68107	Zinc	389.5287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12465	68107	Zinc	722.5222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12466	68107	Zinc	381.1093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12469	68107	Zinc	309.8025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12470	68107	Zinc	199.3802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12471	68107	Zinc	361.9298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12472	68107	Zinc	353.3413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12473	68107	Zinc	267.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12474	68107	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12477	68107	Zinc	236.8047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12478	68107	Zinc	170.3662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12479	68107	Zinc	237.8549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12480	68107	Zinc	540.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12481	68107	Zinc	455.1217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12482	68107	Zinc	457.7739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12483	68107	Zinc	366.4955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12484	68107	Zinc	311.4846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12485	68107	Zinc	300.5376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12486	68107	Zinc	290.3115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12487	68107	Zinc	155.5566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12489	68107	Zinc	516.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12490	68107	Zinc	293.382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12491	68107	Zinc	356.5364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12493	68107	Zinc	381.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12494	68107	Zinc	324.4786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12496	68107	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12497	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12498	68107	Zinc	176.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12499	68107	Zinc	253.9817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12500	68107	Zinc	361.9743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12501	68107	Zinc	376.063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12502	68107	Zinc	328.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12505	68107	Zinc	265.6941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12506	68107	Zinc	386.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12510	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12514	68107	Zinc	183.4225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12515	68107	Zinc	270.5001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12516	68107	Zinc	681.9382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12517	68107	Zinc	899.5521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
12518	68107	Zinc	352.6916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12519	68107	Zinc	291.2549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12520	68107	Zinc	211.6266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12521	68107	Zinc	248.6684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12522	68107	Zinc	268.3819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12524	68107	Zinc	618.5791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12526	68107	Zinc	377.6472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12527	68107	Zinc	178.305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12546	68107	Zinc	213.4511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12547	68107	Zinc	270.1352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12548	68107	Zinc	389.7779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12549	68107	Zinc	177.3171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12550	68107	Zinc	450.0576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12551	68107	Zinc	250.9379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12554	68107	Zinc	247.6271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12555	68107	Zinc	247.2444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12556	68107	Zinc	253.777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12558	68107	Zinc	365.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12559	68107	Zinc	344.1743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12560	68107	Zinc	577.559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12561	68107	Zinc	346.248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12564	68107	Zinc	373.3841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12565	68107	Zinc	252.4687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12566	68107	Zinc	214.1453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12567	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12569	68107	Zinc	259.4908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12572	68107	Zinc	731.9651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12573	68107	Zinc	476.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12574	68107	Zinc	354.7831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12575	68107	Zinc	318.7292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12577	68107	Zinc	617.4221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12579	68107	Zinc	377.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12580	68107	Zinc	238.8606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12581	68107	Zinc	203.848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12582	68107	Zinc	232.2568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12583	68107	Zinc	336.8496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12584	68107	Zinc	124.9762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12585	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12586	68107	Zinc	391.2019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12588	68107	Zinc	383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12589	68107	Zinc	382.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12590	68107	Zinc	446.8091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12593	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12594	68107	Zinc	577.1318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12595	68107	Zinc	309.4376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12599	68107	Zinc	163.6734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12600	68107	Zinc	143.0165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12602	68107	Zinc	131.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12603	68107	Zinc	125.1809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
12604	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12605	68107	Zinc	114.2784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
12606	68107	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12609	68107	Zinc	251.7211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12610	68107	Zinc	496.6313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12611	68107	Zinc	150.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
12612	68107	Zinc	265.9077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12613	68107	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12614	68107	Zinc	235.0247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12615	68107	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12617	68107	Zinc	249.9856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12618	68107	Zinc	505.2643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12623	68107	Zinc	255.023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12624	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12625	68107	Zinc	421.0703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12626	68107	Zinc	235.8969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12627	68107	Zinc	318.1774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12628	68107	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12632	68107	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12639	68107	Zinc	334.1351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12644	68107	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12645	68107	Zinc	505.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12647	68107	Zinc	208.9833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12648	68107	Zinc	485.5241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12649	68107	Zinc	298.6508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12652	68107	Zinc	272.0309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12653	68107	Zinc	236.7424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12654	68107	Zinc	488.381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12655	68107	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12656	68107	Zinc	627.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12657	68107	Zinc	400.3333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12659	68107	Zinc	537.598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12661	68107	Zinc	204.738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12663	68107	Zinc	445.1893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12665	68107	Zinc	306.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12666	68107	Zinc	392.1453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12667	68107	Zinc	445.8746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12668	68107	Zinc	500.574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12670	68107	Zinc	480.7359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12671	68107	Zinc	310.7459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12674	68107	Zinc	570.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12676	68107	Zinc	542.048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12677	68107	Zinc	374.6924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12678	68107	Zinc	313.4515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12679	68107	Zinc	192.011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12682	68107	Zinc	166.9575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12684	68107	Zinc	198.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12707	68107	Zinc	252.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12709	68107	Zinc	267.2071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12710	68107	Zinc	457.1687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12711	68107	Zinc	256.9543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12713	68107	Zinc	713.0348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12714	68107	Zinc	186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12716	68107	Zinc	250.1903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12718	68107	Zinc	171.8347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12721	68107	Zinc	558.9758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12723	68107	Zinc	492.0834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12725	68107	Zinc	327.9941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12726	68107	Zinc	182.9063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12727	68107	Zinc	202.3884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12729	68107	Zinc	259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12732	68107	Zinc	190.231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12733	68107	Zinc	457.5959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12735	68107	Zinc	327.6025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12736	68107	Zinc	409.0909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12737	68107	Zinc	329.7296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12738	68107	Zinc	320.1265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12739	68107	Zinc	420.5808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12740	68107	Zinc	902.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
12741	68107	Zinc	271.4613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12742	68107	Zinc	305.6017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12744	68107	Zinc	306.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12747	68107	Zinc	138.0681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12748	68107	Zinc	298.9178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12749	68107	Zinc	169.9479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12751	68107	Zinc	552.3631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12753	68107	Zinc	501.4195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12755	68107	Zinc	235.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12759	68107	Zinc	346.7998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12760	68107	Zinc	204.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12761	68107	Zinc	353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12764	68107	Zinc	319.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12766	68107	Zinc	413.9948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12769	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12772	68107	Zinc	277.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12774	68107	Zinc	162.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12783	68107	Zinc	648.1271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12785	68107	Zinc	242.4473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12787	68107	Zinc	211.2083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12789	68107	Zinc	381.9548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12791	68107	Zinc	364.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12792	68107	Zinc	437.918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12794	68107	Zinc	328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12796	68107	Zinc	434.4114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12798	68107	Zinc	369.4414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12800	68107	Zinc	401.428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12810	68107	Zinc	238.2287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12811	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12812	68107	Zinc	327.8873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12815	68107	Zinc	169.227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12818	68107	Zinc	219.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12820	68107	Zinc	808.7365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
12823	68107	Zinc	457.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12826	68107	Zinc	291.4863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12827	68107	Zinc	206.7583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12830	68107	Zinc	308.6366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12831	68107	Zinc	271.6749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12833	68107	Zinc	484.5807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12834	68107	Zinc	562.3845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
12835	68107	Zinc	368.7294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12840	68107	Zinc	996.126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
12844	68107	Zinc	334.5623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12845	68107	Zinc	217.7053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12847	68107	Zinc	793.9892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
12848	68107	Zinc	378.4393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12850	68107	Zinc	336.8763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12851	68107	Zinc	279.0263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12856	68107	Zinc	286.2887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12858	68107	Zinc	204.2218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12865	68107	Zinc	265.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12870	68107	Zinc	359.0907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12871	68107	Zinc	488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12874	68107	Zinc	410.7908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12876	68107	Zinc	213.8071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
12877	68107	Zinc	323.5085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12879	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12884	68107	Zinc	167.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12885	68107	Zinc	313.3714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12888	68107	Zinc	331.2248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12891	68107	Zinc	299.4696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12893	68107	Zinc	205.984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12894	68107	Zinc	180.619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
12897	68107	Zinc	546.6671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12898	68107	Zinc	226.5163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12901	68107	Zinc	377.4781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12916	68107	Zinc	175.8753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12920	68107	Zinc	458.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12921	68107	Zinc	387.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12927	68107	Zinc	287.2855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12929	68107	Zinc	230.6637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12934	68107	Zinc	272.0042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12944	68107	Zinc	156.1618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
12948	68107	Zinc	253.0116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12951	68107	Zinc	437.5709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12954	68107	Zinc	262.5168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12959	68107	Zinc	171.8792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12970	68107	Zinc	246.1052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12979	68107	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12981	68107	Zinc	395.5362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12985	68107	Zinc	255.4591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12988	68107	Zinc	303.6793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12989	68107	Zinc	246.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12990	68107	Zinc	266.4862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12992	68107	Zinc	440.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12993	68107	Zinc	503.3953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12994	68107	Zinc	228.2874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12997	68107	Zinc	471.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12998	68107	Zinc	310.2564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13004	68107	Zinc	310.5946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13006	68107	Zinc	419.1657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13018	68107	Zinc	181.509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13021	68107	Zinc	240.6406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13022	68107	Zinc	252.8959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13024	68107	Zinc	1393.867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
13026	68107	Zinc	330.4861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13028	68107	Zinc	231.883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13037	68107	Zinc	368.5692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13038	68107	Zinc	400	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13039	68107	Zinc	412.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13040	68107	Zinc	619.5314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13042	68107	Zinc	443.2402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13043	68107	Zinc	279.2577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13044	68107	Zinc	474.6572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13045	68107	Zinc	261.5912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13051	68107	Zinc	324.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18847	68107	Zinc	221.1585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43664	68107	Zinc	135.7007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43665	68107	Zinc	165.8094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43666	68107	Zinc	184.6596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43667	68107	Zinc	236.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43668	68107	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43669	68107	Zinc	162.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43671	68107	Zinc	219.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43673	68107	Zinc	245.8471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43674	68107	Zinc	232.2568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43675	68107	Zinc	138.7623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43676	68107	Zinc	241.7353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43677	68107	Zinc	166.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43678	68107	Zinc	142.2422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43679	68107	Zinc	253.3053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43680	68107	Zinc	241.3882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43681	68107	Zinc	187.9615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43682	68107	Zinc	171.6389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43683	68107	Zinc	148.8727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43685	68107	Zinc	779.7403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
43686	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43687	68107	Zinc	176.347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43689	68107	Zinc	1144.133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
43690	68107	Zinc	229.7114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43691	68107	Zinc	120.6152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43692	68107	Zinc	328.8396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
43693	68107	Zinc	257.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43694	68107	Zinc	123.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43695	68107	Zinc	47.103425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
43696	68107	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43698	68107	Zinc	138.8513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43699	68107	Zinc	133.8139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43700	68107	Zinc	381.9904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43701	68107	Zinc	226.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43702	68107	Zinc	446.3552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43703	68107	Zinc	191.4414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43704	68107	Zinc	124.9584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43705	68107	Zinc	243.5598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43706	68107	Zinc	134.0809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43707	68107	Zinc	788.5157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
43708	68107	Zinc	134.4191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43709	68107	Zinc	214.7149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43710	68107	Zinc	235.3273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43711	68107	Zinc	195.037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43713	68107	Zinc	258.3605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43714	68107	Zinc	622.0946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43716	68107	Zinc	137.2404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43717	68107	Zinc	202.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
43730	68107	Zinc	262.2142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43731	68107	Zinc	336.8852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
43732	68107	Zinc	197.084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43733	68107	Zinc	136.653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43734	68107	Zinc	206.7939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43735	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43736	68107	Zinc	129.9513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43737	68107	Zinc	194.6454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43738	68107	Zinc	132.559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43739	68107	Zinc	214.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43740	68107	Zinc	328.181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43743	68107	Zinc	270.242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43744	68107	Zinc	105.9836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43745	68107	Zinc	166.8596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43746	68107	Zinc	220.4643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43747	68107	Zinc	165.2398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43748	68107	Zinc	471.3286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43749	68107	Zinc	681.5377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43750	68107	Zinc	447.7614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43752	68107	Zinc	174.567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43753	68107	Zinc	206.1798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43755	68107	Zinc	195.5532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43758	68107	Zinc	467.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43759	68107	Zinc	132.737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43760	68107	Zinc	504.8727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43761	68107	Zinc	487.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43762	68107	Zinc	368.1509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43764	68107	Zinc	231.4469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43765	68107	Zinc	380.2015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43766	68107	Zinc	471.3197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43768	68107	Zinc	244.4676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43769	68107	Zinc	177.593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43771	68107	Zinc	168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43772	68107	Zinc	166.7706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43773	68107	Zinc	178.6343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43774	68107	Zinc	191.8241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43775	68107	Zinc	472.2008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43777	68107	Zinc	200.822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43778	68107	Zinc	115.1773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43779	68107	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43781	68107	Zinc	150.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43782	68107	Zinc	98.3118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
43783	68107	Zinc	123.4365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43784	68107	Zinc	219.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43785	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43786	68107	Zinc	199.843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43787	68107	Zinc	124.3176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43789	68107	Zinc	349.8525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
43790	68107	Zinc	148.8905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43793	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43794	68107	Zinc	146.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43795	68107	Zinc	116.361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43796	68107	Zinc	108.5913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43797	68107	Zinc	127.2991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43798	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43799	68107	Zinc	162.819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43800	68107	Zinc	386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43802	68107	Zinc	130.9214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43803	68107	Zinc	247.6004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43805	68107	Zinc	115.293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43806	68107	Zinc	232.3197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43807	68107	Zinc	180.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43808	68107	Zinc	208.9655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43809	68107	Zinc	313.1845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43810	68107	Zinc	125.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43811	68107	Zinc	95.9622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
43812	68107	Zinc	457.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43813	68107	Zinc	153.2604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43815	68107	Zinc	163.3619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43816	68107	Zinc	267.1537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43817	68107	Zinc	229.9873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43818	68107	Zinc	530.3089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43819	68107	Zinc	384.4468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43820	68107	Zinc	222.6626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43822	68107	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43823	68107	Zinc	244.3786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43824	68107	Zinc	245.5445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43825	68107	Zinc	192.812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43826	68107	Zinc	205.4322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43827	68107	Zinc	185.0868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43828	68107	Zinc	264.2701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43829	68107	Zinc	423.5801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43830	68107	Zinc	215.151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43831	68107	Zinc	129.9424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43832	68107	Zinc	167.5182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43833	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43834	68107	Zinc	143.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43836	68107	Zinc	711.4862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
43853	68107	Zinc	395.6608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43854	68107	Zinc	545.6792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43855	68107	Zinc	278.6436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43856	68107	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43858	68107	Zinc	167.002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43859	68107	Zinc	144.1112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43860	68107	Zinc	365.7034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43861	68107	Zinc	90.551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
43862	68107	Zinc	164.1273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43863	68107	Zinc	512.1173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43865	68107	Zinc	148.2675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43866	68107	Zinc	235.8524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43869	68107	Zinc	89.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
43870	68107	Zinc	341.4865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
43871	68107	Zinc	105.2449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
43872	68107	Zinc	333.2362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
43874	68107	Zinc	308.957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43875	68107	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43876	68107	Zinc	368.3289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43878	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43880	68107	Zinc	294.806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43881	68107	Zinc	133.6359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43882	68107	Zinc	270.2687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43884	68107	Zinc	273.7931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43886	68107	Zinc	206.7138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43888	68107	Zinc	192.3848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43889	68107	Zinc	108.351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43890	68107	Zinc	117.0997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43891	68107	Zinc	283.503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43892	68107	Zinc	242.3049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43893	68107	Zinc	219.9659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43894	68107	Zinc	258.6275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43895	68107	Zinc	111.6885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43896	68107	Zinc	155.3608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43897	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43901	68107	Zinc	244.7346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43903	68107	Zinc	131.0193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43904	68107	Zinc	227.3084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43905	68107	Zinc	148.6502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43906	68107	Zinc	376.3834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43907	68107	Zinc	200.4838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43908	68107	Zinc	160.683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43909	68107	Zinc	156.9628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43910	68107	Zinc	1046.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
43911	68107	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43912	68107	Zinc	242.8033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43913	68107	Zinc	145.7221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43914	68107	Zinc	242.1714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43916	68107	Zinc	136.208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
43917	68107	Zinc	240.0176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43918	68107	Zinc	109.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43919	68107	Zinc	261.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43920	68107	Zinc	171.3363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43921	68107	Zinc	144.2091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43922	68107	Zinc	164.955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43924	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43925	68107	Zinc	250.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43926	68107	Zinc	122.947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43927	68107	Zinc	161.2081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43928	68107	Zinc	254.8183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43929	68107	Zinc	449.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43930	68107	Zinc	204.4799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43931	68107	Zinc	252.1839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43933	68107	Zinc	151.9699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43934	68107	Zinc	179.2128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43935	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43936	68107	Zinc	167.7852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43937	68107	Zinc	241.1301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43938	68107	Zinc	147.3775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43939	68107	Zinc	222.3244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43940	68107	Zinc	1164.781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
43942	68107	Zinc	243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43945	68107	Zinc	198.0897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43946	68107	Zinc	239.9909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43949	68107	Zinc	334.6958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
43950	68107	Zinc	356.1804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
43951	68107	Zinc	164.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43953	68107	Zinc	317.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43954	68107	Zinc	232.4259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43957	68107	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43958	68107	Zinc	176.8454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
43960	68107	Zinc	162.819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43961	68107	Zinc	117.429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43962	68107	Zinc	288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43963	68107	Zinc	280.6728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43964	68107	Zinc	144.1913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
43965	68107	Zinc	612.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43966	68107	Zinc	229.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
43979	68107	Zinc	122.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
43982	68107	Zinc	165.7293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43983	68107	Zinc	207.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
43984	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
43985	68107	Zinc	187.7479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
43986	68107	Zinc	154.987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43987	68107	Zinc	221.2653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43988	68107	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43989	68107	Zinc	657.837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
43991	68107	Zinc	212.3119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
43992	68107	Zinc	111.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
43993	68107	Zinc	270.2598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43994	68107	Zinc	252.442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43996	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
43998	68107	Zinc	242.6965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
43999	68107	Zinc	197.1552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44000	68107	Zinc	268.3819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44001	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44002	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44003	68107	Zinc	329.5872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44004	68107	Zinc	196.2118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44005	68107	Zinc	321.0076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44006	68107	Zinc	142.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44008	68107	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44010	68107	Zinc	231.2689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44011	68107	Zinc	284.2061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44013	68107	Zinc	196.7458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44014	68107	Zinc	220.758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44016	68107	Zinc	104.435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
44017	68107	Zinc	348.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44018	68107	Zinc	169.0401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44019	68107	Zinc	447.1473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44020	68107	Zinc	237.1518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44022	68107	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44023	68107	Zinc	118.1321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44024	68107	Zinc	163.2818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44025	68107	Zinc	256.6161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44026	68107	Zinc	258.0846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44028	68107	Zinc	352.2911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44029	68107	Zinc	148.0272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44031	68107	Zinc	210.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44032	68107	Zinc	143.0076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44033	68107	Zinc	330.8154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44034	68107	Zinc	149.1931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44035	68107	Zinc	175.4837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44037	68107	Zinc	280.2634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44039	68107	Zinc	140.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44040	68107	Zinc	311.0485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44041	68107	Zinc	161.3327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44042	68107	Zinc	322.3248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44044	68107	Zinc	209.7309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44046	68107	Zinc	302.8338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44047	68107	Zinc	183.4047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44048	68107	Zinc	121.7633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44049	68107	Zinc	223.3568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44050	68107	Zinc	143.0076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44052	68107	Zinc	171.3274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44053	68107	Zinc	142.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44055	68107	Zinc	112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44056	68107	Zinc	164.6079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44057	68107	Zinc	121.5586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44059	68107	Zinc	430.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44060	68107	Zinc	6180.109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-01	3E-02
44061	68107	Zinc	161.395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44062	68107	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44063	68107	Zinc	161.3238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44064	68107	Zinc	293.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44065	68107	Zinc	186.582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44066	68107	Zinc	185.3894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44067	68107	Zinc	176.9166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44068	68107	Zinc	161.8133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44069	68107	Zinc	292.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44070	68107	Zinc	235.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44072	68107	Zinc	264.7952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44073	68107	Zinc	262.7304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44074	68107	Zinc	148.4366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44075	68107	Zinc	151.249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44076	68107	Zinc	855.8442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
44077	68107	Zinc	120.7932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44079	68107	Zinc	162.463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44080	68107	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44081	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44082	68107	Zinc	170.1615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44083	68107	Zinc	182.4257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44084	68107	Zinc	289.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44085	68107	Zinc	239.626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44088	68107	Zinc	380.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44089	68107	Zinc	176.6496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44106	68107	Zinc	301.1428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44107	68107	Zinc	385.9242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44108	68107	Zinc	162.8457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44111	68107	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44112	68107	Zinc	464.6269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44113	68107	Zinc	205.5835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44114	68107	Zinc	307.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44115	68107	Zinc	352.7183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44116	68107	Zinc	542.5553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44117	68107	Zinc	218.4351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44118	68107	Zinc	164.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44119	68107	Zinc	111.2791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44120	68107	Zinc	339.1903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44123	68107	Zinc	297.3959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44124	68107	Zinc	304.774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44125	68107	Zinc	299.7455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44127	68107	Zinc	232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44128	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44129	68107	Zinc	282.1057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44130	68107	Zinc	202.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44131	68107	Zinc	1594.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
44132	68107	Zinc	308.8324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44133	68107	Zinc	130.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44134	68107	Zinc	283.0313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44135	68107	Zinc	217.0556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44137	68107	Zinc	394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44139	68107	Zinc	121.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44140	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44143	68107	Zinc	273.4015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44144	68107	Zinc	343.5157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44145	68107	Zinc	415.0628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44146	68107	Zinc	443.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44147	68107	Zinc	180.975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44148	68107	Zinc	461.6632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44150	68107	Zinc	331.2426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44151	68107	Zinc	240.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44152	68107	Zinc	90.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44153	68107	Zinc	188.4243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44155	68107	Zinc	135.5939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44156	68107	Zinc	177.0679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44157	68107	Zinc	205.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44158	68107	Zinc	179.3641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44160	68107	Zinc	196.3364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44161	68107	Zinc	215.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44162	68107	Zinc	247.9653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44163	68107	Zinc	428.7332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44164	68107	Zinc	199.131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44165	68107	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44166	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44167	68107	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44169	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44170	68107	Zinc	120.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44171	68107	Zinc	193.969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44173	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44174	68107	Zinc	137.7477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44176	68107	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44177	68107	Zinc	194.8056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44178	68107	Zinc	116.4055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44179	68107	Zinc	151.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44180	68107	Zinc	143.417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44181	68107	Zinc	182.5592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44182	68107	Zinc	145.7132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44183	68107	Zinc	174.2555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44184	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44185	68107	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44186	68107	Zinc	324.6922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44187	68107	Zinc	1183.649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
44188	68107	Zinc	162.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44194	68107	Zinc	362.4015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44196	68107	Zinc	179.4887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44197	68107	Zinc	198.9085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44198	68107	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44199	68107	Zinc	367.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44200	68107	Zinc	109.1431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44201	68107	Zinc	171.1405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44202	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44203	68107	Zinc	101.7917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
44205	68107	Zinc	238.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44208	68107	Zinc	174.8073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44210	68107	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44211	68107	Zinc	457.5425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44212	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44213	68107	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44214	68107	Zinc	261.7158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44217	68107	Zinc	112.2403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44219	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44220	68107	Zinc	148.8994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44221	68107	Zinc	261.3509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44236	68107	Zinc	129.7466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44237	68107	Zinc	128.8744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44239	68107	Zinc	116.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44240	68107	Zinc	150.0831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44241	68107	Zinc	134.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44244	68107	Zinc	215.1777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44245	68107	Zinc	192.8387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44246	68107	Zinc	175.3947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44248	68107	Zinc	242.8122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44250	68107	Zinc	273.0633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44251	68107	Zinc	147.5733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44252	68107	Zinc	377.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44253	68107	Zinc	472.984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44254	68107	Zinc	158.8941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44255	68107	Zinc	227.166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44256	68107	Zinc	178.4741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44258	68107	Zinc	347.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44260	68107	Zinc	114.5899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44261	68107	Zinc	340.819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44262	68107	Zinc	444.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44265	68107	Zinc	243.8446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44268	68107	Zinc	179.6489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44269	68107	Zinc	208.7074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44270	68107	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44271	68107	Zinc	412.2148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44272	68107	Zinc	185.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44273	68107	Zinc	273.3837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44274	68107	Zinc	124.371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44277	68107	Zinc	280.3613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44278	68107	Zinc	377.9676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44279	68107	Zinc	520.7325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44280	68107	Zinc	245.4822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44281	68107	Zinc	320.0197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44282	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44283	68107	Zinc	166.6816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44284	68107	Zinc	149.0418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44287	68107	Zinc	167.4648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44288	68107	Zinc	163.3708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44289	68107	Zinc	282.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44290	68107	Zinc	163.5844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44291	68107	Zinc	231.0553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44292	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44293	68107	Zinc	253.3587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44294	68107	Zinc	202.8156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44295	68107	Zinc	151.1956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44296	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44298	68107	Zinc	191.5749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44299	68107	Zinc	426.8731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44300	68107	Zinc	230.0407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44301	68107	Zinc	116.7526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44303	68107	Zinc	117.6782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44304	68107	Zinc	312.0631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44305	68107	Zinc	715.8739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44306	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44307	68107	Zinc	347.1469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44308	68107	Zinc	429.7122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44310	68107	Zinc	113.4062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44311	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44313	68107	Zinc	557.4984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44314	68107	Zinc	217.109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44315	68107	Zinc	316.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44316	68107	Zinc	125.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44317	68107	Zinc	120.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44318	68107	Zinc	560.1951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44319	68107	Zinc	152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44320	68107	Zinc	176.347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44321	68107	Zinc	206.5269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44323	68107	Zinc	162.819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44324	68107	Zinc	433.6905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44325	68107	Zinc	155.4765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44327	68107	Zinc	405.1126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44328	68107	Zinc	326.1162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44329	68107	Zinc	157.123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44330	68107	Zinc	299.8968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44331	68107	Zinc	158.369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44332	68107	Zinc	164.154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44334	68107	Zinc	556.1723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44337	68107	Zinc	248.4904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44339	68107	Zinc	191.4503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44341	68107	Zinc	226.454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44344	68107	Zinc	91.6635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44345	68107	Zinc	277.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44346	68107	Zinc	161.395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44347	68107	Zinc	183.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44348	68107	Zinc	214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44349	68107	Zinc	171.9504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44350	68107	Zinc	199.3268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44351	68107	Zinc	618.4189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44373	68107	Zinc	164.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44375	68107	Zinc	347.6364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44376	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44377	68107	Zinc	442.9465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44379	68107	Zinc	295.4379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44380	68107	Zinc	774.3736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
44381	68107	Zinc	120.277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44382	68107	Zinc	193.8266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44383	68107	Zinc	110.6917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44384	68107	Zinc	470.4297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44385	68107	Zinc	123.0627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44386	68107	Zinc	142.705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44387	68107	Zinc	270.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44389	68107	Zinc	135.7185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44390	68107	Zinc	134.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44391	68107	Zinc	355.5218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44392	68107	Zinc	183.9565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44393	68107	Zinc	201.3827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44394	68107	Zinc	539.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44395	68107	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44396	68107	Zinc	269.886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44397	68107	Zinc	157.7994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44398	68107	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44400	68107	Zinc	268.8892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44401	68107	Zinc	146.265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44403	68107	Zinc	351.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44404	68107	Zinc	236.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44405	68107	Zinc	198.597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44406	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44407	68107	Zinc	250.395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44409	68107	Zinc	269.0761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44410	68107	Zinc	132.1229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44411	68107	Zinc	255.4858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44413	68107	Zinc	203.6789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44414	68107	Zinc	168.3192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44415	68107	Zinc	825.6376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
44416	68107	Zinc	289.7686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44417	68107	Zinc	218.1058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44418	68107	Zinc	211.5465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44419	68107	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44420	68107	Zinc	174.033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44421	68107	Zinc	101.142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
44422	68107	Zinc	123.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44423	68107	Zinc	389.9915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44424	68107	Zinc	240.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44426	68107	Zinc	175.9465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44427	68107	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44428	68107	Zinc	91.2185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44429	68107	Zinc	335.6303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44431	68107	Zinc	159.8108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44432	68107	Zinc	196.4343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44433	68107	Zinc	460.4172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44436	68107	Zinc	195.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44437	68107	Zinc	162.5075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44439	68107	Zinc	154.631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44441	68107	Zinc	83.698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44442	68107	Zinc	201.5874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44443	68107	Zinc	129.2304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44444	68107	Zinc	154.7645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44445	68107	Zinc	326.0895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44446	68107	Zinc	270.954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44448	68107	Zinc	139.4921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44449	68107	Zinc	234.4017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44450	68107	Zinc	121.6031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44451	68107	Zinc	206.3934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44452	68107	Zinc	232.8442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44453	68107	Zinc	218.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44454	68107	Zinc	287.6504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44455	68107	Zinc	161.039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44456	68107	Zinc	191.7351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44457	68107	Zinc	411.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44458	68107	Zinc	186.1904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44459	68107	Zinc	280.4147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44460	68107	Zinc	154.008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44463	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44464	68107	Zinc	174.7183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44465	68107	Zinc	137.6587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44466	68107	Zinc	467.6351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44467	68107	Zinc	388.6031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44468	68107	Zinc	563.6928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44469	68107	Zinc	231.8652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44470	68107	Zinc	139.1272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44471	68107	Zinc	104.7198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
44472	68107	Zinc	213.8516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44474	68107	Zinc	115.7291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44475	68107	Zinc	297.2446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44476	68107	Zinc	254.489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44477	68107	Zinc	275.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44492	68107	Zinc	218.9335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44493	68107	Zinc	160.7898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44494	68107	Zinc	242.3583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44496	68107	Zinc	169.7343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44498	68107	Zinc	212.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44500	68107	Zinc	276.2406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44501	68107	Zinc	281.5628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44502	68107	Zinc	290.2225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44503	68107	Zinc	194.0313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44504	68107	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44506	68107	Zinc	121.5408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44507	68107	Zinc	264.8219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44508	68107	Zinc	245.0372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44509	68107	Zinc	255.4413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44510	68107	Zinc	346.9956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44511	68107	Zinc	125.7505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44512	68107	Zinc	205.4678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44514	68107	Zinc	279.0975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44515	68107	Zinc	288.2289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44516	68107	Zinc	365.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44517	68107	Zinc	157.7727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44518	68107	Zinc	175.991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44519	68107	Zinc	172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44520	68107	Zinc	137.2315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44521	68107	Zinc	212.2674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44522	68107	Zinc	141.8951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44523	68107	Zinc	195.2773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44525	68107	Zinc	170.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44526	68107	Zinc	158.8941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44527	68107	Zinc	151.8809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44528	68107	Zinc	344.3523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44529	68107	Zinc	164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44530	68107	Zinc	301.926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44531	68107	Zinc	344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44533	68107	Zinc	370.7942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44534	68107	Zinc	423.5623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44535	68107	Zinc	151.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44536	68107	Zinc	313.763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44537	68107	Zinc	127.2724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44538	68107	Zinc	314.4661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44539	68107	Zinc	148.8015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44540	68107	Zinc	204.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44541	68107	Zinc	173.1608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44542	68107	Zinc	147.867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44543	68107	Zinc	213.4066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44545	68107	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44546	68107	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44548	68107	Zinc	138.2728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44549	68107	Zinc	184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44550	68107	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44552	68107	Zinc	228.2518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44553	68107	Zinc	209.9979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44554	68107	Zinc	156.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44555	68107	Zinc	189.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44556	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44557	68107	Zinc	417.3412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44558	68107	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44559	68107	Zinc	397.2005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44560	68107	Zinc	131.7046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44562	68107	Zinc	191.4503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44564	68107	Zinc	180.5478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44565	68107	Zinc	157.8083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44566	68107	Zinc	247.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44567	68107	Zinc	178.5008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44568	68107	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44570	68107	Zinc	113.9046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44571	68107	Zinc	349.2117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44573	68107	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44574	68107	Zinc	170.2149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44575	68107	Zinc	249.7542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44576	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44577	68107	Zinc	431.2786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44578	68107	Zinc	218.0969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44579	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44580	68107	Zinc	372.2627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44581	68107	Zinc	324.7634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44582	68107	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44584	68107	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44585	68107	Zinc	270.2331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44588	68107	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44589	68107	Zinc	212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44590	68107	Zinc	264.3235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44591	68107	Zinc	250.8756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44592	68107	Zinc	341.3975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44595	68107	Zinc	291.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44597	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44600	68107	Zinc	261.5378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44604	68107	Zinc	314.6975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44615	68107	Zinc	301.1606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44616	68107	Zinc	262.0184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44617	68107	Zinc	687.9635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44618	68107	Zinc	249.2558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44619	68107	Zinc	249.327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44620	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44621	68107	Zinc	456.7148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44623	68107	Zinc	171.6122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44624	68107	Zinc	183.5204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44625	68107	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44626	68107	Zinc	503.4665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44627	68107	Zinc	286.8761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44630	68107	Zinc	528.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44631	68107	Zinc	253.7503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44632	68107	Zinc	187.7479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44633	68107	Zinc	244.8948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44635	68107	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44636	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44640	68107	Zinc	430.5577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44641	68107	Zinc	129.3461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44642	68107	Zinc	147.7691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44644	68107	Zinc	170.4641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44645	68107	Zinc	252.9849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44646	68107	Zinc	138.522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44648	68107	Zinc	206.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44649	68107	Zinc	124.4778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44650	68107	Zinc	422.6189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44654	68107	Zinc	123.8904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44655	68107	Zinc	269.6457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44656	68107	Zinc	270.5179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44658	68107	Zinc	173.1964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44659	68107	Zinc	187.294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44660	68107	Zinc	202.7889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44662	68107	Zinc	225.7064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44664	68107	Zinc	139.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44666	68107	Zinc	150.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44667	68107	Zinc	371.524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44668	68107	Zinc	259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44669	68107	Zinc	315.1959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44671	68107	Zinc	381.9637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44672	68107	Zinc	268.3908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44673	68107	Zinc	319.6459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44674	68107	Zinc	439.3153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44675	68107	Zinc	437.7756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44677	68107	Zinc	94.1377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44678	68107	Zinc	177.8155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44680	68107	Zinc	1431.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
44681	68107	Zinc	240.6228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44682	68107	Zinc	235.2383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44683	68107	Zinc	1002.356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
44684	68107	Zinc	110.843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44686	68107	Zinc	426.0454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44687	68107	Zinc	253.6613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44688	68107	Zinc	218.2927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44689	68107	Zinc	203.0381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44691	68107	Zinc	266.1569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44693	68107	Zinc	378.4393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44694	68107	Zinc	492.0923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44695	68107	Zinc	413.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44696	68107	Zinc	221.0962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44697	68107	Zinc	119.158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44698	68107	Zinc	282.3015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44700	68107	Zinc	239.4124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44701	68107	Zinc	173.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44702	68107	Zinc	168.1501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44704	68107	Zinc	343.3466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44705	68107	Zinc	299.2471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44706	68107	Zinc	163.6823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44709	68107	Zinc	225.9022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44710	68107	Zinc	167.269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44711	68107	Zinc	438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44712	68107	Zinc	401.1254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44713	68107	Zinc	207.5593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44714	68107	Zinc	314.8933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44715	68107	Zinc	572.4771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44716	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44719	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44721	68107	Zinc	412.0635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44722	68107	Zinc	161.573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44723	68107	Zinc	185.4161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44724	68107	Zinc	521.2843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44725	68107	Zinc	251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44726	68107	Zinc	233.9923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44727	68107	Zinc	133.0129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44728	68107	Zinc	208.565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44729	68107	Zinc	340.1159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44730	68107	Zinc	489.5202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44731	68107	Zinc	561.6636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44745	68107	Zinc	131.9538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44747	68107	Zinc	325.5377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44748	68107	Zinc	177.2904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44749	68107	Zinc	389.9381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44751	68107	Zinc	264.1811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44752	68107	Zinc	191.2367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44753	68107	Zinc	185.0512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44755	68107	Zinc	259.4819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44756	68107	Zinc	167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44757	68107	Zinc	2149.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
44759	68107	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44760	68107	Zinc	1225.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
44761	68107	Zinc	206.6337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44762	68107	Zinc	153.8122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44763	68107	Zinc	239.8574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44765	68107	Zinc	188.2819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44767	68107	Zinc	250.2615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44768	68107	Zinc	268.4531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44769	68107	Zinc	432.9518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44771	68107	Zinc	218.0613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44772	68107	Zinc	439.0483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44773	68107	Zinc	320.6427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44774	68107	Zinc	484.8833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44776	68107	Zinc	326.5701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44777	68107	Zinc	236.7958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44778	68107	Zinc	199.7985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44779	68107	Zinc	282.9245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44780	68107	Zinc	112.801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44781	68107	Zinc	1185.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
44783	68107	Zinc	408.4768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44784	68107	Zinc	273.6952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44785	68107	Zinc	188.1128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44786	68107	Zinc	186.6354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44788	68107	Zinc	399.3632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44789	68107	Zinc	223.1254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44790	68107	Zinc	198.6593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44793	68107	Zinc	173.8105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44794	68107	Zinc	317.8036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44795	68107	Zinc	174.923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44796	68107	Zinc	201.2225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44797	68107	Zinc	510.6844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44798	68107	Zinc	2035.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
44799	68107	Zinc	734.7953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44800	68107	Zinc	225.5284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44801	68107	Zinc	141.281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44802	68107	Zinc	585.8182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44803	68107	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44804	68107	Zinc	201.6408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44805	68107	Zinc	278.8305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44806	68107	Zinc	195.4553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44807	68107	Zinc	336.9564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44808	68107	Zinc	271.1587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44809	68107	Zinc	1864.143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
44810	68107	Zinc	241.1301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44811	68107	Zinc	166.5926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44812	68107	Zinc	312.2589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44814	68107	Zinc	413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44816	68107	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44817	68107	Zinc	1695.399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
44820	68107	Zinc	159.6862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44821	68107	Zinc	182.577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44822	68107	Zinc	300.3774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44823	68107	Zinc	233.3248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44824	68107	Zinc	381.0381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44825	68107	Zinc	486.5031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44826	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44827	68107	Zinc	265.0177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44828	68107	Zinc	157.8083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44829	68107	Zinc	338.4694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44831	68107	Zinc	259.5264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44832	68107	Zinc	433.9664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44833	68107	Zinc	296.8886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44834	68107	Zinc	192.3225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44835	68107	Zinc	259.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44836	68107	Zinc	168.7197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44837	68107	Zinc	781.903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
44838	68107	Zinc	546.9341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44839	68107	Zinc	379.2047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44840	68107	Zinc	364.7778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44841	68107	Zinc	250.1191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44844	68107	Zinc	145.019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44845	68107	Zinc	228.501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44846	68107	Zinc	389.2083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44848	68107	Zinc	244.6901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44849	68107	Zinc	250.3683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44851	68107	Zinc	184.535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44852	68107	Zinc	325.8314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44853	68107	Zinc	193.3549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44865	68107	Zinc	331.1536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44866	68107	Zinc	307.1859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44867	68107	Zinc	93.221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
44869	68107	Zinc	243.2839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44870	68107	Zinc	301.9616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44872	68107	Zinc	124.6736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44873	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44874	68107	Zinc	400.2443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44875	68107	Zinc	274.7098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44876	68107	Zinc	173.0451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44877	68107	Zinc	575.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44879	68107	Zinc	119.209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44880	68107	Zinc	220.669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44881	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44882	68107	Zinc	675.993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44883	68107	Zinc	233.0133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44884	68107	Zinc	158.7161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44885	68107	Zinc	213.905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44886	68107	Zinc	159.437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44887	68107	Zinc	231.9186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44890	68107	Zinc	390.2318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44891	68107	Zinc	258.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44892	68107	Zinc	369.655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44893	68107	Zinc	203.5187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44894	68107	Zinc	168.3548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44895	68107	Zinc	524.2213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44896	68107	Zinc	271.8262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44897	68107	Zinc	236.8136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44898	68107	Zinc	124.0773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
44899	68107	Zinc	226.0891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44900	68107	Zinc	206.874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44901	68107	Zinc	218.1503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44902	68107	Zinc	253.1362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44903	68107	Zinc	167.625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44904	68107	Zinc	268.4976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44906	68107	Zinc	237.8104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44907	68107	Zinc	187.9259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44908	68107	Zinc	166.4947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44910	68107	Zinc	210.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44911	68107	Zinc	141.9396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44912	68107	Zinc	133.2443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44915	68107	Zinc	193.8889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44916	68107	Zinc	153.1714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44917	68107	Zinc	357.8091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44918	68107	Zinc	250.8133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44919	68107	Zinc	247.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44921	68107	Zinc	142.9186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44923	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44924	68107	Zinc	496.8627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44925	68107	Zinc	422.5833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44926	68107	Zinc	206.6693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
44927	68107	Zinc	784.3505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
44928	68107	Zinc	248.3213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44929	68107	Zinc	272.022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44930	68107	Zinc	181.8828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44931	68107	Zinc	283.0847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44932	68107	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44934	68107	Zinc	246.1942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44935	68107	Zinc	222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44936	68107	Zinc	150.4302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44937	68107	Zinc	316.9225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44938	68107	Zinc	224.3981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44939	68107	Zinc	213.8694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44942	68107	Zinc	170.8201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44943	68107	Zinc	220.2062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44944	68107	Zinc	138.5309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44945	68107	Zinc	231.5537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44946	68107	Zinc	171.9326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44947	68107	Zinc	646.6052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44948	68107	Zinc	672.3618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44949	68107	Zinc	216.8687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44950	68107	Zinc	321.3369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44952	68107	Zinc	168.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44953	68107	Zinc	630.6297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
44954	68107	Zinc	157.3989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44955	68107	Zinc	143.5683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44957	68107	Zinc	236.0037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44958	68107	Zinc	193.7821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44959	68107	Zinc	140.4355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
44961	68107	Zinc	153.385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
44962	68107	Zinc	116.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44963	68107	Zinc	170.3395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
44965	68107	Zinc	108.5557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
44966	68107	Zinc	263.7717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44967	68107	Zinc	586.2632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
44968	68107	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44969	68107	Zinc	184.5617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
44970	68107	Zinc	188.4421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
44983	68107	Zinc	297.5027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44984	68107	Zinc	308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44985	68107	Zinc	475.7786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44986	68107	Zinc	146.3718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
44987	68107	Zinc	233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44988	68107	Zinc	338.3003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
44989	68107	Zinc	227.9492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44990	68107	Zinc	266.6375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44991	68107	Zinc	370.1178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
44992	68107	Zinc	301.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44993	68107	Zinc	323.3661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44994	68107	Zinc	188.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
44996	68107	Zinc	230.8595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
44997	68107	Zinc	216.1834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
44999	68107	Zinc	257.4616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45000	68107	Zinc	240.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45001	68107	Zinc	537.6069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45002	68107	Zinc	195.1527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45004	68107	Zinc	151.6673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45005	68107	Zinc	551.5176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45006	68107	Zinc	359.7137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45007	68107	Zinc	525.6542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45008	68107	Zinc	316.3707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45009	68107	Zinc	295.3578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45011	68107	Zinc	473.0819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45012	68107	Zinc	328.5815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45013	68107	Zinc	710.1067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45014	68107	Zinc	173.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45015	68107	Zinc	314.7954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45017	68107	Zinc	427.861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45018	68107	Zinc	201.8722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45020	68107	Zinc	348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45021	68107	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45022	68107	Zinc	244.7613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45023	68107	Zinc	189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45024	68107	Zinc	199.754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45025	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45026	68107	Zinc	601.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45027	68107	Zinc	147.5644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45028	68107	Zinc	566.0602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45029	68107	Zinc	59.7926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
45030	68107	Zinc	284.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45031	68107	Zinc	163.5755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45032	68107	Zinc	158.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45033	68107	Zinc	118.2923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45034	68107	Zinc	268.0704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45036	68107	Zinc	318.4177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45038	68107	Zinc	158.6538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45040	68107	Zinc	199.9231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45041	68107	Zinc	514.6182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45042	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45043	68107	Zinc	247.3601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45044	68107	Zinc	131.0994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45046	68107	Zinc	142.8029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45047	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45048	68107	Zinc	2658.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
45050	68107	Zinc	238.8072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45051	68107	Zinc	356.8746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45052	68107	Zinc	340.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45053	68107	Zinc	378.222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45054	68107	Zinc	450.2534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45056	68107	Zinc	279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45057	68107	Zinc	149.9407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45059	68107	Zinc	472.8505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45060	68107	Zinc	234.9001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45061	68107	Zinc	248.5527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45062	68107	Zinc	222.1553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45063	68107	Zinc	223.3746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45064	68107	Zinc	531.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45065	68107	Zinc	411.2358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45066	68107	Zinc	309.046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45067	68107	Zinc	161.662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45068	68107	Zinc	278.0562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45069	68107	Zinc	379.3471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45071	68107	Zinc	337.0276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45072	68107	Zinc	265.9255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45073	68107	Zinc	318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45074	68107	Zinc	175.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45075	68107	Zinc	150.7773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45076	68107	Zinc	151.7652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45077	68107	Zinc	121.3628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45078	68107	Zinc	146.7901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45081	68107	Zinc	288.8697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45082	68107	Zinc	224.8253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45084	68107	Zinc	349.3719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45085	68107	Zinc	145.6153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45086	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45087	68107	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45102	68107	Zinc	111.733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45103	68107	Zinc	210.4518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45104	68107	Zinc	171.5855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45105	68107	Zinc	156.6068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45106	68107	Zinc	405.6377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45108	68107	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45109	68107	Zinc	141.5124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45110	68107	Zinc	182.0964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45111	68107	Zinc	266.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45113	68107	Zinc	312.6861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45115	68107	Zinc	182.6749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45116	68107	Zinc	224.3536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45117	68107	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45118	68107	Zinc	136.7865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45120	68107	Zinc	168.1323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45122	68107	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45123	68107	Zinc	268.0526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45124	68107	Zinc	255.0408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45125	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45126	68107	Zinc	314.0033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45127	68107	Zinc	189.519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45128	68107	Zinc	245.1351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45129	68107	Zinc	116.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45131	68107	Zinc	326.7125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45132	68107	Zinc	216.5839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45133	68107	Zinc	310.2831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45134	68107	Zinc	163.0593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45135	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45136	68107	Zinc	238.6025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45138	68107	Zinc	376.7127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45139	68107	Zinc	177.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45140	68107	Zinc	355.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45141	68107	Zinc	277.006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45142	68107	Zinc	175.2523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45143	68107	Zinc	182.933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45144	68107	Zinc	345.3046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45145	68107	Zinc	183.5026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45146	68107	Zinc	383.9039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45147	68107	Zinc	646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45148	68107	Zinc	263.4513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45149	68107	Zinc	197.529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45150	68107	Zinc	415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45151	68107	Zinc	263.4335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45152	68107	Zinc	187.917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45153	68107	Zinc	701.002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45154	68107	Zinc	215.062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45155	68107	Zinc	192.3759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45156	68107	Zinc	229.8716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45157	68107	Zinc	337.9354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45158	68107	Zinc	263.2911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45159	68107	Zinc	163.7802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45160	68107	Zinc	383.8416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45161	68107	Zinc	222.538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45162	68107	Zinc	145.4907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45163	68107	Zinc	202.5575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45164	68107	Zinc	319.3433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45165	68107	Zinc	209.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45166	68107	Zinc	221.9773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45167	68107	Zinc	358.085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45168	68107	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45169	68107	Zinc	192.1178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45171	68107	Zinc	149.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45172	68107	Zinc	99.7447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45173	68107	Zinc	120.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45175	68107	Zinc	278.1986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45176	68107	Zinc	189.3054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45177	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45178	68107	Zinc	126.0264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45179	68107	Zinc	158.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45180	68107	Zinc	231.794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45181	68107	Zinc	440.6414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45182	68107	Zinc	283.9035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45183	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45184	68107	Zinc	170.2594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45185	68107	Zinc	370.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45186	68107	Zinc	1046.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
45187	68107	Zinc	555.7184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45188	68107	Zinc	163.8158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45189	68107	Zinc	162.4185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45190	68107	Zinc	132.114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45191	68107	Zinc	318.2931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45192	68107	Zinc	285.7013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45193	68107	Zinc	138.5487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45194	68107	Zinc	164.7058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45195	68107	Zinc	312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45196	68107	Zinc	195.927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45197	68107	Zinc	381.6166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45198	68107	Zinc	319.459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45211	68107	Zinc	227.9759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45213	68107	Zinc	376.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45214	68107	Zinc	361.9298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45217	68107	Zinc	471.3019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45218	68107	Zinc	362.1879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45219	68107	Zinc	252.1661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45220	68107	Zinc	146.3629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45221	68107	Zinc	221.114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45222	68107	Zinc	237.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45223	68107	Zinc	140.7203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45224	68107	Zinc	605.8699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45225	68107	Zinc	166.3434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45226	68107	Zinc	157.123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45227	68107	Zinc	156.7225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45228	68107	Zinc	227.3529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45229	68107	Zinc	288.6917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45231	68107	Zinc	220.9627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45232	68107	Zinc	660.3824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45233	68107	Zinc	123.5611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45234	68107	Zinc	242.0379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45235	68107	Zinc	107.8081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45236	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45237	68107	Zinc	155.8058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45238	68107	Zinc	243.8446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45239	68107	Zinc	182.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45241	68107	Zinc	216.7619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45242	68107	Zinc	1233.667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
45243	68107	Zinc	321.3369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45244	68107	Zinc	371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45245	68107	Zinc	335.4701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45246	68107	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45247	68107	Zinc	178.4385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45248	68107	Zinc	443.2758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45249	68107	Zinc	199.2912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45250	68107	Zinc	196.0071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45251	68107	Zinc	450.1377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45252	68107	Zinc	175.0031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45255	68107	Zinc	167.447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45256	68107	Zinc	172.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45257	68107	Zinc	154.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45259	68107	Zinc	140.471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45260	68107	Zinc	184.9355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45262	68107	Zinc	250.7599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45264	68107	Zinc	149.1308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45265	68107	Zinc	145.2237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45267	68107	Zinc	307.5864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45268	68107	Zinc	303.9819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45269	68107	Zinc	312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45270	68107	Zinc	248.7841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45271	68107	Zinc	212.0627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45272	68107	Zinc	481.8662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45273	68107	Zinc	185.9234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45274	68107	Zinc	115.8804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45275	68107	Zinc	209.5885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45276	68107	Zinc	295.7316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45277	68107	Zinc	299.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45278	68107	Zinc	373.6422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45281	68107	Zinc	299.5764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45282	68107	Zinc	371.1146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45283	68107	Zinc	168.8443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45285	68107	Zinc	441.6026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45286	68107	Zinc	231.6249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45287	68107	Zinc	157.4968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45289	68107	Zinc	751.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45291	68107	Zinc	149.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45292	68107	Zinc	775.8243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
45293	68107	Zinc	600.788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45294	68107	Zinc	223.8552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45295	68107	Zinc	355.6108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45296	68107	Zinc	146.7456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45297	68107	Zinc	350.7247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45298	68107	Zinc	179.5688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45299	68107	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45300	68107	Zinc	476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45301	68107	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45303	68107	Zinc	386.9477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45304	68107	Zinc	180.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45305	68107	Zinc	162.3562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45306	68107	Zinc	299.167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45307	68107	Zinc	1787.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
45308	68107	Zinc	140.7114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45310	68107	Zinc	585.9339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45311	68107	Zinc	192.7675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45312	68107	Zinc	191.2456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45313	68107	Zinc	291.6732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45314	68107	Zinc	141.2899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45315	68107	Zinc	189.8394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45316	68107	Zinc	578.3244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45328	68107	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45329	68107	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45330	68107	Zinc	2171.905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
45333	68107	Zinc	406.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45334	68107	Zinc	200.4037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45335	68107	Zinc	126.3646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45338	68107	Zinc	190.1153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45339	68107	Zinc	98.8102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45340	68107	Zinc	121.5319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45341	68107	Zinc	247.9475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45342	68107	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45343	68107	Zinc	236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45345	68107	Zinc	472.5123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45346	68107	Zinc	383.6725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45348	68107	Zinc	394.1656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45349	68107	Zinc	167.9187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45350	68107	Zinc	340.463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45351	68107	Zinc	329.249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45353	68107	Zinc	182.577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45354	68107	Zinc	588.4437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45355	68107	Zinc	281.0288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45356	68107	Zinc	418.4804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45358	68107	Zinc	153.5719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45360	68107	Zinc	281.2691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45361	68107	Zinc	212.5433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45362	68107	Zinc	154.097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45364	68107	Zinc	148.5167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45365	68107	Zinc	172.1729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45366	68107	Zinc	142.8118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45367	68107	Zinc	253.2074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45368	68107	Zinc	284.4553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45369	68107	Zinc	316.8691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45370	68107	Zinc	137.3917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45371	68107	Zinc	105.4941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45372	68107	Zinc	353.8575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45373	68107	Zinc	157.8884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45374	68107	Zinc	381.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45375	68107	Zinc	361.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45376	68107	Zinc	219.9392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45377	68107	Zinc	694.1668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45378	68107	Zinc	162.2494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45379	68107	Zinc	194.2093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45380	68107	Zinc	311.9118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45381	68107	Zinc	139.5188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45382	68107	Zinc	459.4471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45383	68107	Zinc	167.3313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45384	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45385	68107	Zinc	172.075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45386	68107	Zinc	256.7585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45387	68107	Zinc	158.4847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45389	68107	Zinc	224.1845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45390	68107	Zinc	273.5706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45391	68107	Zinc	220.0905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45392	68107	Zinc	128.4739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45393	68107	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45394	68107	Zinc	166.557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45395	68107	Zinc	173.4634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45397	68107	Zinc	134.5348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45398	68107	Zinc	177.5129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45399	68107	Zinc	900.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
45400	68107	Zinc	197.1548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45401	68107	Zinc	250.0924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45404	68107	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45405	68107	Zinc	283.5119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45406	68107	Zinc	201.979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45407	68107	Zinc	108.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45408	68107	Zinc	158.5025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45409	68107	Zinc	177.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45410	68107	Zinc	288.8875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45411	68107	Zinc	273.6507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45412	68107	Zinc	188.7981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45413	68107	Zinc	147.689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45414	68107	Zinc	145.1703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45415	68107	Zinc	272.6984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45416	68107	Zinc	160.416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45417	68107	Zinc	270.7582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45418	68107	Zinc	203.9192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45419	68107	Zinc	173.0362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45420	68107	Zinc	289.2257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45421	68107	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45422	68107	Zinc	270.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45423	68107	Zinc	241.4149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45424	68107	Zinc	199.932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45425	68107	Zinc	205.2898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45426	68107	Zinc	255.6549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45427	68107	Zinc	185.4606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45428	68107	Zinc	302.4066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45429	68107	Zinc	137.6854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45442	68107	Zinc	343.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45443	68107	Zinc	223.4013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45444	68107	Zinc	134.1699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45445	68107	Zinc	148.6769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45446	68107	Zinc	203.8658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45447	68107	Zinc	124.1485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45448	68107	Zinc	247.2444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45450	68107	Zinc	295.3934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45451	68107	Zinc	161.217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45452	68107	Zinc	173.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45453	68107	Zinc	534.1982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45454	68107	Zinc	142.7317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45455	68107	Zinc	222.1553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45456	68107	Zinc	115.293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45457	68107	Zinc	365.1071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45458	68107	Zinc	156.8649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45459	68107	Zinc	338.8076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45460	68107	Zinc	170.5175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45461	68107	Zinc	362.7219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45462	68107	Zinc	156.9628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45463	68107	Zinc	172.609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45465	68107	Zinc	251.2583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45466	68107	Zinc	168.159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45467	68107	Zinc	145.7755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45469	68107	Zinc	192.5806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45470	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45471	68107	Zinc	300.2884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45472	68107	Zinc	173.9707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45473	68107	Zinc	549.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45474	68107	Zinc	151.3825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45475	68107	Zinc	266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45477	68107	Zinc	313.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45478	68107	Zinc	93.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45479	68107	Zinc	275.1014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45480	68107	Zinc	462.8558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45481	68107	Zinc	134.3657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45484	68107	Zinc	406.2785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45486	68107	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45487	68107	Zinc	607.641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45488	68107	Zinc	428.7332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45489	68107	Zinc	324.8435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45490	68107	Zinc	156.2241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45492	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45494	68107	Zinc	209.5796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45495	68107	Zinc	302.4422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45496	68107	Zinc	161.6442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45497	68107	Zinc	825.4329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
45499	68107	Zinc	549.1769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45500	68107	Zinc	156.8026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45501	68107	Zinc	332.5509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45502	68107	Zinc	454.7479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45503	68107	Zinc	380.4685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45504	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45506	68107	Zinc	104.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45507	68107	Zinc	302.3532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45508	68107	Zinc	229.9339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45509	68107	Zinc	157.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45510	68107	Zinc	144.0222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45511	68107	Zinc	252.9849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45512	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45513	68107	Zinc	315.7538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45514	68107	Zinc	159.1878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45515	68107	Zinc	330.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45517	68107	Zinc	226.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45518	68107	Zinc	140.035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45519	68107	Zinc	597.6641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45520	68107	Zinc	197.262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45522	68107	Zinc	215.1065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45525	68107	Zinc	294.6903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45526	68107	Zinc	552.6924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45527	68107	Zinc	455.0861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45528	68107	Zinc	257.6307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45529	68107	Zinc	214.8039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45530	68107	Zinc	130.4319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45531	68107	Zinc	220.3308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45533	68107	Zinc	185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45534	68107	Zinc	270.4912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45535	68107	Zinc	130.9748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45537	68107	Zinc	189.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45538	68107	Zinc	95.2235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45539	68107	Zinc	357.2039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45540	68107	Zinc	196.9505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45541	68107	Zinc	194.859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45542	68107	Zinc	205.5301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45543	68107	Zinc	233.7698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45544	68107	Zinc	206.7316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45545	68107	Zinc	116.3699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45546	68107	Zinc	339.7332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45563	68107	Zinc	342.7681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45564	68107	Zinc	146.2472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45565	68107	Zinc	406.8659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45566	68107	Zinc	326.3387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45567	68107	Zinc	610.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45568	68107	Zinc	624.5599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45569	68107	Zinc	185.2559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45574	68107	Zinc	171.8703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45575	68107	Zinc	162.6321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45576	68107	Zinc	198.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45577	68107	Zinc	238.8339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45578	68107	Zinc	714.5033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45579	68107	Zinc	160.4783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45580	68107	Zinc	198.6326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45583	68107	Zinc	163.7446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45584	68107	Zinc	180.3965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45585	68107	Zinc	336.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45587	68107	Zinc	145.375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45590	68107	Zinc	235.7189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45591	68107	Zinc	160.6474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45592	68107	Zinc	265.169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45594	68107	Zinc	164.3409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45595	68107	Zinc	395.0823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45597	68107	Zinc	181.6425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45598	68107	Zinc	190.2043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45599	68107	Zinc	583.0681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45601	68107	Zinc	127.2101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45602	68107	Zinc	248.7574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45604	68107	Zinc	568.4988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45605	68107	Zinc	210.2293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45606	68107	Zinc	102.299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45607	68107	Zinc	235.8168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45608	68107	Zinc	279.2577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45609	68107	Zinc	136.2792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45610	68107	Zinc	154.6488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45611	68107	Zinc	125.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45612	68107	Zinc	136.5017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45613	68107	Zinc	212.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45614	68107	Zinc	186.0124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45618	68107	Zinc	493.0535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45619	68107	Zinc	133.271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45620	68107	Zinc	149.6915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45621	68107	Zinc	226.2315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45622	68107	Zinc	171.1494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45623	68107	Zinc	141.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45624	68107	Zinc	206.3222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45625	68107	Zinc	296.9954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45626	68107	Zinc	148.2408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45627	68107	Zinc	161.8133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45629	68107	Zinc	141.5925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45630	68107	Zinc	182.1498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45631	68107	Zinc	119.9477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45633	68107	Zinc	230.0407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45634	68107	Zinc	161.1725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45635	68107	Zinc	251.1515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45636	68107	Zinc	215.2133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45637	68107	Zinc	250.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45638	68107	Zinc	233.8499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45639	68107	Zinc	191.8508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45641	68107	Zinc	148.2497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45642	68107	Zinc	387.6158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45643	68107	Zinc	121.6209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45644	68107	Zinc	202.4507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45645	68107	Zinc	689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45646	68107	Zinc	395.8566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45647	68107	Zinc	240.8008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45648	68107	Zinc	511.4053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45649	68107	Zinc	479.0627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45652	68107	Zinc	133.4579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45653	68107	Zinc	355.415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45654	68107	Zinc	108.707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45655	68107	Zinc	183.7162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45656	68107	Zinc	225.5017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45658	68107	Zinc	79.871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
45659	68107	Zinc	145.2059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45660	68107	Zinc	106.126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45661	68107	Zinc	176.9166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45662	68107	Zinc	137.9435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45663	68107	Zinc	406.5722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45665	68107	Zinc	418.6139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45667	68107	Zinc	365.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45668	68107	Zinc	421.9158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45669	68107	Zinc	189.4745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45670	68107	Zinc	179.4709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45671	68107	Zinc	278.6347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45672	68107	Zinc	227.7801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45673	68107	Zinc	114.1538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45674	68107	Zinc	254.0796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45685	68107	Zinc	130.2539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45688	68107	Zinc	320.1799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45690	68107	Zinc	199.932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45691	68107	Zinc	116.0673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45692	68107	Zinc	343.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45693	68107	Zinc	165.7649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45695	68107	Zinc	274.158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45696	68107	Zinc	279.8807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45697	68107	Zinc	215.9342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45698	68107	Zinc	186.9113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45699	68107	Zinc	272.8764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45700	68107	Zinc	235.7367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45702	68107	Zinc	125.1631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45704	68107	Zinc	231.4024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45706	68107	Zinc	128.554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45707	68107	Zinc	163.6823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45708	68107	Zinc	385.408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45711	68107	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45712	68107	Zinc	279.9341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45713	68107	Zinc	319.459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45714	68107	Zinc	172.1818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45715	68107	Zinc	168.9689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45716	68107	Zinc	291.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45718	68107	Zinc	139.857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45719	68107	Zinc	226.2849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45720	68107	Zinc	336.4936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45721	68107	Zinc	236.1995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45722	68107	Zinc	236.4665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45723	68107	Zinc	245.3576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45724	68107	Zinc	288.0776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45725	68107	Zinc	205.6903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45726	68107	Zinc	258.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45727	68107	Zinc	171.3897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45728	68107	Zinc	506.0564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45729	68107	Zinc	153.7855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45730	68107	Zinc	469.1748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45731	68107	Zinc	342.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45732	68107	Zinc	208.6985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45734	68107	Zinc	255.1654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45735	68107	Zinc	279.5781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45736	68107	Zinc	395.8744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45737	68107	Zinc	137.7477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45738	68107	Zinc	218.6131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45739	68107	Zinc	272.3157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45740	68107	Zinc	163.442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45741	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45742	68107	Zinc	141.1742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45743	68107	Zinc	137.9702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45744	68107	Zinc	189.5724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45746	68107	Zinc	206.4023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45747	68107	Zinc	190.053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45749	68107	Zinc	199.0242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45750	68107	Zinc	232.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45751	68107	Zinc	168.6218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45752	68107	Zinc	194.4852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45753	68107	Zinc	326.2675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45754	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45756	68107	Zinc	331.0824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45757	68107	Zinc	575.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
45759	68107	Zinc	199.5582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45760	68107	Zinc	136.831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45761	68107	Zinc	44.69375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
45762	68107	Zinc	215.1243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45763	68107	Zinc	189.697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45764	68107	Zinc	1476.014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
45765	68107	Zinc	151.7741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45766	68107	Zinc	245.6246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45767	68107	Zinc	253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45768	68107	Zinc	112.0445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45769	68107	Zinc	244.6189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45770	68107	Zinc	204.0438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45771	68107	Zinc	276.472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45772	68107	Zinc	133.0218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45773	68107	Zinc	152.0055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45775	68107	Zinc	183.289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45776	68107	Zinc	117.3489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45779	68107	Zinc	377.3001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45780	68107	Zinc	138.433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45781	68107	Zinc	397.9748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45782	68107	Zinc	104.5329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45783	68107	Zinc	330.4861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45785	68107	Zinc	105.0758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45786	68107	Zinc	186.3862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45787	68107	Zinc	468.3649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45788	68107	Zinc	231.5804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45789	68107	Zinc	193.6664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45790	68107	Zinc	204.1951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45791	68107	Zinc	290.9078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45803	68107	Zinc	245.0639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45804	68107	Zinc	222.8228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45805	68107	Zinc	343.222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45806	68107	Zinc	138.0503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45807	68107	Zinc	205.9306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45808	68107	Zinc	174.7005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45809	68107	Zinc	216.6106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45810	68107	Zinc	529.8016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45811	68107	Zinc	173.6325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45812	68107	Zinc	292.492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45813	68107	Zinc	182.7283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45814	68107	Zinc	151.7652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45815	68107	Zinc	161.5196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45817	68107	Zinc	265.8276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45818	68107	Zinc	162.5965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45820	68107	Zinc	370.634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45821	68107	Zinc	361.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45822	68107	Zinc	185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45823	68107	Zinc	232.6573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45824	68107	Zinc	189.2253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45825	68107	Zinc	175.6795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45826	68107	Zinc	421.2483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45827	68107	Zinc	423.9984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45829	68107	Zinc	140.213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45831	68107	Zinc	131.5711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45832	68107	Zinc	291.4151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45833	68107	Zinc	185.7721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45834	68107	Zinc	221.8883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45835	68107	Zinc	478.2795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45836	68107	Zinc	209.989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45837	68107	Zinc	159.0543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45838	68107	Zinc	265.8365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45840	68107	Zinc	144.7787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45841	68107	Zinc	147.1461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45842	68107	Zinc	153.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45843	68107	Zinc	131.4198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45844	68107	Zinc	136.653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45845	68107	Zinc	224.3714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45846	68107	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45847	68107	Zinc	161.4484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45848	68107	Zinc	225.9734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45849	68107	Zinc	207.4525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45850	68107	Zinc	121.523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45851	68107	Zinc	133.5024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45853	68107	Zinc	233.0222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45854	68107	Zinc	126.2845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45855	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45856	68107	Zinc	144.9389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45857	68107	Zinc	288.9765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45858	68107	Zinc	312.428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45860	68107	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45861	68107	Zinc	151.4359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45862	68107	Zinc	224.3447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45864	68107	Zinc	199.4959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45865	68107	Zinc	152.5217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45867	68107	Zinc	110.487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45868	68107	Zinc	499.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45869	68107	Zinc	132.203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45870	68107	Zinc	244.9927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45871	68107	Zinc	110.9231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45872	68107	Zinc	92.6158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
45873	68107	Zinc	346.7197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
45876	68107	Zinc	251.9169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45877	68107	Zinc	146.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45878	68107	Zinc	146.5409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45879	68107	Zinc	129.6131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45880	68107	Zinc	448.1708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45882	68107	Zinc	117.3934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45883	68107	Zinc	180.174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45884	68107	Zinc	238.8962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45886	68107	Zinc	252.4064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45887	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45888	68107	Zinc	167.2512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45889	68107	Zinc	153.7143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45890	68107	Zinc	81.1793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
45891	68107	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45892	68107	Zinc	120.6775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45893	68107	Zinc	157.6926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45894	68107	Zinc	155.966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45895	68107	Zinc	195.4731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45897	68107	Zinc	405.0592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45898	68107	Zinc	125.5725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45899	68107	Zinc	162.4007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45900	68107	Zinc	145.375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45901	68107	Zinc	230.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45902	68107	Zinc	164.866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45903	68107	Zinc	414.4932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45905	68107	Zinc	181.5446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
45921	68107	Zinc	235.5854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45923	68107	Zinc	287.7305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45924	68107	Zinc	204.827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45925	68107	Zinc	544.2285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45926	68107	Zinc	131.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45927	68107	Zinc	364.5642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45928	68107	Zinc	179.551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45930	68107	Zinc	177.9668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45932	68107	Zinc	341.1661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45937	68107	Zinc	130.6633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45940	68107	Zinc	181.0551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45941	68107	Zinc	402.0955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45942	68107	Zinc	664.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45943	68107	Zinc	194.4407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45945	68107	Zinc	203.9014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45946	68107	Zinc	411.9211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45947	68107	Zinc	206.9808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45949	68107	Zinc	136.8755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45950	68107	Zinc	280.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45952	68107	Zinc	182.3545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45953	68107	Zinc	639.9124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45954	68107	Zinc	293.0082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45955	68107	Zinc	248.1611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45957	68107	Zinc	177.4951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45958	68107	Zinc	231.3401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45959	68107	Zinc	228.7591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45960	68107	Zinc	177.4773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45961	68107	Zinc	164.0116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45962	68107	Zinc	171.007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45963	68107	Zinc	207.8174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
45966	68107	Zinc	378.5105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45967	68107	Zinc	234.9001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45968	68107	Zinc	159.9888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45969	68107	Zinc	269.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45970	68107	Zinc	281.8476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45971	68107	Zinc	412.8289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45972	68107	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
45973	68107	Zinc	485.7822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
45974	68107	Zinc	232.4615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45976	68107	Zinc	98.7123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
45977	68107	Zinc	262.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45979	68107	Zinc	134.5526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
45983	68107	Zinc	849.1603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
45984	68107	Zinc	163.9048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45986	68107	Zinc	311.8673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45987	68107	Zinc	221.5501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
45988	68107	Zinc	151.7207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45989	68107	Zinc	197.4044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
45990	68107	Zinc	170.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
45991	68107	Zinc	224.2913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45992	68107	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45993	68107	Zinc	148.3031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
45994	68107	Zinc	252.2729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45995	68107	Zinc	295.9719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
45996	68107	Zinc	183.3958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
45998	68107	Zinc	156.0995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
45999	68107	Zinc	182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46000	68107	Zinc	365.3207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46001	68107	Zinc	265.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46004	68107	Zinc	235.0603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46005	68107	Zinc	269.2274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46006	68107	Zinc	372.3606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46007	68107	Zinc	246.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46008	68107	Zinc	352.6382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46012	68107	Zinc	370.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46016	68107	Zinc	225.1101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46017	68107	Zinc	147.4131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46020	68107	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46021	68107	Zinc	302.2375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46022	68107	Zinc	383.4678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46023	68107	Zinc	205.984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46025	68107	Zinc	571.6939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46026	68107	Zinc	182.6749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46028	68107	Zinc	471.3642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46029	68107	Zinc	668.1432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46030	68107	Zinc	564.0043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46031	68107	Zinc	293.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46032	68107	Zinc	186.2349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46033	68107	Zinc	151.9699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46035	68107	Zinc	467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46036	68107	Zinc	274.0245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46037	68107	Zinc	575.3874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46039	68107	Zinc	170.7934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46041	68107	Zinc	204.0171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46042	68107	Zinc	145.5174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46045	68107	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46047	68107	Zinc	265.1512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46048	68107	Zinc	220.5889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46066	68107	Zinc	106.4553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46067	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46070	68107	Zinc	174.1665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46071	68107	Zinc	215.1688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46073	68107	Zinc	231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46074	68107	Zinc	577.1051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46075	68107	Zinc	183.3068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46077	68107	Zinc	135.3358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46078	68107	Zinc	163.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46080	68107	Zinc	359.5357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46082	68107	Zinc	241.8243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46083	68107	Zinc	151.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46085	68107	Zinc	222.9563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46086	68107	Zinc	474.4881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46087	68107	Zinc	292.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46088	68107	Zinc	174.033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46089	68107	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46090	68107	Zinc	736.8512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46091	68107	Zinc	226.5341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46093	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46094	68107	Zinc	248.793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46095	68107	Zinc	204.5778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46097	68107	Zinc	273.1078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46098	68107	Zinc	323.6687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46099	68107	Zinc	149.469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46102	68107	Zinc	206.2332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46103	68107	Zinc	300.0392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46104	68107	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46107	68107	Zinc	432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46108	68107	Zinc	413.9592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46109	68107	Zinc	854.2155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46110	68107	Zinc	521.4623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46111	68107	Zinc	256.6695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46112	68107	Zinc	438.0426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46113	68107	Zinc	331.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46115	68107	Zinc	246.3099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46116	68107	Zinc	272.2801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46117	68107	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46118	68107	Zinc	446.4264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46120	68107	Zinc	229.9695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46121	68107	Zinc	551.0192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46122	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46124	68107	Zinc	212.9438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46125	68107	Zinc	161.217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46127	68107	Zinc	209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46128	68107	Zinc	442.279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46130	68107	Zinc	141.7349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46131	68107	Zinc	427.594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46132	68107	Zinc	128.821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46133	68107	Zinc	170.3039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46134	68107	Zinc	341.442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46135	68107	Zinc	177.4773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46136	68107	Zinc	139.2162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46137	68107	Zinc	646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46139	68107	Zinc	282.791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46140	68107	Zinc	153.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46142	68107	Zinc	166.1921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46144	68107	Zinc	300.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46145	68107	Zinc	181.6959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46147	68107	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46148	68107	Zinc	142.9542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46149	68107	Zinc	256.0198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46150	68107	Zinc	276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46152	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46153	68107	Zinc	540.5884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46154	68107	Zinc	203.1983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46155	68107	Zinc	168.9778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46157	68107	Zinc	379.7476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46159	68107	Zinc	137.8011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46160	68107	Zinc	176.2758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46161	68107	Zinc	254.9607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46163	68107	Zinc	434.2512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46164	68107	Zinc	171.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46165	68107	Zinc	292.3941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46166	68107	Zinc	218.3906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46167	68107	Zinc	317.8926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46168	68107	Zinc	152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46169	68107	Zinc	391.1752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46170	68107	Zinc	277.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46171	68107	Zinc	285.1139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46172	68107	Zinc	346.782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46174	68107	Zinc	367.1185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46175	68107	Zinc	355.8422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46177	68107	Zinc	174.3445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46178	68107	Zinc	340.0536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46179	68107	Zinc	244.3697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46180	68107	Zinc	569.0239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46181	68107	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46195	68107	Zinc	853.6014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46196	68107	Zinc	191.922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46197	68107	Zinc	213.6914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46198	68107	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46201	68107	Zinc	413.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46203	68107	Zinc	312.2945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46204	68107	Zinc	351.8817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46207	68107	Zinc	479.9616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46209	68107	Zinc	268.1683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46210	68107	Zinc	383.9217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46211	68107	Zinc	228.8392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46212	68107	Zinc	277.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46213	68107	Zinc	227.0503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46214	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46215	68107	Zinc	398.0104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46217	68107	Zinc	197.1908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46218	68107	Zinc	1028.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
46219	68107	Zinc	400.7783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46221	68107	Zinc	285.4254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46222	68107	Zinc	202.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46224	68107	Zinc	273.0989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46225	68107	Zinc	186.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46226	68107	Zinc	191.7351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46227	68107	Zinc	313.1667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46228	68107	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46229	68107	Zinc	134.7128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46231	68107	Zinc	2398.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
46232	68107	Zinc	113.3528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46233	68107	Zinc	644.7451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46234	68107	Zinc	215.7295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46235	68107	Zinc	228.3319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46237	68107	Zinc	342.8215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46238	68107	Zinc	364.8757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46240	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46241	68107	Zinc	1531.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
46242	68107	Zinc	334.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46244	68107	Zinc	196.4788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46245	68107	Zinc	484.5807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46246	68107	Zinc	207.2656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46247	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46248	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46250	68107	Zinc	182.399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46252	68107	Zinc	1739.098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
46253	68107	Zinc	229.391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46254	68107	Zinc	275.2794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46255	68107	Zinc	317.3675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46256	68107	Zinc	176.6496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46258	68107	Zinc	200.7241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46260	68107	Zinc	381.9726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46266	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46268	68107	Zinc	296.586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46269	68107	Zinc	174.3445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46270	68107	Zinc	252.3797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46274	68107	Zinc	138.611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46275	68107	Zinc	632.0626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46276	68107	Zinc	352.0508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46278	68107	Zinc	260.7902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46279	68107	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46280	68107	Zinc	423.6513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46281	68107	Zinc	192.3136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46282	68107	Zinc	301.8637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46283	68107	Zinc	220.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46284	68107	Zinc	560.1684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46285	68107	Zinc	569.994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46286	68107	Zinc	218.177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46290	68107	Zinc	465.9441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46292	68107	Zinc	611.3345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46293	68107	Zinc	334.2864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46294	68107	Zinc	488.381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46296	68107	Zinc	275.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46297	68107	Zinc	213.6914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46298	68107	Zinc	177.2637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46301	68107	Zinc	260.7724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46302	68107	Zinc	358.1028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46303	68107	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46304	68107	Zinc	436.4317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46305	68107	Zinc	121.4073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46306	68107	Zinc	1658.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
46307	68107	Zinc	295.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46310	68107	Zinc	213.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46312	68107	Zinc	207.4881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46314	68107	Zinc	180.263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46315	68107	Zinc	607.1782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46316	68107	Zinc	232.8264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46317	68107	Zinc	219.1026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46318	68107	Zinc	260.986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46320	68107	Zinc	236.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46321	68107	Zinc	654.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46340	68107	Zinc	197.707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46341	68107	Zinc	203.2428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46342	68107	Zinc	230.3789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46343	68107	Zinc	222.3333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46344	68107	Zinc	148.1963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46345	68107	Zinc	783.0244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46346	68107	Zinc	182.1854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46347	68107	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46348	68107	Zinc	153.7855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46349	68107	Zinc	232.3191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46350	68107	Zinc	182.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46351	68107	Zinc	375.8316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46352	68107	Zinc	203.9815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46354	68107	Zinc	367.7415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46355	68107	Zinc	253.6524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46356	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46357	68107	Zinc	417.2789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46358	68107	Zinc	240.9432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46359	68107	Zinc	249.416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46361	68107	Zinc	124.371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46363	68107	Zinc	159.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46364	68107	Zinc	202.4418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46365	68107	Zinc	170.295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46366	68107	Zinc	300.5465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46367	68107	Zinc	316.4864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46368	68107	Zinc	254.8717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46369	68107	Zinc	250.1013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46370	68107	Zinc	131.847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46371	68107	Zinc	169.3605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46372	68107	Zinc	299.1492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46373	68107	Zinc	165.8806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46376	68107	Zinc	636.0765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46378	68107	Zinc	172.5289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46379	68107	Zinc	253.1718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46380	68107	Zinc	124.0506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46381	68107	Zinc	315.9346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46383	68107	Zinc	312.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46384	68107	Zinc	208.4048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46385	68107	Zinc	150.2789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46387	68107	Zinc	298.4639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46388	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46389	68107	Zinc	250.573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46390	68107	Zinc	410.239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46391	68107	Zinc	436.0757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46393	68107	Zinc	310.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46396	68107	Zinc	490.517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46397	68107	Zinc	149.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46398	68107	Zinc	342.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46399	68107	Zinc	465.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46400	68107	Zinc	330.2903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46401	68107	Zinc	249.0333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46402	68107	Zinc	236.0927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46403	68107	Zinc	357.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46404	68107	Zinc	428.751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46405	68107	Zinc	229.6936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46406	68107	Zinc	281.3937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46407	68107	Zinc	288.9676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46408	68107	Zinc	446.2484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46409	68107	Zinc	171.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46410	68107	Zinc	368.3912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46411	68107	Zinc	186.1281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46412	68107	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46418	68107	Zinc	337.0632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46419	68107	Zinc	465.5258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46421	68107	Zinc	454.6144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46422	68107	Zinc	190.6493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46423	68107	Zinc	216.6551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46424	68107	Zinc	226.4985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46425	68107	Zinc	297.4582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46426	68107	Zinc	261.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46427	68107	Zinc	440.321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46428	68107	Zinc	306.2247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46429	68107	Zinc	191.7084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46430	68107	Zinc	497.2454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46431	68107	Zinc	166.8418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46432	68107	Zinc	896.3303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46434	68107	Zinc	536.1829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46435	68107	Zinc	141.3967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46437	68107	Zinc	262.9173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46438	68107	Zinc	290.8989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46439	68107	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46441	68107	Zinc	243.9069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46442	68107	Zinc	183.9921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46443	68107	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46444	68107	Zinc	106.8469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46445	68107	Zinc	295.7405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46446	68107	Zinc	304.9431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46448	68107	Zinc	238.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46462	68107	Zinc	149.9318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46463	68107	Zinc	314.1279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46464	68107	Zinc	252.4776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46466	68107	Zinc	165.5513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46469	68107	Zinc	282.9868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46470	68107	Zinc	144.8499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46471	68107	Zinc	479.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46472	68107	Zinc	405.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46473	68107	Zinc	271.1587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46474	68107	Zinc	586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46475	68107	Zinc	333.1739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46476	68107	Zinc	144.485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46478	68107	Zinc	358.3431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46480	68107	Zinc	250.662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46482	68107	Zinc	632.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46483	68107	Zinc	458.388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46484	68107	Zinc	478.4753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46487	68107	Zinc	231.3846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46489	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46490	68107	Zinc	580.6562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46491	68107	Zinc	225.9289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46492	68107	Zinc	436.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46493	68107	Zinc	191.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46494	68107	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46495	68107	Zinc	277.6468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46496	68107	Zinc	472.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46497	68107	Zinc	419.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46498	68107	Zinc	266.9846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46499	68107	Zinc	429.5431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46500	68107	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46501	68107	Zinc	469.691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46502	68107	Zinc	524.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46503	68107	Zinc	584.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46504	68107	Zinc	281.7497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46505	68107	Zinc	528.4844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46507	68107	Zinc	512.2953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46508	68107	Zinc	855.0076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46509	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46510	68107	Zinc	424.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46511	68107	Zinc	290.2047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46512	68107	Zinc	227.5309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46513	68107	Zinc	196.2207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46514	68107	Zinc	261.5289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46515	68107	Zinc	170.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46522	68107	Zinc	186.137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46523	68107	Zinc	176.347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46524	68107	Zinc	210.6743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46526	68107	Zinc	265.5339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46527	68107	Zinc	313.1845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46528	68107	Zinc	819.9772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46529	68107	Zinc	237.3832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46530	68107	Zinc	576.0816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46533	68107	Zinc	419.2547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46534	68107	Zinc	195.0726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46535	68107	Zinc	237.6146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46536	68107	Zinc	153.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46538	68107	Zinc	250.6175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46539	68107	Zinc	271.0964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46540	68107	Zinc	201.356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46541	68107	Zinc	473.2332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46543	68107	Zinc	383.4233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46546	68107	Zinc	235.3629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46547	68107	Zinc	191.566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46548	68107	Zinc	647.335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46549	68107	Zinc	1100.523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
46550	68107	Zinc	274.7009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46551	68107	Zinc	216.9577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46552	68107	Zinc	447.0494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46554	68107	Zinc	182.0786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46557	68107	Zinc	270.1174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46558	68107	Zinc	393.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46559	68107	Zinc	298.9623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46562	68107	Zinc	221.7548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46563	68107	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46564	68107	Zinc	313.0154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46566	68107	Zinc	178.483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46567	68107	Zinc	209.6419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46568	68107	Zinc	389.8847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46569	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46570	68107	Zinc	236.5021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46573	68107	Zinc	283.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46574	68107	Zinc	524.1501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46575	68107	Zinc	186.8668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46578	68107	Zinc	231.9364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46579	68107	Zinc	186.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46580	68107	Zinc	267.4207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46582	68107	Zinc	428.1102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46583	68107	Zinc	302.6736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46596	68107	Zinc	428.9646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46597	68107	Zinc	358.7169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46598	68107	Zinc	571.4269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46601	68107	Zinc	335.8706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46602	68107	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46603	68107	Zinc	785.8101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46604	68107	Zinc	287.4101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46605	68107	Zinc	1246.681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
46607	68107	Zinc	230.3789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46610	68107	Zinc	462.3663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46611	68107	Zinc	298.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46612	68107	Zinc	421.8446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46613	68107	Zinc	511.076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46614	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46615	68107	Zinc	297.5205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46618	68107	Zinc	308.7167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46619	68107	Zinc	335.5324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46620	68107	Zinc	546.6493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46621	68107	Zinc	658.1396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46625	68107	Zinc	271.755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46626	68107	Zinc	238.4245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46628	68107	Zinc	554.6415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46629	68107	Zinc	415.8015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46630	68107	Zinc	129.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46631	68107	Zinc	388.2649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46632	68107	Zinc	414.4843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46633	68107	Zinc	351.5079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46634	68107	Zinc	331.4562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46635	68107	Zinc	369.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46636	68107	Zinc	413.2116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46637	68107	Zinc	258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46639	68107	Zinc	136.6174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46640	68107	Zinc	407.9428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46641	68107	Zinc	829.9541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46642	68107	Zinc	195.5621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46643	68107	Zinc	495.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46644	68107	Zinc	308.2094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46646	68107	Zinc	325.2529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46647	68107	Zinc	356.5186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46648	68107	Zinc	157.746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46649	68107	Zinc	419.4594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46650	68107	Zinc	183.2801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46652	68107	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46655	68107	Zinc	239.359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46656	68107	Zinc	223.6505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46658	68107	Zinc	340.2672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46659	68107	Zinc	474.7907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46661	68107	Zinc	127.5305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46662	68107	Zinc	648.0203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46663	68107	Zinc	331.4206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46664	68107	Zinc	220.2774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46665	68107	Zinc	444.6019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46666	68107	Zinc	334.767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46667	68107	Zinc	218.3817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46668	68107	Zinc	730.0605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46669	68107	Zinc	392.1542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46671	68107	Zinc	122.8491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46672	68107	Zinc	370	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46673	68107	Zinc	266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46674	68107	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46675	68107	Zinc	181.7849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46676	68107	Zinc	125.3589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46679	68107	Zinc	175.8219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46682	68107	Zinc	532.6318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46683	68107	Zinc	387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46685	68107	Zinc	269.3698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46686	68107	Zinc	683.6737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46687	68107	Zinc	167.6339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46688	68107	Zinc	571.4358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46689	68107	Zinc	458.9665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46690	68107	Zinc	316.5309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46691	68107	Zinc	402.7007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46692	68107	Zinc	444.682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46693	68107	Zinc	527.6745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46694	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46696	68107	Zinc	227.5131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46697	68107	Zinc	274.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46698	68107	Zinc	407.5957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46699	68107	Zinc	297.4137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46700	68107	Zinc	394.7797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46701	68107	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46702	68107	Zinc	200.733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46703	68107	Zinc	807.535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
46704	68107	Zinc	196.4254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46707	68107	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46708	68107	Zinc	154.1415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46710	68107	Zinc	268.0526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46711	68107	Zinc	278.3944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46728	68107	Zinc	373.3396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46729	68107	Zinc	297.5561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46730	68107	Zinc	302.2464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46731	68107	Zinc	302.3799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46734	68107	Zinc	386.8676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46736	68107	Zinc	412.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46740	68107	Zinc	202.4863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46741	68107	Zinc	328.0386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46743	68107	Zinc	213.2642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46744	68107	Zinc	507.3291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46745	68107	Zinc	221.1496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46746	68107	Zinc	147.0126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46747	68107	Zinc	377.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46748	68107	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46749	68107	Zinc	231.9542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46750	68107	Zinc	557.1246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46752	68107	Zinc	396.622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46754	68107	Zinc	282.524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46755	68107	Zinc	344.5036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46757	68107	Zinc	357.8981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46758	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46760	68107	Zinc	395.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46761	68107	Zinc	414.9382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46762	68107	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46763	68107	Zinc	905.7198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46764	68107	Zinc	377.8519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46766	68107	Zinc	263.5581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46767	68107	Zinc	715.2954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46768	68107	Zinc	175.279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46769	68107	Zinc	175.6884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46770	68107	Zinc	437.4819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46771	68107	Zinc	470.6433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46772	68107	Zinc	261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46775	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46776	68107	Zinc	326.9261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46777	68107	Zinc	235.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46778	68107	Zinc	290.4094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46780	68107	Zinc	221.4789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46781	68107	Zinc	311.627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46784	68107	Zinc	423.4911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46785	68107	Zinc	287.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46786	68107	Zinc	176.6585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46788	68107	Zinc	329.9788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46790	68107	Zinc	183.3335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46791	68107	Zinc	562.2243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46792	68107	Zinc	374.7013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46793	68107	Zinc	207.6928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46794	68107	Zinc	435.3548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46796	68107	Zinc	311.2176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46797	68107	Zinc	629.2769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46798	68107	Zinc	143.1144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46799	68107	Zinc	194.147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46800	68107	Zinc	711.4951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46801	68107	Zinc	306.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46802	68107	Zinc	395.0912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46803	68107	Zinc	116.7793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46804	68107	Zinc	124.015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46805	68107	Zinc	360.7906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46807	68107	Zinc	231.2422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46808	68107	Zinc	528.9205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46811	68107	Zinc	432.2755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46812	68107	Zinc	211.3507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46813	68107	Zinc	470.8658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46814	68107	Zinc	317.145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46815	68107	Zinc	1179.466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
46816	68107	Zinc	482.3646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46817	68107	Zinc	107.8704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46820	68107	Zinc	551.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46822	68107	Zinc	435.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46823	68107	Zinc	463.5767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46825	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46826	68107	Zinc	341.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46827	68107	Zinc	533.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46829	68107	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46830	68107	Zinc	331.7143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46832	68107	Zinc	476.4372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46833	68107	Zinc	400.182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46834	68107	Zinc	472.7526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46835	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46836	68107	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46837	68107	Zinc	537.9807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46839	68107	Zinc	187.917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46841	68107	Zinc	153.1447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46842	68107	Zinc	352.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46844	68107	Zinc	170.3573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46846	68107	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46847	68107	Zinc	209.9712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46849	68107	Zinc	320.794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
46863	68107	Zinc	117.251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46864	68107	Zinc	334.5178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46865	68107	Zinc	652.586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46867	68107	Zinc	445.4741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46869	68107	Zinc	279.5425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46870	68107	Zinc	282.0345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46871	68107	Zinc	302.2286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46872	68107	Zinc	109.0808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46873	68107	Zinc	415.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46877	68107	Zinc	243.4263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46878	68107	Zinc	724.7294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46879	68107	Zinc	591.087	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46880	68107	Zinc	386.9833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46881	68107	Zinc	475.9744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46883	68107	Zinc	332.0347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46885	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46886	68107	Zinc	1123.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
46887	68107	Zinc	169.6275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46889	68107	Zinc	692.7161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46891	68107	Zinc	445.0024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46892	68107	Zinc	368.2755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46893	68107	Zinc	419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46894	68107	Zinc	346.8443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46897	68107	Zinc	325.1817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46898	68107	Zinc	372.9569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46899	68107	Zinc	431.1629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46901	68107	Zinc	319.6904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46904	68107	Zinc	515.7752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46905	68107	Zinc	113.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
46906	68107	Zinc	723.8483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46908	68107	Zinc	648.1182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46909	68107	Zinc	178.2338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
46910	68107	Zinc	258.2181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46911	68107	Zinc	256.3224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46913	68107	Zinc	210.0958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46916	68107	Zinc	120.9534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
46917	68107	Zinc	210.4162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46918	68107	Zinc	352.3801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46919	68107	Zinc	464.9651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46920	68107	Zinc	553.8049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46922	68107	Zinc	380.3795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46923	68107	Zinc	236.8314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46925	68107	Zinc	433.1832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46926	68107	Zinc	312.3123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46927	68107	Zinc	597.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46928	68107	Zinc	351.5969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46929	68107	Zinc	734.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46930	68107	Zinc	340.9258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46931	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46932	68107	Zinc	574.9335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46934	68107	Zinc	334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46935	68107	Zinc	424.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46936	68107	Zinc	951.626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
46940	68107	Zinc	687.8389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46942	68107	Zinc	143.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
46944	68107	Zinc	307.0346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46945	68107	Zinc	276.1071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46946	68107	Zinc	1089.487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
46948	68107	Zinc	228.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46950	68107	Zinc	732.3389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46952	68107	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46953	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46954	68107	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
46955	68107	Zinc	191.9309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
46957	68107	Zinc	374.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46959	68107	Zinc	329.4537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46960	68107	Zinc	227.2817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46961	68107	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46962	68107	Zinc	391.4422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46963	68107	Zinc	171.4075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
46964	68107	Zinc	214.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46965	68107	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46967	68107	Zinc	245.5801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46968	68107	Zinc	205.1652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
46969	68107	Zinc	531.2345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46970	68107	Zinc	292.1538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46971	68107	Zinc	333.1205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
46972	68107	Zinc	352.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46973	68107	Zinc	763.3376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
46976	68107	Zinc	381.1538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46977	68107	Zinc	129.533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
46979	68107	Zinc	408.7616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46980	68107	Zinc	328.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46982	68107	Zinc	221.2742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46984	68107	Zinc	580.9855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
46985	68107	Zinc	216.8331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
46986	68107	Zinc	411.3871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
46987	68107	Zinc	262.9173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47000	68107	Zinc	445.5186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47001	68107	Zinc	328.6616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47003	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47004	68107	Zinc	202.6554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47005	68107	Zinc	374.3275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47007	68107	Zinc	249.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47008	68107	Zinc	240.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47009	68107	Zinc	414.7335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47010	68107	Zinc	567.8758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47011	68107	Zinc	496.7381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47012	68107	Zinc	330.0856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47013	68107	Zinc	351.7838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47015	68107	Zinc	375.8049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47016	68107	Zinc	2746.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47017	68107	Zinc	342.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47020	68107	Zinc	150.6705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47021	68107	Zinc	305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47022	68107	Zinc	309.0193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47023	68107	Zinc	246.5502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47024	68107	Zinc	343.4445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47026	68107	Zinc	461.8946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47027	68107	Zinc	401.5348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47028	68107	Zinc	401.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47029	68107	Zinc	268.2395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47030	68107	Zinc	445.7856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47032	68107	Zinc	659.1898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47033	68107	Zinc	405.6466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47034	68107	Zinc	330.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47037	68107	Zinc	234.1792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47038	68107	Zinc	398.3842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47039	68107	Zinc	326.4544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47040	68107	Zinc	281.7497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47041	68107	Zinc	220.9004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47042	68107	Zinc	596.2401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47043	68107	Zinc	276.1694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47044	68107	Zinc	255.0586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47045	68107	Zinc	322.7965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47046	68107	Zinc	382.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47047	68107	Zinc	856.2892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47048	68107	Zinc	282.5062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47049	68107	Zinc	407.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47050	68107	Zinc	901.9195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47051	68107	Zinc	1081.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47052	68107	Zinc	1270	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
47053	68107	Zinc	299.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47054	68107	Zinc	213.5668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47056	68107	Zinc	281.8565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47058	68107	Zinc	208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47059	68107	Zinc	360.0341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47060	68107	Zinc	443.0533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47061	68107	Zinc	855.6306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47062	68107	Zinc	211.8402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47063	68107	Zinc	349.3274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47064	68107	Zinc	163.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47065	68107	Zinc	352.1131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47066	68107	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47067	68107	Zinc	401.8374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47069	68107	Zinc	237.4099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47070	68107	Zinc	364.9825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47071	68107	Zinc	165.222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47072	68107	Zinc	174.558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47073	68107	Zinc	258.2537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47074	68107	Zinc	256.002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47076	68107	Zinc	783.9767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
47077	68107	Zinc	264.8753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47078	68107	Zinc	483.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47080	68107	Zinc	318.2842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47082	68107	Zinc	244.7079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47084	68107	Zinc	281.2424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47085	68107	Zinc	161.3505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47086	68107	Zinc	360.8885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47087	68107	Zinc	304.3735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47088	68107	Zinc	1519.624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
47089	68107	Zinc	442.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47090	68107	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47091	68107	Zinc	271.5859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47092	68107	Zinc	365.9971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47094	68107	Zinc	219.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47095	68107	Zinc	439.1996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47096	68107	Zinc	232.9688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47097	68107	Zinc	368.7383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47098	68107	Zinc	454.8013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47100	68107	Zinc	267.7945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47102	68107	Zinc	306.9367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47103	68107	Zinc	468.8099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47104	68107	Zinc	417.1899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47105	68107	Zinc	300.9025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47106	68107	Zinc	192.4916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER RME		CANCER RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47127	68107	Zinc	372.414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47128	68107	Zinc	279.142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47130	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47131	68107	Zinc	293.115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47132	68107	Zinc	458.8775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47133	68107	Zinc	935.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47135	68107	Zinc	290.6319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47136	68107	Zinc	338.238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47137	68107	Zinc	267.394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47138	68107	Zinc	315.9524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47139	68107	Zinc	397.5031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47140	68107	Zinc	424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47142	68107	Zinc	242.7677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47143	68107	Zinc	275.7155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47144	68107	Zinc	309.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47145	68107	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47147	68107	Zinc	508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47148	68107	Zinc	359.0907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47149	68107	Zinc	595.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47150	68107	Zinc	235.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47151	68107	Zinc	467.1545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47152	68107	Zinc	653.8854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47153	68107	Zinc	512.6246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47154	68107	Zinc	251.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47156	68107	Zinc	300.2172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47157	68107	Zinc	519.2106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47158	68107	Zinc	280.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47159	68107	Zinc	156.7937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47162	68107	Zinc	414.5644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47163	68107	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47164	68107	Zinc	280.4147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47165	68107	Zinc	254.2398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47166	68107	Zinc	443.3381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47168	68107	Zinc	481.9285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47169	68107	Zinc	685.4181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47170	68107	Zinc	1362.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
47171	68107	Zinc	282.8889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47172	68107	Zinc	509.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47173	68107	Zinc	401.5348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47175	68107	Zinc	191.0943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47176	68107	Zinc	219.4319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47177	68107	Zinc	347.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47178	68107	Zinc	264.1188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47179	68107	Zinc	210	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47180	68107	Zinc	211.4308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47181	68107	Zinc	444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47182	68107	Zinc	368.8362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47184	68107	Zinc	293.3909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47185	68107	Zinc	618.8817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47186	68107	Zinc	211.8669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47187	68107	Zinc	177.682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47188	68107	Zinc	405.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47190	68107	Zinc	245.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47191	68107	Zinc	451.624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47193	68107	Zinc	315.6409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47194	68107	Zinc	319.4234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47195	68107	Zinc	302.9317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47196	68107	Zinc	382.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47197	68107	Zinc	587.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47202	68107	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47203	68107	Zinc	372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47204	68107	Zinc	263.0063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47206	68107	Zinc	359.0907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47207	68107	Zinc	700.0408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47210	68107	Zinc	278.3499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47211	68107	Zinc	315.6943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47212	68107	Zinc	484.8121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47213	68107	Zinc	355.3616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47214	68107	Zinc	316.2639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47215	68107	Zinc	334.5979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47216	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47217	68107	Zinc	340	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47218	68107	Zinc	672.4063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47219	68107	Zinc	320.7673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47220	68107	Zinc	138.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47222	68107	Zinc	305.5305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47223	68107	Zinc	568.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47224	68107	Zinc	327.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47225	68107	Zinc	322.1735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47226	68107	Zinc	322.9923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47228	68107	Zinc	406.7146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47230	68107	Zinc	323.4818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47231	68107	Zinc	343.7204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47232	68107	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47233	68107	Zinc	334.3042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47235	68107	Zinc	278.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47236	68107	Zinc	232.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47238	68107	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47257	68107	Zinc	722.006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47259	68107	Zinc	392.0207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47260	68107	Zinc	285.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47261	68107	Zinc	482.9431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47262	68107	Zinc	532.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47263	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47265	68107	Zinc	539.9921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47267	68107	Zinc	489.9563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47268	68107	Zinc	602.2565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47269	68107	Zinc	282.5062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47270	68107	Zinc	901.0384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47271	68107	Zinc	317.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47273	68107	Zinc	495.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47274	68107	Zinc	246.1675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47275	68107	Zinc	241.9222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47276	68107	Zinc	712.7233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47277	68107	Zinc	362.6418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47279	68107	Zinc	631.7778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47280	68107	Zinc	287.4635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47281	68107	Zinc	486.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47283	68107	Zinc	799.1957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
47285	68107	Zinc	1180	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47286	68107	Zinc	716.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47287	68107	Zinc	630.5674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47288	68107	Zinc	629.8999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47289	68107	Zinc	384.5536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47291	68107	Zinc	305.4949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47293	68107	Zinc	146.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47294	68107	Zinc	256.5983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47296	68107	Zinc	388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47297	68107	Zinc	125.439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
47298	68107	Zinc	508.5306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47299	68107	Zinc	222.9118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47300	68107	Zinc	453.5731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47301	68107	Zinc	209.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47302	68107	Zinc	540.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47303	68107	Zinc	166.6905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47304	68107	Zinc	279.7027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47305	68107	Zinc	358.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47306	68107	Zinc	377.4247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47308	68107	Zinc	290.1602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47309	68107	Zinc	293.3197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47311	68107	Zinc	441.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47312	68107	Zinc	419.3615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47313	68107	Zinc	1149.295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47314	68107	Zinc	382.1862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47315	68107	Zinc	457.2488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47316	68107	Zinc	342.4566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47317	68107	Zinc	209.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47319	68107	Zinc	273.9889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47320	68107	Zinc	197.7782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47321	68107	Zinc	412.0813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47322	68107	Zinc	295.0018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47324	68107	Zinc	203.581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47326	68107	Zinc	229.4355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47327	68107	Zinc	181.064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47328	68107	Zinc	1176.351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47329	68107	Zinc	255.5659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47330	68107	Zinc	539.9654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47331	68107	Zinc	296.2923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47332	68107	Zinc	249.7898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47333	68107	Zinc	403.119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47334	68107	Zinc	192.1267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47335	68107	Zinc	263.9764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47336	68107	Zinc	264.8219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47338	68107	Zinc	405.9581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47339	68107	Zinc	213.8071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47340	68107	Zinc	494.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47341	68107	Zinc	406.6523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47342	68107	Zinc	332.1059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47343	68107	Zinc	439.609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47346	68107	Zinc	359.0996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47348	68107	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47349	68107	Zinc	368.1598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47350	68107	Zinc	360.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47351	68107	Zinc	142.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47352	68107	Zinc	159.259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47353	68107	Zinc	368.1064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47354	68107	Zinc	411.9567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47355	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47356	68107	Zinc	263.4068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47358	68107	Zinc	446.3552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47359	68107	Zinc	397.9214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47360	68107	Zinc	468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47362	68107	Zinc	1112.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47363	68107	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47364	68107	Zinc	386.298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47365	68107	Zinc	390.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47382	68107	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47383	68107	Zinc	299.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47384	68107	Zinc	185.781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47385	68107	Zinc	191.3791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47386	68107	Zinc	262.7126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47388	68107	Zinc	255.4324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47389	68107	Zinc	1002.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
47390	68107	Zinc	252.8514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47391	68107	Zinc	456.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47392	68107	Zinc	527.7368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47393	68107	Zinc	214.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47394	68107	Zinc	420.9902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47395	68107	Zinc	288.8697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47397	68107	Zinc	268.3107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47398	68107	Zinc	362.2502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47399	68107	Zinc	379.9968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47400	68107	Zinc	376.8729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47402	68107	Zinc	1293.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
47404	68107	Zinc	618.8817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47405	68107	Zinc	197.9206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47406	68107	Zinc	363.6119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47407	68107	Zinc	642.0128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47408	68107	Zinc	501.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47410	68107	Zinc	307.2838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47412	68107	Zinc	265.2847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47413	68107	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47414	68107	Zinc	142.5893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47415	68107	Zinc	178.1359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47416	68107	Zinc	306.1535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47417	68107	Zinc	232.4259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47418	68107	Zinc	268.2929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47419	68107	Zinc	549.5774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47420	68107	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47421	68107	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47422	68107	Zinc	379.8722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47423	68107	Zinc	853.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47424	68107	Zinc	651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47425	68107	Zinc	305.0321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47426	68107	Zinc	298.5084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47427	68107	Zinc	262.5702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47436	68107	Zinc	264.1544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47437	68107	Zinc	174.0686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47438	68107	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47439	68107	Zinc	442.7418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47440	68107	Zinc	403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47441	68107	Zinc	500.2269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47444	68107	Zinc	253.7058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47445	68107	Zinc	370.2602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47447	68107	Zinc	785.1871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
47448	68107	Zinc	206.7049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47449	68107	Zinc	606.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47450	68107	Zinc	232.1055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47451	68107	Zinc	368.3645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47452	68107	Zinc	174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47453	68107	Zinc	149.9496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47454	68107	Zinc	193.8978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47456	68107	Zinc	151.8898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47458	68107	Zinc	527.1494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47460	68107	Zinc	157.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47461	68107	Zinc	228.0293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47462	68107	Zinc	189.7526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47463	68107	Zinc	150.4035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47464	68107	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47465	68107	Zinc	263.6293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47466	68107	Zinc	142.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47467	68107	Zinc	722.1573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47468	68107	Zinc	179.462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47469	68107	Zinc	224.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47470	68107	Zinc	304.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47471	68107	Zinc	402.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47473	68107	Zinc	138.6021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47474	68107	Zinc	561.5568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47475	68107	Zinc	216.9488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47476	68107	Zinc	641.4966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47477	68107	Zinc	690.5356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47479	68107	Zinc	342.9728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47480	68107	Zinc	703.9568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47481	68107	Zinc	354.6585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47482	68107	Zinc	256.7674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47483	68107	Zinc	968.358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47484	68107	Zinc	488.3187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47485	68107	Zinc	335.1497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47487	68107	Zinc	311.716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47488	68107	Zinc	190.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47489	68107	Zinc	236.778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47491	68107	Zinc	281.3047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47492	68107	Zinc	113.2905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47493	68107	Zinc	576.4287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47511	68107	Zinc	659.6793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47512	68107	Zinc	193.6219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47513	68107	Zinc	258.6097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47514	68107	Zinc	336.3245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47515	68107	Zinc	273.7664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47516	68107	Zinc	201.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47518	68107	Zinc	240.3825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47519	68107	Zinc	531.012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47520	68107	Zinc	384.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47521	68107	Zinc	287.0452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47522	68107	Zinc	353.5994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47523	68107	Zinc	619.7806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47524	68107	Zinc	324.1671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47525	68107	Zinc	255.0675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47526	68107	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47529	68107	Zinc	320.3401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47530	68107	Zinc	313.6117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47531	68107	Zinc	410.6039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47532	68107	Zinc	2619.041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
47533	68107	Zinc	527.4876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47534	68107	Zinc	343.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47535	68107	Zinc	251.8101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47537	68107	Zinc	282.7821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47538	68107	Zinc	315.4362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47539	68107	Zinc	281.2157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47540	68107	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47541	68107	Zinc	299.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47544	68107	Zinc	343.0707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47545	68107	Zinc	331.6965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47547	68107	Zinc	443.0622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47548	68107	Zinc	499.4793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47549	68107	Zinc	117.1175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47550	68107	Zinc	447.9394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47551	68107	Zinc	175.902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47553	68107	Zinc	338.7364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47554	68107	Zinc	336.5559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47555	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47556	68107	Zinc	272.9921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47557	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47558	68107	Zinc	293.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47559	68107	Zinc	254.4803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47560	68107	Zinc	547.8508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47561	68107	Zinc	270.1263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47562	68107	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47563	68107	Zinc	438.1761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47564	68107	Zinc	400.2443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47565	68107	Zinc	421.2305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47566	68107	Zinc	333.1917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47568	68107	Zinc	158.1732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47569	68107	Zinc	351.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47570	68107	Zinc	127.1478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
47571	68107	Zinc	350.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47572	68107	Zinc	467.3859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47573	68107	Zinc	365.7034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47574	68107	Zinc	269.2274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47576	68107	Zinc	466.3268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47577	68107	Zinc	668.7751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47578	68107	Zinc	394.6373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47579	68107	Zinc	259.4374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47580	68107	Zinc	243.3729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47581	68107	Zinc	443.4099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47582	68107	Zinc	294.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47583	68107	Zinc	235.0425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47585	68107	Zinc	238.9318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47586	68107	Zinc	303.4835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47588	68107	Zinc	545.341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47589	68107	Zinc	253.5723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47591	68107	Zinc	586.8862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47592	68107	Zinc	285.194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47593	68107	Zinc	328.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47594	68107	Zinc	156.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47595	68107	Zinc	555.8786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47596	68107	Zinc	406.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47597	68107	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47598	68107	Zinc	269.9127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47600	68107	Zinc	298.8822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47603	68107	Zinc	263.9586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47604	68107	Zinc	369.3435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47605	68107	Zinc	478.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47607	68107	Zinc	288.754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47608	68107	Zinc	289.4749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47609	68107	Zinc	282.6753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47610	68107	Zinc	450.5827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47611	68107	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47613	68107	Zinc	205.8238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47615	68107	Zinc	349.4342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47616	68107	Zinc	236.5288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47617	68107	Zinc	330.8065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47629	68107	Zinc	263.033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47630	68107	Zinc	738.7736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47633	68107	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47634	68107	Zinc	323.6776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47635	68107	Zinc	285.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47636	68107	Zinc	509.8211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47638	68107	Zinc	258.9479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47639	68107	Zinc	360.8796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47642	68107	Zinc	497.1653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47643	68107	Zinc	392.3767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47644	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47645	68107	Zinc	189.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47646	68107	Zinc	531.6528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47647	68107	Zinc	401.2767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47648	68107	Zinc	487.3219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47649	68107	Zinc	407.7114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47650	68107	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47651	68107	Zinc	449.3812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47652	68107	Zinc	263.2377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47653	68107	Zinc	305.1122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47654	68107	Zinc	370.545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47655	68107	Zinc	934.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47656	68107	Zinc	185.1669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47659	68107	Zinc	201.4005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47660	68107	Zinc	169.761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47661	68107	Zinc	338.4605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47662	68107	Zinc	1063.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
47663	68107	Zinc	172.2174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47664	68107	Zinc	230.5035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47665	68107	Zinc	197.0128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47669	68107	Zinc	273.4104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47670	68107	Zinc	483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47672	68107	Zinc	349.4342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47673	68107	Zinc	544.3798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47674	68107	Zinc	378.9199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47676	68107	Zinc	352.1754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47677	68107	Zinc	605.0422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47679	68107	Zinc	287.1075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47680	68107	Zinc	753.8235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47681	68107	Zinc	884.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47682	68107	Zinc	386.7786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47683	68107	Zinc	395.4917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47684	68107	Zinc	262.5524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47685	68107	Zinc	395.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47686	68107	Zinc	136.9022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47687	68107	Zinc	262.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47689	68107	Zinc	462.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47690	68107	Zinc	677.9955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47691	68107	Zinc	413.9592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47692	68107	Zinc	507.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47693	68107	Zinc	245.8827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47694	68107	Zinc	241.6908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47695	68107	Zinc	248.0899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47696	68107	Zinc	515.4548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47697	68107	Zinc	311.093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47699	68107	Zinc	274.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47703	68107	Zinc	136.4127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47704	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47705	68107	Zinc	178.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47706	68107	Zinc	578.9563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47707	68107	Zinc	501.731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47708	68107	Zinc	284.3129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47710	68107	Zinc	651.7761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47711	68107	Zinc	361.9743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47712	68107	Zinc	320.3045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47713	68107	Zinc	154.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
47714	68107	Zinc	368.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47715	68107	Zinc	358.174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47716	68107	Zinc	395.8388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47717	68107	Zinc	613.2302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47718	68107	Zinc	496.6046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47719	68107	Zinc	542.3773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47721	68107	Zinc	562.4112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47722	68107	Zinc	196.4966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47723	68107	Zinc	257.1768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47724	68107	Zinc	362.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47727	68107	Zinc	433.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47728	68107	Zinc	290.0623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47730	68107	Zinc	596.3469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47731	68107	Zinc	327.9496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47732	68107	Zinc	504.4455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47733	68107	Zinc	487.3931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47734	68107	Zinc	561.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47735	68107	Zinc	458.2723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47738	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47739	68107	Zinc	289.0922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47740	68107	Zinc	344.8685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47741	68107	Zinc	484.2247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47755	68107	Zinc	228.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47756	68107	Zinc	486.1293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47757	68107	Zinc	401.2945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47760	68107	Zinc	246.301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47761	68107	Zinc	261.0661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47763	68107	Zinc	1026.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
47765	68107	Zinc	316.2016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47766	68107	Zinc	179.3552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47767	68107	Zinc	958.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47768	68107	Zinc	653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47770	68107	Zinc	168.7909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47771	68107	Zinc	452.6564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47772	68107	Zinc	406.0471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47775	68107	Zinc	586.6548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47776	68107	Zinc	411.3782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47777	68107	Zinc	581.8132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47778	68107	Zinc	240.3469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47779	68107	Zinc	167.9899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47780	68107	Zinc	568.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47781	68107	Zinc	763.7025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47782	68107	Zinc	490.2144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47783	68107	Zinc	764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47786	68107	Zinc	1245.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
47787	68107	Zinc	531.6172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47788	68107	Zinc	413.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47789	68107	Zinc	694.4961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47791	68107	Zinc	383.3521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47793	68107	Zinc	297.0933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47794	68107	Zinc	422.0938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47795	68107	Zinc	96.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47796	68107	Zinc	538.8885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47797	68107	Zinc	187.1783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47798	68107	Zinc	179.017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47799	68107	Zinc	202.7355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47802	68107	Zinc	540.6062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47803	68107	Zinc	310.4433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47804	68107	Zinc	205.3254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47806	68107	Zinc	186.9914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47807	68107	Zinc	187.8992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47809	68107	Zinc	258.2181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47810	68107	Zinc	72.929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
47811	68107	Zinc	422.5922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47812	68107	Zinc	209.1969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47813	68107	Zinc	668.3479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47814	68107	Zinc	420.2693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47815	68107	Zinc	372.7522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47816	68107	Zinc	292.1449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47818	68107	Zinc	361.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47819	68107	Zinc	120.1791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47820	68107	Zinc	185.1847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47821	68107	Zinc	255.7706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47822	68107	Zinc	245.7136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47823	68107	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47826	68107	Zinc	278.8127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47830	68107	Zinc	202.4418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47831	68107	Zinc	1568.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
47832	68107	Zinc	217.2603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47833	68107	Zinc	924.837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47834	68107	Zinc	190.6938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47835	68107	Zinc	308.7167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47836	68107	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47838	68107	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47839	68107	Zinc	433.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47840	68107	Zinc	277.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47841	68107	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47842	68107	Zinc	176.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
47846	68107	Zinc	1044.453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
47847	68107	Zinc	292.492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47848	68107	Zinc	591.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47850	68107	Zinc	466.7362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47851	68107	Zinc	428.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47852	68107	Zinc	368.2755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47856	68107	Zinc	175.3057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47858	68107	Zinc	399.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47859	68107	Zinc	385.0698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47860	68107	Zinc	398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47861	68107	Zinc	700.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47862	68107	Zinc	649.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47863	68107	Zinc	593.9172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47865	68107	Zinc	503.9293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47866	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47867	68107	Zinc	863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47868	68107	Zinc	440.7571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47870	68107	Zinc	534.6699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47872	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47875	68107	Zinc	487.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47876	68107	Zinc	244.2985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47878	68107	Zinc	587.1443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
47895	68107	Zinc	596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47896	68107	Zinc	655.8345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47898	68107	Zinc	667.3956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47899	68107	Zinc	431.9194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47900	68107	Zinc	425.1465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47902	68107	Zinc	675.6103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47904	68107	Zinc	219.6544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47905	68107	Zinc	513.1675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47906	68107	Zinc	96.2915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
47908	68107	Zinc	1285.287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
47909	68107	Zinc	279.0085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47910	68107	Zinc	270.4734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47911	68107	Zinc	615.829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47912	68107	Zinc	757.4992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47913	68107	Zinc	564.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47919	68107	Zinc	250.9557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47921	68107	Zinc	191.1388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
47922	68107	Zinc	275.582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47924	68107	Zinc	357.7112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47925	68107	Zinc	307.3372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47926	68107	Zinc	175.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
47927	68107	Zinc	400.093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47928	68107	Zinc	140.747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47929	68107	Zinc	448.064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47930	68107	Zinc	545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47931	68107	Zinc	538.8529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47933	68107	Zinc	226.7388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47934	68107	Zinc	393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47935	68107	Zinc	310.1051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47936	68107	Zinc	409.6961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47937	68107	Zinc	370.1712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47938	68107	Zinc	765.9631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47939	68107	Zinc	371.5596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47942	68107	Zinc	377.2912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47943	68107	Zinc	320.7851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47944	68107	Zinc	936.941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47945	68107	Zinc	408.5569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47946	68107	Zinc	112.4806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47947	68107	Zinc	327.1041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47950	68107	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47951	68107	Zinc	468.1691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47952	68107	Zinc	428.8489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47953	68107	Zinc	335.4078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47954	68107	Zinc	313.5138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47956	68107	Zinc	738.3464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47957	68107	Zinc	152.3259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
47960	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47961	68107	Zinc	238.5402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47962	68107	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47963	68107	Zinc	550.4496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47964	68107	Zinc	283.2538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47965	68107	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
47966	68107	Zinc	107.4521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
47967	68107	Zinc	391.5312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47968	68107	Zinc	356.5186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47969	68107	Zinc	954.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47971	68107	Zinc	695.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47972	68107	Zinc	454.9526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47975	68107	Zinc	321.6395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47977	68107	Zinc	976.635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
47979	68107	Zinc	659.1635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
47981	68107	Zinc	390.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47984	68107	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
47985	68107	Zinc	410.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47986	68107	Zinc	482.0175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47987	68107	Zinc	554.8551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
47988	68107	Zinc	456.163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47989	68107	Zinc	211.6978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47990	68107	Zinc	136.1635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
47991	68107	Zinc	245.0995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47992	68107	Zinc	484.4383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
47994	68107	Zinc	222.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
47996	68107	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
47997	68107	Zinc	278.6614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48002	68107	Zinc	436.405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48003	68107	Zinc	184.7397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48005	68107	Zinc	416.6114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48006	68107	Zinc	355.2637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48007	68107	Zinc	589.2091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48009	68107	Zinc	414.1105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48014	68107	Zinc	207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48015	68107	Zinc	720.849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48016	68107	Zinc	508.0411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48018	68107	Zinc	363.1402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48019	68107	Zinc	425.1643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48020	68107	Zinc	510.542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48021	68107	Zinc	493.0624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48026	68107	Zinc	446.0882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48043	68107	Zinc	543.4453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48044	68107	Zinc	419.5306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48045	68107	Zinc	457.6582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48046	68107	Zinc	260.0159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48048	68107	Zinc	517.0034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48049	68107	Zinc	272.7696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48050	68107	Zinc	192.1356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48051	68107	Zinc	186.8312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48052	68107	Zinc	439.8315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48053	68107	Zinc	747.994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48054	68107	Zinc	227.8869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48055	68107	Zinc	630.9323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48056	68107	Zinc	484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48057	68107	Zinc	940.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48058	68107	Zinc	745.3062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48060	68107	Zinc	313.6295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48061	68107	Zinc	440.8372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48062	68107	Zinc	350.4488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48064	68107	Zinc	313.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48065	68107	Zinc	127.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48066	68107	Zinc	327.8161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48067	68107	Zinc	422.7791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48068	68107	Zinc	308.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48069	68107	Zinc	198.3478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48071	68107	Zinc	545.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48072	68107	Zinc	304.7206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48073	68107	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48074	68107	Zinc	538.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48078	68107	Zinc	437.8557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48080	68107	Zinc	680.3896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48082	68107	Zinc	445.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48083	68107	Zinc	299.1937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48085	68107	Zinc	426.348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48088	68107	Zinc	470.0025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48090	68107	Zinc	384.9096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48091	68107	Zinc	404.0001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48092	68107	Zinc	279.6671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48093	68107	Zinc	137.1692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48096	68107	Zinc	329.4893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48097	68107	Zinc	312.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48098	68107	Zinc	362.7931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48099	68107	Zinc	280.9398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48100	68107	Zinc	98.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
48101	68107	Zinc	252.8692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48102	68107	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48107	68107	Zinc	294.7348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48108	68107	Zinc	310.5323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48109	68107	Zinc	183.7162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48110	68107	Zinc	338.4427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48113	68107	Zinc	463.7725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48115	68107	Zinc	286.8939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48116	68107	Zinc	286.2531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48117	68107	Zinc	405.8068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48118	68107	Zinc	657.4098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48120	68107	Zinc	301.9438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48121	68107	Zinc	259.7845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48122	68107	Zinc	176.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48124	68107	Zinc	485.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48125	68107	Zinc	157.5324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48126	68107	Zinc	189.5368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48127	68107	Zinc	162.5787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48128	68107	Zinc	266.059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48129	68107	Zinc	495.8748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48131	68107	Zinc	568.7391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48133	68107	Zinc	449.9775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48135	68107	Zinc	289.4927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48138	68107	Zinc	316.3618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48139	68107	Zinc	198.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48140	68107	Zinc	237.134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48141	68107	Zinc	299.345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48142	68107	Zinc	591.7634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48143	68107	Zinc	208.298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48144	68107	Zinc	142.9364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48146	68107	Zinc	704.2594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48147	68107	Zinc	432.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48148	68107	Zinc	478.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48149	68107	Zinc	712.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48150	68107	Zinc	315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48152	68107	Zinc	219.4319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48153	68107	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48154	68107	Zinc	380.8957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48159	68107	Zinc	233.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48163	68107	Zinc	422.2451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48164	68107	Zinc	249.9322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48165	68107	Zinc	472.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48167	68107	Zinc	385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48168	68107	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48170	68107	Zinc	273.0188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48185	68107	Zinc	211.5109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48189	68107	Zinc	235.7634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48191	68107	Zinc	251.6677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48193	68107	Zinc	429.9792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48194	68107	Zinc	168.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48195	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48196	68107	Zinc	376.4457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48199	68107	Zinc	111.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48200	68107	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48202	68107	Zinc	190.4179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48205	68107	Zinc	510.8357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48206	68107	Zinc	488.7726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48208	68107	Zinc	306.6786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48210	68107	Zinc	177.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48211	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48214	68107	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48215	68107	Zinc	295.1442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48216	68107	Zinc	414.2529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48219	68107	Zinc	174.745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48221	68107	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48222	68107	Zinc	210.5675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48223	68107	Zinc	441.8073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48224	68107	Zinc	286.1285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48225	68107	Zinc	454.0092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48226	68107	Zinc	240.6851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48227	68107	Zinc	266.5574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48232	68107	Zinc	334.1796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48233	68107	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48234	68107	Zinc	221.7904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48235	68107	Zinc	224.9143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48236	68107	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48237	68107	Zinc	407.5156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48239	68107	Zinc	656.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48240	68107	Zinc	550.4496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48241	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48242	68107	Zinc	264.3057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48244	68107	Zinc	167.6161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48245	68107	Zinc	529.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48248	68107	Zinc	583.967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48249	68107	Zinc	595.3679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48250	68107	Zinc	169.0935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48251	68107	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48254	68107	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48255	68107	Zinc	759.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48257	68107	Zinc	322.7698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48258	68107	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48260	68107	Zinc	308.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48261	68107	Zinc	395.9545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48266	68107	Zinc	412.1258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48267	68107	Zinc	116.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48269	68107	Zinc	368.1242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48270	68107	Zinc	130.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48271	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48272	68107	Zinc	182.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48275	68107	Zinc	443.3559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48276	68107	Zinc	265.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48277	68107	Zinc	229.8449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48279	68107	Zinc	422.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48280	68107	Zinc	244.1828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48281	68107	Zinc	367.875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48282	68107	Zinc	291.2549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48283	68107	Zinc	278.2876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48285	68107	Zinc	387.5885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48286	68107	Zinc	273.268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48287	68107	Zinc	373.9982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48289	68107	Zinc	319.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48292	68107	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48293	68107	Zinc	323.1703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48295	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48296	68107	Zinc	196.3987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48297	68107	Zinc	550.3784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48299	68107	Zinc	1633.099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
48300	68107	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48302	68107	Zinc	265.3381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48305	68107	Zinc	883.9949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48308	68107	Zinc	518.8991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48309	68107	Zinc	242.1358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48310	68107	Zinc	158.5737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48311	68107	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48312	68107	Zinc	635.1509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48313	68107	Zinc	257.5328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48314	68107	Zinc	207.5504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48315	68107	Zinc	481.3589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48317	68107	Zinc	292.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48319	68107	Zinc	284.2061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48320	68107	Zinc	432.6047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48324	68107	Zinc	482.2934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48327	68107	Zinc	233.1201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48343	68107	Zinc	343.5602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48345	68107	Zinc	299.1136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48347	68107	Zinc	302.6736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48349	68107	Zinc	293.5422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48350	68107	Zinc	315.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48352	68107	Zinc	147.8581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48353	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48354	68107	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48359	68107	Zinc	235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48361	68107	Zinc	295.9452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48363	68107	Zinc	263.5759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48364	68107	Zinc	441.0597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48367	68107	Zinc	320.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48368	68107	Zinc	301.2229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48369	68107	Zinc	188.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48373	68107	Zinc	494.2817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48378	68107	Zinc	200.555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48379	68107	Zinc	142.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48380	68107	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48382	68107	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48383	68107	Zinc	261.2619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48384	68107	Zinc	583.1927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48385	68107	Zinc	385.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48386	68107	Zinc	209.1524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48387	68107	Zinc	229.302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48389	68107	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48390	68107	Zinc	819.5678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48391	68107	Zinc	197.0217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48392	68107	Zinc	142.5715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48393	68107	Zinc	384.6337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48395	68107	Zinc	271.6393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48397	68107	Zinc	251.2583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48400	68107	Zinc	320.6961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48402	68107	Zinc	250.7332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48404	68107	Zinc	363.7276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48405	68107	Zinc	406.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48406	68107	Zinc	355.7265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48407	68107	Zinc	167.0821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48408	68107	Zinc	282.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48409	68107	Zinc	227.522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48410	68107	Zinc	166.0675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48411	68107	Zinc	345.0465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48413	68107	Zinc	431.9639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48416	68107	Zinc	439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48417	68107	Zinc	325.155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48418	68107	Zinc	342.5189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48419	68107	Zinc	160.5762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48423	68107	Zinc	357.8714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48424	68107	Zinc	185.6297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48425	68107	Zinc	459.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48426	68107	Zinc	864.4772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48427	68107	Zinc	468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48428	68107	Zinc	300.502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48430	68107	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48431	68107	Zinc	368.231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48432	68107	Zinc	325.5199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48433	68107	Zinc	529.3922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48434	68107	Zinc	319.0496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48435	68107	Zinc	407.4355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48437	68107	Zinc	331.3583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48438	68107	Zinc	159.5527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48439	68107	Zinc	331.5986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48441	68107	Zinc	356.1626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48442	68107	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48444	68107	Zinc	637.8921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48446	68107	Zinc	282.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48447	68107	Zinc	584.4743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48451	68107	Zinc	1610.048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
48452	68107	Zinc	248.5883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48455	68107	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48456	68107	Zinc	337.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48457	68107	Zinc	292.7857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48459	68107	Zinc	639.6276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48460	68107	Zinc	396.3817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48461	68107	Zinc	1021.847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
48463	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48464	68107	Zinc	253.8838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48466	68107	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48467	68107	Zinc	435.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48468	68107	Zinc	447.5122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48469	68107	Zinc	253.7948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48470	68107	Zinc	143.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48471	68107	Zinc	174.9675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48472	68107	Zinc	268.3196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48474	68107	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48476	68107	Zinc	332.5865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48477	68107	Zinc	328.3857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48479	68107	Zinc	399.6124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48494	68107	Zinc	376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48495	68107	Zinc	384.1442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48496	68107	Zinc	672.6466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48497	68107	Zinc	222.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48499	68107	Zinc	229.9606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48500	68107	Zinc	289.4037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48501	68107	Zinc	321.1767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48502	68107	Zinc	305.7174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48503	68107	Zinc	296.5771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48505	68107	Zinc	236.3775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48506	68107	Zinc	351.2943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48507	68107	Zinc	274.0067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48508	68107	Zinc	197.1018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48510	68107	Zinc	246.9329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48511	68107	Zinc	292.5543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48512	68107	Zinc	498.7317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48513	68107	Zinc	234.1525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48514	68107	Zinc	314.0923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48515	68107	Zinc	228.5277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48517	68107	Zinc	149.8161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48519	68107	Zinc	250.3505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48523	68107	Zinc	262.4456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48525	68107	Zinc	437.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48526	68107	Zinc	493.2671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48529	68107	Zinc	365.5432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48530	68107	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48531	68107	Zinc	267.5275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48532	68107	Zinc	197.3154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48533	68107	Zinc	242.7321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48534	68107	Zinc	330.8866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48538	68107	Zinc	222.6537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48539	68107	Zinc	212.0983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48540	68107	Zinc	254.7916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48541	68107	Zinc	1023.093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
48542	68107	Zinc	160.0956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48543	68107	Zinc	154.7467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48544	68107	Zinc	445.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48545	68107	Zinc	348.6243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48546	68107	Zinc	473.2955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48547	68107	Zinc	1380.161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
48548	68107	Zinc	321.3725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48549	68107	Zinc	124.371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48550	68107	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48551	68107	Zinc	386.3692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48552	68107	Zinc	93.9775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
48553	68107	Zinc	286.5913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48554	68107	Zinc	192.9455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48555	68107	Zinc	173.9351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48556	68107	Zinc	254.3377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48557	68107	Zinc	303.4123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48558	68107	Zinc	239.3323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48559	68107	Zinc	490.4636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48560	68107	Zinc	217.0734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48561	68107	Zinc	323.1703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48563	68107	Zinc	112.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48564	68107	Zinc	244.4587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48565	68107	Zinc	128.1268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48566	68107	Zinc	153.029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48567	68107	Zinc	157.1853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48568	68107	Zinc	171.9237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48569	68107	Zinc	270.4111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48570	68107	Zinc	279.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48571	68107	Zinc	244.5744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48572	68107	Zinc	420.9101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48573	68107	Zinc	138.789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48574	68107	Zinc	282.4528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48576	68107	Zinc	243.2216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48577	68107	Zinc	165.2398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48578	68107	Zinc	176.9433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48580	68107	Zinc	211.9381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48581	68107	Zinc	434.625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48582	68107	Zinc	156.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48583	68107	Zinc	253.0472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48584	68107	Zinc	376.2766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48586	68107	Zinc	266.4773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48587	68107	Zinc	494.4419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48588	68107	Zinc	178.8568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48589	68107	Zinc	231.0108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48590	68107	Zinc	164.599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48593	68107	Zinc	415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48594	68107	Zinc	274.4606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48596	68107	Zinc	172.6357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48599	68107	Zinc	305.9577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48600	68107	Zinc	272.3513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48602	68107	Zinc	308.0136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48604	68107	Zinc	131.758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
48606	68107	Zinc	245.0639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48607	68107	Zinc	819.0605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48621	68107	Zinc	175.3057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48622	68107	Zinc	400.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48623	68107	Zinc	319.2098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48625	68107	Zinc	446.9871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48626	68107	Zinc	431.9995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48627	68107	Zinc	586.7883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48628	68107	Zinc	181.5268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48632	68107	Zinc	267.1092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48633	68107	Zinc	281.5984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48634	68107	Zinc	277.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48635	68107	Zinc	419.9222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48636	68107	Zinc	249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48637	68107	Zinc	182.8618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48638	68107	Zinc	158.8585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48639	68107	Zinc	125.5369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48640	68107	Zinc	584.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48641	68107	Zinc	101.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
48642	68107	Zinc	147.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48643	68107	Zinc	343.9696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48647	68107	Zinc	489.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48649	68107	Zinc	364.5731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48651	68107	Zinc	184.713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48652	68107	Zinc	305.842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48654	68107	Zinc	686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48655	68107	Zinc	303.6437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48656	68107	Zinc	204.2485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48659	68107	Zinc	206.9007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48661	68107	Zinc	442.7329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48662	68107	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48663	68107	Zinc	278.4567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48667	68107	Zinc	279.8629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48668	68107	Zinc	198.0897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48670	68107	Zinc	255.6193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48671	68107	Zinc	273.6062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48672	68107	Zinc	202.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48674	68107	Zinc	173.3388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48675	68107	Zinc	143.595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48676	68107	Zinc	238.7894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48677	68107	Zinc	174.5136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48679	68107	Zinc	870.8496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48680	68107	Zinc	459.0822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48681	68107	Zinc	384.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48682	68107	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48684	68107	Zinc	522.6994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48685	68107	Zinc	153.8923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48687	68107	Zinc	164.2608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48689	68107	Zinc	167.358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48691	68107	Zinc	213.2998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48693	68107	Zinc	435.1145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48694	68107	Zinc	416.6381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48695	68107	Zinc	292.1983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48696	68107	Zinc	245.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48697	68107	Zinc	246.1942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48698	68107	Zinc	523.6339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48699	68107	Zinc	334.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48701	68107	Zinc	620.7863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48702	68107	Zinc	662.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48703	68107	Zinc	432.6403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48705	68107	Zinc	587.6961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48708	68107	Zinc	446.4353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48710	68107	Zinc	591.7545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48711	68107	Zinc	197.2086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48715	68107	Zinc	611.2989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48718	68107	Zinc	917.984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48719	68107	Zinc	1441.037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
48720	68107	Zinc	488.0606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48721	68107	Zinc	1083.524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
48722	68107	Zinc	403.8488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48723	68107	Zinc	389.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48724	68107	Zinc	359.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48725	68107	Zinc	332.4886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48726	68107	Zinc	551.1794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48727	68107	Zinc	355.237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48728	68107	Zinc	212.8192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48731	68107	Zinc	283.7878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48732	68107	Zinc	335.1052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48733	68107	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48734	68107	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48736	68107	Zinc	377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48737	68107	Zinc	359.8917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48738	68107	Zinc	577.0962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48739	68107	Zinc	360.666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48741	68107	Zinc	364.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48743	68107	Zinc	493.8634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48744	68107	Zinc	206.2866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48745	68107	Zinc	613.6129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48746	68107	Zinc	541.6208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48747	68107	Zinc	440	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48760	68107	Zinc	219.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48762	68107	Zinc	307.5241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48764	68107	Zinc	493.8278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48765	68107	Zinc	285.8793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48766	68107	Zinc	296.8441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48767	68107	Zinc	835.8548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48768	68107	Zinc	221.4611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48771	68107	Zinc	190.4446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48772	68107	Zinc	188.629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48773	68107	Zinc	297.9121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48774	68107	Zinc	226.9524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48775	68107	Zinc	235.1137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48776	68107	Zinc	1578.008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
48777	68107	Zinc	199.1399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48778	68107	Zinc	255.6104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48779	68107	Zinc	1107.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
48780	68107	Zinc	212.4187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48782	68107	Zinc	302.1307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48783	68107	Zinc	280.6461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48784	68107	Zinc	219.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48785	68107	Zinc	266.5841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48786	68107	Zinc	232.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48791	68107	Zinc	383.8683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48795	68107	Zinc	214.2521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48796	68107	Zinc	596.5427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48797	68107	Zinc	512.589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48798	68107	Zinc	284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48799	68107	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48800	68107	Zinc	165.8094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48801	68107	Zinc	432.8628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48803	68107	Zinc	182.7194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48804	68107	Zinc	299.2204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48805	68107	Zinc	213.0862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48806	68107	Zinc	315.5608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48807	68107	Zinc	164.7503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48810	68107	Zinc	180.9038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48811	68107	Zinc	282.0612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48813	68107	Zinc	473.0908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48814	68107	Zinc	166.6282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48815	68107	Zinc	223.6149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48816	68107	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48817	68107	Zinc	202.9847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48818	68107	Zinc	337.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48819	68107	Zinc	547.2545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48820	68107	Zinc	162.997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48821	68107	Zinc	371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48822	68107	Zinc	797.389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
48823	68107	Zinc	313.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48824	68107	Zinc	185.6297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48825	68107	Zinc	405.3351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48826	68107	Zinc	288.3624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48827	68107	Zinc	443.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48830	68107	Zinc	248.081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48831	68107	Zinc	257.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48832	68107	Zinc	322.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48833	68107	Zinc	272.1555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48835	68107	Zinc	282.0167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48836	68107	Zinc	262.9618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48837	68107	Zinc	221.1407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48838	68107	Zinc	500.663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48839	68107	Zinc	439.4721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48840	68107	Zinc	125.9285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48841	68107	Zinc	334.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48844	68107	Zinc	148.6769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48846	68107	Zinc	237.4099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48847	68107	Zinc	309.2774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48848	68107	Zinc	178.0736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48850	68107	Zinc	295.9452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48851	68107	Zinc	572.1745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48852	68107	Zinc	186.2527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48853	68107	Zinc	259.3484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48854	68107	Zinc	188.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48855	68107	Zinc	374.5856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48856	68107	Zinc	578.2621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48857	68107	Zinc	321.506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48858	68107	Zinc	320.9453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48860	68107	Zinc	123.6946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48861	68107	Zinc	120.0011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
48862	68107	Zinc	216.6017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48864	68107	Zinc	215.8808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48867	68107	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
48868	68107	Zinc	293.8181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48869	68107	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48871	68107	Zinc	573.9634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48872	68107	Zinc	177.4239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48873	68107	Zinc	665.6512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48874	68107	Zinc	226.4718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48875	68107	Zinc	173.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
48889	68107	Zinc	753.0937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48892	68107	Zinc	218.1681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48893	68107	Zinc	365.8191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48897	68107	Zinc	298.5618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48898	68107	Zinc	155.4854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48899	68107	Zinc	572.4682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
48900	68107	Zinc	179.3018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
48901	68107	Zinc	377.843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48902	68107	Zinc	197.5379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48903	68107	Zinc	279.6404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48904	68107	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48905	68107	Zinc	308.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48906	68107	Zinc	126.8452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
48907	68107	Zinc	428.0123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48908	68107	Zinc	186.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48910	68107	Zinc	295.4112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48914	68107	Zinc	444.8778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48916	68107	Zinc	389.0036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48917	68107	Zinc	354.8009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48920	68107	Zinc	186.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48921	68107	Zinc	347.3427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48923	68107	Zinc	398.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48925	68107	Zinc	322.2091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48926	68107	Zinc	363.5407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48927	68107	Zinc	753.1115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48929	68107	Zinc	257.3993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48931	68107	Zinc	866.7378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48932	68107	Zinc	282.524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48935	68107	Zinc	229.0795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48936	68107	Zinc	159.4726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48937	68107	Zinc	332.0881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48939	68107	Zinc	1251.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
48941	68107	Zinc	407.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48943	68107	Zinc	281.634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48944	68107	Zinc	256.4114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48946	68107	Zinc	442.2523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48948	68107	Zinc	204.471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48949	68107	Zinc	222.4935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48952	68107	Zinc	254.0262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48953	68107	Zinc	149.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
48954	68107	Zinc	194.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48956	68107	Zinc	320.9275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48958	68107	Zinc	1413.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
48959	68107	Zinc	325.7958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48962	68107	Zinc	347.9835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48963	68107	Zinc	307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48964	68107	Zinc	497.0407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48965	68107	Zinc	356.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48968	68107	Zinc	535.6133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48969	68107	Zinc	346.8799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48971	68107	Zinc	230.548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48972	68107	Zinc	308.7078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48973	68107	Zinc	868.3843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
48974	68107	Zinc	276.4898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48975	68107	Zinc	410.3369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48976	68107	Zinc	186.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
48977	68107	Zinc	347.6453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
48978	68107	Zinc	508.0411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48981	68107	Zinc	199.4603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
48982	68107	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48983	68107	Zinc	376.9708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48984	68107	Zinc	326.5345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48985	68107	Zinc	601.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48986	68107	Zinc	292.848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48987	68107	Zinc	325.9204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48988	68107	Zinc	155.7791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
48989	68107	Zinc	413.2739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48990	68107	Zinc	588.2034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
48991	68107	Zinc	269.4855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48992	68107	Zinc	359.7048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48994	68107	Zinc	220.3041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48996	68107	Zinc	449.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
48997	68107	Zinc	213.7982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
48998	68107	Zinc	292.5187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48999	68107	Zinc	239.893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49000	68107	Zinc	213.5045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49001	68107	Zinc	414.4309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49002	68107	Zinc	460.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49003	68107	Zinc	1292.407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
49006	68107	Zinc	114.2873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49007	68107	Zinc	362.9177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49008	68107	Zinc	157.2832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49009	68107	Zinc	286.3065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49012	68107	Zinc	199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49013	68107	Zinc	397.0225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49014	68107	Zinc	229.0172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49015	68107	Zinc	589.3604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49016	68107	Zinc	304.0887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49032	68107	Zinc	270.4912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49033	68107	Zinc	273.5884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49035	68107	Zinc	340.4363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49036	68107	Zinc	200.9733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49037	68107	Zinc	368.4001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49038	68107	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49040	68107	Zinc	362.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49042	68107	Zinc	616.0426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49044	68107	Zinc	195.393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49046	68107	Zinc	452.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49048	68107	Zinc	408.459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49050	68107	Zinc	205.8772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49052	68107	Zinc	414.0749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49053	68107	Zinc	544.7002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49054	68107	Zinc	370.6607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49055	68107	Zinc	135.318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49056	68107	Zinc	376.0274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49058	68107	Zinc	479.7124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49059	68107	Zinc	179.9871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49061	68107	Zinc	406.7947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49062	68107	Zinc	572.7441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49063	68107	Zinc	886.0775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49066	68107	Zinc	331.9457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49067	68107	Zinc	187.0626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49068	68107	Zinc	378.3859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49070	68107	Zinc	157.1052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49071	68107	Zinc	234.6954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49072	68107	Zinc	289.9377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49074	68107	Zinc	371.4706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49075	68107	Zinc	234.0546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49076	68107	Zinc	269.4054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49077	68107	Zinc	223.4369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49078	68107	Zinc	321.8264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49079	68107	Zinc	542.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49081	68107	Zinc	311.1464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49082	68107	Zinc	433.0319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49083	68107	Zinc	354.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49085	68107	Zinc	309.4999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49087	68107	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49088	68107	Zinc	344.8507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49091	68107	Zinc	341.1661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49092	68107	Zinc	303.9018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49093	68107	Zinc	404.8634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49095	68107	Zinc	231.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49096	68107	Zinc	475.6807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49098	68107	Zinc	269.9127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49099	68107	Zinc	246.8172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49100	68107	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49104	68107	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49105	68107	Zinc	481.8306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49106	68107	Zinc	367.786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49107	68107	Zinc	974.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49109	68107	Zinc	504.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49111	68107	Zinc	206.3756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49112	68107	Zinc	346.7998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49113	68107	Zinc	495.3052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49114	68107	Zinc	327.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49115	68107	Zinc	220.402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49116	68107	Zinc	761.522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49117	68107	Zinc	228.7591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49118	68107	Zinc	1216.223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
49119	68107	Zinc	444.3616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49120	68107	Zinc	718.2324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49121	68107	Zinc	368.1242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49122	68107	Zinc	289.3859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49123	68107	Zinc	607.4452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49124	68107	Zinc	597.9222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49125	68107	Zinc	483.1923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49126	68107	Zinc	188.2374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49127	68107	Zinc	306.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49128	68107	Zinc	175.8664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49131	68107	Zinc	345.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49132	68107	Zinc	453.5998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49133	68107	Zinc	346.8443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49134	68107	Zinc	441.6115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49135	68107	Zinc	316.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49136	68107	Zinc	176.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49137	68107	Zinc	498.3045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49138	68107	Zinc	504.0984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49139	68107	Zinc	240.8631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49165	68107	Zinc	457.3556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49167	68107	Zinc	293.6401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49172	68107	Zinc	266.7977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49173	68107	Zinc	201.2403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49174	68107	Zinc	317.7235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49184	68107	Zinc	233.307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49185	68107	Zinc	443.2313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49186	68107	Zinc	203.2962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49221	68107	Zinc	143.4971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49222	68107	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49223	68107	Zinc	130.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49224	68107	Zinc	131.0193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49225	68107	Zinc	151.3647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49226	68107	Zinc	435.1768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49227	68107	Zinc	367.6169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49229	68107	Zinc	200.644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49230	68107	Zinc	136.831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49231	68107	Zinc	220.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49232	68107	Zinc	265.8632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49233	68107	Zinc	167.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49234	68107	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49235	68107	Zinc	106.9359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49236	68107	Zinc	55.307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	3E-04
49239	68107	Zinc	1185.073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
49240	68107	Zinc	348.9358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49245	68107	Zinc	385.3813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49249	68107	Zinc	316.7445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49250	68107	Zinc	209.099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49251	68107	Zinc	421.8891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49252	68107	Zinc	269.8237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49368	68107	Zinc	443.4983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49369	68107	Zinc	538.7995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49371	68107	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49372	68107	Zinc	110.7184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49375	68107	Zinc	130.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49377	68107	Zinc	125.5636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49378	68107	Zinc	136.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49379	68107	Zinc	180.9928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49380	68107	Zinc	118.1677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49382	68107	Zinc	159.3391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49383	68107	Zinc	193.6041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49385	68107	Zinc	201.0178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49386	68107	Zinc	915.937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49387	68107	Zinc	149.9585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49388	68107	Zinc	175.1633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49389	68107	Zinc	178.6966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49390	68107	Zinc	251.8457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49391	68107	Zinc	199.8786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49392	68107	Zinc	121.0869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49393	68107	Zinc	147.0393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49394	68107	Zinc	189.6614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49395	68107	Zinc	242.0557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49396	68107	Zinc	259.6154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49397	68107	Zinc	183.2801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49398	68107	Zinc	312.4547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49400	68107	Zinc	499.2479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49401	68107	Zinc	163.5577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49402	68107	Zinc	143.7819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49403	68107	Zinc	146.3718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49404	68107	Zinc	409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49405	68107	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49406	68107	Zinc	329.9165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49408	68107	Zinc	184.6952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49410	68107	Zinc	214.8395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49411	68107	Zinc	135.5227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49412	68107	Zinc	135.3803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49413	68107	Zinc	1424.839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
49414	68107	Zinc	282.4261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49416	68107	Zinc	738.4443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49417	68107	Zinc	207.7818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49418	68107	Zinc	174.0597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49419	68107	Zinc	126.5871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49420	68107	Zinc	513.1408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49421	68107	Zinc	149.4957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49425	68107	Zinc	198.6771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49428	68107	Zinc	299.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49429	68107	Zinc	569.5846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49430	68107	Zinc	258.5029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49432	68107	Zinc	152.6285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49433	68107	Zinc	225.5373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49434	68107	Zinc	201.445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49435	68107	Zinc	129.3194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49436	68107	Zinc	223.8641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49437	68107	Zinc	158.9564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49438	68107	Zinc	346.2124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49439	68107	Zinc	179.0526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49441	68107	Zinc	145.2237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49442	68107	Zinc	162.2939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49443	68107	Zinc	173.0095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49444	68107	Zinc	179.3107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49445	68107	Zinc	139.5633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49446	68107	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49447	68107	Zinc	157.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49448	68107	Zinc	173.499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49449	68107	Zinc	128.4294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49450	68107	Zinc	136.7509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD$_{ABS}$ (mg/kg-d)	CSF$_{ABS}$ (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49466	68107	Zinc	169.0223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49467	68107	Zinc	293.5867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49468	68107	Zinc	615.9714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49469	68107	Zinc	177.2993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49470	68107	Zinc	213.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49471	68107	Zinc	419.1123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49473	68107	Zinc	179.7023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49474	68107	Zinc	335.5591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49475	68107	Zinc	139.6256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49476	68107	Zinc	164.7414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49482	68107	Zinc	293.4799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50008	68107	Zinc	173.855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50135	68107	Zinc	224.6651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50136	68107	Zinc	258.8945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50137	68107	Zinc	225.1991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50138	68107	Zinc	242.7054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50139	68107	Zinc	217.1802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50140	68107	Zinc	253.2875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50141	68107	Zinc	237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50142	68107	Zinc	255.379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50143	68107	Zinc	311.3778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50144	68107	Zinc	264.7596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50153	68107	Zinc	216.6195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50154	68107	Zinc	238.0507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50155	68107	Zinc	147.6623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50156	68107	Zinc	307.8712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50157	68107	Zinc	271.0163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50158	68107	Zinc	181.3933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50159	68107	Zinc	227.2283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50160	68107	Zinc	170.9002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50161	68107	Zinc	176.6318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50162	68107	Zinc	222.8851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50163	68107	Zinc	317.0738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50164	68107	Zinc	205.0317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50165	68107	Zinc	210.3717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50166	68107	Zinc	223.4547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50167	68107	Zinc	224.2023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50168	68107	Zinc	253.5901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50169	68107	Zinc	208.8409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50170	68107	Zinc	242.919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50171	68107	Zinc	270.9451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50172	68107	Zinc	285.6123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50173	68107	Zinc	229.0795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50174	68107	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50175	68107	Zinc	228.6078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50176	68107	Zinc	400.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50177	68107	Zinc	203.1271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50178	68107	Zinc	159.7841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50179	68107	Zinc	172.6802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50180	68107	Zinc	260.452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50181	68107	Zinc	172.0038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50182	68107	Zinc	157.4167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50183	68107	Zinc	181.6781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50184	68107	Zinc	197.3599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50185	68107	Zinc	188.7358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50186	68107	Zinc	170.1971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50187	68107	Zinc	204.3909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50188	68107	Zinc	274.6742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50189	68107	Zinc	258.6097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50190	68107	Zinc	148.3832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50191	68107	Zinc	160.7275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50192	68107	Zinc	179.1683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50193	68107	Zinc	212.0449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50194	68107	Zinc	235.5587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50195	68107	Zinc	213.6202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50196	68107	Zinc	152.8243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50197	68107	Zinc	177.5307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50198	68107	Zinc	160.0155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50199	68107	Zinc	205.6191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50200	68107	Zinc	268.7735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50201	68107	Zinc	182.1943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50202	68107	Zinc	150.4747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50203	68107	Zinc	209.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50204	68107	Zinc	315.9079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50205	68107	Zinc	143.0165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50206	68107	Zinc	170.1971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50207	68107	Zinc	165.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50208	68107	Zinc	131.758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50209	68107	Zinc	149.7894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50210	68107	Zinc	167.4114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50211	68107	Zinc	190.7917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50212	68107	Zinc	183.3424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50213	68107	Zinc	161.3772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50214	68107	Zinc	132.3276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50215	68107	Zinc	174.3534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50216	68107	Zinc	205.4678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50217	68107	Zinc	172.3687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50218	68107	Zinc	143.7997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50229	68107	Zinc	221.1496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50230	68107	Zinc	182.1409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50231	68107	Zinc	247.6271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50232	68107	Zinc	136.1813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50233	68107	Zinc	193.3015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50234	68107	Zinc	188.0594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50235	68107	Zinc	165.0796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50236	68107	Zinc	158.4224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50237	68107	Zinc	218.9513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50238	68107	Zinc	164.7681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50239	68107	Zinc	175.4392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50240	68107	Zinc	249.8966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50241	68107	Zinc	188.2908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50242	68107	Zinc	771.2497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
50243	68107	Zinc	204.827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50244	68107	Zinc	140.6402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50245	68107	Zinc	170.0903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50246	68107	Zinc	193.7198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50247	68107	Zinc	172.1729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50248	68107	Zinc	227.8602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50249	68107	Zinc	163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50250	68107	Zinc	281.9544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50251	68107	Zinc	172.4933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50262	68107	Zinc	597.7798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50263	68107	Zinc	189.8572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50264	68107	Zinc	161.1814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50265	68107	Zinc	198.0096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50266	68107	Zinc	141.6103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50267	68107	Zinc	199.4781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50268	68107	Zinc	155.5922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50269	68107	Zinc	152.7798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50270	68107	Zinc	289.7864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50271	68107	Zinc	129.9335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50272	68107	Zinc	270.1352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50273	68107	Zinc	227.7178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50274	68107	Zinc	224.318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50275	68107	Zinc	219.2094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50276	68107	Zinc	182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50277	68107	Zinc	135.4693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50278	68107	Zinc	146.3184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50279	68107	Zinc	169.7699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50280	68107	Zinc	163.967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50281	68107	Zinc	263.5937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50282	68107	Zinc	181.9451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50283	68107	Zinc	174.7717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50284	68107	Zinc	153.3939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50285	68107	Zinc	234.8823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50286	68107	Zinc	166.023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50287	68107	Zinc	182.0697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50288	68107	Zinc	175.2701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50289	68107	Zinc	193.0879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50290	68107	Zinc	239.003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50291	68107	Zinc	214.9285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50292	68107	Zinc	141.0585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50293	68107	Zinc	195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50294	68107	Zinc	169.1113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50295	68107	Zinc	181.0284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50296	68107	Zinc	182.2833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50297	68107	Zinc	190.3823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50298	68107	Zinc	181.1441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50299	68107	Zinc	155.0849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50300	68107	Zinc	247.1554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50301	68107	Zinc	190.9697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50302	68107	Zinc	192.7586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50303	68107	Zinc	213.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50304	68107	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50305	68107	Zinc	211.2617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50306	68107	Zinc	168.7197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50307	68107	Zinc	322.7431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50308	68107	Zinc	224.6117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50309	68107	Zinc	194.325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50310	68107	Zinc	223.873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50311	68107	Zinc	193.3193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50312	68107	Zinc	214.4924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50313	68107	Zinc	201.6764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50314	68107	Zinc	205.1919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50315	68107	Zinc	168.8888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50316	68107	Zinc	195.7223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50317	68107	Zinc	155.6901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50318	68107	Zinc	193.613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50319	68107	Zinc	153.5274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50320	68107	Zinc	207.408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50321	68107	Zinc	193.8444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50322	68107	Zinc	134.8107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50323	68107	Zinc	154.5954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50324	68107	Zinc	228.3853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50325	68107	Zinc	264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50326	68107	Zinc	288.5226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50337	68107	Zinc	233.0222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50338	68107	Zinc	171.8881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50339	68107	Zinc	191.0943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50340	68107	Zinc	196.3097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50341	68107	Zinc	236.9649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50342	68107	Zinc	238.7805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50343	68107	Zinc	255.2455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50344	68107	Zinc	246.7015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50345	68107	Zinc	335.7549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50346	68107	Zinc	229.8627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50347	68107	Zinc	327.7271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50348	68107	Zinc	223.1877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50349	68107	Zinc	182.2032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50350	68107	Zinc	253.6346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50351	68107	Zinc	239.1276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50352	68107	Zinc	326.3743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50353	68107	Zinc	226.9613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50354	68107	Zinc	145.5085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50357	68107	Zinc	320.8474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50358	68107	Zinc	176.1512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50359	68107	Zinc	160.2291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50360	68107	Zinc	170.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50361	68107	Zinc	265.6318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50362	68107	Zinc	201.9256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50365	68107	Zinc	153.0201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50373	68107	Zinc	214.4479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50374	68107	Zinc	159.6773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50385	68107	Zinc	221.3009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50386	68107	Zinc	185.2915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50387	68107	Zinc	262.7838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50388	68107	Zinc	187.3385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50389	68107	Zinc	185.0601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50420	68107	Zinc	217.5985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50535	68107	Zinc	719.5585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50537	68107	Zinc	664.2717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50548	68107	Zinc	513.4968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50552	68107	Zinc	338.6029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50587	68107	Zinc	217.9723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50588	68107	Zinc	106.3129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50630	68107	Zinc	710.6852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50631	68107	Zinc	446.2128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52248	68107	Zinc	133.9741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52415	68107	Zinc	163.3797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52418	68107	Zinc	250.1369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
57178	68107	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
62354	68107	Zinc	125.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
64027	68107	Zinc	238.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
64253	68107	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
70328	68107	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
73069	68107	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
75136	68107	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
75137	68107	Zinc	477.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
76891	68107	Zinc	280	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
78415	68107	Zinc	179.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
82242	68107	Zinc	461.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
82245	68107	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
87461	68107	Zinc	160.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
87462	68107	Zinc	484.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
87944	68107	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
88137	68107	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88138	68107	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
89358	68107	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
89377	68107	Zinc	127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
89384	68107	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
89408	68107	Zinc	324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
89692	68107	Zinc	177.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
90259	68107	Zinc	114.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
90316	68107	Zinc	141.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90332	68107	Zinc	249.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90517	68107	Zinc	230.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90518	68107	Zinc	555.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
90897	68107	Zinc	541.6386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
91079	68107	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91080	68107	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93231	68107	Zinc	189.9462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
93312	68107	Zinc	368.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93391	68107	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93495	68107	Zinc	468.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93519	68107	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
9	68108	Zinc	294.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
11	68108	Zinc	232.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13	68108	Zinc	634.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14	68108	Zinc	1241.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
17	68108	Zinc	534.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19	68108	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
46	68108	Zinc	268.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
48	68108	Zinc	321.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
54	68108	Zinc	613.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
55	68108	Zinc	299.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
65	68108	Zinc	150.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
66	68108	Zinc	1669.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
68	68108	Zinc	280.388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
86	68108	Zinc	329.338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
89	68108	Zinc	589.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
91	68108	Zinc	114.225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
96	68108	Zinc	330.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
100	68108	Zinc	100.163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
101	68108	Zinc	143.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
102	68108	Zinc	235.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
103	68108	Zinc	124.015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
104	68108	Zinc	227.878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
105	68108	Zinc	91.886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
108	68108	Zinc	124.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
109	68108	Zinc	244.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
110	68108	Zinc	280.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
111	68108	Zinc	285.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
112	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
119	68108	Zinc	489.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
122	68108	Zinc	341.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
124	68108	Zinc	329.516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
126	68108	Zinc	547.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
129	68108	Zinc	300.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
130	68108	Zinc	218.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
131	68108	Zinc	560.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
132	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
133	68108	Zinc	223.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
134	68108	Zinc	476.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
135	68108	Zinc	1170.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
136	68108	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
138	68108	Zinc	238.422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
139	68108	Zinc	536.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
140	68108	Zinc	417.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
143	68108	Zinc	321.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
145	68108	Zinc	273.446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
148	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
150	68108	Zinc	328.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
151	68108	Zinc	274.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
156	68108	Zinc	560.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
158	68108	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
162	68108	Zinc	375.262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
166	68108	Zinc	305.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
167	68108	Zinc	229.302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
172	68108	Zinc	449.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
175	68108	Zinc	225.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
176	68108	Zinc	361.378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
177	68108	Zinc	238.914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
179	68108	Zinc	370.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
183	68108	Zinc	226.098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
185	68108	Zinc	392.884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
187	68108	Zinc	270.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
190	68108	Zinc	566.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
205	68108	Zinc	204.827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
207	68108	Zinc	356.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
216	68108	Zinc	353.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
229	68108	Zinc	603.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
257	68108	Zinc	220.758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
258	68108	Zinc	271.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
260	68108	Zinc	319.548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
262	68108	Zinc	245.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
263	68108	Zinc	291.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
264	68108	Zinc	235.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
265	68108	Zinc	228.946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
267	68108	Zinc	686.584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
269	68108	Zinc	204.827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
271	68108	Zinc	313.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
273	68108	Zinc	608.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
274	68108	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
275	68108	Zinc	138.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
278	68108	Zinc	583.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
279	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
280	68108	Zinc	323.998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
281	68108	Zinc	366.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
284	68108	Zinc	227.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
286	68108	Zinc	260.274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
287	68108	Zinc	519.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
288	68108	Zinc	236.778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
298	68108	Zinc	347.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
327	68108	Zinc	318.658	3.00E-01	--	3.00E-01	--	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
356	68108	Zinc	254.578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
359	68108	Zinc	149.558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
362	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
366	68108	Zinc	387.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
372	68108	Zinc	244.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
375	68108	Zinc	130.957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
377	68108	Zinc	452.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
380	68108	Zinc	117.785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
381	68108	Zinc	268.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
384	68108	Zinc	146.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
394	68108	Zinc	363.514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
455	68108	Zinc	447.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
490	68108	Zinc	408.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
493	68108	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
501	68108	Zinc	336.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
505	68108	Zinc	155.076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
511	68108	Zinc	167.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
513	68108	Zinc	754.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
521	68108	Zinc	168.515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
523	68108	Zinc	261.342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
524	68108	Zinc	332.186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
525	68108	Zinc	100.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
526	68108	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
531	68108	Zinc	617.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
536	68108	Zinc	156.322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
545	68108	Zinc	338.238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
549	68108	Zinc	244.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
550	68108	Zinc	520.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
556	68108	Zinc	500.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
557	68108	Zinc	220.046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
596	68108	Zinc	557.712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
601	68108	Zinc	311.538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
634	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
636	68108	Zinc	136.831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
649	68108	Zinc	492.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
656	68108	Zinc	97.849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
657	68108	Zinc	2274.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
700	68108	Zinc	433.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
701	68108	Zinc	366.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
711	68108	Zinc	471.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
723	68108	Zinc	177.237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
734	68108	Zinc	243.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
752	68108	Zinc	121.612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
759	68108	Zinc	324.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
800	68108	Zinc	293.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
806	68108	Zinc	370.634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
812	68108	Zinc	234.998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
815	68108	Zinc	214.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
819	68108	Zinc	282.524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
870	68108	Zinc	179.818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
897	68108	Zinc	277.718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
933	68108	Zinc	283.058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
989	68108	Zinc	448.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
995	68108	Zinc	410.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1004	68108	Zinc	194.325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1171	68108	Zinc	658.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1250	68108	Zinc	370.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1387	68108	Zinc	420.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1391	68108	Zinc	372.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1395	68108	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1398	68108	Zinc	339.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1508	68108	Zinc	347.138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1513	68108	Zinc	299.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1514	68108	Zinc	344.824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1522	68108	Zinc	273.802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1523	68108	Zinc	471.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1525	68108	Zinc	405.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1526	68108	Zinc	266.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1527	68108	Zinc	1126.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
1529	68108	Zinc	497.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1556	68108	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1557	68108	Zinc	586.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
1558	68108	Zinc	156.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1559	68108	Zinc	881.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
1561	68108	Zinc	143.417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1567	68108	Zinc	140.569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1568	68108	Zinc	355.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1569	68108	Zinc	505.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1579	68108	Zinc	367.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1581	68108	Zinc	318.658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1582	68108	Zinc	361.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1585	68108	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1586	68108	Zinc	577.826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
1588	68108	Zinc	262.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1589	68108	Zinc	356.038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1591	68108	Zinc	349.986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1601	68108	Zinc	1117.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
1613	68108	Zinc	169.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1620

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2388	68108	Zinc	184.1612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2471	68108	Zinc	534.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2518	68108	Zinc	362.0544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2519	68108	Zinc	582.3828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
2521	68108	Zinc	270.3221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2522	68108	Zinc	417.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2527	68108	Zinc	475.5472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2530	68108	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2531	68108	Zinc	985.001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
2532	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3005	68108	Zinc	283.4496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3100	68108	Zinc	380.8957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5024	68108	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5048	68108	Zinc	466.932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5075	68108	Zinc	496.124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5078	68108	Zinc	335.924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5080	68108	Zinc	213.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5081	68108	Zinc	291.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5084	68108	Zinc	180.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5087	68108	Zinc	333.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5088	68108	Zinc	254.934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5093	68108	Zinc	992.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5225	68108	Zinc	1437.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
5226	68108	Zinc	219.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5227	68108	Zinc	263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5229	68108	Zinc	267.8835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5284	68108	Zinc	570.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5300	68108	Zinc	185.069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5301	68108	Zinc	294.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5302	68108	Zinc	246.034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5303	68108	Zinc	460.524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5304	68108	Zinc	450.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5305	68108	Zinc	178.661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5306	68108	Zinc	329.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5307	68108	Zinc	273.802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5321	68108	Zinc	540.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5323	68108	Zinc	327.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5324	68108	Zinc	514.3423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5332	68108	Zinc	518.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5385	68108	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5386	68108	Zinc	373.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5387	68108	Zinc	325.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5390	68108	Zinc	241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5391	68108	Zinc	227.522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5392	68108	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5393	68108	Zinc	312.8374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5394	68108	Zinc	788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
5395	68108	Zinc	452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5396	68108	Zinc	265.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5397	68108	Zinc	147.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5398	68108	Zinc	415.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5399	68108	Zinc	436.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5400	68108	Zinc	434.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5401	68108	Zinc	380.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5402	68108	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5403	68108	Zinc	348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5404	68108	Zinc	304.596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5405	68108	Zinc	299.078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5407	68108	Zinc	343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5408	68108	Zinc	366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5409	68108	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5410	68108	Zinc	503.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5411	68108	Zinc	498.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5412	68108	Zinc	298.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5413	68108	Zinc	672.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5415	68108	Zinc	481.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5416	68108	Zinc	229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5417	68108	Zinc	150.537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5418	68108	Zinc	209.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5422	68108	Zinc	406.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5423	68108	Zinc	253.154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5425	68108	Zinc	395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5426	68108	Zinc	120.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5427	68108	Zinc	434.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5428	68108	Zinc	206.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5429	68108	Zinc	144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5430	68108	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5431	68108	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5432	68108	Zinc	721.472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5433	68108	Zinc	451.268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5434	68108	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5435	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5436	68108	Zinc	529.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5437	68108	Zinc	282.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5438	68108	Zinc	671.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5439	68108	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5440	68108	Zinc	701.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5443	68108	Zinc	190.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5458	68108	Zinc	235.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5459	68108	Zinc	296.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5460	68108	Zinc	169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5461	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5462	68108	Zinc	264.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5463	68108	Zinc	251.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5466	68108	Zinc	256.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5467	68108	Zinc	217.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5468	68108	Zinc	460.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5469	68108	Zinc	138.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5470	68108	Zinc	179.729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5471	68108	Zinc	492.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5472	68108	Zinc	233.574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5473	68108	Zinc	508.584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5474	68108	Zinc	366.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5476	68108	Zinc	141.281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5477	68108	Zinc	116.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5480	68108	Zinc	524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5481	68108	Zinc	271.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5482	68108	Zinc	346.248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5483	68108	Zinc	228.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5484	68108	Zinc	301.926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5485	68108	Zinc	353.546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5491	68108	Zinc	239.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5492	68108	Zinc	565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5500	68108	Zinc	474.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5502	68108	Zinc	381.4119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5504	68108	Zinc	334.322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5505	68108	Zinc	321.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5510	68108	Zinc	240.338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5511	68108	Zinc	141.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5512	68108	Zinc	192.545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5571	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5572	68108	Zinc	230	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5573	68108	Zinc	306.732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5574	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5583	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5587	68108	Zinc	690.2597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5588	68108	Zinc	339.8311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5589	68108	Zinc	404.9613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5591	68108	Zinc	433.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5603	68108	Zinc	268.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5605	68108	Zinc	87.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
5606	68108	Zinc	302.994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5607	68108	Zinc	308.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5608	68108	Zinc	269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5609	68108	Zinc	298.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5623	68108	Zinc	308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5628	68108	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5630	68108	Zinc	359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5633	68108	Zinc	365.116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5634	68108	Zinc	419.584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5636	68108	Zinc	852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5637	68108	Zinc	467.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5638	68108	Zinc	541.7098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5652	68108	Zinc	429.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5653	68108	Zinc	192.723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5656	68108	Zinc	279.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5657	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5658	68108	Zinc	154.009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5659	68108	Zinc	288.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5660	68108	Zinc	912.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5663	68108	Zinc	467.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5664	68108	Zinc	422.9037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5672	68108	Zinc	410.3458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5673	68108	Zinc	254.9162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5674	68108	Zinc	275.2438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5682	68108	Zinc	560.5778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5683	68108	Zinc	427.4872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5693	68108	Zinc	326.223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5694	68108	Zinc	367.0651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5695	68108	Zinc	270.0373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12734	68108	Zinc	287.1253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12745	68108	Zinc	515.793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12758	68108	Zinc	383.2275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12773	68108	Zinc	231.2155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12782	68108	Zinc	225.5996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12795	68108	Zinc	200.822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12806	68108	Zinc	314.6441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12808	68108	Zinc	514.4936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12816	68108	Zinc	338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
12822	68108	Zinc	376.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12824	68108	Zinc	135.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
12828	68108	Zinc	392.3767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12832	68108	Zinc	224.5138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12842	68108	Zinc	225.0033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12859	68108	Zinc	517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12880	68108	Zinc	290.4183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
12919	68108	Zinc	194.8412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12922	68108	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12924	68108	Zinc	204.7113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
12925	68108	Zinc	299.5052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12926	68108	Zinc	255.3701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12931	68108	Zinc	649.3464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
12933	68108	Zinc	376.2054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12937	68108	Zinc	169.583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
12938	68108	Zinc	252.8247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12939	68108	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12940	68108	Zinc	195.7935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12942	68108	Zinc	489.7783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12947	68108	Zinc	254.8361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12953	68108	Zinc	191.3969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12956	68108	Zinc	230.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12957	68108	Zinc	263.3178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
12960	68108	Zinc	186.4129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
12977	68108	Zinc	381.6433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12980	68108	Zinc	357.2484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
12986	68108	Zinc	323.9357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13000	68108	Zinc	231.2956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13002	68108	Zinc	425.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13007	68108	Zinc	596.7741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13008	68108	Zinc	282.9512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13011	68108	Zinc	545.6703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13014	68108	Zinc	332.7912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13019	68108	Zinc	222.3244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13020	68108	Zinc	287.2588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13029	68108	Zinc	422.1116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13031	68108	Zinc	201.9701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13041	68108	Zinc	160.7097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13046	68108	Zinc	242.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13047	68108	Zinc	367.2075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13049	68108	Zinc	297.1823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13058	68108	Zinc	264.7151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13061	68108	Zinc	242.6698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13067	68108	Zinc	340.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13071	68108	Zinc	201.267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13079	68108	Zinc	788.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13082	68108	Zinc	174.389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13090	68108	Zinc	256.7407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13094	68108	Zinc	255.8774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13097	68108	Zinc	296.2745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13099	68108	Zinc	620.9109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13101	68108	Zinc	582.3205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
13102	68108	Zinc	737.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13103	68108	Zinc	677.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13105	68108	Zinc	347.3694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13108	68108	Zinc	633.0861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13109	68108	Zinc	423.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13113	68108	Zinc	380.2015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13115	68108	Zinc	298.3126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13116	68108	Zinc	391.9317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13117	68108	Zinc	290.3738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13118	68108	Zinc	187.0448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13119	68108	Zinc	231.6961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13120	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13123	68108	Zinc	326.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13126	68108	Zinc	782.4548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13127	68108	Zinc	254.2665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13130	68108	Zinc	252.798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13131	68108	Zinc	310.5145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13132	68108	Zinc	385.3279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13133	68108	Zinc	329.2846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13134	68108	Zinc	187.4542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13135	68108	Zinc	334.8382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13136	68108	Zinc	250.8934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13138	68108	Zinc	335.3277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13139	68108	Zinc	375.5824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13140	68108	Zinc	266.4417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13141	68108	Zinc	229.6224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13142	68108	Zinc	457.3823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13143	68108	Zinc	698.6346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13144	68108	Zinc	612.447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13145	68108	Zinc	221.114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13146	68108	Zinc	438.8436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13148	68108	Zinc	249.8788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13149	68108	Zinc	307.1681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13152	68108	Zinc	198.9619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13153	68108	Zinc	263.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13154	68108	Zinc	428.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13155	68108	Zinc	239.6082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13156	68108	Zinc	267.6165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13157	68108	Zinc	281.2513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13159	68108	Zinc	328.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13164	68108	Zinc	722.3976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13169	68108	Zinc	153.9813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13171	68108	Zinc	301.5522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13210	68108	Zinc	387.8911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13213	68108	Zinc	181.5624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13214	68108	Zinc	361.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13217	68108	Zinc	314.6085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13218	68108	Zinc	295.5002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13220	68108	Zinc	223.428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13222	68108	Zinc	459.5183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13224	68108	Zinc	293.4443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13225	68108	Zinc	368.2666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13227	68108	Zinc	379.0445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13232	68108	Zinc	731.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13233	68108	Zinc	267.4385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13239	68108	Zinc	265.1868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13241	68108	Zinc	557.089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
13242	68108	Zinc	157.1141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13246	68108	Zinc	188.2908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13247	68108	Zinc	197.3955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13253	68108	Zinc	283.8768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13254	68108	Zinc	432.845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13258	68108	Zinc	280.1566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13260	68108	Zinc	250.9913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13267	68108	Zinc	570.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
13275	68108	Zinc	153.8033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13276	68108	Zinc	225.2258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13277	68108	Zinc	313.9677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13278	68108	Zinc	283.1559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13286	68108	Zinc	425.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13289	68108	Zinc	361.9654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13291	68108	Zinc	371.0434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13292	68108	Zinc	157.479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13293	68108	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13296	68108	Zinc	493.5341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13300	68108	Zinc	113.0235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
13304	68108	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13308	68108	Zinc	214.5636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13311	68108	Zinc	372.9658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13314	68108	Zinc	332.0347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13316	68108	Zinc	448.0907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13328	68108	Zinc	184.179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13329	68108	Zinc	157.2832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13330	68108	Zinc	282.9078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13333	68108	Zinc	987.671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
13335	68108	Zinc	246.3544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13337	68108	Zinc	371.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13339	68108	Zinc	346.5862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13341	68108	Zinc	330.7086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13346	68108	Zinc	270.2509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13349	68108	Zinc	809.1637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13353	68108	Zinc	1024.161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
13362	68108	Zinc	641.8348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13368	68108	Zinc	532.2224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13371	68108	Zinc	154.3818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13378	68108	Zinc	372.8768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13380	68108	Zinc	178.5453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13385	68108	Zinc	419.2013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13390	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13393	68108	Zinc	334.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13396	68108	Zinc	237.9706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13406	68108	Zinc	205.6725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13408	68108	Zinc	332.9781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13411	68108	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13413	68108	Zinc	389.5732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13414	68108	Zinc	956.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
13415	68108	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13416	68108	Zinc	305.4504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13418	68108	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13419	68108	Zinc	485.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13422	68108	Zinc	311.9385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13424	68108	Zinc	238.1397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13427	68108	Zinc	281.6429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13428	68108	Zinc	483.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13431	68108	Zinc	433.6015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13434	68108	Zinc	246.3544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13436	68108	Zinc	306.4383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13440	68108	Zinc	532.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13445	68108	Zinc	439.3687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13449	68108	Zinc	229.9784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13451	68108	Zinc	303.1097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13454	68108	Zinc	382.2218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13466	68108	Zinc	186.5731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13478	68108	Zinc	257.4883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13481	68108	Zinc	157.6926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13485	68108	Zinc	247.5381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13486	68108	Zinc	487.0727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13488	68108	Zinc	307.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13499	68108	Zinc	275.137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13502	68108	Zinc	495.8659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13503	68108	Zinc	406.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13546	68108	Zinc	393.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13550	68108	Zinc	541.603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13553	68108	Zinc	291.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13556	68108	Zinc	401.1521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13557	68108	Zinc	181.1619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13560	68108	Zinc	258.4406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13565	68108	Zinc	93.9152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
13569	68108	Zinc	442.5015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13570	68108	Zinc	210.8879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13574	68108	Zinc	155.5655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13575	68108	Zinc	283.3606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13582	68108	Zinc	307.6309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13589	68108	Zinc	732.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13591	68108	Zinc	154.7289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13595	68108	Zinc	185.3093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13596	68108	Zinc	316.7623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13608	68108	Zinc	384.1709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13610	68108	Zinc	354.703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13615	68108	Zinc	476.1524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13618	68108	Zinc	515.4904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13622	68108	Zinc	266.237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13631	68108	Zinc	147.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
13640	68108	Zinc	481.0919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13641	68108	Zinc	293.5778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13644	68108	Zinc	885.9618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
13645	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13651	68108	Zinc	342.0561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13652	68108	Zinc	696.6588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13653	68108	Zinc	288.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13661	68108	Zinc	301.8281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13662	68108	Zinc	579.5793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
13666	68108	Zinc	363.1402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13672	68108	Zinc	314.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13674	68108	Zinc	396.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13675	68108	Zinc	261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13676	68108	Zinc	395.0111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13677	68108	Zinc	198.8818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
13679	68108	Zinc	451.4282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13681	68108	Zinc	240.2668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13682	68108	Zinc	370.0377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13685	68108	Zinc	316.077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13691	68108	Zinc	307.5864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13698	68108	Zinc	223.4725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13699	68108	Zinc	263.4157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13709	68108	Zinc	460.4261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13710	68108	Zinc	369.2812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13760	68108	Zinc	210.6387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13764	68108	Zinc	223.7217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13766	68108	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
13767	68108	Zinc	403.9022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13770	68108	Zinc	497.4412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13771	68108	Zinc	506.3768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13773	68108	Zinc	293.2396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13774	68108	Zinc	505.8695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13775	68108	Zinc	292.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13776	68108	Zinc	282.4617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13786	68108	Zinc	202.0324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13787	68108	Zinc	386.0132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13795	68108	Zinc	801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
13798	68108	Zinc	362.2146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13809	68108	Zinc	854.0464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
13810	68108	Zinc	274.2915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13829	68108	Zinc	255.7706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13832	68108	Zinc	178.661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
13836	68108	Zinc	629.0099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
13841	68108	Zinc	304.6049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13847	68108	Zinc	345.5093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13848	68108	Zinc	407.2308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13854	68108	Zinc	154.5776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
13860	68108	Zinc	432.222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13868	68108	Zinc	379.2581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13870	68108	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13873	68108	Zinc	342.9817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13876	68108	Zinc	238.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13878	68108	Zinc	405.7267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13885	68108	Zinc	337.348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
13887	68108	Zinc	227.2372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13888	68108	Zinc	520.4032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13892	68108	Zinc	355.0768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13894	68108	Zinc	276.1338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13895	68108	Zinc	239.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13903	68108	Zinc	300.7423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13920	68108	Zinc	203.1271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
13923	68108	Zinc	129.5864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
13924	68108	Zinc	164.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13926	68108	Zinc	239.3145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13931	68108	Zinc	380.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13933	68108	Zinc	178.3673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
13963	68108	Zinc	1820.978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
13965	68108	Zinc	261.9116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13969	68108	Zinc	248.9977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13983	68108	Zinc	135.3803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
13990	68108	Zinc	175.4036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
13992	68108	Zinc	356.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
13996	68108	Zinc	283.147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
13998	68108	Zinc	416.9318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14008	68108	Zinc	102.4325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
14011	68108	Zinc	319.2365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14020	68108	Zinc	506.4213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14022	68108	Zinc	577.2119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14028	68108	Zinc	377.4247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14037	68108	Zinc	621.5072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14038	68108	Zinc	237.9795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14043	68108	Zinc	315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14048	68108	Zinc	171.8169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14051	68108	Zinc	181.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14056	68108	Zinc	268.8981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14057	68108	Zinc	245.9806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14065	68108	Zinc	270.7226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14072	68108	Zinc	368.0619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14076	68108	Zinc	243.6399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14079	68108	Zinc	296.7818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14081	68108	Zinc	195.1527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14083	68108	Zinc	115.3019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14084	68108	Zinc	208.3336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14086	68108	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14087	68108	Zinc	131.8381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14089	68108	Zinc	271.8173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14095	68108	Zinc	315.7477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14096	68108	Zinc	386.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14106	68108	Zinc	364.3061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14110	68108	Zinc	442.3947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14111	68108	Zinc	270.4022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14112	68108	Zinc	384.6159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14113	68108	Zinc	278.1808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14123	68108	Zinc	305.3525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14128	68108	Zinc	601.7492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14130	68108	Zinc	398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14134	68108	Zinc	587.8652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14135	68108	Zinc	580.6206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14140	68108	Zinc	321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14141	68108	Zinc	401.9531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14147	68108	Zinc	372.0402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14151	68108	Zinc	348.4463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14153	68108	Zinc	215.7918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14173	68108	Zinc	326.757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14174	68108	Zinc	470.848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14186	68108	Zinc	629.7308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14192	68108	Zinc	180.3431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14202	68108	Zinc	725.3346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14203	68108	Zinc	285.3186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14204	68108	Zinc	251.5431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14205	68108	Zinc	267.9191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14209	68108	Zinc	265.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14210	68108	Zinc	344.2811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14217	68108	Zinc	206.8918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14218	68108	Zinc	376.6504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14220	68108	Zinc	588.4971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14230	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14231	68108	Zinc	211.4842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14232	68108	Zinc	436.761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14246	68108	Zinc	391.7537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14251	68108	Zinc	436.9835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14258	68108	Zinc	197.8939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14269	68108	Zinc	305.9933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14270	68108	Zinc	257.1946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14272	68108	Zinc	272.5293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14274	68108	Zinc	183.3869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14279	68108	Zinc	103.901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
14284	68108	Zinc	773.8841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14285	68108	Zinc	234.8734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14287	68108	Zinc	172.2886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14290	68108	Zinc	310.6124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14306	68108	Zinc	240.6762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14309	68108	Zinc	358.5745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14313	68108	Zinc	173.5168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14315	68108	Zinc	1119.213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
14316	68108	Zinc	553.529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14321	68108	Zinc	374.1317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14327	68108	Zinc	287.4991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14328	68108	Zinc	373.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14331	68108	Zinc	214.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14333	68108	Zinc	379.0623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14335	68108	Zinc	174.7094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14343	68108	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14345	68108	Zinc	249.2469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14379	68108	Zinc	405.7178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14389	68108	Zinc	224.3358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14391	68108	Zinc	133.004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14401	68108	Zinc	388.9769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14414	68108	Zinc	289.3414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14418	68108	Zinc	387.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14421	68108	Zinc	131.135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14433	68108	Zinc	164.0828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14438	68108	Zinc	240.5783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14440	68108	Zinc	369.2011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14442	68108	Zinc	312.339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14444	68108	Zinc	368.3823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14445	68108	Zinc	238.7004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14449	68108	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14455	68108	Zinc	345.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14458	68108	Zinc	131.5444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14461	68108	Zinc	352.0241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14466	68108	Zinc	539.8764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14468	68108	Zinc	653.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14474	68108	Zinc	413.6121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14476	68108	Zinc	224.9499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14480	68108	Zinc	174.0241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14481	68108	Zinc	471.9605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14486	68108	Zinc	171.6122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14488	68108	Zinc	225.1457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14490	68108	Zinc	404.6498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14491	68108	Zinc	233.2714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14493	68108	Zinc	180.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14494	68108	Zinc	218.9424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14496	68108	Zinc	186.1637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14497	68108	Zinc	289.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14501	68108	Zinc	202.0146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14503	68108	Zinc	153.3494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14518	68108	Zinc	301.2585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14519	68108	Zinc	263.1843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14521	68108	Zinc	275.1281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14527	68108	Zinc	255.6104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14529	68108	Zinc	340.6499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14530	68108	Zinc	185.5496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14537	68108	Zinc	634.1185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14540	68108	Zinc	438.7012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14545	68108	Zinc	267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14555	68108	Zinc	246.1141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14558	68108	Zinc	596.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14562	68108	Zinc	112.3827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
14563	68108	Zinc	604.1967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14569	68108	Zinc	818.3752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14570	68108	Zinc	653.4849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14571	68108	Zinc	270.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14573	68108	Zinc	336.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14574	68108	Zinc	263.6916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14576	68108	Zinc	463.5856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14578	68108	Zinc	276.3296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14579	68108	Zinc	172.787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
14580	68108	Zinc	227.7178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14582	68108	Zinc	411.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14585	68108	Zinc	1301.485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
14586	68108	Zinc	747.1663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14600	68108	Zinc	291.6643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14607	68108	Zinc	465.2677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14610	68108	Zinc	313.9939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14613	68108	Zinc	278.3054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14616	68108	Zinc	301.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14617	68108	Zinc	193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14621	68108	Zinc	584.1183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14622	68108	Zinc	290.534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14623	68108	Zinc	198.1075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14630	68108	Zinc	216.3792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14637	68108	Zinc	681.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14638	68108	Zinc	397.3073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14639	68108	Zinc	178.7144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14642	68108	Zinc	191.7173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
14643	68108	Zinc	513.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14660	68108	Zinc	337.8375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14663	68108	Zinc	880.1323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
14665	68108	Zinc	290.0979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14669	68108	Zinc	659.2165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14670	68108	Zinc	568.2674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14671	68108	Zinc	441.8518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14673	68108	Zinc	466.4069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14674	68108	Zinc	445.0469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14675	68108	Zinc	321.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14676	68108	Zinc	467.9466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14683	68108	Zinc	783.3003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14684	68108	Zinc	387.3037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14685	68108	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14692	68108	Zinc	570.7238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14697	68108	Zinc	91.9483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
14736	68108	Zinc	249.6563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14742	68108	Zinc	270.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14745	68108	Zinc	3593.057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
14747	68108	Zinc	272.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14748	68108	Zinc	292.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14754	68108	Zinc	1075.158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
14770	68108	Zinc	262.1964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14771	68108	Zinc	185.7187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
14773	68108	Zinc	144.3871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
14782	68108	Zinc	129.2393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14785	68108	Zinc	274.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14786	68108	Zinc	279.2844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14789	68108	Zinc	278.5279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14795	68108	Zinc	292.0737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14796	68108	Zinc	130.0848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
14800	68108	Zinc	315.543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14803	68108	Zinc	654.3749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14804	68108	Zinc	152.851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14807	68108	Zinc	362.9711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14808	68108	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14815	68108	Zinc	642.3332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14816	68108	Zinc	322.5117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14818	68108	Zinc	544.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14825	68108	Zinc	1420	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
14827	68108	Zinc	297.9477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14830	68108	Zinc	437.7044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14831	68108	Zinc	485.7733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14832	68108	Zinc	355.682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14835	68108	Zinc	307.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14839	68108	Zinc	333.4854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14841	68108	Zinc	350.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14847	68108	Zinc	240.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14848	68108	Zinc	296.1054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14849	68108	Zinc	216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14850	68108	Zinc	445.0736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14851	68108	Zinc	853.2899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
14853	68108	Zinc	303.1453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14855	68108	Zinc	468.0178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14856	68108	Zinc	278.5724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14859	68108	Zinc	389.7334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14862	68108	Zinc	655.6921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14867	68108	Zinc	526.4196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14868	68108	Zinc	561.5479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14870	68108	Zinc	517.4751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14871	68108	Zinc	365.5432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14878	68108	Zinc	333.7613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14879	68108	Zinc	350.342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14888	68108	Zinc	622.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14890	68108	Zinc	249.6741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14891	68108	Zinc	255.6727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14894	68108	Zinc	427.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14895	68108	Zinc	292.1805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14901	68108	Zinc	300.769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14902	68108	Zinc	164.2163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
14903	68108	Zinc	300.1905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14904	68108	Zinc	377.6561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14907	68108	Zinc	568.8459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14911	68108	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14912	68108	Zinc	204.5867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14914	68108	Zinc	790.5324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
14925	68108	Zinc	293.1061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14931	68108	Zinc	579.0631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14932	68108	Zinc	339.0746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
14933	68108	Zinc	256.6873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14935	68108	Zinc	698.3943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
14940	68108	Zinc	354.4182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14941	68108	Zinc	295.6604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14944	68108	Zinc	444.1925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14946	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14947	68108	Zinc	511.9749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14953	68108	Zinc	202.7533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
14960	68108	Zinc	876.1896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
14961	68108	Zinc	534.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14963	68108	Zinc	210.2649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
14968	68108	Zinc	327.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14973	68108	Zinc	324.0781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14977	68108	Zinc	245.7047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14983	68108	Zinc	322.8054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14987	68108	Zinc	573.2514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14989	68108	Zinc	250.0479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
14996	68108	Zinc	395.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
14997	68108	Zinc	581.7064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
14998	68108	Zinc	1231.353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
15001	68108	Zinc	230.9218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15002	68108	Zinc	325.5199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15005	68108	Zinc	265.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15007	68108	Zinc	269.2007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15021	68108	Zinc	633.2285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15061	68108	Zinc	356.6165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15062	68108	Zinc	185.5318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15067	68108	Zinc	505.1219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15069	68108	Zinc	658.0328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15070	68108	Zinc	288.843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15073	68108	Zinc	258.761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15075	68108	Zinc	328.8218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15081	68108	Zinc	617.342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15085	68108	Zinc	426.1166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15087	68108	Zinc	187.4898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15093	68108	Zinc	422.877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15098	68108	Zinc	244.0671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15103	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15107	68108	Zinc	376.5347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15112	68108	Zinc	239.1721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15115	68108	Zinc	351.5435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15116	68108	Zinc	352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15117	68108	Zinc	351.9796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15118	68108	Zinc	375.7426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15120	68108	Zinc	407.6491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15127	68108	Zinc	248.6862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15135	68108	Zinc	2110	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
15138	68108	Zinc	381.2161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15140	68108	Zinc	747.2464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15143	68108	Zinc	301.1695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15146	68108	Zinc	400.9296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15147	68108	Zinc	534.483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15148	68108	Zinc	224.2646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15151	68108	Zinc	283.2538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15152	68108	Zinc	590.2415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15156	68108	Zinc	186.6977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15165	68108	Zinc	260.5677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15174	68108	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15176	68108	Zinc	114.6077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15185	68108	Zinc	839.0588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15186	68108	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15187	68108	Zinc	353.3146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15188	68108	Zinc	365.5076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15195	68108	Zinc	208.9566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15196	68108	Zinc	382.9338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15201	68108	Zinc	470.3229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15204	68108	Zinc	306.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15205	68108	Zinc	326.134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15207	68108	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15209	68108	Zinc	749.7829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15212	68108	Zinc	344.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15214	68108	Zinc	203.8302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15224	68108	Zinc	237.4188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15226	68108	Zinc	387.6775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15228	68108	Zinc	230.548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15235	68108	Zinc	452.6119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15242	68108	Zinc	129.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15243	68108	Zinc	199.0954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15248	68108	Zinc	99.0505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
15251	68108	Zinc	453.6888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15254	68108	Zinc	274.9056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15256	68108	Zinc	714.9483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15259	68108	Zinc	474.408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15266	68108	Zinc	390.0538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15270	68108	Zinc	628.3335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15272	68108	Zinc	498.3757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15273	68108	Zinc	167.447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15276	68108	Zinc	639.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15281	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15289	68108	Zinc	334.5356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15296	68108	Zinc	193.1324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15304	68108	Zinc	469.869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15312	68108	Zinc	358.4321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15322	68108	Zinc	296.8441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15324	68108	Zinc	365.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15326	68108	Zinc	469.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15327	68108	Zinc	479.3386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15328	68108	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15330	68108	Zinc	218.8178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15337	68108	Zinc	492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15339	68108	Zinc	312.9353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15353	68108	Zinc	328.1365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15356	68108	Zinc	376.9886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15359	68108	Zinc	696.5698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15364	68108	Zinc	592.5644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15368	68108	Zinc	1030.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
15381	68108	Zinc	325.778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15383	68108	Zinc	478.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15387	68108	Zinc	313.3002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15391	68108	Zinc	390.9616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15396	68108	Zinc	273.1078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15401	68108	Zinc	118.1143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15403	68108	Zinc	135.7897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15420	68108	Zinc	415.8816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15422	68108	Zinc	265.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15423	68108	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15424	68108	Zinc	525.8856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15425	68108	Zinc	329.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15428	68108	Zinc	287.8195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15429	68108	Zinc	177.9401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15431	68108	Zinc	355.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15432	68108	Zinc	101.765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
15435	68108	Zinc	410.239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15437	68108	Zinc	590.2148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15439	68108	Zinc	314.6619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15441	68108	Zinc	157.5413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
15443	68108	Zinc	534.9903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15446	68108	Zinc	664.4497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15448	68108	Zinc	297.4226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15451	68108	Zinc	600.5744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15458	68108	Zinc	470.6522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15459	68108	Zinc	201.4005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15465	68108	Zinc	317.3497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15468	68108	Zinc	322.0578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15469	68108	Zinc	194.681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15471	68108	Zinc	378.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15472	68108	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15475	68108	Zinc	175.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15478	68108	Zinc	215.3824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15479	68108	Zinc	571.1065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
15481	68108	Zinc	758.4782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15482	68108	Zinc	111.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15483	68108	Zinc	590.2059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15488	68108	Zinc	215.0887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15490	68108	Zinc	372.8946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15491	68108	Zinc	206.4468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15502	68108	Zinc	87.1245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
15505	68108	Zinc	1299.883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
15506	68108	Zinc	191.6817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15530	68108	Zinc	160.0511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
15533	68108	Zinc	141.281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15535	68108	Zinc	121.9502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
15538	68108	Zinc	431.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15539	68108	Zinc	664.9937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15546	68108	Zinc	547.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15549	68108	Zinc	306.4917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15552	68108	Zinc	238.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15553	68108	Zinc	450.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15555	68108	Zinc	415.4633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15558	68108	Zinc	43.51895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
15559	68108	Zinc	329.4092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15563	68108	Zinc	252.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15567	68108	Zinc	97.4752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
15570	68108	Zinc	527.2918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15572	68108	Zinc	273.5884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15579	68108	Zinc	355.771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15580	68108	Zinc	391.2731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15582	68108	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15583	68108	Zinc	339.5107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15584	68108	Zinc	238.9852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15585	68108	Zinc	401.6416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15588	68108	Zinc	525.5296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15589	68108	Zinc	522.2722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15592	68108	Zinc	355.1747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15594	68108	Zinc	120.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
15596	68108	Zinc	348.6599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15597	68108	Zinc	481.9819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15598	68108	Zinc	462.4019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15600	68108	Zinc	331.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15601	68108	Zinc	398.6245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15603	68108	Zinc	216.397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15606	68108	Zinc	147.422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15610	68108	Zinc	753.7345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15614	68108	Zinc	281.2602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15615	68108	Zinc	336.6004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15616	68108	Zinc	407.1151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15617	68108	Zinc	421.9781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15618	68108	Zinc	138.9937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15619	68108	Zinc	718.4905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15624	68108	Zinc	172.3687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15625	68108	Zinc	353.012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15628	68108	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15630	68108	Zinc	232.0521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15632	68108	Zinc	433.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15635	68108	Zinc	323.9891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15643	68108	Zinc	342.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15646	68108	Zinc	591.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15649	68108	Zinc	459.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15650	68108	Zinc	660.5426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15652	68108	Zinc	530.9408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15656	68108	Zinc	157.3722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15692	68108	Zinc	219.3785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15699	68108	Zinc	178.5186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
15703	68108	Zinc	277.5311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15704	68108	Zinc	130.8502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
15706	68108	Zinc	335.2031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15707	68108	Zinc	943.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15710	68108	Zinc	326.3209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15711	68108	Zinc	189.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15714	68108	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15719	68108	Zinc	636.9487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15720	68108	Zinc	246.835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15725	68108	Zinc	275.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15726	68108	Zinc	197.5735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15727	68108	Zinc	473.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15734	68108	Zinc	917.717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15739	68108	Zinc	246.1141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15740	68108	Zinc	165.2576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15742	68108	Zinc	415.7837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15747	68108	Zinc	251.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15748	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15750	68108	Zinc	393.7295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15759	68108	Zinc	228.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15760	68108	Zinc	609.0561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15762	68108	Zinc	556.4571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
15763	68108	Zinc	121.5586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
15764	68108	Zinc	346.6663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15766	68108	Zinc	464.2353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15768	68108	Zinc	209.7398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15772	68108	Zinc	432.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15773	68108	Zinc	418.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15775	68108	Zinc	402.7719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15777	68108	Zinc	286.618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15785	68108	Zinc	544.3442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15787	68108	Zinc	1121.171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
15788	68108	Zinc	117.3756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15790	68108	Zinc	204.3731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15791	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15793	68108	Zinc	393.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15794	68108	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15795	68108	Zinc	684.9553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15796	68108	Zinc	115.6401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15799	68108	Zinc	263.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15800	68108	Zinc	457.0619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15807	68108	Zinc	165.5869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15809	68108	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15813	68108	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15814	68108	Zinc	2482.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15817	68108	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15819	68108	Zinc	437.8112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15822	68108	Zinc	285.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15826	68108	Zinc	3852.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
15827	68108	Zinc	158.7784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
15828	68108	Zinc	522.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15830	68108	Zinc	245.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15833	68108	Zinc	522.824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15837	68108	Zinc	112.0712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15841	68108	Zinc	394.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15844	68108	Zinc	215.3468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15845	68108	Zinc	150.2344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15847	68108	Zinc	234.2771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15850	68108	Zinc	343.8361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15851	68108	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15852	68108	Zinc	579.1076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
15853	68108	Zinc	338.5406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15854	68108	Zinc	201.089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
15855	68108	Zinc	420.7766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15857	68108	Zinc	478.5287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15859	68108	Zinc	369.3702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15861	68108	Zinc	344.8151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15865	68108	Zinc	283.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15866	68108	Zinc	311.2621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15869	68108	Zinc	264.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15874	68108	Zinc	523.5271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15876	68108	Zinc	174.8874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
15877	68108	Zinc	243.008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15878	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15881	68108	Zinc	1127.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
15883	68108	Zinc	259.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15885	68108	Zinc	312.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15887	68108	Zinc	781.725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
15888	68108	Zinc	755.9061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
15893	68108	Zinc	427.0155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15895	68108	Zinc	277.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15902	68108	Zinc	219.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
15903	68108	Zinc	143.5149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
15906	68108	Zinc	350.5912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15913	68108	Zinc	259.6065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15915	68108	Zinc	661.0321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15941	68108	Zinc	326.0361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15942	68108	Zinc	238.2109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15946	68108	Zinc	284.7134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15947	68108	Zinc	926.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15948	68108	Zinc	236.4576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15954	68108	Zinc	260.986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15955	68108	Zinc	260.9326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15961	68108	Zinc	2369.129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
15963	68108	Zinc	865.6253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
15965	68108	Zinc	349.6211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15966	68108	Zinc	440.7126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15971	68108	Zinc	514.1465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
15972	68108	Zinc	194.7611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
15973	68108	Zinc	251.374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15974	68108	Zinc	275.048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15977	68108	Zinc	1314.657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
15980	68108	Zinc	317.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15982	68108	Zinc	342.8037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15983	68108	Zinc	561.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
15984	68108	Zinc	231.9631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15987	68108	Zinc	345.9187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
15989	68108	Zinc	774.7741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
15990	68108	Zinc	273.0633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
15993	68108	Zinc	117.8117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15995	68108	Zinc	117.5447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
15998	68108	Zinc	340.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16001	68108	Zinc	316.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16003	68108	Zinc	69.5648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
16005	68108	Zinc	111.0299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
16006	68108	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16011	68108	Zinc	536.797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16012	68108	Zinc	259.9892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16013	68108	Zinc	428.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16021	68108	Zinc	641.461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16024	68108	Zinc	365.561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16025	68108	Zinc	112.3204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
16028	68108	Zinc	364.1281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16029	68108	Zinc	709.4392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16030	68108	Zinc	319.9396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16032	68108	Zinc	490.6861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16033	68108	Zinc	190.0886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16036	68108	Zinc	534.1363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16039	68108	Zinc	622.1213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16040	68108	Zinc	486.5387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16041	68108	Zinc	424.4968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16042	68108	Zinc	433.0408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16043	68108	Zinc	379.8188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16046	68108	Zinc	1648.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
16050	68108	Zinc	140.0795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16051	68108	Zinc	435.4794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16075	68108	Zinc	143.4793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16077	68108	Zinc	548.5717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
16079	68108	Zinc	413.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16080	68108	Zinc	937.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16086	68108	Zinc	140.1418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16097	68108	Zinc	787.2163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
16100	68108	Zinc	371.6664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16101	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16104	68108	Zinc	514.6093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16105	68108	Zinc	157.835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16106	68108	Zinc	145.4106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16107	68108	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16117	68108	Zinc	320.4469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16120	68108	Zinc	268.6133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16126	68108	Zinc	242.6698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16128	68108	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16133	68108	Zinc	367.9907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16135	68108	Zinc	692.5915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16137	68108	Zinc	404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16138	68108	Zinc	215.6761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16143	68108	Zinc	151.4359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16145	68108	Zinc	167.0465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16153	68108	Zinc	246.6837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16156	68108	Zinc	1229.039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
16157	68108	Zinc	419.8955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16162	68108	Zinc	171.1316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16163	68108	Zinc	736.5041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16164	68108	Zinc	331.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16165	68108	Zinc	398.669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16170	68108	Zinc	353.9287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16175	68108	Zinc	477.7099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16177	68108	Zinc	415.8816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16187	68108	Zinc	913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16190	68108	Zinc	468.7298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16192	68108	Zinc	411.2892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16194	68108	Zinc	371.1146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16197	68108	Zinc	497.5747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16200	68108	Zinc	659.3678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
				ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16222	68108	Zinc	876.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16225	68108	Zinc	136.7242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16226	68108	Zinc	606.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16239	68108	Zinc	1172.791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
16245	68108	Zinc	349.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16251	68108	Zinc	650.0762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16252	68108	Zinc	414.2974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16253	68108	Zinc	625.6902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16254	68108	Zinc	414.6178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16256	68108	Zinc	438.8614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16258	68108	Zinc	266.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16259	68108	Zinc	305.6462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16260	68108	Zinc	355.5841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16261	68108	Zinc	236.3864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16262	68108	Zinc	263.4958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16266	68108	Zinc	156.4199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16267	68108	Zinc	430.8425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16273	68108	Zinc	596.5783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16277	68108	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16279	68108	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16280	68108	Zinc	182.3011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
16282	68108	Zinc	419.2102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16284	68108	Zinc	342.6524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16285	68108	Zinc	443.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16288	68108	Zinc	330.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16291	68108	Zinc	375.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16294	68108	Zinc	611.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16299	68108	Zinc	254.2754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16300	68108	Zinc	312.7217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16305	68108	Zinc	112.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
16307	68108	Zinc	568.3564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
16310	68108	Zinc	270.331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16311	68108	Zinc	293.0349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16313	68108	Zinc	364.7244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16316	68108	Zinc	198.7483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16319	68108	Zinc	490	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16320	68108	Zinc	357.4264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16322	68108	Zinc	718.4905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16323	68108	Zinc	953.851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16328	68108	Zinc	744.0335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16330	68108	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16338	68108	Zinc	145.5619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16339	68108	Zinc	366.3976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16340	68108	Zinc	287.3745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16341	68108	Zinc	308.6188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16344	68108	Zinc	115.8359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
16348	68108	Zinc	202.6198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16349	68108	Zinc	433.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16353	68108	Zinc	300.146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16354	68108	Zinc	524.6485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16360	68108	Zinc	268.8714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16361	68108	Zinc	195.9181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16362	68108	Zinc	165.8984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16366	68108	Zinc	163.5043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16367	68108	Zinc	487.9449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16369	68108	Zinc	594.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16373	68108	Zinc	401.962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16374	68108	Zinc	264.8664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16376	68108	Zinc	936.229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16377	68108	Zinc	392.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16379	68108	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16383	68108	Zinc	249.0511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16386	68108	Zinc	256.6428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16388	68108	Zinc	341.7535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16401	68108	Zinc	265.1957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16403	68108	Zinc	717.6628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16404	68108	Zinc	607.7033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16405	68108	Zinc	364.2527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16407	68108	Zinc	353.2968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16409	68108	Zinc	194.9569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16410	68108	Zinc	357.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16414	68108	Zinc	244.3074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16416	68108	Zinc	378.4749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16419	68108	Zinc	387.5796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16423	68108	Zinc	509.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16425	68108	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16431	68108	Zinc	381.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16433	68108	Zinc	193.3727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16435	68108	Zinc	617.5289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16441	68108	Zinc	219.5298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16442	68108	Zinc	373.4108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16446	68108	Zinc	480.1307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16448	68108	Zinc	209.5529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16452	68108	Zinc	394.5661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16455	68108	Zinc	216.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16457	68108	Zinc	194.5564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16460	68108	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16468	68108	Zinc	230.8417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16508	68108	Zinc	304.4091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16510	68108	Zinc	338.3359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16512	68108	Zinc	490.428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16514	68108	Zinc	170.5264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
16515	68108	Zinc	435.5061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16517	68108	Zinc	284.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16520	68108	Zinc	199.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16521	68108	Zinc	261.0038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16522	68108	Zinc	257.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16525	68108	Zinc	962.217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
16526	68108	Zinc	195.393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16527	68108	Zinc	275.9736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16529	68108	Zinc	251.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16530	68108	Zinc	3297.666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	2E-02
16531	68108	Zinc	397.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16532	68108	Zinc	665.0104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16536	68108	Zinc	519.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16538	68108	Zinc	487.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16539	68108	Zinc	210.3895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16542	68108	Zinc	229.4088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16547	68108	Zinc	427.1757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16548	68108	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16549	68108	Zinc	499.4882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16551	68108	Zinc	390.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16552	68108	Zinc	682.6591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16554	68108	Zinc	466.3446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16556	68108	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16558	68108	Zinc	311.6626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16560	68108	Zinc	252.3174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16561	68108	Zinc	291.335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16567	68108	Zinc	193.257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16577	68108	Zinc	343.9696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16579	68108	Zinc	159.526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16581	68108	Zinc	386.476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16582	68108	Zinc	251.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16583	68108	Zinc	224.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16584	68108	Zinc	304.5426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16586	68108	Zinc	182.4969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
16588	68108	Zinc	136.3237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16590	68108	Zinc	209.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16592	68108	Zinc	365.7212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16593	68108	Zinc	312.8552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16594	68108	Zinc	226.9613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16595	68108	Zinc	245.8916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16596	68108	Zinc	532.7208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16599	68108	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16603	68108	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16604	68108	Zinc	488.1496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16606	68108	Zinc	361.6539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16608	68108	Zinc	245.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16610	68108	Zinc	141.815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16612	68108	Zinc	428.6709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16616	68108	Zinc	279.4891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16617	68108	Zinc	211.9114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16620	68108	Zinc	274.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16625	68108	Zinc	247.9119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16626	68108	Zinc	417.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16627	68108	Zinc	578.0663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
16629	68108	Zinc	303.7149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16632	68108	Zinc	349.7635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16633	68108	Zinc	352.2021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16635	68108	Zinc	340.4363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16636	68108	Zinc	359.1352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16637	68108	Zinc	477.5052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16640	68108	Zinc	512.8026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16644	68108	Zinc	291.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16645	68108	Zinc	187.8191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16648	68108	Zinc	664.2005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16652	68108	Zinc	614.7521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16653	68108	Zinc	337.6773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16655	68108	Zinc	213.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16663	68108	Zinc	238.7983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16664	68108	Zinc	456.5724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16665	68108	Zinc	252.1483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16666	68108	Zinc	543.1516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16667	68108	Zinc	290.4361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16670	68108	Zinc	447.6279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16672	68108	Zinc	286.1463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16673	68108	Zinc	441.7539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16674	68108	Zinc	1565.103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
16676	68108	Zinc	257.5684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16677	68108	Zinc	202.7355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16682	68108	Zinc	125.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
16683	68108	Zinc	244.6901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16685	68108	Zinc	309.1795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16686	68108	Zinc	393.5337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16687	68108	Zinc	343.7293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16693	68108	Zinc	486.8146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
16733	68108	Zinc	343.4712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16735	68108	Zinc	589.2892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16746	68108	Zinc	371.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16756	68108	Zinc	127.5216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
16767	68108	Zinc	308.7612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16768	68108	Zinc	136.1368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
16769	68108	Zinc	261.6268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16770	68108	Zinc	156.3932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
16771	68108	Zinc	596.7296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16774	68108	Zinc	430.2818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16776	68108	Zinc	391.8961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16778	68108	Zinc	562.4557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
16780	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16782	68108	Zinc	217.4383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16786	68108	Zinc	422.3786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16787	68108	Zinc	316.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16789	68108	Zinc	293.8003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16790	68108	Zinc	433.0853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16795	68108	Zinc	317.5989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16796	68108	Zinc	214.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
16797	68108	Zinc	262.2142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16804	68108	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16805	68108	Zinc	329.9966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16809	68108	Zinc	617.8493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16813	68108	Zinc	498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16819	68108	Zinc	202.9402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
16822	68108	Zinc	660.2578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16823	68108	Zinc	246.0162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16833	68108	Zinc	385.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16834	68108	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16837	68108	Zinc	538.3456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16845	68108	Zinc	348.9358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16846	68108	Zinc	424.3989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16847	68108	Zinc	419.0678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16848	68108	Zinc	308.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16852	68108	Zinc	292.7946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16853	68108	Zinc	420.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16854	68108	Zinc	584.2785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
16855	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16856	68108	Zinc	189.9195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
16857	68108	Zinc	1234.379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
16863	68108	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16864	68108	Zinc	480.5134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16868	68108	Zinc	423.1351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16870	68108	Zinc	283.4674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16872	68108	Zinc	256.3847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16873	68108	Zinc	414.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16878	68108	Zinc	423.6958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16879	68108	Zinc	311.716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16883	68108	Zinc	301.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16886	68108	Zinc	366.718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16894	68108	Zinc	807.0633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
16897	68108	Zinc	457.2132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16898	68108	Zinc	299.6387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16899	68108	Zinc	460.3727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16902	68108	Zinc	272.5204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16905	68108	Zinc	775.0589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
16908	68108	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16909	68108	Zinc	717.2712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16910	68108	Zinc	756.7338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16912	68108	Zinc	414.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16914	68108	Zinc	498.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16915	68108	Zinc	307.4529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16935	68108	Zinc	392.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16948	68108	Zinc	345.3936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16951	68108	Zinc	300.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16952	68108	Zinc	637.1178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16955	68108	Zinc	502.9859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16964	68108	Zinc	305.4326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16966	68108	Zinc	599.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
16968	68108	Zinc	149.0863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
16969	68108	Zinc	225.1991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16972	68108	Zinc	333.9838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16973	68108	Zinc	371.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16979	68108	Zinc	348.1615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
16981	68108	Zinc	326.5167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16987	68108	Zinc	433.3078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16988	68108	Zinc	422.8325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16989	68108	Zinc	301.1873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
16991	68108	Zinc	369.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16993	68108	Zinc	537.5357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
16999	68108	Zinc	165.2398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17003	68108	Zinc	187.4987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17004	68108	Zinc	931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17005	68108	Zinc	326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17008	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17009	68108	Zinc	202.6198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17017	68108	Zinc	249.7008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17037	68108	Zinc	186.3684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17038	68108	Zinc	491.0154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17045	68108	Zinc	264.5371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17046	68108	Zinc	1148.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
17048	68108	Zinc	381.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17049	68108	Zinc	314.8933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17050	68108	Zinc	264.012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17054	68108	Zinc	296.8352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17056	68108	Zinc	148.7214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17060	68108	Zinc	138.9403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17062	68108	Zinc	181.0996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17066	68108	Zinc	429.1337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17068	68108	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17070	68108	Zinc	313.8698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17073	68108	Zinc	425.725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17075	68108	Zinc	506.2166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17078	68108	Zinc	626.6692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17079	68108	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17080	68108	Zinc	201.2848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17083	68108	Zinc	928.753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17087	68108	Zinc	157.9329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17092	68108	Zinc	491.6829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17093	68108	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17094	68108	Zinc	439.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17098	68108	Zinc	662.8032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17101	68108	Zinc	804.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17103	68108	Zinc	976.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17111	68108	Zinc	308.7434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17112	68108	Zinc	461.8056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17120	68108	Zinc	428.7243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17121	68108	Zinc	517.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17125	68108	Zinc	234.4551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17126	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17131	68108	Zinc	617.3687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17137	68108	Zinc	552.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17139	68108	Zinc	274.1491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17141	68108	Zinc	458.7707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17146	68108	Zinc	234.7132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17147	68108	Zinc	301.6946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17148	68108	Zinc	288.1399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17152	68108	Zinc	270.6425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17156	68108	Zinc	497.1564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17157	68108	Zinc	140.0706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17159	68108	Zinc	277.6201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17164	68108	Zinc	587.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17170	68108	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17173	68108	Zinc	158.9297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17180	68108	Zinc	386.6629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17188	68108	Zinc	395.7943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17200	68108	Zinc	273.4994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17204	68108	Zinc	130.4497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17205	68108	Zinc	345.0732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17206	68108	Zinc	169.2982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17210	68108	Zinc	287.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17212	68108	Zinc	398.491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17218	68108	Zinc	143.595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17225	68108	Zinc	433.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17230	68108	Zinc	531.012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17232	68108	Zinc	239.9909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17233	68108	Zinc	261.8404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17239	68108	Zinc	1087.262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
17242	68108	Zinc	2765.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17245	68108	Zinc	244.7702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17246	68108	Zinc	708.9586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17247	68108	Zinc	356.0647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17251	68108	Zinc	778.2718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17253	68108	Zinc	258.6186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17260	68108	Zinc	406.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17263	68108	Zinc	397.8413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17264	68108	Zinc	139.8303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17265	68108	Zinc	218.1236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17268	68108	Zinc	453.5553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17273	68108	Zinc	214.884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17280	68108	Zinc	319.2365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17282	68108	Zinc	162.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17289	68108	Zinc	428.573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17291	68108	Zinc	453.9825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17297	68108	Zinc	91.8326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17299	68108	Zinc	378.911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17301	68108	Zinc	223.9976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17308	68108	Zinc	119.0399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
17311	68108	Zinc	535.5154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17316	68108	Zinc	334.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17320	68108	Zinc	207.5059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17321	68108	Zinc	403.4839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17323	68108	Zinc	218.978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17324	68108	Zinc	256.1266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17333	68108	Zinc	233.6897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17365	68108	Zinc	266.3972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17369	68108	Zinc	263.4958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17372	68108	Zinc	233.3604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17373	68108	Zinc	786.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17377	68108	Zinc	921.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17378	68108	Zinc	192.5005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17381	68108	Zinc	157.835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17383	68108	Zinc	365.2406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17385	68108	Zinc	399.5946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17388	68108	Zinc	438.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17389	68108	Zinc	273.1879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17395	68108	Zinc	423.5178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17397	68108	Zinc	278.8394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17400	68108	Zinc	534.2961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17401	68108	Zinc	385.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17402	68108	Zinc	560.7558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17403	68108	Zinc	376.152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17405	68108	Zinc	197.4311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17408	68108	Zinc	176.2313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17410	68108	Zinc	921.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17411	68108	Zinc	302.3176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17412	68108	Zinc	135.7541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17414	68108	Zinc	610.3911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17416	68108	Zinc	511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17417	68108	Zinc	558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17418	68108	Zinc	795.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17420	68108	Zinc	597.6997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17422	68108	Zinc	375.5023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17424	68108	Zinc	307.8445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17431	68108	Zinc	207.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17435	68108	Zinc	522.9041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17439	68108	Zinc	433.9575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17440	68108	Zinc	562.0463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17444	68108	Zinc	590.3839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17446	68108	Zinc	282.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17447	68108	Zinc	248.9977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17450	68108	Zinc	3057.989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
17451	68108	Zinc	323.0991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17455	68108	Zinc	708.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17460	68108	Zinc	707.1964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17461	68108	Zinc	670.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17467	68108	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17470	68108	Zinc	119.9032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
17474	68108	Zinc	1044.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
17478	68108	Zinc	498.7495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17479	68108	Zinc	361.1199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17481	68108	Zinc	115.5244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
17483	68108	Zinc	481.8662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17488	68108	Zinc	312.4992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17490	68108	Zinc	505.9585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17492	68108	Zinc	159.4904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17494	68108	Zinc	593.6769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17496	68108	Zinc	883.096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17498	68108	Zinc	321.1856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17507	68108	Zinc	256.9899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17508	68108	Zinc	310.3899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17509	68108	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17510	68108	Zinc	364.3417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17512	68108	Zinc	428.3594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17514	68108	Zinc	636.388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17515	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17517	68108	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17524	68108	Zinc	177.5218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17527	68108	Zinc	555.932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17528	68108	Zinc	335.0073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17529	68108	Zinc	434.1978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17536	68108	Zinc	184.9622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17538	68108	Zinc	184.713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17545	68108	Zinc	268.1416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17547	68108	Zinc	350.0038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17548	68108	Zinc	298.9356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17549	68108	Zinc	1226.636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
17550	68108	Zinc	151.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
17553	68108	Zinc	399.559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17554	68108	Zinc	370.7942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17555	68108	Zinc	275.3328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17556	68108	Zinc	264.5193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17558	68108	Zinc	310.114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17563	68108	Zinc	274.2114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17564	68108	Zinc	177.6909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17565	68108	Zinc	234.7132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17567	68108	Zinc	239.3234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17577	68108	Zinc	492.3771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17579	68108	Zinc	306.3048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17580	68108	Zinc	322.6007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17581	68108	Zinc	409.6961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17582	68108	Zinc	312.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17585	68108	Zinc	597.6374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17623	68108	Zinc	571.0442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17626	68108	Zinc	310.7637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17630	68108	Zinc	390.6056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17631	68108	Zinc	158.5737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
17635	68108	Zinc	408.7171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17637	68108	Zinc	220.2151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17639	68108	Zinc	179.729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17641	68108	Zinc	335.4256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17643	68108	Zinc	288.9587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17646	68108	Zinc	235.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17650	68108	Zinc	319.1742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17652	68108	Zinc	237.2408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17657	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17658	68108	Zinc	361.9031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17659	68108	Zinc	204.4621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17663	68108	Zinc	438.8436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17664	68108	Zinc	556.0833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17665	68108	Zinc	1230.641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
17666	68108	Zinc	615.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17670	68108	Zinc	545.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17671	68108	Zinc	634.2164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17674	68108	Zinc	561.7081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17679	68108	Zinc	959.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
17689	68108	Zinc	350.1551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17693	68108	Zinc	543.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17698	68108	Zinc	1352.126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
17699	68108	Zinc	251.4363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17700	68108	Zinc	560	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17701	68108	Zinc	366.9138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17703	68108	Zinc	1046.055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
17705	68108	Zinc	97.5375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
17707	68108	Zinc	330.495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17708	68108	Zinc	760.8011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17710	68108	Zinc	394.219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17711	68108	Zinc	579.517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
17714	68108	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17715	68108	Zinc	250.1814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17716	68108	Zinc	212.3742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17721	68108	Zinc	504.4099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17726	68108	Zinc	218.1058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17730	68108	Zinc	702.6752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17732	68108	Zinc	215.7562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17740	68108	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17742	68108	Zinc	277.0149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17744	68108	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17751	68108	Zinc	660.3023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17754	68108	Zinc	372.236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17755	68108	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17759	68108	Zinc	254.4089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17760	68108	Zinc	784.6353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17761	68108	Zinc	263.923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17766	68108	Zinc	346.871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17771	68108	Zinc	224.9855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17772	68108	Zinc	597.1479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17774	68108	Zinc	243.5687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17775	68108	Zinc	264.2078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17776	68108	Zinc	186.1993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
17778	68108	Zinc	360	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17782	68108	Zinc	697.6378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17784	68108	Zinc	498.5537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17787	68108	Zinc	271.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17792	68108	Zinc	230.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17793	68108	Zinc	419.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17797	68108	Zinc	440.4189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17799	68108	Zinc	209.3749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17801	68108	Zinc	473.0463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17804	68108	Zinc	262.8995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17810	68108	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17811	68108	Zinc	415.8549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17813	68108	Zinc	334.7047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17815	68108	Zinc	207.9509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17818	68108	Zinc	778.3163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
17819	68108	Zinc	260.1672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17823	68108	Zinc	661.3258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17828	68108	Zinc	351.1608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17829	68108	Zinc	185.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17830	68108	Zinc	515.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17832	68108	Zinc	315.7299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17834	68108	Zinc	324.9414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17836	68108	Zinc	629.5884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17840	68108	Zinc	694.9678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17843	68108	Zinc	407.8894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17849	68108	Zinc	284.0726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17851	68108	Zinc	544.3353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17852	68108	Zinc	459.812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17857	68108	Zinc	320.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17858	68108	Zinc	210.3005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
17859	68108	Zinc	260.6211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
17884	68108	Zinc	314.4305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17886	68108	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17891	68108	Zinc	135.5405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
17895	68108	Zinc	457.2132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17896	68108	Zinc	394.0855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17904	68108	Zinc	625.3787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17908	68108	Zinc	411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17911	68108	Zinc	1152.677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
17912	68108	Zinc	186.1103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
17914	68108	Zinc	246.924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17915	68108	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17916	68108	Zinc	381.4653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17919	68108	Zinc	379.356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17922	68108	Zinc	325.1995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17924	68108	Zinc	308.2361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17925	68108	Zinc	341.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17931	68108	Zinc	410.4259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17936	68108	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17940	68108	Zinc	174.5937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
17941	68108	Zinc	406.5811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17945	68108	Zinc	270.1352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17947	68108	Zinc	322.1557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17949	68108	Zinc	253.6168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17953	68108	Zinc	359.242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17956	68108	Zinc	351.143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
17958	68108	Zinc	404.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17963	68108	Zinc	524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17965	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17968	68108	Zinc	432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17971	68108	Zinc	268.1594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17972	68108	Zinc	451.6507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17980	68108	Zinc	638.9957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
17981	68108	Zinc	282.0612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
17985	68108	Zinc	353.4303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
17987	68108	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
17989	68108	Zinc	217.8121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18010	68108	Zinc	497.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18016	68108	Zinc	293.1239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18022	68108	Zinc	334.8738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18032	68108	Zinc	430.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18037	68108	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18038	68108	Zinc	444.5752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18050	68108	Zinc	486.5209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18061	68108	Zinc	694.2024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18063	68108	Zinc	401.1521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18066	68108	Zinc	584.9638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18069	68108	Zinc	663.5419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18070	68108	Zinc	369.299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18075	68108	Zinc	278.0117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18077	68108	Zinc	386.0043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18079	68108	Zinc	570.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18082	68108	Zinc	123.6145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
18084	68108	Zinc	333.5299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18087	68108	Zinc	891.8625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
18089	68108	Zinc	211.4397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18090	68108	Zinc	350.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18091	68108	Zinc	457.8362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18093	68108	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18096	68108	Zinc	241.6285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18098	68108	Zinc	685.5071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18100	68108	Zinc	223.6772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18103	68108	Zinc	376.3567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18106	68108	Zinc	244.3875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18108	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18109	68108	Zinc	283.3428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18111	68108	Zinc	370.9989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18112	68108	Zinc	304.5604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18113	68108	Zinc	349.0871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18115	68108	Zinc	460.3015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18116	68108	Zinc	395.9011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18119	68108	Zinc	289.6084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18123	68108	Zinc	285.0961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18126	68108	Zinc	570.0118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18127	68108	Zinc	373.9804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18129	68108	Zinc	722.5311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18130	68108	Zinc	5066.808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
18131	68108	Zinc	480.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18135	68108	Zinc	428.6086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18136	68108	Zinc	635.0441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18139	68108	Zinc	397.4853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18140	68108	Zinc	154.631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18141	68108	Zinc	562.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18142	68108	Zinc	385.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18146	68108	Zinc	609.6257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18148	68108	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18149	68108	Zinc	796.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
18150	68108	Zinc	237.2141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18154	68108	Zinc	374.4343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
18194	68108	Zinc	444.7621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18195	68108	Zinc	297.2268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18196	68108	Zinc	882.9447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
18198	68108	Zinc	318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18199	68108	Zinc	366.4154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18202	68108	Zinc	337.7396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18205	68108	Zinc	549.8533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18209	68108	Zinc	586.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18211	68108	Zinc	208.832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18212	68108	Zinc	533.6375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18213	68108	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18215	68108	Zinc	379.8277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18217	68108	Zinc	397.2806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18218	68108	Zinc	396.6843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18219	68108	Zinc	524.7197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18221	68108	Zinc	264.279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18222	68108	Zinc	476.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18228	68108	Zinc	341.6645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18231	68108	Zinc	214.4301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18234	68108	Zinc	340.2672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18235	68108	Zinc	376.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18238	68108	Zinc	396.1414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18241	68108	Zinc	515.5527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18242	68108	Zinc	691.479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18244	68108	Zinc	647.6821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18245	68108	Zinc	654.2236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18246	68108	Zinc	440.3477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18249	68108	Zinc	535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18253	68108	Zinc	350.0216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18254	68108	Zinc	246.4523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18255	68108	Zinc	236.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18257	68108	Zinc	295.8384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18259	68108	Zinc	302.6558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18263	68108	Zinc	322.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18264	68108	Zinc	414.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18271	68108	Zinc	404.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18272	68108	Zinc	315.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18276	68108	Zinc	332.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18277	68108	Zinc	257.248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18280	68108	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18282	68108	Zinc	472.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18283	68108	Zinc	456.4478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18286	68108	Zinc	567.9203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18288	68108	Zinc	368.6048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18289	68108	Zinc	502.1404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18296	68108	Zinc	459.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18305	68108	Zinc	305.5394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18307	68108	Zinc	207.0698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18308	68108	Zinc	340.7656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18309	68108	Zinc	475.3781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18310	68108	Zinc	309.5355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18314	68108	Zinc	255.379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18315	68108	Zinc	350.1284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18316	68108	Zinc	241.2102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18317	68108	Zinc	249.8521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18318	68108	Zinc	1103.371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
18319	68108	Zinc	482.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18322	68108	Zinc	528.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18325	68108	Zinc	352.0152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18326	68108	Zinc	305.1923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18327	68108	Zinc	593.1429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18328	68108	Zinc	233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18330	68108	Zinc	512.9806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18331	68108	Zinc	438.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18339	68108	Zinc	387.8288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18340	68108	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18341	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18343	68108	Zinc	945.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
18345	68108	Zinc	446.3018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18348	68108	Zinc	420.7321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18350	68108	Zinc	378.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18357	68108	Zinc	327.8072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18361	68108	Zinc	412.0101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18366	68108	Zinc	454.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18373	68108	Zinc	420.5719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18375	68108	Zinc	347.9123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18377	68108	Zinc	398.4109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18379	68108	Zinc	425.4936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18380	68108	Zinc	372.9925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18384	68108	Zinc	361.645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18385	68108	Zinc	411.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18386	68108	Zinc	235.8168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18388	68108	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18390	68108	Zinc	114.2873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18391	68108	Zinc	603.4847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18392	68108	Zinc	172.2797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18394	68108	Zinc	373.2951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18397	68108	Zinc	395.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
18430	68108	Zinc	394.6996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18433	68108	Zinc	488.2386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18435	68108	Zinc	385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18436	68108	Zinc	552.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18437	68108	Zinc	521.9073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18438	68108	Zinc	1156.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
18439	68108	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18440	68108	Zinc	623.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18441	68108	Zinc	910.5703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
18447	68108	Zinc	546.3022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18448	68108	Zinc	535.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18449	68108	Zinc	645.7419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18450	68108	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18451	68108	Zinc	416.8695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18456	68108	Zinc	244.4231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18461	68108	Zinc	1103.727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
18467	68108	Zinc	401.3301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18468	68108	Zinc	506.7506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18471	68108	Zinc	584.2162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18475	68108	Zinc	302.905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18476	68108	Zinc	910.7839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
18477	68108	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18483	68108	Zinc	262.5702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18484	68108	Zinc	258.6275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18486	68108	Zinc	783.9055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
18487	68108	Zinc	446.9693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18488	68108	Zinc	508.3615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18492	68108	Zinc	615.7756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18494	68108	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18497	68108	Zinc	375.2531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18498	68108	Zinc	444.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18501	68108	Zinc	341.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18502	68108	Zinc	415.4722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18504	68108	Zinc	279.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18506	68108	Zinc	502.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18509	68108	Zinc	269.7347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18510	68108	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18512	68108	Zinc	196.7369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18515	68108	Zinc	525.3516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18518	68108	Zinc	625.7614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18519	68108	Zinc	340.7656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18521	68108	Zinc	466.8697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18522	68108	Zinc	463.7102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18526	68108	Zinc	287.5169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18530	68108	Zinc	244.9927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18532	68108	Zinc	330.4505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18533	68108	Zinc	211.5465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18535	68108	Zinc	440.9885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18536	68108	Zinc	406.2073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18537	68108	Zinc	244.2718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18539	68108	Zinc	193.6041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18540	68108	Zinc	358.7703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18541	68108	Zinc	544.9227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18542	68108	Zinc	229.6847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18543	68108	Zinc	344.4947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18547	68108	Zinc	339.395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18549	68108	Zinc	259.5086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18551	68108	Zinc	341.6289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18552	68108	Zinc	312.0008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18554	68108	Zinc	414.4487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18556	68108	Zinc	399.2475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18566	68108	Zinc	349.7368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18567	68108	Zinc	449.1676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18568	68108	Zinc	532.0533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18569	68108	Zinc	228.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18571	68108	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18572	68108	Zinc	361.6005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18576	68108	Zinc	285.8081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18579	68108	Zinc	208.5205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18582	68108	Zinc	252.7268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18585	68108	Zinc	380.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18594	68108	Zinc	992.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
18595	68108	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18597	68108	Zinc	404.7566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18599	68108	Zinc	498.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18603	68108	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18605	68108	Zinc	325.7513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18609	68108	Zinc	392.5903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18611	68108	Zinc	683.5936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18614	68108	Zinc	516.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18619	68108	Zinc	693.9354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18622	68108	Zinc	415.8549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18627	68108	Zinc	239.6705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18629	68108	Zinc	481.9997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18631	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18632	68108	Zinc	427.7987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18634	68108	Zinc	701.8742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18636	68108	Zinc	793.8646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
18681	68108	Zinc	336.1465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18682	68108	Zinc	321.5772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18687	68108	Zinc	847.7185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
18691	68108	Zinc	239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18692	68108	Zinc	464.5557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18694	68108	Zinc	410.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18696	68108	Zinc	262.0718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18697	68108	Zinc	557.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18698	68108	Zinc	511.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18700	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18702	68108	Zinc	305.9132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18703	68108	Zinc	569.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18704	68108	Zinc	334.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18706	68108	Zinc	367.7059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18707	68108	Zinc	478.4397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18709	68108	Zinc	348.5887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18710	68108	Zinc	207.9153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18711	68108	Zinc	517.6531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18712	68108	Zinc	344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18716	68108	Zinc	324.1671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18718	68108	Zinc	158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18720	68108	Zinc	386.6896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18721	68108	Zinc	334.0194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18724	68108	Zinc	317.946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18725	68108	Zinc	465.5881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18726	68108	Zinc	159.3747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
18731	68108	Zinc	667.2799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18742	68108	Zinc	538.1142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18748	68108	Zinc	1018.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
18749	68108	Zinc	390.0983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18751	68108	Zinc	273.1167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18756	68108	Zinc	498.2778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18758	68108	Zinc	282.2392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18760	68108	Zinc	322.218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18761	68108	Zinc	269.1206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18766	68108	Zinc	205.2631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18768	68108	Zinc	469.0413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18771	68108	Zinc	677.6128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18772	68108	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18774	68108	Zinc	241.2903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18779	68108	Zinc	527.096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18780	68108	Zinc	601.8026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18781	68108	Zinc	332.4619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18784	68108	Zinc	302.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18788	68108	Zinc	361.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18793	68108	Zinc	468.5429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18794	68108	Zinc	359.9362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18799	68108	Zinc	324.5498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18800	68108	Zinc	636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18802	68108	Zinc	638.1769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18803	68108	Zinc	333.0582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18805	68108	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18808	68108	Zinc	340.1871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18809	68108	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
18811	68108	Zinc	383.1385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18814	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18816	68108	Zinc	120.5173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
18818	68108	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18819	68108	Zinc	371.7198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18822	68108	Zinc	393.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18826	68108	Zinc	412.8734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18832	68108	Zinc	379.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18833	68108	Zinc	424.479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18836	68108	Zinc	529.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18837	68108	Zinc	330.6641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18838	68108	Zinc	419.3615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18843	68108	Zinc	631.582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18844	68108	Zinc	520.2341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18845	68108	Zinc	723.7237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
18849	68108	Zinc	541.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18851	68108	Zinc	325.422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18854	68108	Zinc	245.322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18855	68108	Zinc	410.0343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18860	68108	Zinc	305.7085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18862	68108	Zinc	484.5095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18864	68108	Zinc	285.283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18872	68108	Zinc	138.0859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
18875	68108	Zinc	138.8958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
18879	68108	Zinc	306.1001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18885	68108	Zinc	289.1634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18890	68108	Zinc	307.8445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18892	68108	Zinc	1370.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
18893	68108	Zinc	352.5136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18896	68108	Zinc	307.6932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18899	68108	Zinc	570.1008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18903	68108	Zinc	345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18914	68108	Zinc	276.6055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18922	68108	Zinc	286.3421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
18947	68108	Zinc	251.1159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18950	68108	Zinc	258.3427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18953	68108	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18956	68108	Zinc	518.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18960	68108	Zinc	585.0973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
18962	68108	Zinc	372.4229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18965	68108	Zinc	168.871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
18968	68108	Zinc	371.7732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18972	68108	Zinc	228.4298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18974	68108	Zinc	275.5019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18975	68108	Zinc	439.9828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18976	68108	Zinc	509.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18977	68108	Zinc	797.4335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
18978	68108	Zinc	333.2629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
18981	68108	Zinc	212.0271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
18982	68108	Zinc	205.4144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
18984	68108	Zinc	118.8797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
18985	68108	Zinc	231.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18988	68108	Zinc	415.0984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18990	68108	Zinc	437.3662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18991	68108	Zinc	280.7529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
18992	68108	Zinc	545.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18994	68108	Zinc	438.0693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
18998	68108	Zinc	554.9619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
19002	68108	Zinc	484.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19005	68108	Zinc	247.013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19008	68108	Zinc	548.2958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
19011	68108	Zinc	294.1296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19012	68108	Zinc	188.8337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19018	68108	Zinc	368.1064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19019	68108	Zinc	332.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19021	68108	Zinc	532.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19030	68108	Zinc	496.7915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19033	68108	Zinc	375.5201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19038	68108	Zinc	216.7886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19041	68108	Zinc	356.9102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19044	68108	Zinc	255.9753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19045	68108	Zinc	324.2027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19048	68108	Zinc	309.6868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19054	68108	Zinc	348.4908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19058	68108	Zinc	401.5259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19059	68108	Zinc	900.0238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19063	68108	Zinc	323.9713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19064	68108	Zinc	386.2001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19069	68108	Zinc	173.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
19071	68108	Zinc	214.1364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19072	68108	Zinc	355.2459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19073	68108	Zinc	725.8953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19074	68108	Zinc	185.1491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19076	68108	Zinc	322.9033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19078	68108	Zinc	410.9688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19079	68108	Zinc	949.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19082	68108	Zinc	464.5735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19084	68108	Zinc	502.3451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19085	68108	Zinc	1152.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
19086	68108	Zinc	358.8771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19088	68108	Zinc	371.4528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19090	68108	Zinc	536.441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19091	68108	Zinc	463.639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19093	68108	Zinc	695.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19094	68108	Zinc	483.4326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19095	68108	Zinc	506.5459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19096	68108	Zinc	247.8674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19097	68108	Zinc	250.6086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19098	68108	Zinc	219.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19099	68108	Zinc	662.8477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19103	68108	Zinc	496.6313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19111	68108	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19115	68108	Zinc	213.2375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19116	68108	Zinc	423.9539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19117	68108	Zinc	245.0194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19119	68108	Zinc	511.3519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19122	68108	Zinc	917.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19125	68108	Zinc	239.8396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19126	68108	Zinc	230	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19130	68108	Zinc	220.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19136	68108	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19138	68108	Zinc	279.5247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19140	68108	Zinc	224.9054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19144	68108	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19151	68108	Zinc	190.5425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19153	68108	Zinc	262.7571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19157	68108	Zinc	795.5378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
19159	68108	Zinc	516.2024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19161	68108	Zinc	291.2015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19164	68108	Zinc	455.9939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19170	68108	Zinc	712.3228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19173	68108	Zinc	290.7031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
19195	68108	Zinc	396.8267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19197	68108	Zinc	437.9002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19198	68108	Zinc	440.0006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19199	68108	Zinc	464.4222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19201	68108	Zinc	401.0008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19203	68108	Zinc	419.8332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19205	68108	Zinc	230.8684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19206	68108	Zinc	232.7374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19207	68108	Zinc	291.7444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19209	68108	Zinc	274.0156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19210	68108	Zinc	421.8802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19211	68108	Zinc	379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19212	68108	Zinc	525.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19214	68108	Zinc	678.1913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19224	68108	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19243	68108	Zinc	175.0298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
19244	68108	Zinc	272.4759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19247	68108	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19251	68108	Zinc	627.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19254	68108	Zinc	591.6299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19255	68108	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19256	68108	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19258	68108	Zinc	456.3766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19262	68108	Zinc	669.2735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19264	68108	Zinc	363.6297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19268	68108	Zinc	436.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19269	68108	Zinc	504.2052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19276	68108	Zinc	619.7628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19277	68108	Zinc	367.9195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19279	68108	Zinc	491.229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19280	68108	Zinc	888.4004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19281	68108	Zinc	696.6143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19289	68108	Zinc	199.754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
19290	68108	Zinc	208.2802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19292	68108	Zinc	406.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19294	68108	Zinc	383.7704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19299	68108	Zinc	331.0112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19301	68108	Zinc	240.5071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19312	68108	Zinc	319.8595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19313	68108	Zinc	650.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19315	68108	Zinc	730.5767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19341	68108	Zinc	987.849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
19343	68108	Zinc	513.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19347	68108	Zinc	361.1199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19349	68108	Zinc	1296.145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
19351	68108	Zinc	337.0098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19355	68108	Zinc	338.238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19357	68108	Zinc	442.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19362	68108	Zinc	469.9402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19369	68108	Zinc	541.0779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19371	68108	Zinc	199.8964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
19373	68108	Zinc	462.1883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19374	68108	Zinc	993.367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
19375	68108	Zinc	233.7787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19376	68108	Zinc	354.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19379	68108	Zinc	287.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19381	68108	Zinc	291.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19383	68108	Zinc	423.4822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19385	68108	Zinc	377.3357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19388	68108	Zinc	933.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19389	68108	Zinc	429.5609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19390	68108	Zinc	304.7473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19391	68108	Zinc	530.0864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19394	68108	Zinc	1215.422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
19395	68108	Zinc	395.1446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19396	68108	Zinc	782.704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
19399	68108	Zinc	611.2811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19402	68108	Zinc	230.4768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19404	68108	Zinc	329.1422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19406	68108	Zinc	412.4284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19407	68108	Zinc	231.0197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19411	68108	Zinc	407.2842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19414	68108	Zinc	313.8876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19416	68108	Zinc	354.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19417	68108	Zinc	432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19419	68108	Zinc	334.0016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19426	68108	Zinc	588.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19429	68108	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19430	68108	Zinc	670.4483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19440	68108	Zinc	449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19444	68108	Zinc	385.7996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19449	68108	Zinc	415.7125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19450	68108	Zinc	168.1056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
19455	68108	Zinc	347.4762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19460	68108	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19464	68108	Zinc	328.3946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19465	68108	Zinc	309.8737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19466	68108	Zinc	422.6723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
19506	68108	Zinc	278.0206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19509	68108	Zinc	365.383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19512	68108	Zinc	404.9435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19513	68108	Zinc	524.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19514	68108	Zinc	292.2517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19515	68108	Zinc	225.9912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19519	68108	Zinc	400.1909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19521	68108	Zinc	266.593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19522	68108	Zinc	252.7446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19526	68108	Zinc	233.8677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19533	68108	Zinc	345.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19535	68108	Zinc	541.1936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19545	68108	Zinc	130.1204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19546	68108	Zinc	146.2294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
19549	68108	Zinc	326.2942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19553	68108	Zinc	387.5796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19554	68108	Zinc	575.779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
19557	68108	Zinc	742.7163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19563	68108	Zinc	923.769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19564	68108	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19565	68108	Zinc	448.2242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19566	68108	Zinc	433.5125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19570	68108	Zinc	328.7595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19571	68108	Zinc	671.5608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19573	68108	Zinc	462.8469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19574	68108	Zinc	447.0494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19579	68108	Zinc	330.406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19581	68108	Zinc	287.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19584	68108	Zinc	380.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19586	68108	Zinc	339.751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19590	68108	Zinc	497.5658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19595	68108	Zinc	488.9417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19597	68108	Zinc	318.2041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19600	68108	Zinc	375.3421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19603	68108	Zinc	408.5747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19617	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19622	68108	Zinc	266.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19623	68108	Zinc	441.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19624	68108	Zinc	114.4297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
19627	68108	Zinc	234.1347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19628	68108	Zinc	385.1499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19630	68108	Zinc	451.3303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19632	68108	Zinc	622.1658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19633	68108	Zinc	369.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19634	68108	Zinc	256.6784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19637	68108	Zinc	395.4294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19640	68108	Zinc	217.2158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19643	68108	Zinc	253.8037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19644	68108	Zinc	463.6479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19650	68108	Zinc	482.2222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19651	68108	Zinc	316.6288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19652	68108	Zinc	169.3249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
19653	68108	Zinc	498.4558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19654	68108	Zinc	377.7985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19656	68108	Zinc	178.7055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19660	68108	Zinc	256.892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19661	68108	Zinc	619.2377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19662	68108	Zinc	245.8204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19665	68108	Zinc	319.7794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19674	68108	Zinc	442.8308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19680	68108	Zinc	191.9092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19684	68108	Zinc	490.962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19687	68108	Zinc	496.2397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19689	68108	Zinc	440.9707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19694	68108	Zinc	153.118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
19698	68108	Zinc	246.8261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19699	68108	Zinc	355.8422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19701	68108	Zinc	2145.294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
19703	68108	Zinc	273.6507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19704	68108	Zinc	373.4375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19707	68108	Zinc	286.9918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19709	68108	Zinc	428.8667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19712	68108	Zinc	249.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19713	68108	Zinc	129.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19714	68108	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19723	68108	Zinc	861.3444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
19731	68108	Zinc	820.6803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
19732	68108	Zinc	346.0611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19736	68108	Zinc	549.969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
19748	68108	Zinc	345.4915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19750	68108	Zinc	656.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19752	68108	Zinc	139.8392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19754	68108	Zinc	320.5359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19769	68108	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19770	68108	Zinc	271.6482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19774	68108	Zinc	186.5108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
19777	68108	Zinc	459.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19778	68108	Zinc	465.775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
19808	68108	Zinc	232.5327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19811	68108	Zinc	810.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
19820	68108	Zinc	685.7919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19826	68108	Zinc	399.3365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19828	68108	Zinc	184.9978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
19838	68108	Zinc	373.5532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19850	68108	Zinc	719.7276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19853	68108	Zinc	507.5427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19862	68108	Zinc	429.4541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19870	68108	Zinc	336.5381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19872	68108	Zinc	623.2071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19874	68108	Zinc	365.4275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19875	68108	Zinc	531.4036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19880	68108	Zinc	262.4278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19882	68108	Zinc	214.7505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19883	68108	Zinc	141.459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
19884	68108	Zinc	263.6649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19894	68108	Zinc	332.9781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19898	68108	Zinc	76.9874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
19902	68108	Zinc	218.0613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19904	68108	Zinc	158.6805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
19905	68108	Zinc	274.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19906	68108	Zinc	478.8936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19909	68108	Zinc	648.7501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19917	68108	Zinc	216.4148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
19920	68108	Zinc	342.2341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19930	68108	Zinc	256.625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19933	68108	Zinc	409.9631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19937	68108	Zinc	310.114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19948	68108	Zinc	359.3666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19949	68108	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
19964	68108	Zinc	340.1604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
19969	68108	Zinc	380.8868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19980	68108	Zinc	1477.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
19985	68108	Zinc	790.6962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
19988	68108	Zinc	475.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
19991	68108	Zinc	692.1109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
19996	68108	Zinc	164.5278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
19998	68108	Zinc	335.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20003	68108	Zinc	215.7028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20004	68108	Zinc	318.6491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20006	68108	Zinc	481.9018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20011	68108	Zinc	316.8691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20013	68108	Zinc	166.4769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
20021	68108	Zinc	506.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20037	68108	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20039	68108	Zinc	301.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20040	68108	Zinc	466.398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20043	68108	Zinc	284.0993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20044	68108	Zinc	715.4912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20046	68108	Zinc	375.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20047	68108	Zinc	474.675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20051	68108	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20053	68108	Zinc	498.2155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20055	68108	Zinc	375.6714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20060	68108	Zinc	346.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20061	68108	Zinc	537.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20063	68108	Zinc	133.627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20068	68108	Zinc	913.267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20078	68108	Zinc	255.6371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20081	68108	Zinc	443.1868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20083	68108	Zinc	316.5576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20084	68108	Zinc	226.6231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20086	68108	Zinc	288.754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20087	68108	Zinc	420.9101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20090	68108	Zinc	755.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20091	68108	Zinc	440.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20100	68108	Zinc	528.9116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20103	68108	Zinc	647.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20104	68108	Zinc	368.2132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20109	68108	Zinc	503.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20115	68108	Zinc	616.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20117	68108	Zinc	616.7813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20122	68108	Zinc	449.0786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20127	68108	Zinc	243.1504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20136	68108	Zinc	847.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20137	68108	Zinc	549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20142	68108	Zinc	640.3663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20144	68108	Zinc	473.9452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20145	68108	Zinc	292.4653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20149	68108	Zinc	523.1889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20151	68108	Zinc	319.7349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20154	68108	Zinc	735.4806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20158	68108	Zinc	747.8427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20160	68108	Zinc	780.4701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
20165	68108	Zinc	510.6221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20167	68108	Zinc	654.6508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20168	68108	Zinc	685.2757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
20200	68108	Zinc	458.4058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20201	68108	Zinc	160.594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
20202	68108	Zinc	515.6417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20205	68108	Zinc	383.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20210	68108	Zinc	576.046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20222	68108	Zinc	159.8731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
20225	68108	Zinc	412.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20229	68108	Zinc	311.0663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20230	68108	Zinc	370.812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20231	68108	Zinc	332.7645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20237	68108	Zinc	548.0644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20240	68108	Zinc	560.9783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20242	68108	Zinc	352.8963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20244	68108	Zinc	341.5755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20252	68108	Zinc	423.0906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20256	68108	Zinc	278.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20258	68108	Zinc	462.0192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20264	68108	Zinc	444.1658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20266	68108	Zinc	492.5284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20269	68108	Zinc	466.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20274	68108	Zinc	582.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20279	68108	Zinc	619.923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20282	68108	Zinc	365.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20283	68108	Zinc	363.1046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20284	68108	Zinc	4804.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
20285	68108	Zinc	318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20287	68108	Zinc	367.1185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20289	68108	Zinc	536.174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20292	68108	Zinc	238.7538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20294	68108	Zinc	299.9146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20302	68108	Zinc	569.6558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20304	68108	Zinc	352.2021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20308	68108	Zinc	303.2076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20311	68108	Zinc	304.6049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20314	68108	Zinc	243.2216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20318	68108	Zinc	242.8389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20320	68108	Zinc	314.8488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20337	68108	Zinc	149.1486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
20341	68108	Zinc	468.7476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20344	68108	Zinc	336.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20345	68108	Zinc	616.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20356	68108	Zinc	521.4979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20357	68108	Zinc	353.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20358	68108	Zinc	425.8585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20363	68108	Zinc	452.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20367	68108	Zinc	309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20369	68108	Zinc	582.3917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20370	68108	Zinc	584.1717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20372	68108	Zinc	396.5419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20373	68108	Zinc	416.0151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20381	68108	Zinc	269.7881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20382	68108	Zinc	379.6675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20390	68108	Zinc	335.746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20395	68108	Zinc	320.3668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20396	68108	Zinc	349.8436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20402	68108	Zinc	396.7021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20412	68108	Zinc	308.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20425	68108	Zinc	449.6927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20431	68108	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20432	68108	Zinc	367.875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20437	68108	Zinc	353.3769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20438	68108	Zinc	367.6258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20439	68108	Zinc	375.5913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20444	68108	Zinc	538.6304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20445	68108	Zinc	296.8886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20451	68108	Zinc	300.1371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20459	68108	Zinc	441.6471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20464	68108	Zinc	222.0396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20467	68108	Zinc	432.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20468	68108	Zinc	791.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
20476	68108	Zinc	249.1223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20484	68108	Zinc	440.0718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20487	68108	Zinc	336.547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20489	68108	Zinc	930.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20491	68108	Zinc	525.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20501	68108	Zinc	319.6815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20502	68108	Zinc	330.0589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20511	68108	Zinc	704.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20515	68108	Zinc	663.711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20516	68108	Zinc	476.099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20517	68108	Zinc	631.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20518	68108	Zinc	196.016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
20524	68108	Zinc	750.2902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20529	68108	Zinc	603.2889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20530	68108	Zinc	379.5429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20538	68108	Zinc	299.2026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20541	68108	Zinc	416.4334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20542	68108	Zinc	268.2395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER			CANCER	NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
20574	68108	Zinc	220.1172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
20575	68108	Zinc	687.5274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20581	68108	Zinc	688.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20582	68108	Zinc	465.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20588	68108	Zinc	479.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20589	68108	Zinc	480.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20592	68108	Zinc	128.2425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
20596	68108	Zinc	298.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20608	68108	Zinc	827.7469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20617	68108	Zinc	512.0817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20620	68108	Zinc	501.5263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20623	68108	Zinc	342.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20627	68108	Zinc	303.5191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20629	68108	Zinc	616.2384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20632	68108	Zinc	141.6815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
20633	68108	Zinc	203.6878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
20635	68108	Zinc	694.3715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20638	68108	Zinc	246.1586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20639	68108	Zinc	484.3315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20654	68108	Zinc	703.3605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20658	68108	Zinc	126.6583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
20660	68108	Zinc	194.2716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
20664	68108	Zinc	580.585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20671	68108	Zinc	407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20676	68108	Zinc	378.555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20677	68108	Zinc	738.471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20689	68108	Zinc	367.6169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20695	68108	Zinc	338.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20699	68108	Zinc	827.2485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20719	68108	Zinc	1526.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
20724	68108	Zinc	549.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20729	68108	Zinc	413.4252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20731	68108	Zinc	414.7691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20732	68108	Zinc	489.9474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20734	68108	Zinc	390.8459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20736	68108	Zinc	191.3791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
20738	68108	Zinc	600.9482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20740	68108	Zinc	481.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20741	68108	Zinc	829.5536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20742	68108	Zinc	425.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20744	68108	Zinc	394.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20745	68108	Zinc	334.1262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20746	68108	Zinc	335.1497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20749	68108	Zinc	396.0524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20750	68108	Zinc	244.6545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20752	68108	Zinc	365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20755	68108	Zinc	256.2156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20758	68108	Zinc	384.3845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20766	68108	Zinc	507.0888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20771	68108	Zinc	457.0352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20778	68108	Zinc	454.9259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20780	68108	Zinc	594.0062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20782	68108	Zinc	603.2355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20784	68108	Zinc	978.771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20785	68108	Zinc	340.8813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20786	68108	Zinc	729.8736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20793	68108	Zinc	321.9599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20795	68108	Zinc	351.5346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20799	68108	Zinc	659.8573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20802	68108	Zinc	490.4725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20806	68108	Zinc	605.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20808	68108	Zinc	481.4212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20811	68108	Zinc	528.5645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20816	68108	Zinc	389.9826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20818	68108	Zinc	336.3601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
20822	68108	Zinc	276.6233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20827	68108	Zinc	573.6786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20831	68108	Zinc	580.763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20832	68108	Zinc	355.9223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20835	68108	Zinc	390.6679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20846	68108	Zinc	574.5508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20864	68108	Zinc	597.3437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20865	68108	Zinc	443.2491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20866	68108	Zinc	675.9396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20870	68108	Zinc	377.5849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20875	68108	Zinc	279.5158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20880	68108	Zinc	477.5319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20881	68108	Zinc	746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20891	68108	Zinc	269.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20904	68108	Zinc	365.1071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20912	68108	Zinc	959.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20918	68108	Zinc	360.0697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20922	68108	Zinc	637.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
20926	68108	Zinc	563.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
20929	68108	Zinc	538.1943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
20938	68108	Zinc	792.4762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
20939	68108	Zinc	881.5563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20940	68108	Zinc	873.0924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
20991	68108	Zinc	300.7423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20992	68108	Zinc	948.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
20996	68108	Zinc	267.5631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
20998	68108	Zinc	352.0152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21003	68108	Zinc	170.1081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
21004	68108	Zinc	431.5634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21006	68108	Zinc	492.2525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21017	68108	Zinc	720.9736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21026	68108	Zinc	534.127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21030	68108	Zinc	404.4718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21039	68108	Zinc	134.9442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21044	68108	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21063	68108	Zinc	707.5613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21084	68108	Zinc	115.6312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21091	68108	Zinc	465.8017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21103	68108	Zinc	174.3356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
21118	68108	Zinc	321.3369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21121	68108	Zinc	160.0333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
21123	68108	Zinc	151.1867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
21126	68108	Zinc	139.6879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
21127	68108	Zinc	487.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21128	68108	Zinc	691.1675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21131	68108	Zinc	345.9632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
21134	68108	Zinc	491.0777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21135	68108	Zinc	889.1391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
21142	68108	Zinc	498.8652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21145	68108	Zinc	666.8349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21146	68108	Zinc	803.8148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
21154	68108	Zinc	296.2567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21155	68108	Zinc	518.1426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21156	68108	Zinc	743.2859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21157	68108	Zinc	591.6121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21161	68108	Zinc	354.0711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21168	68108	Zinc	599.9425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21172	68108	Zinc	669.7808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21175	68108	Zinc	962.217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
21181	68108	Zinc	521.1152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21184	68108	Zinc	288.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21188	68108	Zinc	699.3021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21190	68108	Zinc	478.9826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21197	68108	Zinc	407.1774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21199	68108	Zinc	523.5627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21217	68108	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21224	68108	Zinc	417.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21227	68108	Zinc	309.6868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21234	68108	Zinc	482.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21235	68108	Zinc	420.029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21236	68108	Zinc	437.3128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21238	68108	Zinc	513.5502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21240	68108	Zinc	507.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21242	68108	Zinc	446.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21245	68108	Zinc	191.4681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
21246	68108	Zinc	413.5142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21250	68108	Zinc	465.8195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21253	68108	Zinc	682.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21255	68108	Zinc	75.2697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21256	68108	Zinc	86.3769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21284	68108	Zinc	548.1623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
21292	68108	Zinc	218.9513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21353	68108	Zinc	142.5092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
21357	68108	Zinc	101.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
21359	68108	Zinc	126.863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
21363	68108	Zinc	88.5307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21370	68108	Zinc	200.8754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
21383	68108	Zinc	440.1697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21389	68108	Zinc	670.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21392	68108	Zinc	99.9761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
21395	68108	Zinc	409.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21398	68108	Zinc	273.8287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21400	68108	Zinc	347.138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
21401	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21406	68108	Zinc	816.2125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
21407	68108	Zinc	68.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
21413	68108	Zinc	438.5588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21416	68108	Zinc	92.0284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
21422	68108	Zinc	99.006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
21428	68108	Zinc	399.9951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21432	68108	Zinc	1241.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
21437	68108	Zinc	257.2302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21441	68108	Zinc	274.2203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21442	68108	Zinc	471.2752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21452	68108	Zinc	108.796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
21456	68108	Zinc	531.813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21461	68108	Zinc	605.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21463	68108	Zinc	665.313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21502	68108	Zinc	360.3901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21506	68108	Zinc	867.6723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
21508	68108	Zinc	1885.325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
21575	68108	Zinc	762.6434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21582	68108	Zinc	270	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21599	68108	Zinc	686.7175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21620	68108	Zinc	1420.211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
21627	68108	Zinc	581.1991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
21635	68108	Zinc	294.895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21642	68108	Zinc	353.8308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21659	68108	Zinc	562.3667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
21664	68108	Zinc	209.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
21668	68108	Zinc	418.5605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21671	68108	Zinc	405.2639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21717	68108	Zinc	362.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21729	68108	Zinc	382.6935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21732	68108	Zinc	518.1782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21741	68108	Zinc	394.0143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21756	68108	Zinc	451.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21765	68108	Zinc	501.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21767	68108	Zinc	546.7116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21771	68108	Zinc	176.3559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
21785	68108	Zinc	404.1781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21791	68108	Zinc	524.7998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21792	68108	Zinc	551.2417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
21798	68108	Zinc	441.1754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21805	68108	Zinc	314.0923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21830	68108	Zinc	779.3487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
21839	68108	Zinc	298.4906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21846	68108	Zinc	764.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21848	68108	Zinc	354.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21856	68108	Zinc	360.8796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21863	68108	Zinc	513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21876	68108	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
21886	68108	Zinc	367.8839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21897	68108	Zinc	544.2374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21905	68108	Zinc	307.1236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21917	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21920	68108	Zinc	313.3002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21940	68108	Zinc	418.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21945	68108	Zinc	624.0704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21947	68108	Zinc	534.7055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
21955	68108	Zinc	571.9876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
21959	68108	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
21972	68108	Zinc	710.7119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
21992	68108	Zinc	382.7647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22003	68108	Zinc	271.2833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22059	68108	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22063	68108	Zinc	424.924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22066	68108	Zinc	374.5233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22068	68108	Zinc	511.8325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22082	68108	Zinc	462.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22086	68108	Zinc	668.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22095	68108	Zinc	503.9471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22108	68108	Zinc	345.8119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
22111	68108	Zinc	632.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22116	68108	Zinc	388.5052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22118	68108	Zinc	391.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22126	68108	Zinc	1193.439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
22136	68108	Zinc	464.6091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22166	68108	Zinc	172.8938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
22176	68108	Zinc	396.5152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22201	68108	Zinc	250.3327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22203	68108	Zinc	409.7851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22236	68108	Zinc	205.6191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
22256	68108	Zinc	177.5218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
22263	68108	Zinc	216.7886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22265	68108	Zinc	239.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22282	68108	Zinc	399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22283	68108	Zinc	752.2126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22294	68108	Zinc	534.7055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22296	68108	Zinc	1178.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
22304	68108	Zinc	372.4496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22306	68108	Zinc	403.6352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22308	68108	Zinc	379.0534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34290	68108	Zinc	1298.014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
49149	68108	Zinc	487.4999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49254	68108	Zinc	416.0952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49256	68108	Zinc	246.7994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49264	68108	Zinc	159.3569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49265	68108	Zinc	150.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49268	68108	Zinc	188.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49269	68108	Zinc	124.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49270	68108	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49277	68108	Zinc	537.6069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50449	68108	Zinc	206.6248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50450	68108	Zinc	246.2209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50451	68108	Zinc	190.0441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50452	68108	Zinc	169.9924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50453	68108	Zinc	297.1556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50454	68108	Zinc	267.1982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
50465	68108	Zinc	167.981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50466	68108	Zinc	157.835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50467	68108	Zinc	199.8786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50468	68108	Zinc	277.2641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50469	68108	Zinc	209.9445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50470	68108	Zinc	136.0033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50472	68108	Zinc	164.0027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50486	68108	Zinc	299.701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50518	68108	Zinc	416.6648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50523	68108	Zinc	385.8975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50524	68108	Zinc	908.7636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
50525	68108	Zinc	2421.105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
50526	68108	Zinc	1076.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
50529	68108	Zinc	540.8999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50530	68108	Zinc	440.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50532	68108	Zinc	638.5863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50562	68108	Zinc	633.4688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50568	68108	Zinc	554.7216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
50577	68108	Zinc	495.9638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50596	68108	Zinc	463.5233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50623	68108	Zinc	601.9094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50624	68108	Zinc	1140	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
50651	68108	Zinc	731.2442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50652	68108	Zinc	461.1203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50674	68108	Zinc	381.9281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52419	68108	Zinc	555.5938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
52420	68108	Zinc	589.6452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
62914	68108	Zinc	568.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
62915	68108	Zinc	895.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
64162	68108	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
64395	68108	Zinc	148.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
74005	68108	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
74047	68108	Zinc	489.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
74643	68108	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
75056	68108	Zinc	392.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
75057	68108	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
79306	68108	Zinc	322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
84762	68108	Zinc	511.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
87492	68108	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
87917	68108	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
87918	68108	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
87989	68108	Zinc	635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
87990	68108	Zinc	401.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
87999	68108	Zinc	292.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88000	68108	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
88001	68108	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88002	68108	Zinc	339.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
88003	68108	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88004	68108	Zinc	302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88005	68108	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
88015	68108	Zinc	219.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
88031	68108	Zinc	426.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
88078	68108	Zinc	1343.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
88959	68108	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
89283	68108	Zinc	1007.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
89842	68108	Zinc	395.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
90091	68108	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90092	68108	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90093	68108	Zinc	122.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
90094	68108	Zinc	97.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
90096	68108	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90097	68108	Zinc	511.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
90529	68108	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90599	68108	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
90600	68108	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
90601	68108	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90602	68108	Zinc	179.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
91071	68108	Zinc	481.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
91096	68108	Zinc	258.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91300	68108	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91313	68108	Zinc	316.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91531	68108	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
92372	68108	Zinc	237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
92680	68108	Zinc	554.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
93003	68108	Zinc	529.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93004	68108	Zinc	414.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93005	68108	Zinc	209.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
93006	68108	Zinc	566.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
93007	68108	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
93008	68108	Zinc	666.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
93009	68108	Zinc	404.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93010	68108	Zinc	270.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93031	68108	Zinc	554.3033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
93094	68108	Zinc	322.6363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93133	68108	Zinc	129.0613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93152	68108	Zinc	549.0968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
93214	68108	Zinc	319.2009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93455	68108	Zinc	410.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME

BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
152	68110	Zinc	377.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
155	68110	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
165	68110	Zinc	256.892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
186	68110	Zinc	226.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
191	68110	Zinc	278.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
192	68110	Zinc	535.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
193	68110	Zinc	366.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
196	68110	Zinc	170.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
198	68110	Zinc	314.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
203	68110	Zinc	360.666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
204	68110	Zinc	574.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
206	68110	Zinc	538.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
209	68110	Zinc	216.842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
210	68110	Zinc	183.645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
211	68110	Zinc	314.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
212	68110	Zinc	472.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
217	68110	Zinc	401.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
226	68110	Zinc	411.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
232	68110	Zinc	385.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
233	68110	Zinc	424.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
234	68110	Zinc	207.408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
235	68110	Zinc	407.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
236	68110	Zinc	491.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
238	68110	Zinc	432.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
239	68110	Zinc	223.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
241	68110	Zinc	282.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
242	68110	Zinc	295.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
244	68110	Zinc	451.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
246	68110	Zinc	257.426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
248	68110	Zinc	300.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
252	68110	Zinc	202.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
253	68110	Zinc	196.016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
289	68110	Zinc	225.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
290	68110	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
292	68110	Zinc	536.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
294	68110	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
299	68110	Zinc	170.117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
301	68110	Zinc	337.526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
302	68110	Zinc	317.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
303	68110	Zinc	262.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
304	68110	Zinc	263.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
306	68110	Zinc	198.775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
309	68110	Zinc	273.624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
312	68110	Zinc	779.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
313	68110	Zinc	536.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
314	68110	Zinc	524.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
316	68110	Zinc	382.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
317	68110	Zinc	272.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
320	68110	Zinc	178.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
321	68110	Zinc	264.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
322	68110	Zinc	354.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
324	68110	Zinc	216.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
325	68110	Zinc	290.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
326	68110	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
329	68110	Zinc	317.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
333	68110	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
334	68110	Zinc	171.986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
335	68110	Zinc	182.933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
342	68110	Zinc	282.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
345	68110	Zinc	240.516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
348	68110	Zinc	908.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
352	68110	Zinc	179.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
358	68110	Zinc	288.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
361	68110	Zinc	414.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
364	68110	Zinc	752.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
365	68110	Zinc	207.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
368	68110	Zinc	157.123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
369	68110	Zinc	143.506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
370	68110	Zinc	145.286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
373	68110	Zinc	138.433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
374	68110	Zinc	387.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
376	68110	Zinc	352.122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
378	68110	Zinc	371.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
379	68110	Zinc	126.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
382	68110	Zinc	769.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
383	68110	Zinc	526.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
387	68110	Zinc	221.114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
390	68110	Zinc	287.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
392	68110	Zinc	190.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
395	68110	Zinc	402.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
396	68110	Zinc	621.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
398	68110	Zinc	132.025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
400	68110	Zinc	203.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
403	68110	Zinc	147.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
404	68110	Zinc	177.059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
405	68110	Zinc	322.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
407	68110	Zinc	149.825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
412	68110	Zinc	613.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
416	68110	Zinc	603.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
419	68110	Zinc	200.199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
422	68110	Zinc	948.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
423	68110	Zinc	209.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
424	68110	Zinc	163.887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
425	68110	Zinc	291.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
426	68110	Zinc	255.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
430	68110	Zinc	335.746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
431	68110	Zinc	138.611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
432	68110	Zinc	1063.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
433	68110	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
435	68110	Zinc	255.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
436	68110	Zinc	353.902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
437	68110	Zinc	269.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
439	68110	Zinc	370.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
445	68110	Zinc	202.157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
446	68110	Zinc	118.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
447	68110	Zinc	131.491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
448	68110	Zinc	179.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
450	68110	Zinc	416.024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
451	68110	Zinc	319.548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
454	68110	Zinc	378.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
456	68110	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
457	68110	Zinc	173.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
459	68110	Zinc	320.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
461	68110	Zinc	398.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
463	68110	Zinc	344.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
464	68110	Zinc	462.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
466	68110	Zinc	384.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
471	68110	Zinc	627.9953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
472	68110	Zinc	168.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
475	68110	Zinc	284.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
480	68110	Zinc	284.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
481	68110	Zinc	402.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
482	68110	Zinc	404.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
486	68110	Zinc	191.922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
488	68110	Zinc	653.476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
489	68110	Zinc	292.492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
491	68110	Zinc	445.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
497	68110	Zinc	275.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
499	68110	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
504	68110	Zinc	553.084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
508	68110	Zinc	320.794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
509	68110	Zinc	241.762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
510	68110	Zinc	356.394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
516	68110	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
517	68110	Zinc	185.069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
520	68110	Zinc	155.699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
529	68110	Zinc	904.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
538	68110	Zinc	531.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
608	68110	Zinc	343.934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
611	68110	Zinc	220.046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
619	68110	Zinc	128.465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
621	68110	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
650	68110	Zinc	270.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
721	68110	Zinc	409.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
879	68110	Zinc	165.667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
954	68110	Zinc	355.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
969	68110	Zinc	254.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1001	68110	Zinc	344.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1005	68110	Zinc	257.604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1027	68110	Zinc	227.878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1034	68110	Zinc	368.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1047	68110	Zinc	219.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1050	68110	Zinc	298.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1053	68110	Zinc	507.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1064	68110	Zinc	163.175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1070	68110	Zinc	818.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
1071	68110	Zinc	367.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1077	68110	Zinc	426.704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1089	68110	Zinc	347.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1092	68110	Zinc	270.064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1094	68110	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1097	68110	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1103	68110	Zinc	287.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1107	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1114	68110	Zinc	289.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1118	68110	Zinc	219.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1121	68110	Zinc	299.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1124	68110	Zinc	393.596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1126	68110	Zinc	930.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
1128	68110	Zinc	183.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1129	68110	Zinc	263.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1130	68110	Zinc	379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1131	68110	Zinc	239.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1132	68110	Zinc	243.542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
1199	68110	Zinc	479.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1200	68110	Zinc	566.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
1205	68110	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1207	68110	Zinc	459.812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1209	68110	Zinc	326.134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1233	68110	Zinc	618.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1313	68110	Zinc	903.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
1319	68110	Zinc	504.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1342	68110	Zinc	170.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1352	68110	Zinc	655.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1369	68110	Zinc	354.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1378	68110	Zinc	310.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1379	68110	Zinc	134.873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1449	68110	Zinc	235.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1494	68110	Zinc	153.029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1509	68110	Zinc	368.854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1511	68110	Zinc	188.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2018	68110	Zinc	417.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2069	68110	Zinc	239.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2265	68110	Zinc	315.454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2280	68110	Zinc	408.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2354	68110	Zinc	443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2355	68110	Zinc	422.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2533	68110	Zinc	348.4107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2534	68110	Zinc	443.0889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2539	68110	Zinc	325.1817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2541	68110	Zinc	191.9576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2543	68110	Zinc	266.8155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2546	68110	Zinc	395.9189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2547	68110	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3033	68110	Zinc	188.629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3108	68110	Zinc	135.585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
3117	68110	Zinc	546.943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3136	68110	Zinc	226.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5202	68110	Zinc	153.207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5203	68110	Zinc	301.303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5257	68110	Zinc	258.6275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5258	68110	Zinc	181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5388	68110	Zinc	152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5497	68110	Zinc	118.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5507	68110	Zinc	264.546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5520	68110	Zinc	445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5521	68110	Zinc	367.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5522	68110	Zinc	992.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5523	68110	Zinc	230.2365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5525	68110	Zinc	643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5526	68110	Zinc	554.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5527	68110	Zinc	290	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5528	68110	Zinc	310.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5530	68110	Zinc	519.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5531	68110	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5532	68110	Zinc	966.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5533	68110	Zinc	670.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5535	68110	Zinc	274.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5536	68110	Zinc	430.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5539	68110	Zinc	465.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5540	68110	Zinc	411.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5541	68110	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5543	68110	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5544	68110	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5545	68110	Zinc	215.5426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5546	68110	Zinc	183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5549	68110	Zinc	303.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5551	68110	Zinc	390.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5552	68110	Zinc	277.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5553	68110	Zinc	311.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5554	68110	Zinc	278.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5556	68110	Zinc	220.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5557	68110	Zinc	249.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5558	68110	Zinc	320.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5559	68110	Zinc	262.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5560	68110	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5561	68110	Zinc	300.146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5562	68110	Zinc	264.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5563	68110	Zinc	307.978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5564	68110	Zinc	258.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5565	68110	Zinc	257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5566	68110	Zinc	268.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5568	68110	Zinc	97.1637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
5569	68110	Zinc	116.717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5570	68110	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5577	68110	Zinc	822.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5579	68110	Zinc	374.0516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5581	68110	Zinc	140.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5612	68110	Zinc	401.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5614	68110	Zinc	614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5615	68110	Zinc	550.236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5616	68110	Zinc	340.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5617	68110	Zinc	473.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5620	68110	Zinc	257.426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5621	68110	Zinc	286.084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5640	68110	Zinc	149.469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5641	68110	Zinc	248.882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5642	68110	Zinc	263.122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5643	68110	Zinc	372.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5646	68110	Zinc	361.556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5647	68110	Zinc	344.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5648	68110	Zinc	106.7668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5649	68110	Zinc	380.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5650	68110	Zinc	194.8412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5651	68110	Zinc	257.426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5661	68110	Zinc	202.157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5662	68110	Zinc	110.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5668	68110	Zinc	160.9322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5669	68110	Zinc	137.098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5671	68110	Zinc	294.5924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5676	68110	Zinc	425.636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5677	68110	Zinc	344.6015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5678	68110	Zinc	396.0791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5680	68110	Zinc	212.5166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5689	68110	Zinc	416.1842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26047	68110	Zinc	266.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26085	68110	Zinc	341.6734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26096	68110	Zinc	247.6004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26099	68110	Zinc	144.2625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26104	68110	Zinc	295.1086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26122	68110	Zinc	346.3281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26133	68110	Zinc	554.2499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26169	68110	Zinc	612.5538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26175	68110	Zinc	232.4615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26180	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26182	68110	Zinc	615.4285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26186	68110	Zinc	263.3534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26198	68110	Zinc	486.6455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26201	68110	Zinc	268.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26218	68110	Zinc	255.9219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26234	68110	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26238	68110	Zinc	233.7698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26239	68110	Zinc	370.1178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26243	68110	Zinc	315.5252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26252	68110	Zinc	277.0505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26253	68110	Zinc	224.1667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26259	68110	Zinc	319.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26260	68110	Zinc	312.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26267	68110	Zinc	181.1886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26298	68110	Zinc	545.7949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26341	68110	Zinc	239.3501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26365	68110	Zinc	328.9197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26367	68110	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26369	68110	Zinc	1098.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
26384	68110	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26386	68110	Zinc	188.4421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26389	68110	Zinc	136.8399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26393	68110	Zinc	323.7043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26398	68110	Zinc	150.9375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26402	68110	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26410	68110	Zinc	289.6351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26411	68110	Zinc	141.5035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26447	68110	Zinc	253.6346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26452	68110	Zinc	180.3787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26454	68110	Zinc	154.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26460	68110	Zinc	824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26462	68110	Zinc	215.3201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26465	68110	Zinc	568.4543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26502	68110	Zinc	361.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26508	68110	Zinc	344.379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26511	68110	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26527	68110	Zinc	406.6701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26533	68110	Zinc	137.1158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26540	68110	Zinc	199.0865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26544	68110	Zinc	387.5084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26546	68110	Zinc	138.522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26548	68110	Zinc	186.849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26550	68110	Zinc	309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26551	68110	Zinc	129.889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26557	68110	Zinc	493.9791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26559	68110	Zinc	207.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26563	68110	Zinc	205.7882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26568	68110	Zinc	220.2418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26572	68110	Zinc	268.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26584	68110	Zinc	280.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26608	68110	Zinc	392.5725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26622	68110	Zinc	218.1325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26623	68110	Zinc	338.4427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
26627	68110	Zinc	129.177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26639	68110	Zinc	328.8485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26697	68110	Zinc	157.1675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26701	68110	Zinc	190.7472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26703	68110	Zinc	219.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26704	68110	Zinc	255.1476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26706	68110	Zinc	209.3304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26707	68110	Zinc	161.2259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26708	68110	Zinc	157.657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26709	68110	Zinc	314.1546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26731	68110	Zinc	352.0686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26762	68110	Zinc	195.9715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26809	68110	Zinc	433.735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26823	68110	Zinc	365.9615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26835	68110	Zinc	417.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26838	68110	Zinc	322.4494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26841	68110	Zinc	272.0843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26843	68110	Zinc	229.6224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26846	68110	Zinc	206.8651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26862	68110	Zinc	491.0065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26873	68110	Zinc	198.5881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26895	68110	Zinc	274.9145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26917	68110	Zinc	231.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26919	68110	Zinc	204.649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26921	68110	Zinc	225.9378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26924	68110	Zinc	297.1022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26929	68110	Zinc	134.339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26946	68110	Zinc	190.8451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26969	68110	Zinc	259.8379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26974	68110	Zinc	338.238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26975	68110	Zinc	447.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26979	68110	Zinc	190.6671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27023	68110	Zinc	360.8885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27030	68110	Zinc	195.8469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27034	68110	Zinc	288.5048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27044	68110	Zinc	197.5735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27049	68110	Zinc	194.1203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27057	68110	Zinc	235.1671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27059	68110	Zinc	173.1074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27065	68110	Zinc	162.3562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27069	68110	Zinc	146.8079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27076	68110	Zinc	277.2641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27088	68110	Zinc	153.8923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27089	68110	Zinc	464.4489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27098	68110	Zinc	161.662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27126	68110	Zinc	276.116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27181	68110	Zinc	211.3062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27187	68110	Zinc	219.5921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27232	68110	Zinc	147.5377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27233	68110	Zinc	514.5559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27235	68110	Zinc	230.9129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27261	68110	Zinc	580.8075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27284	68110	Zinc	253.6435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27287	68110	Zinc	153.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27291	68110	Zinc	281.0288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27296	68110	Zinc	358.1384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27327	68110	Zinc	1067.949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
27332	68110	Zinc	976.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27339	68110	Zinc	244.5121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27343	68110	Zinc	397.6188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27352	68110	Zinc	292.5365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27378	68110	Zinc	421.9336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27386	68110	Zinc	153.1447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27389	68110	Zinc	401.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27400	68110	Zinc	475.6184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27406	68110	Zinc	215.3468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27407	68110	Zinc	564.4938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27417	68110	Zinc	950.647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27435	68110	Zinc	426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27436	68110	Zinc	462.6867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27501	68110	Zinc	270.3399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27527	68110	Zinc	443.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27541	68110	Zinc	223.1521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27554	68110	Zinc	612.9899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27589	68110	Zinc	634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27592	68110	Zinc	438.7101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27628	68110	Zinc	363.7543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27643	68110	Zinc	559.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27649	68110	Zinc	549.6664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27667	68110	Zinc	222.8851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27680	68110	Zinc	314.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27683	68110	Zinc	240.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27690	68110	Zinc	353.7863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27693	68110	Zinc	307.3817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27704	68110	Zinc	300	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27730	68110	Zinc	1652.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
27735	68110	Zinc	547.3791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
27749	68110	Zinc	688.1148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27753	68110	Zinc	396.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27756	68110	Zinc	458.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27771	68110	Zinc	226.7299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27781	68110	Zinc	321.4526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27796	68110	Zinc	541.1224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27815	68110	Zinc	183.8052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27816	68110	Zinc	225.208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27818	68110	Zinc	567.1905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27820	68110	Zinc	236.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27821	68110	Zinc	326.8905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27822	68110	Zinc	185.8878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27826	68110	Zinc	389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27828	68110	Zinc	524.782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27835	68110	Zinc	220.3219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27838	68110	Zinc	355.682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27839	68110	Zinc	420.3138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27840	68110	Zinc	454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27841	68110	Zinc	606.8133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27844	68110	Zinc	204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27847	68110	Zinc	148.26305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27849	68110	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27852	68110	Zinc	402.8342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27855	68110	Zinc	427.2914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27881	68110	Zinc	468.623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27884	68110	Zinc	625.7436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27889	68110	Zinc	210.4785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27907	68110	Zinc	191.299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27927	68110	Zinc	265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27928	68110	Zinc	689.9749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27955	68110	Zinc	252.6645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27956	68110	Zinc	288.7807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27958	68110	Zinc	278.9462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27959	68110	Zinc	485.2482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27961	68110	Zinc	177.1302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27963	68110	Zinc	351.3477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27964	68110	Zinc	478.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27966	68110	Zinc	573.2425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27967	68110	Zinc	464.9918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27968	68110	Zinc	570.1542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27971	68110	Zinc	115.3019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27973	68110	Zinc	491.9054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27984	68110	Zinc	491.0065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28012	68110	Zinc	212.0449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28021	68110	Zinc	306.3671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28053	68110	Zinc	134.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28061	68110	Zinc	375.0395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28068	68110	Zinc	153.1803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28070	68110	Zinc	230.4501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28071	68110	Zinc	585.6402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28073	68110	Zinc	402.1578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28074	68110	Zinc	716.8262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28075	68110	Zinc	264.3324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28077	68110	Zinc	411.4939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28080	68110	Zinc	213.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28081	68110	Zinc	392.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28086	68110	Zinc	191.9131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28092	68110	Zinc	316.967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28098	68110	Zinc	174.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28113	68110	Zinc	370.6073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28116	68110	Zinc	248.793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28120	68110	Zinc	252.2818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28152	68110	Zinc	539.7696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28155	68110	Zinc	841.6398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28158	68110	Zinc	92.3933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28163	68110	Zinc	640.215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28164	68110	Zinc	330.7086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28166	68110	Zinc	309.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28167	68110	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28175	68110	Zinc	263.211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28184	68110	Zinc	573.5184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28189	68110	Zinc	221.1763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28194	68110	Zinc	356.0113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28198	68110	Zinc	455.0505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28200	68110	Zinc	601.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28203	68110	Zinc	224.9054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28205	68110	Zinc	416.2287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28207	68110	Zinc	293.9872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28208	68110	Zinc	511.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28211	68110	Zinc	444.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28215	68110	Zinc	382.3108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28221	68110	Zinc	248.2768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28226	68110	Zinc	209.34375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28233	68110	Zinc	377.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28234	68110	Zinc	142.9809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28235	68110	Zinc	360.4791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28240	68110	Zinc	385.4525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
28242	68110	Zinc	288.1043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28243	68110	Zinc	172.9917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28244	68110	Zinc	921.277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28249	68110	Zinc	184.1434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28250	68110	Zinc	398.8826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28251	68110	Zinc	538.2833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28256	68110	Zinc	535.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28257	68110	Zinc	333.9749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28258	68110	Zinc	356.5275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28259	68110	Zinc	403.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28261	68110	Zinc	401.1432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28262	68110	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28264	68110	Zinc	260.9148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28268	68110	Zinc	404.4273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28271	68110	Zinc	210.8701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28278	68110	Zinc	206.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28298	68110	Zinc	553.6803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28309	68110	Zinc	229.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28323	68110	Zinc	748.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28334	68110	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28335	68110	Zinc	363.4606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28336	68110	Zinc	419.3437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28339	68110	Zinc	2898.145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
28340	68110	Zinc	205.361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28341	68110	Zinc	192.901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28342	68110	Zinc	294.0851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28343	68110	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28354	68110	Zinc	722.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28355	68110	Zinc	438.4609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28357	68110	Zinc	242.9546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28358	68110	Zinc	363.7009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28360	68110	Zinc	692.4402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28363	68110	Zinc	288.0776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28376	68110	Zinc	596.1422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28392	68110	Zinc	505.7894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28393	68110	Zinc	435.3815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28401	68110	Zinc	456.3855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28403	68110	Zinc	442.5727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28404	68110	Zinc	390.7925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28414	68110	Zinc	325.333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28418	68110	Zinc	342.0027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28421	68110	Zinc	375.4311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28425	68110	Zinc	381.1894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28455	68110	Zinc	429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28460	68110	Zinc	375.4489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28463	68110	Zinc	459.6073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28486	68110	Zinc	731.3421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28491	68110	Zinc	660.5159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28501	68110	Zinc	277.5578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28511	68110	Zinc	392.9374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28516	68110	Zinc	280.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28522	68110	Zinc	366.8604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28525	68110	Zinc	390.7925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28526	68110	Zinc	482.9698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28527	68110	Zinc	294.9662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28545	68110	Zinc	368.2488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28550	68110	Zinc	182.9953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28567	68110	Zinc	219.5654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28577	68110	Zinc	331.4918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28578	68110	Zinc	407.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28579	68110	Zinc	204.8804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28582	68110	Zinc	368.0797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28584	68110	Zinc	409.4469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28585	68110	Zinc	256.4381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28588	68110	Zinc	287.241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28591	68110	Zinc	225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28593	68110	Zinc	437.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28595	68110	Zinc	315.8011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28624	68110	Zinc	624.8803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28647	68110	Zinc	337.259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28654	68110	Zinc	342.1807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28658	68110	Zinc	681.8937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28662	68110	Zinc	278.3143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28666	68110	Zinc	496.0617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28667	68110	Zinc	806.3246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
28670	68110	Zinc	361.7963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28672	68110	Zinc	444.3616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28673	68110	Zinc	172.7247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28681	68110	Zinc	893.1263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28686	68110	Zinc	692.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28687	68110	Zinc	518.5253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28689	68110	Zinc	223.9353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28698	68110	Zinc	274.8166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28699	68110	Zinc	384.4646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28702	68110	Zinc	252.7624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28704	68110	Zinc	220.9894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28707	68110	Zinc	417.003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
28708	68110	Zinc	454.7034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28710	68110	Zinc	867.0938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28711	68110	Zinc	435.0789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28715	68110	Zinc	448.6514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28717	68110	Zinc	444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28719	68110	Zinc	389.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28726	68110	Zinc	392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28742	68110	Zinc	445.394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28756	68110	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28761	68110	Zinc	306.8477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28765	68110	Zinc	288.2378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28769	68110	Zinc	107.5767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28774	68110	Zinc	543.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28795	68110	Zinc	401.8641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28797	68110	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28801	68110	Zinc	590.7755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28802	68110	Zinc	461.3695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28807	68110	Zinc	363.5941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28808	68110	Zinc	507.7118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28813	68110	Zinc	692.636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28817	68110	Zinc	250.7599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28820	68110	Zinc	1945.667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
28823	68110	Zinc	650.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28824	68110	Zinc	1182.047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
28827	68110	Zinc	682.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28839	68110	Zinc	358.6368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28848	68110	Zinc	414.7958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28857	68110	Zinc	396.0257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28859	68110	Zinc	422.6545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28860	68110	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28862	68110	Zinc	199.5582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28863	68110	Zinc	314.9645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28867	68110	Zinc	368.9252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28891	68110	Zinc	349.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28902	68110	Zinc	697.798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28903	68110	Zinc	235.3006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28905	68110	Zinc	220.9716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28910	68110	Zinc	427.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28912	68110	Zinc	262.8995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28916	68110	Zinc	345.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28919	68110	Zinc	988.383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
28923	68110	Zinc	363.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28924	68110	Zinc	285.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28929	68110	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28938	68110	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28944	68110	Zinc	345.8297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28948	68110	Zinc	334.8649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28953	68110	Zinc	401.5081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28974	68110	Zinc	511.5299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28977	68110	Zinc	348.7489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28986	68110	Zinc	746.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28995	68110	Zinc	260.2028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28999	68110	Zinc	160	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29000	68110	Zinc	190.0797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29005	68110	Zinc	457.8629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29011	68110	Zinc	682.1073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29014	68110	Zinc	214.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29018	68110	Zinc	378.6529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29020	68110	Zinc	302.1841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29024	68110	Zinc	418.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29026	68110	Zinc	633.3976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29027	68110	Zinc	285.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29029	68110	Zinc	566.5675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29042	68110	Zinc	604.3124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29044	68110	Zinc	492.4127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29055	68110	Zinc	267.7856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29058	68110	Zinc	374.4966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29059	68110	Zinc	404.4184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29063	68110	Zinc	375.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29084	68110	Zinc	407.9428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29087	68110	Zinc	378.2524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29091	68110	Zinc	628.823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29092	68110	Zinc	604.1967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29093	68110	Zinc	313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29095	68110	Zinc	384.6782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29096	68110	Zinc	625.6012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29104	68110	Zinc	443.7564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29107	68110	Zinc	224.4337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29110	68110	Zinc	401.4636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29113	68110	Zinc	382.6134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29117	68110	Zinc	403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29120	68110	Zinc	292.9192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29121	68110	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29124	68110	Zinc	298.099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29135	68110	Zinc	475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29151	68110	Zinc	243.5064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29154	68110	Zinc	230.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
29156	68110	Zinc	254.1597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29159	68110	Zinc	267.9191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29164	68110	Zinc	309.3397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29194	68110	Zinc	516.6385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29197	68110	Zinc	1002.267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
29199	68110	Zinc	548.0288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29202	68110	Zinc	540.7308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29207	68110	Zinc	283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29212	68110	Zinc	354.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29215	68110	Zinc	192.3492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29218	68110	Zinc	302.8872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29226	68110	Zinc	272.4848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29230	68110	Zinc	374.1139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29231	68110	Zinc	595.5637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29233	68110	Zinc	467.8131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29236	68110	Zinc	289.1812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29238	68110	Zinc	352.2021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29249	68110	Zinc	171.0693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29257	68110	Zinc	896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29267	68110	Zinc	497.5302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29269	68110	Zinc	330.6285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29271	68110	Zinc	196.3364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29273	68110	Zinc	641.7102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29275	68110	Zinc	286.7871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29277	68110	Zinc	346.6307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29282	68110	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29283	68110	Zinc	495.1361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29284	68110	Zinc	605.7809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29287	68110	Zinc	762.3052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29288	68110	Zinc	1139.327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29289	68110	Zinc	428.4484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29290	68110	Zinc	682.5345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29292	68110	Zinc	875.0326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29295	68110	Zinc	489.3511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29298	68110	Zinc	259.3751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29312	68110	Zinc	945.663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29315	68110	Zinc	264.7418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29319	68110	Zinc	193.2659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29323	68110	Zinc	773.6883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29324	68110	Zinc	312.9175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29329	68110	Zinc	538.5592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29332	68110	Zinc	295.3489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29338	68110	Zinc	279.6404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29345	68110	Zinc	628.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29346	68110	Zinc	444.1747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29350	68110	Zinc	399.2475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29353	68110	Zinc	155.4943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29360	68110	Zinc	405.1927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29361	68110	Zinc	294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29363	68110	Zinc	517.1636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29365	68110	Zinc	230.3789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29367	68110	Zinc	248.6773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29371	68110	Zinc	589.6986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29374	68110	Zinc	371.4261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29376	68110	Zinc	670.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29382	68110	Zinc	654.2236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29387	68110	Zinc	390.8726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29389	68110	Zinc	341.0326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29393	68110	Zinc	371.3371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29412	68110	Zinc	386.0043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29421	68110	Zinc	596.6228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29423	68110	Zinc	519.9404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29424	68110	Zinc	295.3934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29435	68110	Zinc	603.4402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29437	68110	Zinc	340.9347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29447	68110	Zinc	238.0774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29452	68110	Zinc	413.1404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29453	68110	Zinc	224.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29458	68110	Zinc	378.4126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29478	68110	Zinc	408.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29482	68110	Zinc	236.0571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29485	68110	Zinc	733.9943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29493	68110	Zinc	425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29494	68110	Zinc	247.8229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29500	68110	Zinc	249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29503	68110	Zinc	376.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29505	68110	Zinc	530	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29506	68110	Zinc	223.1699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29510	68110	Zinc	207.9242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29513	68110	Zinc	337.3213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29515	68110	Zinc	359.954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29524	68110	Zinc	183.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29530	68110	Zinc	231.9898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29533	68110	Zinc	300.4753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29542	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29545	68110	Zinc	672.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29549	68110	Zinc	224.9321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
29550	68110	Zinc	702.3103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29554	68110	Zinc	174.7005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29587	68110	Zinc	305.931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29590	68110	Zinc	230.3789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29591	68110	Zinc	379.3649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29593	68110	Zinc	719.8611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29609	68110	Zinc	642.5646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29610	68110	Zinc	170.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29634	68110	Zinc	341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29637	68110	Zinc	388.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29640	68110	Zinc	358.5478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29645	68110	Zinc	282.9601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29647	68110	Zinc	431.0472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29651	68110	Zinc	443.0533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29653	68110	Zinc	586.2365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29657	68110	Zinc	198.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29663	68110	Zinc	1038.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
29665	68110	Zinc	664.7078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29674	68110	Zinc	412.642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29679	68110	Zinc	295.7138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29685	68110	Zinc	205.6992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29686	68110	Zinc	279.8095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29687	68110	Zinc	348.5086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29692	68110	Zinc	551.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29693	68110	Zinc	180.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29696	68110	Zinc	482.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29698	68110	Zinc	239.4035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29701	68110	Zinc	350.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29708	68110	Zinc	545.2431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29723	68110	Zinc	352.8429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29726	68110	Zinc	664.0225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29728	68110	Zinc	700.6638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29730	68110	Zinc	216.7886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29732	68110	Zinc	375.1997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29734	68110	Zinc	275.6621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29738	68110	Zinc	162.9614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29740	68110	Zinc	214.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29742	68110	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29744	68110	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29745	68110	Zinc	335.3722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29746	68110	Zinc	682.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29750	68110	Zinc	565.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29752	68110	Zinc	1104.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29753	68110	Zinc	3244.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
29754	68110	Zinc	243.6399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29756	68110	Zinc	237.5256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29757	68110	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29758	68110	Zinc	204.738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29759	68110	Zinc	114.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29762	68110	Zinc	482.9787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29766	68110	Zinc	609.777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29773	68110	Zinc	278.3677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29774	68110	Zinc	156.8115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29776	68110	Zinc	427.9411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29782	68110	Zinc	150.7951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29786	68110	Zinc	471.6045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29795	68110	Zinc	324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29812	68110	Zinc	243.8624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29813	68110	Zinc	808.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29822	68110	Zinc	485.5597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29834	68110	Zinc	236.6623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29836	68110	Zinc	1080.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29844	68110	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29850	68110	Zinc	290.2225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29853	68110	Zinc	109.5703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29856	68110	Zinc	115.382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29858	68110	Zinc	134.7306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29862	68110	Zinc	133.271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29866	68110	Zinc	646.7921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29869	68110	Zinc	127.8598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29870	68110	Zinc	245.2508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29872	68110	Zinc	274.1669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29873	68110	Zinc	127.041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29874	68110	Zinc	288.0687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29875	68110	Zinc	157.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29877	68110	Zinc	368.7294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29878	68110	Zinc	909.529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29879	68110	Zinc	251.374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29880	68110	Zinc	441.0775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29882	68110	Zinc	321.7641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29883	68110	Zinc	507.0977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29884	68110	Zinc	394.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29885	68110	Zinc	428.0034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29886	68110	Zinc	539.5649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29887	68110	Zinc	293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29892	68110	Zinc	369.0943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29906	68110	Zinc	238.558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
29908	68110	Zinc	239.0564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29909	68110	Zinc	233.3604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29911	68110	Zinc	439.9383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29913	68110	Zinc	368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29914	68110	Zinc	289.6351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29916	68110	Zinc	176.2847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29920	68110	Zinc	203.5721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29921	68110	Zinc	256.7051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29925	68110	Zinc	231.4914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29931	68110	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29934	68110	Zinc	1105.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29936	68110	Zinc	172.9116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29939	68110	Zinc	196.3631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29941	68110	Zinc	681.7691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29942	68110	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29943	68110	Zinc	578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29947	68110	Zinc	426.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29952	68110	Zinc	390.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29989	68110	Zinc	1013.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
30009	68110	Zinc	409.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30011	68110	Zinc	125.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30013	68110	Zinc	392.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30015	68110	Zinc	193.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30017	68110	Zinc	170	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30020	68110	Zinc	252.9137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30022	68110	Zinc	354.0978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30023	68110	Zinc	1334.237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
30025	68110	Zinc	198.9708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30026	68110	Zinc	151.3024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30028	68110	Zinc	191.5749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30030	68110	Zinc	211.146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30031	68110	Zinc	180.0583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30033	68110	Zinc	181.2064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30035	68110	Zinc	387.9178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30038	68110	Zinc	87.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30043	68110	Zinc	359.3755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30046	68110	Zinc	530.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30053	68110	Zinc	169.3338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30056	68110	Zinc	219.8413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30057	68110	Zinc	293.382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30059	68110	Zinc	201.7476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30061	68110	Zinc	287.0096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30064	68110	Zinc	437.4997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30108	68110	Zinc	132.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30113	68110	Zinc	200.9555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30118	68110	Zinc	273.2057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30127	68110	Zinc	153.9368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30134	68110	Zinc	151.338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30138	68110	Zinc	182.4613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30142	68110	Zinc	171.096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30149	68110	Zinc	99.807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30151	68110	Zinc	358.1028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30152	68110	Zinc	926.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30172	68110	Zinc	469.9046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30181	68110	Zinc	370.7408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30186	68110	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30189	68110	Zinc	257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30193	68110	Zinc	408.4145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30210	68110	Zinc	473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30247	68110	Zinc	710.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30250	68110	Zinc	256.892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30266	68110	Zinc	643.8907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30271	68110	Zinc	216.0855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30277	68110	Zinc	631.2705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30279	68110	Zinc	188.2018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30281	68110	Zinc	82.541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30284	68110	Zinc	180.0672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30287	68110	Zinc	47.6975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
30291	68110	Zinc	377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30305	68110	Zinc	1504.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
30323	68110	Zinc	449.7817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30331	68110	Zinc	243.4085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30336	68110	Zinc	295.3845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30342	68110	Zinc	135.4426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30344	68110	Zinc	191.9754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30348	68110	Zinc	210.5319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30351	68110	Zinc	104.4528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30356	68110	Zinc	645.0388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30357	68110	Zinc	325.3953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30359	68110	Zinc	554.8195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30370	68110	Zinc	166.7083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30372	68110	Zinc	144.485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30376	68110	Zinc	437.4196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30389	68110	Zinc	185.3538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30394	68110	Zinc	522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30397	68110	Zinc	520.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30403	68110	Zinc	248.1433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
30405	68110	Zinc	731.2709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30407	68110	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30409	68110	Zinc	396.9869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30410	68110	Zinc	215.3379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30414	68110	Zinc	624.9782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30422	68110	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30436	68110	Zinc	363.2826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30438	68110	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30443	68110	Zinc	465.9708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30446	68110	Zinc	379.0712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30459	68110	Zinc	321.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30469	68110	Zinc	277.4866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30470	68110	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30472	68110	Zinc	261.7336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30478	68110	Zinc	221.1496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30481	68110	Zinc	105.9747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30487	68110	Zinc	338.1757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30492	68110	Zinc	404.0713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30493	68110	Zinc	437.4641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30495	68110	Zinc	274.6742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30500	68110	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30510	68110	Zinc	193.079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30516	68110	Zinc	562.4824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30519	68110	Zinc	998.173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
30524	68110	Zinc	360.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30527	68110	Zinc	385.408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30541	68110	Zinc	423.4644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30542	68110	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30543	68110	Zinc	916.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30546	68110	Zinc	490.8196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30551	68110	Zinc	354.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30553	68110	Zinc	295.4468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30556	68110	Zinc	286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30565	68110	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30566	68110	Zinc	465.3834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30568	68110	Zinc	441.0864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30575	68110	Zinc	468.356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30579	68110	Zinc	324.1671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30582	68110	Zinc	424.8261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30590	68110	Zinc	112.2403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30593	68110	Zinc	272.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30594	68110	Zinc	490.9264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30598	68110	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30604	68110	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30607	68110	Zinc	365.7835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30611	68110	Zinc	373.9893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30615	68110	Zinc	286.618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30631	68110	Zinc	332.3106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30632	68110	Zinc	592.5021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30633	68110	Zinc	343.4356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30636	68110	Zinc	321.7018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30637	68110	Zinc	273.4994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30651	68110	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30655	68110	Zinc	363.7187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30657	68110	Zinc	188.629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30665	68110	Zinc	321.2479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30668	68110	Zinc	380.9758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30680	68110	Zinc	251.3206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30681	68110	Zinc	194.4407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30682	68110	Zinc	427.149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30688	68110	Zinc	246.5858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30689	68110	Zinc	420.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30698	68110	Zinc	269.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30705	68110	Zinc	584.8036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30710	68110	Zinc	353.0387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30715	68110	Zinc	245.0283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30719	68110	Zinc	333.3875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30720	68110	Zinc	213.7982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30727	68110	Zinc	569.2998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30730	68110	Zinc	245.0461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30734	68110	Zinc	318.1596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30736	68110	Zinc	205.7526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30738	68110	Zinc	669.1934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30739	68110	Zinc	275.7956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30740	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30741	68110	Zinc	186.5019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30748	68110	Zinc	104.5952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30771	68110	Zinc	565.2236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30774	68110	Zinc	357.9426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30778	68110	Zinc	432.8539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30784	68110	Zinc	319.4679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30786	68110	Zinc	300.6177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30788	68110	Zinc	333.7346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30789	68110	Zinc	1029.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
30797	68110	Zinc	482.9431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30803	68110	Zinc	252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30811	68110	Zinc	276.6322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
30815	68110	Zinc	436.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30827	68110	Zinc	340.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30840	68110	Zinc	425.9208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30842	68110	Zinc	513.301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30845	68110	Zinc	239.6527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30851	68110	Zinc	120.0812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30852	68110	Zinc	132.8438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30853	68110	Zinc	352.567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30854	68110	Zinc	77.3345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
30865	68110	Zinc	430.2284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30867	68110	Zinc	110.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30869	68110	Zinc	314.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30870	68110	Zinc	535.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30872	68110	Zinc	280.5927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30875	68110	Zinc	337.2946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30878	68110	Zinc	283.2449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30883	68110	Zinc	661.931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30890	68110	Zinc	528.2174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30892	68110	Zinc	151.1244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30896	68110	Zinc	466.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30900	68110	Zinc	306.554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30938	68110	Zinc	2115.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
30940	68110	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30944	68110	Zinc	275.9825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30950	68110	Zinc	87.8365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30954	68110	Zinc	417.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30961	68110	Zinc	260.5677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30963	68110	Zinc	170.651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30980	68110	Zinc	240	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30982	68110	Zinc	451.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30986	68110	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30987	68110	Zinc	921.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30992	68110	Zinc	338.7809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30994	68110	Zinc	283.414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30998	68110	Zinc	184.179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31002	68110	Zinc	321.7196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31021	68110	Zinc	303.7772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31025	68110	Zinc	216.2724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31028	68110	Zinc	377.398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31033	68110	Zinc	289.4482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31038	68110	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31039	68110	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31043	68110	Zinc	257.0967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31048	68110	Zinc	274.6653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31068	68110	Zinc	413.6477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31084	68110	Zinc	298.7042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31085	68110	Zinc	94.7251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31094	68110	Zinc	376.2054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31097	68110	Zinc	348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31098	68110	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31105	68110	Zinc	145.7488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31111	68110	Zinc	258.3338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31150	68110	Zinc	252.6378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31153	68110	Zinc	268.5154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31155	68110	Zinc	357.2395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31158	68110	Zinc	342.9016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31160	68110	Zinc	487.5533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31165	68110	Zinc	306.7676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31166	68110	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31170	68110	Zinc	247.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31174	68110	Zinc	154.1949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31177	68110	Zinc	418.3914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31187	68110	Zinc	412.9535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31195	68110	Zinc	126.2489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31197	68110	Zinc	98.9704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31201	68110	Zinc	181.6514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31204	68110	Zinc	145.8556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31216	68110	Zinc	330.1835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31223	68110	Zinc	480.6202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31224	68110	Zinc	132.0873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31228	68110	Zinc	284.5176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31231	68110	Zinc	418.0977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31235	68110	Zinc	322.2803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31250	68110	Zinc	402.6651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31260	68110	Zinc	209.722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31263	68110	Zinc	750.397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31278	68110	Zinc	487.3041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31289	68110	Zinc	220.4198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31290	68110	Zinc	330.2102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31293	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31314	68110	Zinc	91.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31326	68110	Zinc	159.0988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31327	68110	Zinc	191.566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31329	68110	Zinc	277.2374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31332	68110	Zinc	321.417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31335	68110	Zinc	415.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31343	68110	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
31347	68110	Zinc	700.3701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31350	68110	Zinc	269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31354	68110	Zinc	420.9724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31359	68110	Zinc	390.5611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31369	68110	Zinc	397.7523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31394	68110	Zinc	440.3477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31399	68110	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31401	68110	Zinc	569.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31410	68110	Zinc	233.2091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31422	68110	Zinc	332.3818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31448	68110	Zinc	511.2718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31459	68110	Zinc	447.174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31462	68110	Zinc	185.9857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31466	68110	Zinc	184.535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31486	68110	Zinc	175.7329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31493	68110	Zinc	304.0798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31496	68110	Zinc	197.4934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31504	68110	Zinc	181.7048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31536	68110	Zinc	285.906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31537	68110	Zinc	195.037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31539	68110	Zinc	168.871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31543	68110	Zinc	214.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31552	68110	Zinc	160.6207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31568	68110	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31594	68110	Zinc	262.6236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31596	68110	Zinc	292.7412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31605	68110	Zinc	476.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31614	68110	Zinc	553.084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31623	68110	Zinc	272.4047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31630	68110	Zinc	384.251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31632	68110	Zinc	521.4445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31633	68110	Zinc	362.1256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31639	68110	Zinc	548.0733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31645	68110	Zinc	298.7576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31648	68110	Zinc	181.5268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31652	68110	Zinc	235.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31665	68110	Zinc	180.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31675	68110	Zinc	176.525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31690	68110	Zinc	404.543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31709	68110	Zinc	258.2092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31720	68110	Zinc	373.6155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31738	68110	Zinc	518.9881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31743	68110	Zinc	339.6353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31749	68110	Zinc	793.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
31753	68110	Zinc	1437.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
31757	68110	Zinc	1057.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
31760	68110	Zinc	124.549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31767	68110	Zinc	554.8106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31781	68110	Zinc	214.7416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31807	68110	Zinc	500.0756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31814	68110	Zinc	215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31818	68110	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31820	68110	Zinc	245.678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31830	68110	Zinc	349.2295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31832	68110	Zinc	710.3203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31842	68110	Zinc	197.4489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31867	68110	Zinc	600.2362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31893	68110	Zinc	509.7321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31898	68110	Zinc	347.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31912	68110	Zinc	271.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31920	68110	Zinc	190.9163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31931	68110	Zinc	677.1233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31942	68110	Zinc	234.998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31951	68110	Zinc	587.5715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31953	68110	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31956	68110	Zinc	378.8487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31957	68110	Zinc	344.7083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31959	68110	Zinc	518.3028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31962	68110	Zinc	322.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31966	68110	Zinc	402.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31982	68110	Zinc	480.2197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31990	68110	Zinc	212.8904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32019	68110	Zinc	577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32029	68110	Zinc	302.7982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32039	68110	Zinc	251.8012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32043	68110	Zinc	246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32044	68110	Zinc	458.0142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32056	68110	Zinc	385.8085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32060	68110	Zinc	268.7201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32063	68110	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32068	68110	Zinc	234.0635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32069	68110	Zinc	481.0652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32078	68110	Zinc	367.786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32080	68110	Zinc	370.4293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32086	68110	Zinc	224.2646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32088	68110	Zinc	251.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32122	68110	Zinc	673.5544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
				ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32127	68110	Zinc	437.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32130	68110	Zinc	296.4703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32141	68110	Zinc	258.4584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32165	68110	Zinc	240.6673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32173	68110	Zinc	1298.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
32211	68110	Zinc	451.3748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32214	68110	Zinc	228.4387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32216	68110	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32220	68110	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32223	68110	Zinc	506.3323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32229	68110	Zinc	331.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32238	68110	Zinc	266.4061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32242	68110	Zinc	574.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32245	68110	Zinc	628.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32247	68110	Zinc	370.812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32254	68110	Zinc	194.4407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32258	68110	Zinc	1092.335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
32271	68110	Zinc	343.2932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32290	68110	Zinc	474.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32292	68110	Zinc	1012.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
32295	68110	Zinc	1080.053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
32299	68110	Zinc	158.8763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32312	68110	Zinc	338.1579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32329	68110	Zinc	314.5462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32343	68110	Zinc	126.4091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32354	68110	Zinc	281.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32356	68110	Zinc	223.7484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32357	68110	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32363	68110	Zinc	194.7789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32373	68110	Zinc	518.2405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32392	68110	Zinc	579.2055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32394	68110	Zinc	450.6717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32401	68110	Zinc	349.5321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32402	68110	Zinc	246.3811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32404	68110	Zinc	292.9637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32422	68110	Zinc	378.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32448	68110	Zinc	892.9216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32468	68110	Zinc	306.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32469	68110	Zinc	938.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32471	68110	Zinc	387.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32484	68110	Zinc	333.5833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32493	68110	Zinc	376.152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32495	68110	Zinc	822.8964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32500	68110	Zinc	264.9821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32508	68110	Zinc	311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32516	68110	Zinc	658.994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32520	68110	Zinc	302.4333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32525	68110	Zinc	356.1359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32526	68110	Zinc	373.1794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32529	68110	Zinc	334.2864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32536	68110	Zinc	643.0096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32540	68110	Zinc	669.4782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32564	68110	Zinc	713.7201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32570	68110	Zinc	413.265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32584	68110	Zinc	228.2696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32588	68110	Zinc	285.0605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32601	68110	Zinc	540.5973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32610	68110	Zinc	270.3043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32621	68110	Zinc	426.8375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32627	68110	Zinc	485.8445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32628	68110	Zinc	289.8843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32635	68110	Zinc	273.7397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32637	68110	Zinc	505.2554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32641	68110	Zinc	314.0211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32645	68110	Zinc	381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32650	68110	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32657	68110	Zinc	222.1464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32660	68110	Zinc	161.6709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32666	68110	Zinc	492.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32683	68110	Zinc	1109.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
32700	68110	Zinc	1557.627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
32707	68110	Zinc	879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32712	68110	Zinc	315.5519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32716	68110	Zinc	273.2858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32719	68110	Zinc	233.1112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32721	68110	Zinc	309.2952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32723	68110	Zinc	185.1847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32727	68110	Zinc	256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32728	68110	Zinc	387.0634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32729	68110	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32732	68110	Zinc	977.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32733	68110	Zinc	434.6962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32734	68110	Zinc	400	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32744	68110	Zinc	548.8476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32752	68110	Zinc	246.5057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32769	68110	Zinc	562.1264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32786	68110	Zinc	226.7566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32788	68110	Zinc	290.9256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32801	68110	Zinc	206.7583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32822	68110	Zinc	426.6684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32826	68110	Zinc	392.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32828	68110	Zinc	330.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32839	68110	Zinc	910.419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32849	68110	Zinc	504.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32850	68110	Zinc	465.9174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32867	68110	Zinc	613.4883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32869	68110	Zinc	409.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32872	68110	Zinc	509.5897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32875	68110	Zinc	338.1045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32883	68110	Zinc	546.0352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32887	68110	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32895	68110	Zinc	190.8629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32899	68110	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32903	68110	Zinc	624.7201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32908	68110	Zinc	348.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32915	68110	Zinc	614.0223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32919	68110	Zinc	671.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32920	68110	Zinc	295.0819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32927	68110	Zinc	444.3705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32937	68110	Zinc	307.7644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32939	68110	Zinc	756.004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32945	68110	Zinc	260.8258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32947	68110	Zinc	790.358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
32950	68110	Zinc	370.0644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32951	68110	Zinc	297.9388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32952	68110	Zinc	857.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32954	68110	Zinc	219.6455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32955	68110	Zinc	395.7498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32959	68110	Zinc	238.8161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32961	68110	Zinc	649.6757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32962	68110	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32981	68110	Zinc	661.8865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32986	68110	Zinc	443.3826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32995	68110	Zinc	550.4407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32996	68110	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33020	68110	Zinc	201.3649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33029	68110	Zinc	681.6267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33038	68110	Zinc	343.4623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33057	68110	Zinc	229.1774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33078	68110	Zinc	285.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33083	68110	Zinc	811.3442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33084	68110	Zinc	371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33119	68110	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33122	68110	Zinc	319.9574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33127	68110	Zinc	380.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33128	68110	Zinc	383.5212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33136	68110	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33147	68110	Zinc	263.4157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33161	68110	Zinc	319.7705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33174	68110	Zinc	366.2819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33176	68110	Zinc	351.677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33183	68110	Zinc	531.8486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33209	68110	Zinc	245.5178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33215	68110	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33219	68110	Zinc	285.2474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33229	68110	Zinc	667.3155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33234	68110	Zinc	797.9586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33254	68110	Zinc	214.4657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33257	68110	Zinc	269.1295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33267	68110	Zinc	252.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33269	68110	Zinc	511.3786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33273	68110	Zinc	267.6165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33276	68110	Zinc	156.9806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33280	68110	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33282	68110	Zinc	508.8955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33287	68110	Zinc	235.1226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33289	68110	Zinc	418.8275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33290	68110	Zinc	223.2144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33294	68110	Zinc	580.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33295	68110	Zinc	214.8128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33297	68110	Zinc	259.1704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33298	68110	Zinc	183.3068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33304	68110	Zinc	196.7191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33318	68110	Zinc	229.7915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33323	68110	Zinc	336.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33326	68110	Zinc	457.9163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33330	68110	Zinc	348.2683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33353	68110	Zinc	220.7046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33364	68110	Zinc	252.3619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33370	68110	Zinc	560.7024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33396	68110	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33403	68110	Zinc	193.7198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33404	68110	Zinc	320.1176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33413	68110	Zinc	386.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
33417	68110	Zinc	459.6429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33418	68110	Zinc	334.2508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33421	68110	Zinc	407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33422	68110	Zinc	564.6362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33423	68110	Zinc	380.7177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33427	68110	Zinc	385.2923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33434	68110	Zinc	204.3909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33435	68110	Zinc	359.2064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33443	68110	Zinc	363.8522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33444	68110	Zinc	235.0692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33445	68110	Zinc	891.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33446	68110	Zinc	476.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33448	68110	Zinc	349.0426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33452	68110	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33455	68110	Zinc	593.6502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33457	68110	Zinc	315.0624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33459	68110	Zinc	259.7044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33468	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33472	68110	Zinc	223.4547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33476	68110	Zinc	664.8413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33477	68110	Zinc	435.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33481	68110	Zinc	469.8245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33483	68110	Zinc	377.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33486	68110	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33491	68110	Zinc	317.4031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33498	68110	Zinc	1574.359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
33502	68110	Zinc	954.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33507	68110	Zinc	349.5677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33508	68110	Zinc	250.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33510	68110	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33512	68110	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33513	68110	Zinc	447.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33516	68110	Zinc	441.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33518	68110	Zinc	343.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33519	68110	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33529	68110	Zinc	493.1247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33539	68110	Zinc	262.4723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33540	68110	Zinc	378.644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33543	68110	Zinc	282.2659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33547	68110	Zinc	243.5776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33548	68110	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33555	68110	Zinc	453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33557	68110	Zinc	374.194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33560	68110	Zinc	294.0584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33576	68110	Zinc	340.2316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33582	68110	Zinc	290.7654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33585	68110	Zinc	397.2183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33586	68110	Zinc	333.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33592	68110	Zinc	879.5538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33594	68110	Zinc	392.0118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33595	68110	Zinc	591.1226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33596	68110	Zinc	324.8702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33602	68110	Zinc	614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33606	68110	Zinc	222.2977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33613	68110	Zinc	507.1066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33616	68110	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33626	68110	Zinc	220.5177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33629	68110	Zinc	307.9246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33635	68110	Zinc	228.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33638	68110	Zinc	176.2402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33642	68110	Zinc	470.0114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33643	68110	Zinc	571.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33646	68110	Zinc	526.9269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33649	68110	Zinc	209.3838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33659	68110	Zinc	250.6264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33660	68110	Zinc	225.8132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33663	68110	Zinc	251.0358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33687	68110	Zinc	110.2111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33692	68110	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33693	68110	Zinc	503.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33697	68110	Zinc	325.4398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33706	68110	Zinc	314.8132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33714	68110	Zinc	526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33725	68110	Zinc	321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33731	68110	Zinc	131.8203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33735	68110	Zinc	243.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33739	68110	Zinc	284.0904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33747	68110	Zinc	1330.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
33765	68110	Zinc	354.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33770	68110	Zinc	464.8761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33771	68110	Zinc	415.9706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33776	68110	Zinc	513.5947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33778	68110	Zinc	330.9756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33779	68110	Zinc	358.0583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33791	68110	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33793	68110	Zinc	415.4366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33801	68110	Zinc	415.1073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max					RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
33808	68110	Zinc	405.789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33811	68110	Zinc	388.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33814	68110	Zinc	767.5473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33816	68110	Zinc	571.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33820	68110	Zinc	413.0603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33824	68110	Zinc	290.1958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33828	68110	Zinc	520.9016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33829	68110	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33834	68110	Zinc	266.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33836	68110	Zinc	549.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33840	68110	Zinc	290.3649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33846	68110	Zinc	276.4631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33847	68110	Zinc	668.8107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33849	68110	Zinc	336.814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33852	68110	Zinc	196.2296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33853	68110	Zinc	1796.948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
33857	68110	Zinc	354.1512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33860	68110	Zinc	274.6119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33862	68110	Zinc	456.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33864	68110	Zinc	418.3113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33866	68110	Zinc	469.5931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33872	68110	Zinc	369.7974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33874	68110	Zinc	525.8055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33876	68110	Zinc	173.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33877	68110	Zinc	218.5152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33879	68110	Zinc	638.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33880	68110	Zinc	195.7045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33881	68110	Zinc	460.4884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33883	68110	Zinc	366.4955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33884	68110	Zinc	560.5689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33887	68110	Zinc	618.588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33892	68110	Zinc	424.6926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33897	68110	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33898	68110	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33902	68110	Zinc	188.5667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33905	68110	Zinc	235.7189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33907	68110	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33909	68110	Zinc	162.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33912	68110	Zinc	473.4646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33914	68110	Zinc	272.2712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33916	68110	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33917	68110	Zinc	329.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33918	68110	Zinc	638.4083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33920	68110	Zinc	501.1436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33921	68110	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33927	68110	Zinc	163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33929	68110	Zinc	491.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33934	68110	Zinc	345.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33936	68110	Zinc	274.8344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33940	68110	Zinc	666.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33958	68110	Zinc	238.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33961	68110	Zinc	433.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33962	68110	Zinc	595.3323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33963	68110	Zinc	305.0677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33965	68110	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33973	68110	Zinc	495.0916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33975	68110	Zinc	488.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33990	68110	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33991	68110	Zinc	218.0791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33994	68110	Zinc	406.8748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34000	68110	Zinc	480.7893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34002	68110	Zinc	390.214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34007	68110	Zinc	355.8867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34009	68110	Zinc	341.2017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34022	68110	Zinc	914.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34023	68110	Zinc	626.7671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34024	68110	Zinc	513.7816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34029	68110	Zinc	297.921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34030	68110	Zinc	468.7921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34033	68110	Zinc	213.3888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34035	68110	Zinc	587.5537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34038	68110	Zinc	984.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34039	68110	Zinc	319.8061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34046	68110	Zinc	289.466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34047	68110	Zinc	272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34050	68110	Zinc	346.7375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34054	68110	Zinc	398.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34055	68110	Zinc	278.4567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34081	68110	Zinc	201.0445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34098	68110	Zinc	725.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34100	68110	Zinc	396.1681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34102	68110	Zinc	488.1318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34104	68110	Zinc	302.4778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34108	68110	Zinc	329.3202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34109	68110	Zinc	562.6159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34110	68110	Zinc	499.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34114	68110	Zinc	305.6106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34116	68110	Zinc	890.8301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34121	68110	Zinc	480.8605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34123	68110	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34133	68110	Zinc	406.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34152	68110	Zinc	372.5564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34168	68110	Zinc	393.1599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34188	68110	Zinc	259.918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34195	68110	Zinc	270.6514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34205	68110	Zinc	495.2696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34218	68110	Zinc	777.3373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
34227	68110	Zinc	658.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34230	68110	Zinc	600.7079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34232	68110	Zinc	519.8603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34235	68110	Zinc	338.3804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34237	68110	Zinc	311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34242	68110	Zinc	453.4396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34260	68110	Zinc	152.0589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34261	68110	Zinc	215.685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34262	68110	Zinc	431.0027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34265	68110	Zinc	479.6679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34266	68110	Zinc	160.0333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34267	68110	Zinc	339.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34269	68110	Zinc	562.3934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34270	68110	Zinc	397.5565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34271	68110	Zinc	205.5212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34272	68110	Zinc	490.3568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34273	68110	Zinc	355.5752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34274	68110	Zinc	401.7217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34275	68110	Zinc	587.8118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34276	68110	Zinc	366.2997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34277	68110	Zinc	300.2973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34278	68110	Zinc	355.6464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34279	68110	Zinc	323.108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34281	68110	Zinc	479.9883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34283	68110	Zinc	480.0061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34284	68110	Zinc	316.166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34285	68110	Zinc	476.9979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34286	68110	Zinc	475.9655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34287	68110	Zinc	105.7344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34288	68110	Zinc	543.5521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34289	68110	Zinc	424.7015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34524	68110	Zinc	650.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34526	68110	Zinc	665.0549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34546	68110	Zinc	293.916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34590	68110	Zinc	283.9747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34592	68110	Zinc	156.0194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34601	68110	Zinc	277.3887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34608	68110	Zinc	414.0482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34611	68110	Zinc	173.0629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34613	68110	Zinc	594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34619	68110	Zinc	406.4743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34620	68110	Zinc	492.208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34625	68110	Zinc	369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34631	68110	Zinc	268.2662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34636	68110	Zinc	245.9094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34638	68110	Zinc	656.3774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34640	68110	Zinc	488.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34642	68110	Zinc	264.4036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34646	68110	Zinc	226.0624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34650	68110	Zinc	183.3602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34658	68110	Zinc	488.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34660	68110	Zinc	358.174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34662	68110	Zinc	427.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34666	68110	Zinc	185.4339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34673	68110	Zinc	903.7351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34674	68110	Zinc	345.1711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34677	68110	Zinc	177.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34678	68110	Zinc	203.3674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34680	68110	Zinc	519.3797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34683	68110	Zinc	616.2028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34696	68110	Zinc	615.5976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34697	68110	Zinc	280.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34702	68110	Zinc	114.8836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34708	68110	Zinc	188.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34710	68110	Zinc	133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34712	68110	Zinc	358.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34715	68110	Zinc	652.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34719	68110	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34726	68110	Zinc	214.1453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34731	68110	Zinc	412.2326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34733	68110	Zinc	381.0203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34738	68110	Zinc	147.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34742	68110	Zinc	456.1185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34763	68110	Zinc	325.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34768	68110	Zinc	319.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34770	68110	Zinc	158.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34772	68110	Zinc	173.7927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
34773	68110	Zinc	328.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34775	68110	Zinc	171.007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34779	68110	Zinc	404.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34787	68110	Zinc	683.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34795	68110	Zinc	383.0139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34804	68110	Zinc	665.0905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34807	68110	Zinc	274.8344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34811	68110	Zinc	442.9643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34815	68110	Zinc	767.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
34816	68110	Zinc	203.7768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34818	68110	Zinc	238.7004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34821	68110	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34824	68110	Zinc	371.791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34828	68110	Zinc	435.8176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34834	68110	Zinc	584.323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34837	68110	Zinc	330.3081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34847	68110	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34848	68110	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34854	68110	Zinc	258.2092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34861	68110	Zinc	316.7356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34866	68110	Zinc	470.3318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34878	68110	Zinc	293.649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34879	68110	Zinc	276.0092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34886	68110	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34895	68110	Zinc	238.0418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34899	68110	Zinc	536.8771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34902	68110	Zinc	220.9538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34905	68110	Zinc	472.2898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34909	68110	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34913	68110	Zinc	237.4811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34915	68110	Zinc	356.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34933	68110	Zinc	1018.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
34952	68110	Zinc	558.8245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34955	68110	Zinc	731.0929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34961	68110	Zinc	324.9236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34965	68110	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34969	68110	Zinc	406.1984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34972	68110	Zinc	185.2203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34973	68110	Zinc	316.6733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34989	68110	Zinc	165.7471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34991	68110	Zinc	441.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34997	68110	Zinc	115.2663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34998	68110	Zinc	173.6503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35004	68110	Zinc	197.529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35008	68110	Zinc	306.6697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35009	68110	Zinc	687.9279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35012	68110	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35013	68110	Zinc	115.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35015	68110	Zinc	377.398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35016	68110	Zinc	393.0709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35020	68110	Zinc	370.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35022	68110	Zinc	453.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35025	68110	Zinc	796.5346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
35036	68110	Zinc	468.4717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35038	68110	Zinc	376.5881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35047	68110	Zinc	307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35048	68110	Zinc	166.3078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35065	68110	Zinc	548.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35070	68110	Zinc	2099.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
35071	68110	Zinc	450.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35085	68110	Zinc	366.2196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35086	68110	Zinc	201.3204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35088	68110	Zinc	405.9314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35105	68110	Zinc	295.874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35114	68110	Zinc	710.5072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35116	68110	Zinc	189.8839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35131	68110	Zinc	469.4952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35132	68110	Zinc	788.0885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
35140	68110	Zinc	519.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35148	68110	Zinc	301.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35158	68110	Zinc	349.7546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35171	68110	Zinc	411.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35174	68110	Zinc	459.5005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35176	68110	Zinc	386.476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35178	68110	Zinc	894.3278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35180	68110	Zinc	571.151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35182	68110	Zinc	362.8821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35183	68110	Zinc	296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35185	68110	Zinc	146.3184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35188	68110	Zinc	275.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35191	68110	Zinc	202.8512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35192	68110	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35196	68110	Zinc	205.2631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35200	68110	Zinc	232.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35202	68110	Zinc	506.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35207	68110	Zinc	280.9042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35209	68110	Zinc	414.8047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
35212	68110	Zinc	361.378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35215	68110	Zinc	652.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35235	68110	Zinc	250.5463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35237	68110	Zinc	202.5931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35245	68110	Zinc	257.871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35249	68110	Zinc	379.623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35256	68110	Zinc	310.6391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35259	68110	Zinc	136.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35261	68110	Zinc	395.2692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35265	68110	Zinc	163.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35278	68110	Zinc	241.4772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35286	68110	Zinc	483.1923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35292	68110	Zinc	272.289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35298	68110	Zinc	320.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35300	68110	Zinc	522.7706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35303	68110	Zinc	346.5328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35304	68110	Zinc	776.5096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
35308	68110	Zinc	149.8873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35313	68110	Zinc	330.1301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35315	68110	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35318	68110	Zinc	103.7408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
35319	68110	Zinc	433.9931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35320	68110	Zinc	298.8377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35321	68110	Zinc	740.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35325	68110	Zinc	341.1928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35326	68110	Zinc	459.0021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35327	68110	Zinc	249.594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35330	68110	Zinc	185.9857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35331	68110	Zinc	208.0933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35333	68110	Zinc	452.0423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35338	68110	Zinc	288.3624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35339	68110	Zinc	378.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35340	68110	Zinc	312.7128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35341	68110	Zinc	290.6586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35342	68110	Zinc	192.3759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35343	68110	Zinc	168.0522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35344	68110	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35346	68110	Zinc	203.6255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35347	68110	Zinc	360.9686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35348	68110	Zinc	333.2362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35349	68110	Zinc	273.4193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35353	68110	Zinc	247.7962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35364	68110	Zinc	153.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35365	68110	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35366	68110	Zinc	412.7666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35372	68110	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35381	68110	Zinc	466.9142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35384	68110	Zinc	465.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35390	68110	Zinc	148.1696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35391	68110	Zinc	337.2946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35396	68110	Zinc	423.1618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35400	68110	Zinc	297.1111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35402	68110	Zinc	256.002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35410	68110	Zinc	193.079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35413	68110	Zinc	308.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35419	68110	Zinc	517.0479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35421	68110	Zinc	323.1881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35431	68110	Zinc	549.1947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35432	68110	Zinc	151.249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35438	68110	Zinc	310	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35446	68110	Zinc	331.5363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35450	68110	Zinc	552.5055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35452	68110	Zinc	186.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35454	68110	Zinc	246.6748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35457	68110	Zinc	206.9096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35459	68110	Zinc	598.9724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35461	68110	Zinc	448.9184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35463	68110	Zinc	581.6708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35464	68110	Zinc	304.3468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35465	68110	Zinc	198.4279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35467	68110	Zinc	122.4842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
35472	68110	Zinc	163.6467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35476	68110	Zinc	604.2501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35477	68110	Zinc	374.3631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35479	68110	Zinc	332.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35480	68110	Zinc	140.7737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35482	68110	Zinc	376.9797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35485	68110	Zinc	242.6787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35486	68110	Zinc	571.3557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35487	68110	Zinc	151.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35490	68110	Zinc	338.2202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35491	68110	Zinc	938.721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35494	68110	Zinc	535.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35497	68110	Zinc	195.3841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35501	68110	Zinc	691.5858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35502	68110	Zinc	236.5021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35520	68110	Zinc	314.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
35522	68110	Zinc	512.5534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35525	68110	Zinc	358.0583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35526	68110	Zinc	416.3266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35528	68110	Zinc	246.7282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35530	68110	Zinc	266.0679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35533	68110	Zinc	373.838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35539	68110	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35546	68110	Zinc	515.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35551	68110	Zinc	811.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
35555	68110	Zinc	298.3482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35558	68110	Zinc	482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35569	68110	Zinc	496.035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35578	68110	Zinc	259.7489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35582	68110	Zinc	210.3717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35583	68110	Zinc	192.3225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35589	68110	Zinc	189.0295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35606	68110	Zinc	948.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35609	68110	Zinc	453.1815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35616	68110	Zinc	199.5315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35617	68110	Zinc	208.3959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35625	68110	Zinc	187.2762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35627	68110	Zinc	144.0934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35628	68110	Zinc	412.7844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35629	68110	Zinc	580.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35631	68110	Zinc	397.9748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35634	68110	Zinc	413.1404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35635	68110	Zinc	456.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35637	68110	Zinc	306.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35639	68110	Zinc	392.3678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35640	68110	Zinc	159.3391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35656	68110	Zinc	481.4479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35659	68110	Zinc	379.9968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35661	68110	Zinc	625.3609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35662	68110	Zinc	487.0193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35663	68110	Zinc	218.355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35665	68110	Zinc	260.2117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35669	68110	Zinc	647.9669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35680	68110	Zinc	246.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35681	68110	Zinc	512.4377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35682	68110	Zinc	113.2816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35686	68110	Zinc	162.6143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35694	68110	Zinc	308.9926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35695	68110	Zinc	292.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35696	68110	Zinc	728.0936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35703	68110	Zinc	156.589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35710	68110	Zinc	635.0708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35719	68110	Zinc	267.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35720	68110	Zinc	360.6571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35732	68110	Zinc	121.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
35737	68110	Zinc	359.7315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35739	68110	Zinc	182.933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35742	68110	Zinc	497.3967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35746	68110	Zinc	418.1066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35747	68110	Zinc	335.6659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35754	68110	Zinc	1240	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
35757	68110	Zinc	2256.277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35759	68110	Zinc	320.3045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35764	68110	Zinc	226.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35766	68110	Zinc	433.1921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35767	68110	Zinc	481.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35770	68110	Zinc	351.8906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35774	68110	Zinc	290.1691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35779	68110	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35784	68110	Zinc	370.2958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35787	68110	Zinc	410.3102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35792	68110	Zinc	480.7982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35793	68110	Zinc	202.4507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35797	68110	Zinc	231.2244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35808	68110	Zinc	262.6503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35834	68110	Zinc	407.9962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35847	68110	Zinc	438.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35855	68110	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35870	68110	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35897	68110	Zinc	266.0056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35905	68110	Zinc	93.5948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
35913	68110	Zinc	355.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35914	68110	Zinc	198.419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35916	68110	Zinc	424.3633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35923	68110	Zinc	576.2418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35942	68110	Zinc	597.4861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35952	68110	Zinc	457.409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35953	68110	Zinc	256.0109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35957	68110	Zinc	243.542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35972	68110	Zinc	125.5547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
35996	68110	Zinc	514.8318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36037	68110	Zinc	246.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36060	68110	Zinc	755.4077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
36061	68110	Zinc	272.9832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36068	68110	Zinc	271.221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36076	68110	Zinc	652.0787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36152	68110	Zinc	385.1588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36189	68110	Zinc	289.377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36611	68110	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36750	68110	Zinc	336.3779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36758	68110	Zinc	359.5446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36879	68110	Zinc	616.2651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36886	68110	Zinc	966.934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
36893	68110	Zinc	540.0722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36900	68110	Zinc	555.5671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
36905	68110	Zinc	256.5093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37069	68110	Zinc	701.892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37075	68110	Zinc	465.6148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37077	68110	Zinc	385.4792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37079	68110	Zinc	722.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37081	68110	Zinc	256.8742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37083	68110	Zinc	177.8956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37086	68110	Zinc	274.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37091	68110	Zinc	822.3713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
37092	68110	Zinc	495.7413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37096	68110	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37137	68110	Zinc	388.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37188	68110	Zinc	572.0499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
37258	68110	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37305	68110	Zinc	735.6853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37332	68110	Zinc	230.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37362	68110	Zinc	509.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37398	68110	Zinc	201.712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37401	68110	Zinc	411.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37434	68110	Zinc	846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
37456	68110	Zinc	758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37522	68110	Zinc	564.0844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
37523	68110	Zinc	917.717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
37525	68110	Zinc	724.8006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37528	68110	Zinc	276.472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37532	68110	Zinc	268.0348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37534	68110	Zinc	171.808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37562	68110	Zinc	400.4045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37615	68110	Zinc	270.064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37652	68110	Zinc	516.1668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37656	68110	Zinc	285.2207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37667	68110	Zinc	196.2741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37673	68110	Zinc	703.316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37674	68110	Zinc	325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37707	68110	Zinc	329.7652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37810	68110	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37821	68110	Zinc	404.8812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37865	68110	Zinc	212.7124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37909	68110	Zinc	254.6314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37915	68110	Zinc	267.9013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37977	68110	Zinc	248.704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37985	68110	Zinc	368.0975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38063	68110	Zinc	464.6981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38086	68110	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
38089	68110	Zinc	250.3327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38092	68110	Zinc	134.3835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
38120	68110	Zinc	292.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38205	68110	Zinc	413.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38211	68110	Zinc	232.9599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38239	68110	Zinc	346.9333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38263	68110	Zinc	379.0801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38273	68110	Zinc	528.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38451	68110	Zinc	159.5883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
38458	68110	Zinc	308.6366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38471	68110	Zinc	398.5978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38518	68110	Zinc	194.6009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38570	68110	Zinc	313.0332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38571	68110	Zinc	326.4544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38602	68110	Zinc	377.1221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38609	68110	Zinc	535.0793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38697	68110	Zinc	289.0477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38699	68110	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38719	68110	Zinc	340.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38725	68110	Zinc	413.4341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38757	68110	Zinc	290.623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38774	68110	Zinc	205.2008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38791	68110	Zinc	317.8659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38829	68110	Zinc	301.4098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38832	68110	Zinc	390.4543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38863	68110	Zinc	672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38878	68110	Zinc	296.3724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38916	68110	Zinc	165.311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38921	68110	Zinc	278.7504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38950	68110	Zinc	424.1853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38954	68110	Zinc	306.9189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER									
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
38955	68110	Zinc	237.9083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38959	68110	Zinc	226.7922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39000	68110	Zinc	314.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39006	68110	Zinc	280.3435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39015	68110	Zinc	359.4823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39037	68110	Zinc	192.4382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
39124	68110	Zinc	247.5648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39142	68110	Zinc	326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39174	68110	Zinc	260.8436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39189	68110	Zinc	220.1795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
39209	68110	Zinc	555.7451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
39226	68110	Zinc	352.7806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39271	68110	Zinc	357.8625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39272	68110	Zinc	313.9321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39274	68110	Zinc	265.0266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39277	68110	Zinc	251.3651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39279	68110	Zinc	385.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39281	68110	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39434	68110	Zinc	281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39437	68110	Zinc	273.2947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39441	68110	Zinc	435.2213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39445	68110	Zinc	248.6239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39448	68110	Zinc	328.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39493	68110	Zinc	488.7726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39500	68110	Zinc	300.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39523	68110	Zinc	658.6914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
39559	68110	Zinc	233.3871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39572	68110	Zinc	317.6167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39583	68110	Zinc	338.8165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39594	68110	Zinc	674.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
39598	68110	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39605	68110	Zinc	429.3473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39619	68110	Zinc	264.4303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39635	68110	Zinc	214.9908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
39650	68110	Zinc	748.5102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
39654	68110	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39657	68110	Zinc	299.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39683	68110	Zinc	174.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49164	68110	Zinc	432.7471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49181	68110	Zinc	478.7601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49336	68110	Zinc	366.7892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49343	68110	Zinc	337.0454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50034	68110	Zinc	133.182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50037	68110	Zinc	151.9788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50039	68110	Zinc	209.4817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50252	68110	Zinc	307.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50253	68110	Zinc	273.0633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50254	68110	Zinc	446.3997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50255	68110	Zinc	483.2279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50256	68110	Zinc	309.9627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50257	68110	Zinc	438.3541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50258	68110	Zinc	376.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50259	68110	Zinc	453.8579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50260	68110	Zinc	435.1946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50261	68110	Zinc	361.2801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50401	68110	Zinc	677.7997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50440	68110	Zinc	473.6426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50481	68110	Zinc	238.9674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50482	68110	Zinc	274.3182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50483	68110	Zinc	247.4135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50572	68110	Zinc	339.7421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50590	68110	Zinc	349.4342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50602	68110	Zinc	252.95375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50617	68110	Zinc	553.0929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
55636	68110	Zinc	211.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
55642	68110	Zinc	376.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
55643	68110	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
55644	68110	Zinc	561.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
55645	68110	Zinc	429.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
55649	68110	Zinc	319.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
63316	68110	Zinc	121.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
63319	68110	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
66088	68110	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
73891	68110	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
73892	68110	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
74149	68110	Zinc	783.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
74155	68110	Zinc	140.2308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
75834	68110	Zinc	355.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
77563	68110	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
79377	68110	Zinc	299.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
79566	68110	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
81395	68110	Zinc	127.6195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
81396	68110	Zinc	183.9387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
81397	68110	Zinc	247.0041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
81398	68110	Zinc	132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
81399	68110	Zinc	140.3376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
81400	68110	Zinc	148.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
81401	68110	Zinc	154.2216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
81402	68110	Zinc	145.6242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
81403	68110	Zinc	154.4441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
81404	68110	Zinc	120.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
87991	68110	Zinc	118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
87996	68110	Zinc	171.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
88030	68110	Zinc	163.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
88049	68110	Zinc	205.6547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
88194	68110	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
88205	68110	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
88318	68110	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90100	68110	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
90165	68110	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90539	68110	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
90706	68110	Zinc	115.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
90707	68110	Zinc	120.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
90857	68110	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
90907	68110	Zinc	739.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
90908	68110	Zinc	558.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
91240	68110	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
91449	68110	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91602	68110	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91603	68110	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
91604	68110	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
91608	68110	Zinc	607.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
91732	68110	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
92499	68110	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
92500	68110	Zinc	163.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
92501	68110	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
92505	68110	Zinc	168.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
92511	68110	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
92674	68110	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
92675	68110	Zinc	118.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
92843	68110	Zinc	753.2539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
92845	68110	Zinc	172.965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
92849	68110	Zinc	613.6396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
92851	68110	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
92883	68110	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93337	68110	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93338	68110	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93339	68110	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93340	68110	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93341	68110	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
93342	68110	Zinc	200	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
93343	68110	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
93344	68110	Zinc	132.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93345	68110	Zinc	154.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
93374	68110	Zinc	147.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
93375	68110	Zinc	118.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
93376	68110	Zinc	132.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93377	68110	Zinc	119.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
223	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
227	68111	Zinc	281.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
249	68111	Zinc	152.495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
250	68111	Zinc	1828.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
255	68111	Zinc	167.803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
276	68111	Zinc	495.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
305	68111	Zinc	385.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
310	68111	Zinc	225.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
318	68111	Zinc	322.574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
336	68111	Zinc	314.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
339	68111	Zinc	966.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
363	68111	Zinc	720.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
465	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
470	68111	Zinc	351.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
476	68111	Zinc	293.115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
500	68111	Zinc	430.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
537	68111	Zinc	272.378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
540	68111	Zinc	434.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
542	68111	Zinc	239.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
546	68111	Zinc	314.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
553	68111	Zinc	198.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
554	68111	Zinc	236.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
559	68111	Zinc	164.154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
560	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
561	68111	Zinc	490.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
563	68111	Zinc	155.877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
564	68111	Zinc	382.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
565	68111	Zinc	948.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
566	68111	Zinc	223.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
568	68111	Zinc	255.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
571	68111	Zinc	291.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
573	68111	Zinc	786.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
574	68111	Zinc	268.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
576	68111	Zinc	326.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
579	68111	Zinc	289.822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
580	68111	Zinc	324.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
581	68111	Zinc	302.816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
582	68111	Zinc	451.624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
587	68111	Zinc	312.962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
589	68111	Zinc	206.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
591	68111	Zinc	694.415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
592	68111	Zinc	197.351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
594	68111	Zinc	374.906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
595	68111	Zinc	189.519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
600	68111	Zinc	395.732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
603	68111	Zinc	352.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
604	68111	Zinc	504.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
614	68111	Zinc	487.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
617	68111	Zinc	256.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
618	68111	Zinc	400.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
620	68111	Zinc	172.787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
625	68111	Zinc	517.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
627	68111	Zinc	541.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
628	68111	Zinc	214.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
630	68111	Zinc	445.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
631	68111	Zinc	496.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
637	68111	Zinc	405.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
643	68111	Zinc	136.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
646	68111	Zinc	570.884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
648	68111	Zinc	185.247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
651	68111	Zinc	151.961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
653	68111	Zinc	314.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
665	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
666	68111	Zinc	276.116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
667	68111	Zinc	533.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
668	68111	Zinc	259.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
669	68111	Zinc	220.402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
670	68111	Zinc	455.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
671	68111	Zinc	467.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
672	68111	Zinc	197.707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
673	68111	Zinc	200.822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
675	68111	Zinc	259.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
676	68111	Zinc	388.612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
677	68111	Zinc	315.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
678	68111	Zinc	459.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
679	68111	Zinc	620.012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
680	68111	Zinc	163.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
681	68111	Zinc	180.085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
682	68111	Zinc	164.065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
683	68111	Zinc	345.358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
684	68111	Zinc	156.055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
685	68111	Zinc	187.917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
687	68111	Zinc	237.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
688	68111	Zinc	168.693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
689	68111	Zinc	534.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
691	68111	Zinc	231.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
692	68111	Zinc	183.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
693	68111	Zinc	147.511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
694	68111	Zinc	448.42	3.00E-01

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
713	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
714	68111	Zinc	208.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
715	68111	Zinc	344.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
716	68111	Zinc	324.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
717	68111	Zinc	271.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
719	68111	Zinc	416.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
722	68111	Zinc	435.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
725	68111	Zinc	374.016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
727	68111	Zinc	296.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
728	68111	Zinc	343.222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
729	68111	Zinc	595.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
730	68111	Zinc	301.926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
735	68111	Zinc	361.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
738	68111	Zinc	312.606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
741	68111	Zinc	285.016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
742	68111	Zinc	278.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
743	68111	Zinc	226.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
744	68111	Zinc	893.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
745	68111	Zinc	232.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
746	68111	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
748	68111	Zinc	315.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
749	68111	Zinc	722.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
750	68111	Zinc	357.818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
753	68111	Zinc	291.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
758	68111	Zinc	143.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
760	68111	Zinc	214.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
761	68111	Zinc	701.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
763	68111	Zinc	136.831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
764	68111	Zinc	187.739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
765	68111	Zinc	261.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
767	68111	Zinc	595.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
770	68111	Zinc	185.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
771	68111	Zinc	333.788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
774	68111	Zinc	364.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
775	68111	Zinc	299.612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
778	68111	Zinc	357.462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
779	68111	Zinc	239.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
780	68111	Zinc	281.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
781	68111	Zinc	354.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
784	68111	Zinc	555.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
787	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
788	68111	Zinc	266.682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
790	68111	Zinc	241.762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
793	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
794	68111	Zinc	421.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
795	68111	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
797	68111	Zinc	143.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
799	68111	Zinc	263.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
801	68111	Zinc	550.948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
802	68111	Zinc	256.002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
803	68111	Zinc	863.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
804	68111	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
808	68111	Zinc	155.521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
809	68111	Zinc	213.282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
810	68111	Zinc	277.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
811	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
813	68111	Zinc	131.313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
814	68111	Zinc	230.6518333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
816	68111	Zinc	127.041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
817	68111	Zinc	213.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
820	68111	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
821	68111	Zinc	535.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
822	68111	Zinc	427.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
828	68111	Zinc	249.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
829	68111	Zinc	252.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
831	68111	Zinc	146.443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
832	68111	Zinc	327.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
839	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
840	68111	Zinc	172.431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
841	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
842	68111	Zinc	248.882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
843	68111	Zinc	308.512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
844	68111	Zinc	505.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
845	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
846	68111	Zinc	156.322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
847	68111	Zinc	657.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
848	68111	Zinc	500.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
849	68111	Zinc	140.925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
850	68111	Zinc	712.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
851	68111	Zinc	412.464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
852	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
853	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
854	68111	Zinc	265.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
856	68111	Zinc	211.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
858	68111	Zinc	256.358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
859	68111	Zinc	429.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
860	68111	Zinc	231.972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
861	68111	Zinc	1170.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
863	68111	Zinc	470.848	3.00E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
909	68111	Zinc	635.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
942	68111	Zinc	816.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
944	68111	Zinc	575.512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
945	68111	Zinc	178.127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
946	68111	Zinc	306.198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
948	68111	Zinc	221.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
956	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
962	68111	Zinc	196.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
965	68111	Zinc	159.971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
967	68111	Zinc	280.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
977	68111	Zinc	158.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
978	68111	Zinc	321.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
980	68111	Zinc	154.097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
982	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
983	68111	Zinc	222.716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
984	68111	Zinc	320.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
988	68111	Zinc	232.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
990	68111	Zinc	353.546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
993	68111	Zinc	532.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1008	68111	Zinc	331.118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1021	68111	Zinc	378.644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1022	68111	Zinc	169.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1024	68111	Zinc	712.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1030	68111	Zinc	152.673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1032	68111	Zinc	280.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1061	68111	Zinc	236.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1062	68111	Zinc	341.798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1063	68111	Zinc	168.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1066	68111	Zinc	153.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1075	68111	Zinc	1135.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
1078	68111	Zinc	298.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1081	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1082	68111	Zinc	205.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1085	68111	Zinc	555.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
1090	68111	Zinc	135.407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1091	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1096	68111	Zinc	312.606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1101	68111	Zinc	194.859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1108	68111	Zinc	886.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
1110	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1125	68111	Zinc	362.802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1127	68111	Zinc	218.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1134	68111	Zinc	241.406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1143	68111	Zinc	312.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1145	68111	Zinc	300.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1147	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1149	68111	Zinc	116.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
1153	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1154	68111	Zinc	270.064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1157	68111	Zinc	144.485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1158	68111	Zinc	147.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1159	68111	Zinc	137.721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1194	68111	Zinc	165.489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1202	68111	Zinc	354.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1204	68111	Zinc	363.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1206	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
1208	68111	Zinc	122.591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
1211	68111	Zinc	176.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1213	68111	Zinc	248.348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1221	68111	Zinc	245.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1225	68111	Zinc	244.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1238	68111	Zinc	285.906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1246	68111	Zinc	207.586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1251	68111	Zinc	269.886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1262	68111	Zinc	230.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1264	68111	Zinc	175.101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1265	68111	Zinc	162.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1266	68111	Zinc	201.445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1275	68111	Zinc	179.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1277	68111	Zinc	367.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1285	68111	Zinc	63.673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
1288	68111	Zinc	177.593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1289	68111	Zinc	470.492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1292	68111	Zinc	160.683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1295	68111	Zinc	376.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1298	68111	Zinc	319.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1305	68111	Zinc	406.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1306	68111	Zinc	657.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1309	68111	Zinc	472.272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1320	68111	Zinc	197.084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1325	68111	Zinc	191.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1329	68111	Zinc	206.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1330	68111	Zinc	170.918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1335	68111	Zinc	180.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1336	68111	Zinc	233.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1337	68111	Zinc	185.781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
1338	68111	Zinc	278.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1340	68111	Zinc	228.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
1422	68111	Zinc	499.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1425	68111	Zinc	329.872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1426	68111	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1427	68111	Zinc	418.516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1430	68111	Zinc	135.407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1431	68111	Zinc	238.914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1432	68111	Zinc	400.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1434	68111	Zinc	732.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
1435	68111	Zinc	280.566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1436	68111	Zinc	563.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
1438	68111	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1439	68111	Zinc	244.966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1440	68111	Zinc	333.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
1441	68111	Zinc	409.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1442	68111	Zinc	107.995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
1443	68111	Zinc	367.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1444	68111	Zinc	164.065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1445	68111	Zinc	153.741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1446	68111	Zinc	190.587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1447	68111	Zinc	265.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1448	68111	Zinc	197.707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1460	68111	Zinc	212.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1464	68111	Zinc	414.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1468	68111	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1473	68111	Zinc	253.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1474	68111	Zinc	429.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1476	68111	Zinc	297.832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1482	68111	Zinc	206.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1483	68111	Zinc	256.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1484	68111	Zinc	189.341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1486	68111	Zinc	137.187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
1487	68111	Zinc	119.832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
1489	68111	Zinc	298.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1490	68111	Zinc	255.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1491	68111	Zinc	160.238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
1493	68111	Zinc	1126.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
1497	68111	Zinc	248.348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1498	68111	Zinc	322.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2008	68111	Zinc	175.457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2035	68111	Zinc	349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2075	68111	Zinc	169.761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2095	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2103	68111	Zinc	215.851875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2109	68111	Zinc	399.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2112	68111	Zinc	165.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2118	68111	Zinc	155.521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2119	68111	Zinc	361.8942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2121	68111	Zinc	172.609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2123	68111	Zinc	303.3678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2126	68111	Zinc	380.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2150	68111	Zinc	325.4754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2154	68111	Zinc	440	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2160	68111	Zinc	725.6461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2169	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2173	68111	Zinc	396.7733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2175	68111	Zinc	390.4721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2179	68111	Zinc	214.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2202	68111	Zinc	609.1896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2204	68111	Zinc	292.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2208	68111	Zinc	177.9935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2216	68111	Zinc	407.124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2225	68111	Zinc	284.126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2231	68111	Zinc	364.048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2232	68111	Zinc	491.5939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2242	68111	Zinc	137.365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2246	68111	Zinc	318.391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2262	68111	Zinc	427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2281	68111	Zinc	368.142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2286	68111	Zinc	303.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2287	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2288	68111	Zinc	151.071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2290	68111	Zinc	223.606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2298	68111	Zinc	307.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2305	68111	Zinc	245.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2310	68111	Zinc	211.5198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2343	68111	Zinc	276.0626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2344	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2349	68111	Zinc	462.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2365	68111	Zinc	151.783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
2366	68111	Zinc	330.584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2375	68111	Zinc	198.6415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2406	68111	Zinc	163.3441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2407	68111	Zinc	264.0921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2425	68111	Zinc	494.0859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2542	68111	Zinc	191.6995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2548	68111	Zinc	338.416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2549	68111	Zinc	177.6197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2559	68111	Zinc	352.567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME Child	RME Adult	RME Child	RME Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
2579	68111	Zinc	198.9085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
2580	68111	Zinc	213.2642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2583	68111	Zinc	394.931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3009	68111	Zinc	311.1642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3014	68111	Zinc	283.414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3016	68111	Zinc	200.021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
3019	68111	Zinc	161.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3046	68111	Zinc	281.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3051	68111	Zinc	112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
3053	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
3058	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3069	68111	Zinc	257.782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3070	68111	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3075	68111	Zinc	274.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3081	68111	Zinc	184.535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
3088	68111	Zinc	434.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3089	68111	Zinc	452.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
3091	68111	Zinc	232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3095	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
3102	68111	Zinc	158.1465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3106	68111	Zinc	291.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3119	68111	Zinc	270.0551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3133	68111	Zinc	194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3134	68111	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
3138	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
3147	68111	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3151	68111	Zinc	576.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
3162	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3169	68111	Zinc	141.548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
3170	68111	Zinc	312.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3177	68111	Zinc	263.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3186	68111	Zinc	236.7157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3187	68111	Zinc	264.1455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3189	68111	Zinc	303.4835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3191	68111	Zinc	243.0614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3195	68111	Zinc	201.2403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
3196	68111	Zinc	281.7141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3198	68111	Zinc	615.0458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
3201	68111	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
3213	68111	Zinc	321.9599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3214	68111	Zinc	178.6699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
3217	68111	Zinc	177.3082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
3218	68111	Zinc	227.5309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5001	68111	Zinc	1019.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5003	68111	Zinc	262.232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5007	68111	Zinc	366.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5008	68111	Zinc	243.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5013	68111	Zinc	161.039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5014	68111	Zinc	187.205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5015	68111	Zinc	141.637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5016	68111	Zinc	192.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5022	68111	Zinc	307.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5023	68111	Zinc	371.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5025	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5031	68111	Zinc	168.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5032	68111	Zinc	132.381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5034	68111	Zinc	992.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
5035	68111	Zinc	193.791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5044	68111	Zinc	199.665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5046	68111	Zinc	191.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5085	68111	Zinc	263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5090	68111	Zinc	220.046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5091	68111	Zinc	200.021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5092	68111	Zinc	152.673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5094	68111	Zinc	127.486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
5095	68111	Zinc	184.624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5169	68111	Zinc	180.619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5170	68111	Zinc	126.774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
5171	68111	Zinc	236.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5204	68111	Zinc	152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5205	68111	Zinc	983.755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5206	68111	Zinc	127.397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
5207	68111	Zinc	304.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5208	68111	Zinc	364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5215	68111	Zinc	280.833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5216	68111	Zinc	511.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5217	68111	Zinc	376.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5218	68111	Zinc	286.974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5219	68111	Zinc	401.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5220	68111	Zinc	179.462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5221	68111	Zinc	428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5222	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5230	68111	Zinc	481.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5231	68111	Zinc	262.588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5232	68111	Zinc	905.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
5233	68111	Zinc	431.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5234	68111	Zinc	620	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5235	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
5247	68111	Zinc	284.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5248	68111	Zinc	205.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5249	68111	Zinc	1269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5250	68111	Zinc	357.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5252	68111	Zinc	466.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5253	68111	Zinc	648.848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5286	68111	Zinc	169.227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5287	68111	Zinc	142.705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5288	68111	Zinc	482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5289	68111	Zinc	182.933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5290	68111	Zinc	176.703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5291	68111	Zinc	105.325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
5292	68111	Zinc	177.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5293	68111	Zinc	167.091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5294	68111	Zinc	466.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5295	68111	Zinc	304.418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5296	68111	Zinc	263.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5329	68111	Zinc	404.632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5330	68111	Zinc	571.596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5333	68111	Zinc	209.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5513	68111	Zinc	277.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5514	68111	Zinc	136.297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5515	68111	Zinc	249.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5516	68111	Zinc	168.693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5518	68111	Zinc	254.222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5519	68111	Zinc	110.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5611	68111	Zinc	312.0453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5618	68111	Zinc	187.472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5619	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5625	68111	Zinc	375.618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5645	68111	Zinc	579.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5655	68111	Zinc	508.2903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5665	68111	Zinc	251.8546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5681	68111	Zinc	330.5751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5686	68111	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5687	68111	Zinc	265.6496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25624	68111	Zinc	216.3347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25637	68111	Zinc	292.225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25640	68111	Zinc	279.3022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25645	68111	Zinc	325.1995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25646	68111	Zinc	357.0793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25647	68111	Zinc	257.2213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25648	68111	Zinc	349.7991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25649	68111	Zinc	228.3764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25651	68111	Zinc	1305.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
25652	68111	Zinc	307.4707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25658	68111	Zinc	388.1581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25660	68111	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25662	68111	Zinc	758.6473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25663	68111	Zinc	468.0356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25669	68111	Zinc	253.7058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25670	68111	Zinc	277.1128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25671	68111	Zinc	336.4046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25673	68111	Zinc	411.2981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25674	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25675	68111	Zinc	239.1454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25678	68111	Zinc	946.553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25679	68111	Zinc	312.4458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25680	68111	Zinc	228.7947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25681	68111	Zinc	194.1915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25682	68111	Zinc	411.7342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25683	68111	Zinc	241.9489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25684	68111	Zinc	382.8715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25685	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25686	68111	Zinc	360.9508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25687	68111	Zinc	321.8264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25688	68111	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25695	68111	Zinc	404.6765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25696	68111	Zinc	355.6998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25697	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25698	68111	Zinc	160.1134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25699	68111	Zinc	448.1975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25701	68111	Zinc	434.6517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25705	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25706	68111	Zinc	248.7663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25708	68111	Zinc	341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25709	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25716	68111	Zinc	333.1294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25718	68111	Zinc	278.8038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25719	68111	Zinc	253.4744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25724	68111	Zinc	503.5555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25726	68111	Zinc	516.1579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25727	68111	Zinc	163.2373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25730	68111	Zinc	227.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25731	68111	Zinc	501.464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25732	68111	Zinc	373.7401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25735	68111	Zinc	347.4762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25736	68111	Zinc	314.2169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
25756	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25758	68111	Zinc	324.5142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25759	68111	Zinc	556.1367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25761	68111	Zinc	1337.085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
25762	68111	Zinc	561.4856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25763	68111	Zinc	259.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25764	68111	Zinc	330.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25765	68111	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25766	68111	Zinc	309.8292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25768	68111	Zinc	558.0769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25769	68111	Zinc	228.9638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25770	68111	Zinc	259.0458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25771	68111	Zinc	644.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25772	68111	Zinc	876.3498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25773	68111	Zinc	271.2032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25774	68111	Zinc	297.4493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25775	68111	Zinc	458.922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25776	68111	Zinc	538.9597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25778	68111	Zinc	107.7102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25779	68111	Zinc	417.6349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25780	68111	Zinc	347.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25781	68111	Zinc	347.7076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25782	68111	Zinc	174.1398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25785	68111	Zinc	257.7197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25786	68111	Zinc	501.6954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25787	68111	Zinc	432.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25788	68111	Zinc	195.2684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25790	68111	Zinc	315.5252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25793	68111	Zinc	424.6392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25794	68111	Zinc	552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25796	68111	Zinc	559.7412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25797	68111	Zinc	164.7325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25801	68111	Zinc	212.9349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25803	68111	Zinc	292.3051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25804	68111	Zinc	365.8725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25805	68111	Zinc	571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25807	68111	Zinc	326.7481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25808	68111	Zinc	400.2176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25809	68111	Zinc	428.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25810	68111	Zinc	356.4207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25811	68111	Zinc	578.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25813	68111	Zinc	210.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25814	68111	Zinc	407.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25815	68111	Zinc	292.3407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25816	68111	Zinc	278.8572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25817	68111	Zinc	292.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25818	68111	Zinc	285.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25819	68111	Zinc	370.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25821	68111	Zinc	369.922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25823	68111	Zinc	405.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25824	68111	Zinc	569.5312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25825	68111	Zinc	505.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25826	68111	Zinc	522.8329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25827	68111	Zinc	512.7581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25828	68111	Zinc	466.7184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25829	68111	Zinc	391.193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25830	68111	Zinc	402.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25831	68111	Zinc	341.353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25833	68111	Zinc	729.1705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25834	68111	Zinc	345.9454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25836	68111	Zinc	524.8799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25837	68111	Zinc	426.8998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25838	68111	Zinc	442.0832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25840	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25843	68111	Zinc	223.9264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25844	68111	Zinc	161.0123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25845	68111	Zinc	185.3894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25847	68111	Zinc	451.535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25848	68111	Zinc	152.0767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25849	68111	Zinc	559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25850	68111	Zinc	245.7225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25851	68111	Zinc	319.2988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25853	68111	Zinc	157.0073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25854	68111	Zinc	476.3304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25855	68111	Zinc	257.5684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25860	68111	Zinc	216.7975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25862	68111	Zinc	354.4716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25863	68111	Zinc	290.9167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25864	68111	Zinc	164.9283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25866	68111	Zinc	282.8355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25868	68111	Zinc	180.3965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25869	68111	Zinc	135.1667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25870	68111	Zinc	324.1582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25871	68111	Zinc	394.6462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25872	68111	Zinc	371.2481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25873	68111	Zinc	292.5454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25874	68111	Zinc	365.2406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25875	68111	Zinc	257.8354	3.00E-01	--	3.00E-01	--	1

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
25907	68111	Zinc	208.7252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25908	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25910	68111	Zinc	603.636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25912	68111	Zinc	215.3646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25915	68111	Zinc	389.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25918	68111	Zinc	98.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
25919	68111	Zinc	317.145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25921	68111	Zinc	639.2004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25924	68111	Zinc	223.962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25925	68111	Zinc	2209.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
25927	68111	Zinc	329.2935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25930	68111	Zinc	757.6238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25931	68111	Zinc	536.0227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25932	68111	Zinc	676.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25933	68111	Zinc	453.3773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25935	68111	Zinc	268.0971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25936	68111	Zinc	398.1973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25937	68111	Zinc	306.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25938	68111	Zinc	285.2207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25939	68111	Zinc	698.0739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25942	68111	Zinc	555.3535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25943	68111	Zinc	975.033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25944	68111	Zinc	417.0653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25947	68111	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25949	68111	Zinc	238.0863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25950	68111	Zinc	248.1967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25952	68111	Zinc	249.416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25953	68111	Zinc	385.7017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25955	68111	Zinc	108.974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25956	68111	Zinc	123.4365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
25958	68111	Zinc	270.6158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25961	68111	Zinc	209.4461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25962	68111	Zinc	217.8299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25963	68111	Zinc	315.454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25964	68111	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25965	68111	Zinc	246.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25968	68111	Zinc	458.3346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25970	68111	Zinc	304.9342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25971	68111	Zinc	214.1364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25972	68111	Zinc	322.4761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25973	68111	Zinc	427.4872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25974	68111	Zinc	321.2301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25975	68111	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25976	68111	Zinc	322.8588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25977	68111	Zinc	209.2592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25978	68111	Zinc	294.361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25979	68111	Zinc	222.6181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25980	68111	Zinc	364.7066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25981	68111	Zinc	529.054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25982	68111	Zinc	282.3104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25983	68111	Zinc	481.0474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25984	68111	Zinc	193.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25985	68111	Zinc	319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25986	68111	Zinc	481.85285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25987	68111	Zinc	388.0157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25988	68111	Zinc	176.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25990	68111	Zinc	166.5481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25991	68111	Zinc	302.6202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25992	68111	Zinc	332.1949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25993	68111	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25995	68111	Zinc	298.7309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25996	68111	Zinc	299.0424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26000	68111	Zinc	263.8429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26002	68111	Zinc	578.8584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26004	68111	Zinc	415.0984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26005	68111	Zinc	399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26006	68111	Zinc	253.1362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26007	68111	Zinc	286.3065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26008	68111	Zinc	295.518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26009	68111	Zinc	328.6972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26011	68111	Zinc	182.7105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26012	68111	Zinc	491.3002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26018	68111	Zinc	157.8617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26020	68111	Zinc	379.6319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26021	68111	Zinc	221.5768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26025	68111	Zinc	254.5424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26027	68111	Zinc	266.4773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26029	68111	Zinc	446.9159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26030	68111	Zinc	449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26032	68111	Zinc	164.3765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26033	68111	Zinc	176.4805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26034	68111	Zinc	152.3348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26035	68111	Zinc	336.9386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26036	68111	Zinc	330.1034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26038	68111	Zinc	515.9176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26039	68111	Zinc	509.5452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26040	68111	Zinc	228.3586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26041	68111	Zinc	191.388	3.00E-01	--	3.00E-01	--	1.28E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
26057	68111	Zinc	1721.387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
26061	68111	Zinc	581.8666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26062	68111	Zinc	891.3908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26063	68111	Zinc	293.5689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26065	68111	Zinc	312.3212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26067	68111	Zinc	291.4507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26068	68111	Zinc	281.723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26069	68111	Zinc	299.2916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26070	68111	Zinc	236.8047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26072	68111	Zinc	197.3065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26076	68111	Zinc	301.0627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26077	68111	Zinc	566.6298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26078	68111	Zinc	174.1131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26079	68111	Zinc	275.1726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26080	68111	Zinc	169.8589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26082	68111	Zinc	130.6099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26083	68111	Zinc	225.7242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26084	68111	Zinc	541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26086	68111	Zinc	145.9624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26087	68111	Zinc	160.3893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26088	68111	Zinc	1175.283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
26089	68111	Zinc	414.3775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26090	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26092	68111	Zinc	443.8454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26093	68111	Zinc	417.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26100	68111	Zinc	345.358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26101	68111	Zinc	185.8344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26102	68111	Zinc	1272.738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
26103	68111	Zinc	225.5551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26106	68111	Zinc	385.0075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26107	68111	Zinc	265.6763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26108	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26110	68111	Zinc	215.1688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26112	68111	Zinc	1018.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
26113	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26114	68111	Zinc	272.6895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26115	68111	Zinc	135.7719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26116	68111	Zinc	313.0866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26117	68111	Zinc	376.5525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26118	68111	Zinc	151.7385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26119	68111	Zinc	178.0291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26120	68111	Zinc	389.9915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26123	68111	Zinc	189.3054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26124	68111	Zinc	199.9587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26126	68111	Zinc	243.3996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26129	68111	Zinc	174.2911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26131	68111	Zinc	380.3795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26132	68111	Zinc	343.8806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26135	68111	Zinc	274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26137	68111	Zinc	181.509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26139	68111	Zinc	214.6259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26140	68111	Zinc	270.8116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26141	68111	Zinc	170.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26142	68111	Zinc	125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26144	68111	Zinc	282.3994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26145	68111	Zinc	236.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26146	68111	Zinc	328.3679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26147	68111	Zinc	290.1424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26149	68111	Zinc	388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26150	68111	Zinc	266.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26153	68111	Zinc	319.3967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26154	68111	Zinc	388.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26157	68111	Zinc	407.2397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26158	68111	Zinc	324.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26159	68111	Zinc	393.28895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26160	68111	Zinc	515.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26161	68111	Zinc	401.7751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26162	68111	Zinc	119.2446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26164	68111	Zinc	473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26165	68111	Zinc	264.1277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26166	68111	Zinc	163.7802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26168	68111	Zinc	254.8005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26170	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26172	68111	Zinc	337.6061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26173	68111	Zinc	369.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26174	68111	Zinc	361.2534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26176	68111	Zinc	317.6701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26177	68111	Zinc	276.116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26178	68111	Zinc	214.5191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26179	68111	Zinc	300.3685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26183	68111	Zinc	368.3645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26184	68111	Zinc	193.8711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26185	68111	Zinc	554.0986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26187	68111	Zinc	224.3803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26188	68111	Zinc	222.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26189	68111	Zinc	539.0131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26190	68111	Zinc	174.2644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26191	68111	Zinc	293.2841	3.00E-01	--	3.00E-01	--	1.28E-

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
26206	68111	Zinc	501.6509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26209	68111	Zinc	169.1113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26210	68111	Zinc	292.5988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26211	68111	Zinc	314.0478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26212	68111	Zinc	234.553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26213	68111	Zinc	207.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26214	68111	Zinc	348.5353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26215	68111	Zinc	319.4323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26216	68111	Zinc	232.7552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26217	68111	Zinc	127.5483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26222	68111	Zinc	235.3718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26224	68111	Zinc	295.0997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26225	68111	Zinc	274.2737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26226	68111	Zinc	537.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26227	68111	Zinc	224.1222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26228	68111	Zinc	415.3476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26229	68111	Zinc	462.4642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26230	68111	Zinc	535.8892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26231	68111	Zinc	238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26232	68111	Zinc	187.4542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26233	68111	Zinc	151.8809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26235	68111	Zinc	124.0417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26236	68111	Zinc	113.6554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26240	68111	Zinc	215.6316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26241	68111	Zinc	363.6475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26242	68111	Zinc	923.769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26246	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26248	68111	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26249	68111	Zinc	322.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26251	68111	Zinc	546.6048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26256	68111	Zinc	239.4836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26257	68111	Zinc	663.9958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26261	68111	Zinc	389.3062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26263	68111	Zinc	433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26264	68111	Zinc	397.1738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26265	68111	Zinc	383.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26266	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26268	68111	Zinc	157.3455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26269	68111	Zinc	236.2885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26270	68111	Zinc	173.8906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26271	68111	Zinc	388.8078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26273	68111	Zinc	383.539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26274	68111	Zinc	162.2405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26275	68111	Zinc	217.4917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26276	68111	Zinc	264.546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26277	68111	Zinc	168.9511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26279	68111	Zinc	228.0827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26281	68111	Zinc	178.3762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26282	68111	Zinc	166.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26283	68111	Zinc	235.8702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26284	68111	Zinc	268.8981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26285	68111	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26286	68111	Zinc	172.3331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26288	68111	Zinc	270.242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26289	68111	Zinc	557.1691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26290	68111	Zinc	171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26291	68111	Zinc	509.0023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26292	68111	Zinc	214.1809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26293	68111	Zinc	284.126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26294	68111	Zinc	359.0017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26295	68111	Zinc	220.1884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26296	68111	Zinc	186.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26300	68111	Zinc	285.194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26301	68111	Zinc	535.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26303	68111	Zinc	210.2471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26304	68111	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26305	68111	Zinc	262.2854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26306	68111	Zinc	116.0851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26307	68111	Zinc	183.467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26308	68111	Zinc	148.6324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26310	68111	Zinc	109.6593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26311	68111	Zinc	279.8807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26312	68111	Zinc	407.6847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26313	68111	Zinc	416.6826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26314	68111	Zinc	183.8764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26316	68111	Zinc	625.9038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26318	68111	Zinc	300.146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26319	68111	Zinc	259.1348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26320	68111	Zinc	443.2224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26322	68111	Zinc	1470.941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
26323	68111	Zinc	313.0866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26324	68111	Zinc	218.6309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26326	68111	Zinc	624.2128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26327	68111	Zinc	133.7961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26328	68111	Zinc	446.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26329	68111	Zinc	618.2231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26330	68111	Zinc	175.2256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26331	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
26348	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26349	68111	Zinc	182.6571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26351	68111	Zinc	87.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
26352	68111	Zinc	245.767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26353	68111	Zinc	211.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26354	68111	Zinc	400.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26356	68111	Zinc	294.7882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26357	68111	Zinc	182.3456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26359	68111	Zinc	489.4134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26360	68111	Zinc	721.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26361	68111	Zinc	322.1023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26362	68111	Zinc	256.0109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26363	68111	Zinc	810.7657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26364	68111	Zinc	368.7917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26366	68111	Zinc	263.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26368	68111	Zinc	331.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26370	68111	Zinc	224.1222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26371	68111	Zinc	400.6092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26372	68111	Zinc	1025.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
26373	68111	Zinc	211.9025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26375	68111	Zinc	195.6422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26376	68111	Zinc	320.0286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26377	68111	Zinc	668.0186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26379	68111	Zinc	231.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26381	68111	Zinc	216.2279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26385	68111	Zinc	570.5102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26390	68111	Zinc	300.3418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26392	68111	Zinc	509.7232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26394	68111	Zinc	235.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26395	68111	Zinc	364.5642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26396	68111	Zinc	340.8902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26397	68111	Zinc	339.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26399	68111	Zinc	535.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26401	68111	Zinc	182.6304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26403	68111	Zinc	523.0999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26404	68111	Zinc	155.9749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26405	68111	Zinc	215.8719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26406	68111	Zinc	515.6239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26407	68111	Zinc	1166.027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
26408	68111	Zinc	305.0321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26409	68111	Zinc	175.2167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26412	68111	Zinc	172.8493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26417	68111	Zinc	150.893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26418	68111	Zinc	328.4391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26419	68111	Zinc	301.8192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26420	68111	Zinc	185.5763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26421	68111	Zinc	175.7596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26422	68111	Zinc	346.7731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26424	68111	Zinc	319.7438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26427	68111	Zinc	228.5188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26428	68111	Zinc	702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26429	68111	Zinc	273.1434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26430	68111	Zinc	330.6908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26431	68111	Zinc	188.4065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26432	68111	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26433	68111	Zinc	216.7441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26434	68111	Zinc	240.8809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26436	68111	Zinc	224.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26438	68111	Zinc	349.363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26442	68111	Zinc	299.5942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26445	68111	Zinc	422.788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26446	68111	Zinc	404.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26449	68111	Zinc	261.6891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26450	68111	Zinc	815.1534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26451	68111	Zinc	277.0772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26453	68111	Zinc	440.3032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26455	68111	Zinc	327.202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26456	68111	Zinc	452.3004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26457	68111	Zinc	344.1387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26458	68111	Zinc	525.7076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26459	68111	Zinc	260.5232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26463	68111	Zinc	370.7408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26464	68111	Zinc	245.9272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26466	68111	Zinc	339.2259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26467	68111	Zinc	139.1717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26470	68111	Zinc	218.5063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26471	68111	Zinc	545.8483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26472	68111	Zinc	177.8867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26473	68111	Zinc	211.2172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26474	68111	Zinc	613.7553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26475	68111	Zinc	298.8466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26476	68111	Zinc	254.4356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26477	68111	Zinc	286.6269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26478	68111	Zinc	123.303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26479	68111	Zinc	225.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26480	68111	Zinc	576.1439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26481	68111	Zinc	204.8893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26482	68111	Zinc	282.6575	3.00E-01	--	3.00E-01	--	1.28E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
26496	68111	Zinc	240.1778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26498	68111	Zinc	240.2045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26499	68111	Zinc	405.1571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26500	68111	Zinc	1384.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
26501	68111	Zinc	153.6876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26504	68111	Zinc	453.1192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26505	68111	Zinc	421.4085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26507	68111	Zinc	257.8354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26510	68111	Zinc	174.2021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26512	68111	Zinc	230.6993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26514	68111	Zinc	261.7781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26515	68111	Zinc	357.8803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26516	68111	Zinc	478.9114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26517	68111	Zinc	468.7743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26518	68111	Zinc	557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26519	68111	Zinc	481.6615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26520	68111	Zinc	339.0123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26521	68111	Zinc	209.2236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26522	68111	Zinc	523.0287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26524	68111	Zinc	382.6134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26526	68111	Zinc	145.9001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26536	68111	Zinc	274.6475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26537	68111	Zinc	249.0155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26541	68111	Zinc	279.5247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26543	68111	Zinc	301.5433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26545	68111	Zinc	378.1456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26547	68111	Zinc	161.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26549	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26552	68111	Zinc	371.6575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26554	68111	Zinc	439.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26562	68111	Zinc	364.938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26564	68111	Zinc	354.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26566	68111	Zinc	334.0817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26570	68111	Zinc	898.7689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26571	68111	Zinc	289.555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26573	68111	Zinc	300.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26574	68111	Zinc	150.359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26576	68111	Zinc	270.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26579	68111	Zinc	338.1579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26581	68111	Zinc	559.225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26582	68111	Zinc	275.9558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26583	68111	Zinc	169.1558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26588	68111	Zinc	370.4382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26589	68111	Zinc	665.3664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26590	68111	Zinc	411.3871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26591	68111	Zinc	323.5085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26593	68111	Zinc	287.2588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26594	68111	Zinc	569.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26595	68111	Zinc	303.4568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26596	68111	Zinc	1187.565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
26597	68111	Zinc	342.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26599	68111	Zinc	815.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26601	68111	Zinc	365.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26602	68111	Zinc	263.7717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26604	68111	Zinc	139.8481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26605	68111	Zinc	214.2076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26607	68111	Zinc	150.1187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26610	68111	Zinc	235.4074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26611	68111	Zinc	246.3099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26612	68111	Zinc	370.6696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26615	68111	Zinc	347.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26616	68111	Zinc	511.1027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26620	68111	Zinc	934.093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26624	68111	Zinc	322.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26625	68111	Zinc	193.1146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26626	68111	Zinc	443.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26629	68111	Zinc	383.1563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26630	68111	Zinc	307.622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26632	68111	Zinc	221.4255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26633	68111	Zinc	835.4276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26634	68111	Zinc	377.9231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26635	68111	Zinc	550.3161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26636	68111	Zinc	254.7916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26637	68111	Zinc	241.8243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26638	68111	Zinc	137.4362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26641	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26642	68111	Zinc	568.9082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26643	68111	Zinc	240.516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26644	68111	Zinc	279.7383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26645	68111	Zinc	450.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26646	68111	Zinc	185.7098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26649	68111	Zinc	135.051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26650	68111	Zinc	307.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26652	68111	Zinc	128.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26653	68111	Zinc	379.4272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26654	68111	Zinc	137.6231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26655	68111	Zinc	341.0593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26657	68111	Zinc	424.7282	3.00E-01	--	3.00E-01	--	1

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	TOXICITY VALUES ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	HIFs Ingestion of Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM INGESTION OF SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	HIFs Contact with Surface Soil (kg/kg-d) NONCANCER RME Child	NONCANCER RME Adult	CANCER RME Child	CANCER RME Adult	RISK FROM CONTACT WITH SOIL NONCANCER HQ_RME Child	NONCANCER HQ_RME Adult	CANCER RISK_RME Child	CANCER RISK_RME Adult	CANCER RISK_RME Total	TOTAL CANCER RISK (child and adult) RME	TOTAL NONCANCER RISK NONCANCER HQ-child RME	TOTAL NONCANCER RISK NONCANCER HQ-adult RME
26672	68111	Zinc	118.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26673	68111	Zinc	581.3504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26674	68111	Zinc	175.1366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26675	68111	Zinc	226.0713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26676	68111	Zinc	253.6257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26677	68111	Zinc	177.059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26678	68111	Zinc	458.3969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26679	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26680	68111	Zinc	312.6772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26681	68111	Zinc	563.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26682	68111	Zinc	269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26684	68111	Zinc	232.5594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26686	68111	Zinc	385.4525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26689	68111	Zinc	857.7933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26690	68111	Zinc	528.1729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26693	68111	Zinc	417.9731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26695	68111	Zinc	507.7296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26696	68111	Zinc	194.9391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26698	68111	Zinc	685.3291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26700	68111	Zinc	399.4433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26702	68111	Zinc	240.9699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26710	68111	Zinc	137.3561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26711	68111	Zinc	338.3626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26712	68111	Zinc	121.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26713	68111	Zinc	339.8222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26714	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26715	68111	Zinc	91.7881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
26716	68111	Zinc	410.061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26718	68111	Zinc	135.6206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
26720	68111	Zinc	282.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26721	68111	Zinc	250.0479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26722	68111	Zinc	300.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26725	68111	Zinc	230.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26727	68111	Zinc	283.3873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26728	68111	Zinc	259.028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26729	68111	Zinc	277.006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26730	68111	Zinc	451.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26732	68111	Zinc	267.483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26734	68111	Zinc	451.5884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26736	68111	Zinc	574.1681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26737	68111	Zinc	224.9944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26738	68111	Zinc	2889.512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
26740	68111	Zinc	126.8007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26741	68111	Zinc	455.2107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26742	68111	Zinc	207.141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26744	68111	Zinc	813.1776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26745	68111	Zinc	736.5041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26746	68111	Zinc	238.291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26748	68111	Zinc	232.2212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26749	68111	Zinc	191.3524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26750	68111	Zinc	683.4334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26751	68111	Zinc	841.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26753	68111	Zinc	308.7612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26754	68111	Zinc	620.6172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26756	68111	Zinc	596.5605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26757	68111	Zinc	213.0506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26758	68111	Zinc	243.9603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26759	68111	Zinc	176.4093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26760	68111	Zinc	462.838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26762	68111	Zinc	345.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26763	68111	Zinc	661.1033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26764	68111	Zinc	305.486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26765	68111	Zinc	349.4787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26766	68111	Zinc	382.3108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26768	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26769	68111	Zinc	194.503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26770	68111	Zinc	269.797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26771	68111	Zinc	355.326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26772	68111	Zinc	293.0794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26773	68111	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26775	68111	Zinc	263.6649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26778	68111	Zinc	170.3484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26779	68111	Zinc	451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26780	68111	Zinc	250.1013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26781	68111	Zinc	441.5492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26782	68111	Zinc	267.1003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26783	68111	Zinc	274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26785	68111	Zinc	218.2749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26786	68111	Zinc	280.6817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26787	68111	Zinc	347.7788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26788	68111	Zinc	277.5934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26789	68111	Zinc	422.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26790	68111	Zinc	639.2004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26791	68111	Zinc	1922.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
26792	68111	Zinc	637.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26795	68111	Zinc	234.197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26796	68111	Zinc	362.9444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26797	68111	Zinc	208.0132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
26814	68111	Zinc	361.4937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26815	68111	Zinc	214.1008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26816	68111	Zinc	368.0708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26817	68111	Zinc	242.0557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26818	68111	Zinc	284.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26819	68111	Zinc	151.4003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26820	68111	Zinc	143.1233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26826	68111	Zinc	314.297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26827	68111	Zinc	2069.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
26828	68111	Zinc	231.7851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26829	68111	Zinc	199.7629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26830	68111	Zinc	239.7773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26833	68111	Zinc	199.8608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26834	68111	Zinc	464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26836	68111	Zinc	214.1631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26840	68111	Zinc	419.9133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26842	68111	Zinc	380.6732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26844	68111	Zinc	464.5735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26845	68111	Zinc	644.8519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26847	68111	Zinc	247.9386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26848	68111	Zinc	208.9121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26849	68111	Zinc	124.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
26850	68111	Zinc	206.518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26853	68111	Zinc	347.5474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26854	68111	Zinc	493.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26855	68111	Zinc	341.1127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26856	68111	Zinc	315.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26857	68111	Zinc	606.3772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26858	68111	Zinc	378.9555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26859	68111	Zinc	666.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26860	68111	Zinc	432.044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26861	68111	Zinc	341.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26864	68111	Zinc	561.3343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26865	68111	Zinc	422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26867	68111	Zinc	283.3517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26868	68111	Zinc	227.6288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26869	68111	Zinc	446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26870	68111	Zinc	456.2609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26872	68111	Zinc	972.719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26875	68111	Zinc	278.9373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26876	68111	Zinc	366.718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26877	68111	Zinc	627.1231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26881	68111	Zinc	276.294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26882	68111	Zinc	477.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26883	68111	Zinc	434.4114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26885	68111	Zinc	300.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26886	68111	Zinc	1285.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
26889	68111	Zinc	777.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26891	68111	Zinc	623.8835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
26892	68111	Zinc	189.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
26893	68111	Zinc	152.762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26894	68111	Zinc	169.2982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26896	68111	Zinc	159.5349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26897	68111	Zinc	118.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
26898	68111	Zinc	847.6206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
26899	68111	Zinc	417.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26900	68111	Zinc	325.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26902	68111	Zinc	380.7444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26903	68111	Zinc	528.1106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26904	68111	Zinc	332.7111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26905	68111	Zinc	212.0004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26907	68111	Zinc	359.9362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26910	68111	Zinc	1774.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
26911	68111	Zinc	203.759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
26912	68111	Zinc	472.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26913	68111	Zinc	321.0076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26915	68111	Zinc	174.1576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
26916	68111	Zinc	412.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26918	68111	Zinc	297.1467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26920	68111	Zinc	289.2524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26923	68111	Zinc	333.7791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26925	68111	Zinc	340.8012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26926	68111	Zinc	146.3362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26927	68111	Zinc	285.7903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26928	68111	Zinc	270.6425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26930	68111	Zinc	440.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26931	68111	Zinc	232.9777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26932	68111	Zinc	216.2813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26938	68111	Zinc	184.9622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26940	68111	Zinc	261.9383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26941	68111	Zinc	333.076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26942	68111	Zinc	360.7194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26943	68111	Zinc	359.2331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26944	68111	Zinc	362.446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26947	68111	Zinc	567.8758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26948	68111	Zinc	295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26949	68111	Zinc	289.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26950	68111	Zinc	331.118	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																			RME	RME	RME
26965	68111	Zinc	234.5886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26966	68111	Zinc	451.1612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26967	68111	Zinc	433.8774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26970	68111	Zinc	314.475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26971	68111	Zinc	160.7809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26972	68111	Zinc	155.2451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26973	68111	Zinc	215.4447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26976	68111	Zinc	790.1266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26977	68111	Zinc	290.4984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26978	68111	Zinc	346.5595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
26980	68111	Zinc	575.3429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
26981	68111	Zinc	213.2464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26982	68111	Zinc	316.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26983	68111	Zinc	181.9807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
26985	68111	Zinc	162.0803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
26987	68111	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26988	68111	Zinc	143.1767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
26991	68111	Zinc	493.1603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26992	68111	Zinc	217.4472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
26993	68111	Zinc	807.9177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
26994	68111	Zinc	361.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26996	68111	Zinc	508.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
26997	68111	Zinc	281.4204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
26999	68111	Zinc	342.9995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27000	68111	Zinc	270.8472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27001	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27002	68111	Zinc	339.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27003	68111	Zinc	315.8189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27004	68111	Zinc	210.879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27005	68111	Zinc	231.1176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27009	68111	Zinc	521.9162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27011	68111	Zinc	335.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27012	68111	Zinc	166.4591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27013	68111	Zinc	373.4553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27015	68111	Zinc	357.7201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27017	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27018	68111	Zinc	691.2031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27019	68111	Zinc	385.7907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27020	68111	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27022	68111	Zinc	474.2656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27024	68111	Zinc	249.3626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27025	68111	Zinc	159.1967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27026	68111	Zinc	118.0787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27028	68111	Zinc	205.1207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27029	68111	Zinc	116.6814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27031	68111	Zinc	134.4191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27032	68111	Zinc	529.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27033	68111	Zinc	174.4157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27037	68111	Zinc	150.181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27038	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27040	68111	Zinc	373.1883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27043	68111	Zinc	444.2014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27046	68111	Zinc	423.5089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27048	68111	Zinc	288.2022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27050	68111	Zinc	329.7385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27052	68111	Zinc	146.3273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27054	68111	Zinc	135.407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27058	68111	Zinc	479.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27060	68111	Zinc	302.4333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27062	68111	Zinc	280.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27066	68111	Zinc	172.9739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27068	68111	Zinc	261.7158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27070	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27071	68111	Zinc	174.3801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27072	68111	Zinc	138.1749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27073	68111	Zinc	395.5985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27074	68111	Zinc	164.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27075	68111	Zinc	534.1715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27077	68111	Zinc	351.4278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27079	68111	Zinc	125.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27080	68111	Zinc	267.7856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27082	68111	Zinc	422.432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27087	68111	Zinc	403.6085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27090	68111	Zinc	406.1895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27091	68111	Zinc	694.5317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27092	68111	Zinc	305.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27094	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27095	68111	Zinc	666.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27096	68111	Zinc	838.8986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27099	68111	Zinc	488.4789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27101	68111	Zinc	252.9671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27103	68111	Zinc	202.8245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27107	68111	Zinc	170.4819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27108	68111	Zinc	167.6339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27109	68111	Zinc	113.1926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27110	68111	Zinc	210.5141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27111	68111	Zinc	643.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27112	68111	Zinc	481.9819	3.00E-01	--	3.00E-01	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
27128	68111	Zinc	280.8686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27129	68111	Zinc	694.4605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27130	68111	Zinc	161.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27131	68111	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27132	68111	Zinc	322.3515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27134	68111	Zinc	370.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27135	68111	Zinc	144.3693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27136	68111	Zinc	299.9146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27137	68111	Zinc	332.2394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27138	68111	Zinc	272.4403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27139	68111	Zinc	199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27140	68111	Zinc	251.9258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27141	68111	Zinc	494.9225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27142	68111	Zinc	703.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27143	68111	Zinc	120.9445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27144	68111	Zinc	340.1515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27145	68111	Zinc	163.0059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27146	68111	Zinc	209.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27148	68111	Zinc	125.2699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27149	68111	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27150	68111	Zinc	121.5497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27151	68111	Zinc	177.2904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27152	68111	Zinc	327.5936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27153	68111	Zinc	214.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27155	68111	Zinc	167.7496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27156	68111	Zinc	777.5331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
27157	68111	Zinc	106.9537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27159	68111	Zinc	255.6816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27160	68111	Zinc	390.0182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27161	68111	Zinc	136.7331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27162	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27163	68111	Zinc	554.4279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27164	68111	Zinc	756.0663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27166	68111	Zinc	324.3807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27167	68111	Zinc	158.547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27168	68111	Zinc	144.7164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27169	68111	Zinc	478.9025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27170	68111	Zinc	172.075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27171	68111	Zinc	623.8657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27172	68111	Zinc	214.0207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27173	68111	Zinc	91.6991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27174	68111	Zinc	123.4632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27177	68111	Zinc	293.0883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27178	68111	Zinc	119.298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27179	68111	Zinc	418.8364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27180	68111	Zinc	576.1528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27182	68111	Zinc	848.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27184	68111	Zinc	257.1412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27185	68111	Zinc	285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27186	68111	Zinc	461.6899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27188	68111	Zinc	142.5804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27189	68111	Zinc	357.729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27190	68111	Zinc	408.7972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27191	68111	Zinc	309.9182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27193	68111	Zinc	180.1384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27195	68111	Zinc	321.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27197	68111	Zinc	634.8127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27198	68111	Zinc	590.3305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27199	68111	Zinc	106.749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27202	68111	Zinc	189.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27204	68111	Zinc	291.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27205	68111	Zinc	190.5692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27206	68111	Zinc	756.3422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27207	68111	Zinc	203.0559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27209	68111	Zinc	231.7139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27210	68111	Zinc	264.5015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27211	68111	Zinc	195.8291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27212	68111	Zinc	300.3151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27213	68111	Zinc	245.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27215	68111	Zinc	193.6575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27217	68111	Zinc	176.1067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27218	68111	Zinc	914.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27219	68111	Zinc	400.9919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27221	68111	Zinc	412.464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27222	68111	Zinc	331.0735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27223	68111	Zinc	268.8892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27224	68111	Zinc	294.1741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27225	68111	Zinc	122.1193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27226	68111	Zinc	124.8961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27227	68111	Zinc	346.6574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27229	68111	Zinc	203.1004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27230	68111	Zinc	307.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27231	68111	Zinc	112.8366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27234	68111	Zinc	288.7985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27236	68111	Zinc	257.4883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27239	68111	Zinc	320.8029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27240	68111	Zinc	138.8958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27244	68111	Zinc	126.1599	3.00E-01	--	3.00E-01	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
27258	68111	Zinc	153.7143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27259	68111	Zinc	242.1269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27260	68111	Zinc	164.8037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27262	68111	Zinc	268.818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27264	68111	Zinc	322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27265	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27266	68111	Zinc	307.5063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27268	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27269	68111	Zinc	854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27270	68111	Zinc	240.338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27272	68111	Zinc	474.7551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27273	68111	Zinc	408.7794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27274	68111	Zinc	493.7121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27275	68111	Zinc	420.3138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27276	68111	Zinc	583.9225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27277	68111	Zinc	272.1644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27278	68111	Zinc	655.9502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27280	68111	Zinc	154.3907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27283	68111	Zinc	213.1307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27286	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27288	68111	Zinc	391.5846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27289	68111	Zinc	207.0253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27292	68111	Zinc	276.9081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27293	68111	Zinc	403.6975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27297	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27298	68111	Zinc	277.8159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27299	68111	Zinc	135.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27300	68111	Zinc	224.1934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27302	68111	Zinc	125.0474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27303	68111	Zinc	177.3527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27305	68111	Zinc	331.6698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27306	68111	Zinc	285.4877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27307	68111	Zinc	266.4684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27308	68111	Zinc	158.0753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27310	68111	Zinc	361.2801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27312	68111	Zinc	386.1022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27315	68111	Zinc	931.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27316	68111	Zinc	293.8092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27317	68111	Zinc	798.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
27318	68111	Zinc	1958.394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
27322	68111	Zinc	99.5845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
27323	68111	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27324	68111	Zinc	1180	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
27325	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27326	68111	Zinc	145.8111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27328	68111	Zinc	190.6493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27329	68111	Zinc	258.138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27334	68111	Zinc	502.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27335	68111	Zinc	228.1005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27336	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27337	68111	Zinc	289.199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27338	68111	Zinc	284.2061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27340	68111	Zinc	255.2544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27341	68111	Zinc	272.6717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27342	68111	Zinc	460.4795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27344	68111	Zinc	295.1798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27345	68111	Zinc	177.8956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27346	68111	Zinc	261.9294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27347	68111	Zinc	300.9203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27349	68111	Zinc	473.0285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27351	68111	Zinc	345.5894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27353	68111	Zinc	98.5521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
27354	68111	Zinc	309.3308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27355	68111	Zinc	514.9564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27356	68111	Zinc	263.3267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27357	68111	Zinc	363.0423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27358	68111	Zinc	1123.663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
27359	68111	Zinc	178.8479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27360	68111	Zinc	399.8171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27362	68111	Zinc	164.5367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27363	68111	Zinc	214.8128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27364	68111	Zinc	459.1267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27366	68111	Zinc	224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27368	68111	Zinc	424.9774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27369	68111	Zinc	397.5031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27371	68111	Zinc	214.884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27375	68111	Zinc	499.4793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27376	68111	Zinc	331.7232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27377	68111	Zinc	143.773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27379	68111	Zinc	132.7726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27380	68111	Zinc	172.075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27383	68111	Zinc	128.198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27384	68111	Zinc	165.8272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27385	68111	Zinc	320.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27387	68111	Zinc	49.332875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27388	68111	Zinc	199.9854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27390	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27394	68111	Zinc	98.1516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
27412	68111	Zinc	315.1336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27413	68111	Zinc	362.9355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27414	68111	Zinc	214.884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27415	68111	Zinc	504.8193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27416	68111	Zinc	351.9885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27418	68111	Zinc	323.464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27419	68111	Zinc	385.0342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27422	68111	Zinc	447.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27423	68111	Zinc	400.7427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27424	68111	Zinc	282.0345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27425	68111	Zinc	237.045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27426	68111	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27428	68111	Zinc	249.6741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27429	68111	Zinc	188.5756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27432	68111	Zinc	460.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27433	68111	Zinc	485.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27434	68111	Zinc	562.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27440	68111	Zinc	191.7262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27441	68111	Zinc	887.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27442	68111	Zinc	444.6108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27443	68111	Zinc	224.763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27444	68111	Zinc	174.7005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27445	68111	Zinc	219.8413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27446	68111	Zinc	468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27447	68111	Zinc	209.3037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27448	68111	Zinc	189.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27449	68111	Zinc	563.6216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27450	68111	Zinc	150.9909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27451	68111	Zinc	170.9714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27452	68111	Zinc	375.5112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27453	68111	Zinc	170.3217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27454	68111	Zinc	161.9201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27456	68111	Zinc	38.88205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
27457	68111	Zinc	1578.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
27458	68111	Zinc	263.4958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27459	68111	Zinc	457.3734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27460	68111	Zinc	636.5927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27461	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27462	68111	Zinc	160.7542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27463	68111	Zinc	150.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27465	68111	Zinc	639.1915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27466	68111	Zinc	165.3021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27467	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27470	68111	Zinc	122.8847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27472	68111	Zinc	131.0905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27474	68111	Zinc	198.2143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27475	68111	Zinc	362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27478	68111	Zinc	161.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27479	68111	Zinc	271.3545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27480	68111	Zinc	340.3384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27481	68111	Zinc	348.6332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27485	68111	Zinc	459.2068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27488	68111	Zinc	200.1634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27489	68111	Zinc	543.116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27490	68111	Zinc	410.4704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27492	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27495	68111	Zinc	193.1502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27496	68111	Zinc	308.9481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27497	68111	Zinc	383.8683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27499	68111	Zinc	72.7668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
27500	68111	Zinc	486.9392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27502	68111	Zinc	215.9965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27503	68111	Zinc	287.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27505	68111	Zinc	159.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27508	68111	Zinc	313.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27509	68111	Zinc	346.1679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27510	68111	Zinc	150.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27511	68111	Zinc	238.5224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27512	68111	Zinc	435.6485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27513	68111	Zinc	90.7557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27514	68111	Zinc	106.2684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27515	68111	Zinc	139.323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27516	68111	Zinc	177.4506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27517	68111	Zinc	246.2209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27519	68111	Zinc	430.8603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27520	68111	Zinc	209.7487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27523	68111	Zinc	393.7918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27524	68111	Zinc	275.7155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27525	68111	Zinc	217.9723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27528	68111	Zinc	252.9493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27529	68111	Zinc	184.0188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27531	68111	Zinc	283.0758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27533	68111	Zinc	334.7492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27535	68111	Zinc	150.3323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27538	68111	Zinc	174.0063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27540	68111	Zinc	397.5743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27542	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27543	68111	Zinc	295.6782	3.00E-01	--	3.00E-01	--	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
27562	68111	Zinc	836.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27564	68111	Zinc	344.2989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27565	68111	Zinc	536.8415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27566	68111	Zinc	380.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27567	68111	Zinc	164.955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27568	68111	Zinc	621.7119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27569	68111	Zinc	288.6917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27574	68111	Zinc	318.3287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27576	68111	Zinc	489.2087	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27578	68111	Zinc	707.2676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27579	68111	Zinc	502.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27580	68111	Zinc	415.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27581	68111	Zinc	199.5671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27582	68111	Zinc	323.5619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27584	68111	Zinc	491.5583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27585	68111	Zinc	264.7507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27587	68111	Zinc	198.419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27590	68111	Zinc	364.315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27591	68111	Zinc	1040.003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
27593	68111	Zinc	133.5736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27594	68111	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27596	68111	Zinc	211.413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27597	68111	Zinc	299.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27598	68111	Zinc	178.0647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27599	68111	Zinc	330.4505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27600	68111	Zinc	313.0421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27601	68111	Zinc	244.5655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27604	68111	Zinc	205.1118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27606	68111	Zinc	254.7293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27607	68111	Zinc	288.0153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27608	68111	Zinc	344.5659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27609	68111	Zinc	148.4722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27611	68111	Zinc	181.064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27612	68111	Zinc	347.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27614	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27617	68111	Zinc	806.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
27618	68111	Zinc	170.4908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27619	68111	Zinc	1000.932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
27620	68111	Zinc	241.1301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27622	68111	Zinc	990.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
27625	68111	Zinc	301.0093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27626	68111	Zinc	883.1494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27629	68111	Zinc	217.4828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27630	68111	Zinc	662.4561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27632	68111	Zinc	490.8641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27633	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27636	68111	Zinc	261.2886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27638	68111	Zinc	118.3902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27641	68111	Zinc	209.3838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27642	68111	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27645	68111	Zinc	507.9788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27647	68111	Zinc	165.578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27657	68111	Zinc	145.6331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27658	68111	Zinc	192.6251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27659	68111	Zinc	283.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27662	68111	Zinc	327.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27663	68111	Zinc	236.7691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27665	68111	Zinc	210.6031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27668	68111	Zinc	403.7064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27669	68111	Zinc	556.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27670	68111	Zinc	242.5185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27671	68111	Zinc	1958.661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
27672	68111	Zinc	101.1865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
27673	68111	Zinc	199.8964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27674	68111	Zinc	213.282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27675	68111	Zinc	130.5031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27676	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27677	68111	Zinc	173.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27678	68111	Zinc	152.495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27679	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27681	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27682	68111	Zinc	153.563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27684	68111	Zinc	126.4447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27685	68111	Zinc	273.446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27686	68111	Zinc	162.1159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27687	68111	Zinc	499.9332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27688	68111	Zinc	1175.194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
27689	68111	Zinc	151.8364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27694	68111	Zinc	286.4044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27698	68111	Zinc	617.1729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27699	68111	Zinc	1138.526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
27700	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
27701	68111	Zinc	759.8221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27702	68111	Zinc	198.063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27705	68111	Zinc	777.5153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
27706	68111	Zinc	361.556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27707	68111	Zinc	545.3677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27708	68111	Zinc	312.4369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
27726	68111	Zinc	466.9943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27728	68111	Zinc	213.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27729	68111	Zinc	436.7076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27731	68111	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27732	68111	Zinc	171.0871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27733	68111	Zinc	755.3365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27734	68111	Zinc	120.1613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27736	68111	Zinc	438.2028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27738	68111	Zinc	254.1152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27739	68111	Zinc	198.0185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27740	68111	Zinc	336.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27742	68111	Zinc	373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27744	68111	Zinc	316.8068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27745	68111	Zinc	347.2537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27746	68111	Zinc	295.1264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27748	68111	Zinc	364.0035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27750	68111	Zinc	132.0606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27751	68111	Zinc	330.2102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27754	68111	Zinc	138.2639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27755	68111	Zinc	395.7587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27758	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27759	68111	Zinc	223.5704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27762	68111	Zinc	285.5767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27763	68111	Zinc	599.6488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27764	68111	Zinc	320.0464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27767	68111	Zinc	294.4233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27768	68111	Zinc	109.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27769	68111	Zinc	416.8339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27770	68111	Zinc	269.2808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27772	68111	Zinc	344.0141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27773	68111	Zinc	321.6751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27774	68111	Zinc	283.5564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27775	68111	Zinc	559.0381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27776	68111	Zinc	222.2977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27777	68111	Zinc	205.4678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27778	68111	Zinc	321.6484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27779	68111	Zinc	258.227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27780	68111	Zinc	741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27782	68111	Zinc	360.6838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27786	68111	Zinc	128.8299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27789	68111	Zinc	216.842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27792	68111	Zinc	365.6322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27793	68111	Zinc	983.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27794	68111	Zinc	559.7145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27795	68111	Zinc	344.6727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27798	68111	Zinc	143.8531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27803	68111	Zinc	147.9115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27805	68111	Zinc	398.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27806	68111	Zinc	204.6668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27807	68111	Zinc	233.0667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27809	68111	Zinc	203.9103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27810	68111	Zinc	547.655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27813	68111	Zinc	211.8135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27817	68111	Zinc	500.307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27824	68111	Zinc	89.305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27827	68111	Zinc	193.7643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27831	68111	Zinc	575.3162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27834	68111	Zinc	115.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27845	68111	Zinc	527.0604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27846	68111	Zinc	491.2735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27848	68111	Zinc	449.8974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27850	68111	Zinc	512.8115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27853	68111	Zinc	166.4769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27854	68111	Zinc	294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27856	68111	Zinc	183.378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27857	68111	Zinc	269.1829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27859	68111	Zinc	449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27861	68111	Zinc	315.899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27862	68111	Zinc	819.1673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
27863	68111	Zinc	425.636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27865	68111	Zinc	114.7768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27866	68111	Zinc	197.0217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27867	68111	Zinc	584.6345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27869	68111	Zinc	101.5603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
27871	68111	Zinc	270.1708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27872	68111	Zinc	220.7046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27874	68111	Zinc	340.0536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27875	68111	Zinc	427.8966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27876	68111	Zinc	114.8925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27878	68111	Zinc	135.585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27879	68111	Zinc	190.9608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27882	68111	Zinc	335.8439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27883	68111	Zinc	224.7897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27885	68111	Zinc	364.8401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27886	68111	Zinc	182.6393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27887	68111	Zinc	278.2431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27888	68111	Zinc	193.8889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
27891	68111	Zinc	556.6796	3.00E-01	--	3.00E-01	--	1

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
27904	68111	Zinc	122.5198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27906	68111	Zinc	134.0186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27908	68111	Zinc	144.0489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27909	68111	Zinc	367.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27910	68111	Zinc	301.3386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27911	68111	Zinc	102.2545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
27912	68111	Zinc	824.623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27913	68111	Zinc	315.9257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27915	68111	Zinc	123.2051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27916	68111	Zinc	398.6512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27918	68111	Zinc	548.9099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
27919	68111	Zinc	514.0486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27920	68111	Zinc	125.3322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27921	68111	Zinc	368.587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27922	68111	Zinc	238.4423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27923	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27924	68111	Zinc	146.8969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27926	68111	Zinc	263.122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27929	68111	Zinc	344.0497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
27930	68111	Zinc	617.5289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27931	68111	Zinc	207.4525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
27932	68111	Zinc	123.8459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
27938	68111	Zinc	267.0469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27939	68111	Zinc	217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
27940	68111	Zinc	815.0733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
27941	68111	Zinc	455.3442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27942	68111	Zinc	172.5912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27945	68111	Zinc	113.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
27946	68111	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27947	68111	Zinc	169.405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27948	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
27949	68111	Zinc	262.7126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27950	68111	Zinc	262.7571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27953	68111	Zinc	178.2605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
27954	68111	Zinc	262.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27960	68111	Zinc	146.888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
27962	68111	Zinc	595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
27969	68111	Zinc	284.749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27982	68111	Zinc	285.6212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27985	68111	Zinc	484.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27987	68111	Zinc	450.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27988	68111	Zinc	249.594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
27991	68111	Zinc	88.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
27994	68111	Zinc	172.431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
27996	68111	Zinc	384.7227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
27997	68111	Zinc	901.519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
27998	68111	Zinc	356.9547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28000	68111	Zinc	667.0574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28002	68111	Zinc	449.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28003	68111	Zinc	315.7655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28004	68111	Zinc	442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28005	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28007	68111	Zinc	212.6501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28009	68111	Zinc	629.1612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28010	68111	Zinc	589.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28011	68111	Zinc	394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28014	68111	Zinc	198.4635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28015	68111	Zinc	445.305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28016	68111	Zinc	326.8905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28018	68111	Zinc	615.1526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28019	68111	Zinc	180	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28020	68111	Zinc	559.0737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28022	68111	Zinc	119.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28023	68111	Zinc	918.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28024	68111	Zinc	229.7559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28025	68111	Zinc	541.4695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28026	68111	Zinc	331.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28027	68111	Zinc	427.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28028	68111	Zinc	377.4247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28029	68111	Zinc	497.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28032	68111	Zinc	98.5254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28033	68111	Zinc	526.2327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28034	68111	Zinc	202.5041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28035	68111	Zinc	291.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28036	68111	Zinc	279.6315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28037	68111	Zinc	608.7268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28038	68111	Zinc	113.6198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28042	68111	Zinc	198.6593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28043	68111	Zinc	120.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28044	68111	Zinc	396.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28045	68111	Zinc	271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28046	68111	Zinc	206.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28047	68111	Zinc	159.7574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28048	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28049	68111	Zinc	201.8811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28050	68111	Zinc	503.1105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28051	68111	Zinc	151.0977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28054	68111	Zinc	470.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
28072	68111	Zinc	268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28076	68111	Zinc	380.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28078	68111	Zinc	198.1609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28079	68111	Zinc	123.6234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28082	68111	Zinc	283.8768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28083	68111	Zinc	1143.421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
28094	68111	Zinc	210.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28096	68111	Zinc	472.4055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28097	68111	Zinc	500.9834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28099	68111	Zinc	239.1187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28100	68111	Zinc	213.7804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28102	68111	Zinc	128.0467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28103	68111	Zinc	255.9397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28104	68111	Zinc	273.4549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28105	68111	Zinc	255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28107	68111	Zinc	269.4677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28108	68111	Zinc	265.1512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28109	68111	Zinc	736.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28110	68111	Zinc	591.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28111	68111	Zinc	580.3091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28112	68111	Zinc	124.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28114	68111	Zinc	232.9065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28119	68111	Zinc	207.0609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28121	68111	Zinc	222.9029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28122	68111	Zinc	462.1349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28125	68111	Zinc	274.247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28126	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28128	68111	Zinc	284.8825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28129	68111	Zinc	144.1913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28131	68111	Zinc	1025.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
28133	68111	Zinc	226.5964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28135	68111	Zinc	296.8263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28138	68111	Zinc	1085.571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
28139	68111	Zinc	116.3343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28140	68111	Zinc	102.7796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
28141	68111	Zinc	329.5961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28142	68111	Zinc	235.3095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28143	68111	Zinc	789.3879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
28144	68111	Zinc	648.4297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28146	68111	Zinc	204.4532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28147	68111	Zinc	299.1581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28148	68111	Zinc	151.6228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28149	68111	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28153	68111	Zinc	185.1224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28154	68111	Zinc	172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28156	68111	Zinc	222.6626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28157	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28159	68111	Zinc	112.5429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28160	68111	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28162	68111	Zinc	202.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28169	68111	Zinc	209.1969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28170	68111	Zinc	413.6121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28172	68111	Zinc	227.0058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28174	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28176	68111	Zinc	1014.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
28177	68111	Zinc	323.197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28179	68111	Zinc	114.5988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28181	68111	Zinc	166.7261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28182	68111	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28185	68111	Zinc	185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28186	68111	Zinc	132.4522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28187	68111	Zinc	882.829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28188	68111	Zinc	412.4106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28190	68111	Zinc	535.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28191	68111	Zinc	349.5321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28193	68111	Zinc	458.9576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28196	68111	Zinc	270.9184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28197	68111	Zinc	538.9864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28202	68111	Zinc	1224.144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
28204	68111	Zinc	595.6616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28206	68111	Zinc	819.7458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
28212	68111	Zinc	344.0853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28216	68111	Zinc	352.9853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28217	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28218	68111	Zinc	614.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28219	68111	Zinc	389.7512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28220	68111	Zinc	530.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28222	68111	Zinc	494.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28223	68111	Zinc	313.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28227	68111	Zinc	264.8041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28228	68111	Zinc	372.948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28236	68111	Zinc	522.1921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28237	68111	Zinc	315.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28241	68111	Zinc	465.2944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28247	68111	Zinc	232.3992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28254	68111	Zinc	538.1231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28269	68111	Zinc	251.285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28270	68111	Zinc	699.8361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
28288	68111	Zinc	181.1174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28289	68111	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28291	68111	Zinc	288.7718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28294	68111	Zinc	188.1751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28295	68111	Zinc	745.0392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28296	68111	Zinc	576.5622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28297	68111	Zinc	198.7216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28299	68111	Zinc	293.3286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28300	68111	Zinc	539.556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28301	68111	Zinc	420.0201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28302	68111	Zinc	119.2802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28303	68111	Zinc	368.854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28305	68111	Zinc	138.166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28307	68111	Zinc	699.9607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28308	68111	Zinc	313.3002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28310	68111	Zinc	159.6684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28311	68111	Zinc	210.6476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28312	68111	Zinc	483.7886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28313	68111	Zinc	360.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28314	68111	Zinc	303.5636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28315	68111	Zinc	190.8006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28316	68111	Zinc	304.2133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28317	68111	Zinc	154.4352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28318	68111	Zinc	380.513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28319	68111	Zinc	205.3254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28320	68111	Zinc	159.7485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28321	68111	Zinc	169.2537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28322	68111	Zinc	174.0953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28324	68111	Zinc	304.863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28327	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28329	68111	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28330	68111	Zinc	253.866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28331	68111	Zinc	534.0647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28333	68111	Zinc	312.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28338	68111	Zinc	267.1181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28344	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28346	68111	Zinc	473.2065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28348	68111	Zinc	608.0593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28353	68111	Zinc	453.404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28356	68111	Zinc	277.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28359	68111	Zinc	199.5048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28361	68111	Zinc	385.8619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28364	68111	Zinc	482.8007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28366	68111	Zinc	185.8878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28367	68111	Zinc	219.067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28368	68111	Zinc	181.7226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28371	68111	Zinc	223.8908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28372	68111	Zinc	227.9759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28373	68111	Zinc	611.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28375	68111	Zinc	320.0375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28377	68111	Zinc	431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28379	68111	Zinc	385.0609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28382	68111	Zinc	457.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28383	68111	Zinc	387.5529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28384	68111	Zinc	345.2245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28385	68111	Zinc	247.9475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28386	68111	Zinc	202.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28389	68111	Zinc	320.5537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28390	68111	Zinc	325.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28395	68111	Zinc	103.0021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
28397	68111	Zinc	470.0559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28398	68111	Zinc	347.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28402	68111	Zinc	169.1113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28406	68111	Zinc	149.2287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28407	68111	Zinc	116.717	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28408	68111	Zinc	513.9062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28411	68111	Zinc	471.4176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28412	68111	Zinc	169.1024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28413	68111	Zinc	306.1179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28416	68111	Zinc	428.0657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28417	68111	Zinc	370	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28419	68111	Zinc	206.7494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28420	68111	Zinc	370.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28422	68111	Zinc	203.3763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28423	68111	Zinc	282.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28424	68111	Zinc	678.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28426	68111	Zinc	349.2918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28427	68111	Zinc	139.8926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28429	68111	Zinc	179.2039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28430	68111	Zinc	431.8927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28432	68111	Zinc	270.0996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28434	68111	Zinc	213.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28435	68111	Zinc	304.0264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28436	68111	Zinc	171.7724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28437	68111	Zinc	262.4011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28448	68111	Zinc	435.9155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28457	68111	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28462	68111	Zinc	714.619	3.00E-01	--	3.00E-01	--	1.28E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
28495	68111	Zinc	365.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28497	68111	Zinc	159.1878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28499	68111	Zinc	341.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28500	68111	Zinc	224.5138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28503	68111	Zinc	346.248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28504	68111	Zinc	362.9622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28505	68111	Zinc	295.1264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28506	68111	Zinc	270.5268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28507	68111	Zinc	171.5499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28508	68111	Zinc	588.4348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28510	68111	Zinc	592.8759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28512	68111	Zinc	350.1284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28515	68111	Zinc	423.8649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28517	68111	Zinc	216.4148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28518	68111	Zinc	161.6709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28519	68111	Zinc	216.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28521	68111	Zinc	352.5937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28528	68111	Zinc	248.1611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28529	68111	Zinc	340.8101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28531	68111	Zinc	401.8997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28533	68111	Zinc	252.8514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28534	68111	Zinc	218.1414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28535	68111	Zinc	520.8393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28536	68111	Zinc	211.5999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28537	68111	Zinc	451.9444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28538	68111	Zinc	160.416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28539	68111	Zinc	686.6196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28540	68111	Zinc	263.8429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28541	68111	Zinc	138.9314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28542	68111	Zinc	300.3952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28543	68111	Zinc	210.2916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28544	68111	Zinc	328.1988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28547	68111	Zinc	144.3871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28549	68111	Zinc	298.1346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28551	68111	Zinc	103.3403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
28552	68111	Zinc	281.0555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28553	68111	Zinc	399.7459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28554	68111	Zinc	466.1132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28555	68111	Zinc	172.8582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28556	68111	Zinc	107.8526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28557	68111	Zinc	126.3201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28558	68111	Zinc	178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28559	68111	Zinc	153.8122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28560	68111	Zinc	141.5658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28561	68111	Zinc	133.2087	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28563	68111	Zinc	447.5567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28565	68111	Zinc	272.8764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28568	68111	Zinc	200.1278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28569	68111	Zinc	348.6955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28570	68111	Zinc	99.5934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
28571	68111	Zinc	218.8979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28573	68111	Zinc	222.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28575	68111	Zinc	265.9789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28581	68111	Zinc	123.3564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28583	68111	Zinc	498.8118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28586	68111	Zinc	226.721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28587	68111	Zinc	362.3748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28589	68111	Zinc	194.8323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28594	68111	Zinc	467.4037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28597	68111	Zinc	551.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28598	68111	Zinc	177.504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28599	68111	Zinc	289.2524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28601	68111	Zinc	457.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28602	68111	Zinc	181.9896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28604	68111	Zinc	248.4904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28606	68111	Zinc	658.1663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28607	68111	Zinc	361.6895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28608	68111	Zinc	414.2262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28609	68111	Zinc	423.6958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28610	68111	Zinc	251.8546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28611	68111	Zinc	247.2533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28612	68111	Zinc	669.7808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28613	68111	Zinc	203.403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28614	68111	Zinc	274.158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28615	68111	Zinc	360.6927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28616	68111	Zinc	281.5806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28618	68111	Zinc	287.2766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28621	68111	Zinc	216.7174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28622	68111	Zinc	237.5434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28623	68111	Zinc	417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28625	68111	Zinc	273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28626	68111	Zinc	399.8082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28627	68111	Zinc	318.0617	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28628	68111	Zinc	235.2561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28629	68111	Zinc	391.4689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28630	68111	Zinc	509.7143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28631	68111	Zinc	270.7849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28632	68111	Zinc	346.6396	3.00E-01	--	3.00E-01

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
28655	68111	Zinc	344.0586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28656	68111	Zinc	207.4881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28659	68111	Zinc	144.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28661	68111	Zinc	215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28665	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28668	68111	Zinc	228.8481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28671	68111	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28675	68111	Zinc	285.6746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28677	68111	Zinc	412.3483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28679	68111	Zinc	169.4406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28685	68111	Zinc	273.2235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28688	68111	Zinc	282.0968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28690	68111	Zinc	127.4949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28691	68111	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28692	68111	Zinc	208.4137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28694	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28709	68111	Zinc	404.9524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28712	68111	Zinc	741.0253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28713	68111	Zinc	200	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28716	68111	Zinc	299.5052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28720	68111	Zinc	799.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
28722	68111	Zinc	215.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28723	68111	Zinc	463.6924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28725	68111	Zinc	221.9328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28728	68111	Zinc	144.0044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28730	68111	Zinc	222.2443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28732	68111	Zinc	228.7324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28735	68111	Zinc	392.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28736	68111	Zinc	269.441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28737	68111	Zinc	358.886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28739	68111	Zinc	198.4368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28741	68111	Zinc	208.5116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28744	68111	Zinc	191.2545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28745	68111	Zinc	126.9876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
28746	68111	Zinc	205.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28747	68111	Zinc	207.1944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28748	68111	Zinc	163.9849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28749	68111	Zinc	283.8145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28750	68111	Zinc	295.1976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28752	68111	Zinc	287.0541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28753	68111	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28755	68111	Zinc	505.0329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28757	68111	Zinc	422.5922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28758	68111	Zinc	287.8284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28759	68111	Zinc	103.6429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
28760	68111	Zinc	404.0535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28762	68111	Zinc	257.8799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28763	68111	Zinc	85.6738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
28764	68111	Zinc	267.1537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28766	68111	Zinc	290.3382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28767	68111	Zinc	159.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28770	68111	Zinc	337.3569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28772	68111	Zinc	226.7566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28773	68111	Zinc	247.1821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28775	68111	Zinc	184.2591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28776	68111	Zinc	208.5561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28777	68111	Zinc	216.7886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28778	68111	Zinc	207.5148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28781	68111	Zinc	937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28782	68111	Zinc	277.5489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28784	68111	Zinc	111.733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28785	68111	Zinc	357.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28786	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28787	68111	Zinc	534.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28790	68111	Zinc	262.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28792	68111	Zinc	227.433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28793	68111	Zinc	251.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28796	68111	Zinc	368.7917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28798	68111	Zinc	360.3011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28799	68111	Zinc	364.1459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28800	68111	Zinc	238.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28804	68111	Zinc	384.5358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28806	68111	Zinc	399.1496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28809	68111	Zinc	284.4464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28810	68111	Zinc	318.3376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28811	68111	Zinc	292.6077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28814	68111	Zinc	196.5589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28816	68111	Zinc	154.9781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28818	68111	Zinc	266.1124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28819	68111	Zinc	238.9674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28821	68111	Zinc	129.1681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
28822	68111	Zinc	191.4681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28825	68111	Zinc	254.5691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28826	68111	Zinc	252.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28829	68111	Zinc	344.0586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28831	68111	Zinc	381.6166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28834	68111	Zinc	197.974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28835	68111	Zinc	325.1461	3.00E-01	--	3.00E-01	--	1.28E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
28853	68111	Zinc	191.3524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28854	68111	Zinc	175.7329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28856	68111	Zinc	309.7224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28858	68111	Zinc	109.9174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
28864	68111	Zinc	218.8089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28870	68111	Zinc	220.9271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28871	68111	Zinc	315.1336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28872	68111	Zinc	268.0081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28874	68111	Zinc	197.9562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28875	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28877	68111	Zinc	417.1454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28878	68111	Zinc	166.6638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28880	68111	Zinc	200.5461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28881	68111	Zinc	956.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
28882	68111	Zinc	244.0493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28884	68111	Zinc	220.9983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28885	68111	Zinc	174.9675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28889	68111	Zinc	177.3705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
28892	68111	Zinc	419.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28893	68111	Zinc	362.8287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28895	68111	Zinc	167.1266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
28896	68111	Zinc	519.2106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28900	68111	Zinc	315.5786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28901	68111	Zinc	344.8151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28904	68111	Zinc	285.2207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28909	68111	Zinc	252.0593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28911	68111	Zinc	234.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28913	68111	Zinc	328.8396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28914	68111	Zinc	231.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28917	68111	Zinc	260.6656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28920	68111	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28922	68111	Zinc	196.2919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28927	68111	Zinc	365.9971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28928	68111	Zinc	299.7544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28930	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28933	68111	Zinc	241.1657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28935	68111	Zinc	234.0813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28936	68111	Zinc	244.8236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28939	68111	Zinc	262.4367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28942	68111	Zinc	393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28943	68111	Zinc	330.9222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28945	68111	Zinc	481.1097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28946	68111	Zinc	522.1031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28947	68111	Zinc	391.6024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28949	68111	Zinc	666.2297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28950	68111	Zinc	196.5945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28951	68111	Zinc	215.6939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28954	68111	Zinc	162.997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28955	68111	Zinc	448.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28956	68111	Zinc	271.1587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28957	68111	Zinc	313.6028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28958	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28959	68111	Zinc	586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
28960	68111	Zinc	288.7362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28961	68111	Zinc	201.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28963	68111	Zinc	253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28964	68111	Zinc	222.1019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28965	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28966	68111	Zinc	361.2623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28967	68111	Zinc	299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28968	68111	Zinc	154.453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28969	68111	Zinc	1510.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
28970	68111	Zinc	198.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28972	68111	Zinc	354.6674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28973	68111	Zinc	650.0228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
28976	68111	Zinc	331.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
28978	68111	Zinc	201.8811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
28979	68111	Zinc	228.6345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28980	68111	Zinc	394.2635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28983	68111	Zinc	151.1333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28984	68111	Zinc	288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28985	68111	Zinc	143.773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
28988	68111	Zinc	190.4446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28989	68111	Zinc	159.7307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28991	68111	Zinc	272.6539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
28992	68111	Zinc	219.0314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28993	68111	Zinc	193.5329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
28994	68111	Zinc	222.2977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
28996	68111	Zinc	431.5456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
28997	68111	Zinc	157.2921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
28998	68111	Zinc	255.9219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29001	68111	Zinc	358.5745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29002	68111	Zinc	164.9194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29003	68111	Zinc	191.9398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29004	68111	Zinc	175.813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29008	68111	Zinc	434.7585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29009	68111	Zinc	334.5801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29013	68111	Zinc	189.3766	3.00E-01	--	3.00E-01	--	1.28E-

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																			RME	RME	RME
29039	68111	Zinc	319.8417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29041	68111	Zinc	299.5141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29046	68111	Zinc	158.5381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29054	68111	Zinc	518.3117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29056	68111	Zinc	192.6963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29061	68111	Zinc	299.2916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29066	68111	Zinc	444.3883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29070	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29071	68111	Zinc	514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29072	68111	Zinc	329.4626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29074	68111	Zinc	743.1346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29079	68111	Zinc	219.7612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29080	68111	Zinc	246.0785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29082	68111	Zinc	213.9406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29083	68111	Zinc	276.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29085	68111	Zinc	175.0832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29088	68111	Zinc	211.6355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29089	68111	Zinc	283.1381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29090	68111	Zinc	795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29099	68111	Zinc	213.1396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29101	68111	Zinc	487.6868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29102	68111	Zinc	209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29103	68111	Zinc	566.7277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29105	68111	Zinc	524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29108	68111	Zinc	162.2494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29109	68111	Zinc	177.2014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29111	68111	Zinc	226.9346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29114	68111	Zinc	355.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29116	68111	Zinc	635.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29118	68111	Zinc	220.5533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29119	68111	Zinc	298.4283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29122	68111	Zinc	1325.782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
29123	68111	Zinc	208.4938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29127	68111	Zinc	394.4237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29128	68111	Zinc	329.9699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29133	68111	Zinc	534.4919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29136	68111	Zinc	245.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29138	68111	Zinc	310.7459	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29139	68111	Zinc	173.6325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29140	68111	Zinc	455.1217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29142	68111	Zinc	250.1903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29143	68111	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29144	68111	Zinc	151.783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29145	68111	Zinc	156.3042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29146	68111	Zinc	229.302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29149	68111	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29150	68111	Zinc	332.7467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29152	68111	Zinc	357.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29153	68111	Zinc	466.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29155	68111	Zinc	185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29157	68111	Zinc	209.8822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29160	68111	Zinc	133.6804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29162	68111	Zinc	437.4819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29163	68111	Zinc	420.5274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29165	68111	Zinc	663.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29167	68111	Zinc	915.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29168	68111	Zinc	141.3255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29169	68111	Zinc	777.8001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29171	68111	Zinc	168.2124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29172	68111	Zinc	267.1982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29173	68111	Zinc	176.7386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29174	68111	Zinc	214.1097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29175	68111	Zinc	255.824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29176	68111	Zinc	151.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29177	68111	Zinc	556.1011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29178	68111	Zinc	383.9128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29179	68111	Zinc	126.329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29180	68111	Zinc	187.4275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29181	68111	Zinc	638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29182	68111	Zinc	413.1938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29183	68111	Zinc	215.0531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29184	68111	Zinc	234.9891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29185	68111	Zinc	580.2023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29186	68111	Zinc	310.5323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29187	68111	Zinc	155.9838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29189	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29190	68111	Zinc	792.3872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29191	68111	Zinc	174.1843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29195	68111	Zinc	149.1931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29198	68111	Zinc	252.8781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29200	68111	Zinc	1533.063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
29201	68111	Zinc	236.066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29204	68111	Zinc	302.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29205	68111	Zinc	1594.651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
29206	68111	Zinc	307.2037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29208	68111	Zinc	184.0277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29209	68111	Zinc	272.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29211	68111	Zinc	121.4073	3.00E-01	--	3.00E-01	--	1.28E-05	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
29242	68111	Zinc	474.8708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29243	68111	Zinc	130.4675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29244	68111	Zinc	231.4291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29245	68111	Zinc	542.7422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29246	68111	Zinc	259.4908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29247	68111	Zinc	153.5274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29248	68111	Zinc	291.1214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29250	68111	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29251	68111	Zinc	469.1214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29252	68111	Zinc	249.0244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29253	68111	Zinc	504.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29254	68111	Zinc	168.4171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29255	68111	Zinc	213.8249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29258	68111	Zinc	253.8482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29259	68111	Zinc	308.0136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29261	68111	Zinc	192.1178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29262	68111	Zinc	156.1529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29263	68111	Zinc	205.3877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29264	68111	Zinc	214.4924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29265	68111	Zinc	185.1491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29268	68111	Zinc	307.3817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29270	68111	Zinc	280.6817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29272	68111	Zinc	174.7183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29274	68111	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29279	68111	Zinc	175.9198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29280	68111	Zinc	312.3568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29281	68111	Zinc	530.7005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29285	68111	Zinc	232.5505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29286	68111	Zinc	165.3377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29291	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29293	68111	Zinc	793.8201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29294	68111	Zinc	171.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29299	68111	Zinc	138.0681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29300	68111	Zinc	169.3071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29301	68111	Zinc	240.9788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29302	68111	Zinc	338.9589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29304	68111	Zinc	154.9603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29306	68111	Zinc	175.9643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29308	68111	Zinc	290.4005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29309	68111	Zinc	322.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29311	68111	Zinc	451.9088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29313	68111	Zinc	279.0797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29314	68111	Zinc	661.5572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29316	68111	Zinc	228.0115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29317	68111	Zinc	383.0584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29318	68111	Zinc	152.4772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29321	68111	Zinc	340.1248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29322	68111	Zinc	263.6471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29325	68111	Zinc	328.5103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29328	68111	Zinc	238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29331	68111	Zinc	242.4562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29333	68111	Zinc	155.6367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29334	68111	Zinc	150.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29335	68111	Zinc	263.0597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29336	68111	Zinc	190.7116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29337	68111	Zinc	283.9302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29339	68111	Zinc	348.473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29342	68111	Zinc	333.3341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29343	68111	Zinc	286.4222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29344	68111	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29349	68111	Zinc	292.7234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29351	68111	Zinc	224.6562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29354	68111	Zinc	304.2044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29355	68111	Zinc	216.6551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29357	68111	Zinc	187.4987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29358	68111	Zinc	278.9818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29362	68111	Zinc	281.1089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29364	68111	Zinc	361.2623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29366	68111	Zinc	132.2386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29368	68111	Zinc	283.592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29370	68111	Zinc	134.6772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29373	68111	Zinc	137.9435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29375	68111	Zinc	155.343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29377	68111	Zinc	262.0273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29378	68111	Zinc	114.7946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29379	68111	Zinc	152.4416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29380	68111	Zinc	334.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29381	68111	Zinc	169.8767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29383	68111	Zinc	147.9471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29384	68111	Zinc	141.5658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29385	68111	Zinc	301.8815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29386	68111	Zinc	149.3711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29391	68111	Zinc	223.8552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29394	68111	Zinc	251.7745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29395	68111	Zinc	252.1483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29396	68111	Zinc	187.0092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29397	68111	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29400	68111	Zinc	394.3258	3.00E-01	--	3

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
29416	68111	Zinc	138.2995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29417	68111	Zinc	144.8143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29418	68111	Zinc	365.0448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29419	68111	Zinc	1059.494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29420	68111	Zinc	233.6096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29425	68111	Zinc	312.3479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29428	68111	Zinc	140.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29429	68111	Zinc	464.796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29430	68111	Zinc	185.3093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29431	68111	Zinc	538.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29432	68111	Zinc	261.6713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29433	68111	Zinc	278.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29434	68111	Zinc	257.3192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29436	68111	Zinc	226.3116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29438	68111	Zinc	628.9298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29440	68111	Zinc	519.9849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29441	68111	Zinc	826.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29442	68111	Zinc	153.6075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29444	68111	Zinc	125.4657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29445	68111	Zinc	294.5123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29446	68111	Zinc	261.4399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29449	68111	Zinc	643.3745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29450	68111	Zinc	127.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29451	68111	Zinc	264.012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29454	68111	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29455	68111	Zinc	420.6876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29456	68111	Zinc	332.5242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29457	68111	Zinc	342.3587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29459	68111	Zinc	571.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29460	68111	Zinc	320.6427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29461	68111	Zinc	849.3294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29462	68111	Zinc	215.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29463	68111	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29464	68111	Zinc	383.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29465	68111	Zinc	877.3555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29466	68111	Zinc	459.4738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29467	68111	Zinc	338.3626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29469	68111	Zinc	494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29470	68111	Zinc	1086.105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29471	68111	Zinc	1004.759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
29472	68111	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29475	68111	Zinc	350.7692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29477	68111	Zinc	428.306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29479	68111	Zinc	204.8181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29480	68111	Zinc	165.6759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29483	68111	Zinc	438.452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29484	68111	Zinc	524.3993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29487	68111	Zinc	316.9047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29488	68111	Zinc	480.8516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29489	68111	Zinc	202.5308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29490	68111	Zinc	549.3727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
29491	68111	Zinc	397.0492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29492	68111	Zinc	269.5834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29495	68111	Zinc	668.428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29497	68111	Zinc	173.0273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29498	68111	Zinc	229.2308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29499	68111	Zinc	188.3086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29501	68111	Zinc	832.4995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29502	68111	Zinc	361.3424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29504	68111	Zinc	223.6238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29507	68111	Zinc	229.1151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29512	68111	Zinc	246.924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29514	68111	Zinc	293.8003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29517	68111	Zinc	719.6386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29520	68111	Zinc	401.1966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29523	68111	Zinc	297.3336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29525	68111	Zinc	333.788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29526	68111	Zinc	441.9853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29531	68111	Zinc	251.1515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29535	68111	Zinc	317.7858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29537	68111	Zinc	240.9254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29540	68111	Zinc	449.2922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29541	68111	Zinc	323.6598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29543	68111	Zinc	265.7119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29546	68111	Zinc	306.554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29547	68111	Zinc	351.1074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29548	68111	Zinc	202.5842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29551	68111	Zinc	658.8516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29552	68111	Zinc	369.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29555	68111	Zinc	175.0743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29556	68111	Zinc	375.4756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29557	68111	Zinc	243.8535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29558	68111	Zinc	267.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29559	68111	Zinc	1145.735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
29560	68111	Zinc	366.6824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29561	68111	Zinc	166.2811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29562	68111	Zinc	291.691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29563	68111	Zinc	225.0478	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	NONCANCER HQ-child	NONCANCER HQ-adult
29577	68111	Zinc	324.0336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29578	68111	Zinc	373.6511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29579	68111	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29580	68111	Zinc	681.9293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29582	68111	Zinc	120.0456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
29583	68111	Zinc	460.6041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29588	68111	Zinc	179.0348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29589	68111	Zinc	726.4738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29592	68111	Zinc	246.9062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29594	68111	Zinc	122.8313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29596	68111	Zinc	535.4798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29597	68111	Zinc	625.3431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29598	68111	Zinc	232.8442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29600	68111	Zinc	304.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29602	68111	Zinc	275.9113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29604	68111	Zinc	484.2247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29606	68111	Zinc	265.8098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29607	68111	Zinc	317.8926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29608	68111	Zinc	380.6109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29612	68111	Zinc	443.1245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29613	68111	Zinc	288.1933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29615	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29616	68111	Zinc	253.332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29617	68111	Zinc	264.2256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29618	68111	Zinc	200.6262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29620	68111	Zinc	787.5812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
29622	68111	Zinc	358.263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29623	68111	Zinc	275.582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29624	68111	Zinc	485.5953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29625	68111	Zinc	296.4792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29626	68111	Zinc	231.7673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29627	68111	Zinc	594.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29630	68111	Zinc	209.6597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29631	68111	Zinc	275.8579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29632	68111	Zinc	378.8309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29633	68111	Zinc	692.8318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29638	68111	Zinc	369.7796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29641	68111	Zinc	329.3469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29643	68111	Zinc	349.2206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29644	68111	Zinc	221.3187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29646	68111	Zinc	162.5609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29648	68111	Zinc	360.755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29649	68111	Zinc	514.725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29650	68111	Zinc	442.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29652	68111	Zinc	191.2812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29654	68111	Zinc	432.8539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29655	68111	Zinc	411.0311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29656	68111	Zinc	319.8239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29658	68111	Zinc	349.1138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29660	68111	Zinc	477.5853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29661	68111	Zinc	258.1113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29662	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29664	68111	Zinc	543.4008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29666	68111	Zinc	182.3634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29667	68111	Zinc	95.5973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
29668	68111	Zinc	198.4101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29670	68111	Zinc	130.9481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29671	68111	Zinc	314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29672	68111	Zinc	339.1903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29673	68111	Zinc	468.4984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29675	68111	Zinc	269.174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29677	68111	Zinc	228.857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29678	68111	Zinc	433.6015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29680	68111	Zinc	320.0286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29682	68111	Zinc	364.4663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29683	68111	Zinc	191.0765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29684	68111	Zinc	336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29688	68111	Zinc	324.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29689	68111	Zinc	386.1734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29690	68111	Zinc	367.1363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29694	68111	Zinc	223.4903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29695	68111	Zinc	210.5942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29697	68111	Zinc	423.2152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29699	68111	Zinc	337.8464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29700	68111	Zinc	249.861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29703	68111	Zinc	339.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29704	68111	Zinc	151.2401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29705	68111	Zinc	216.2724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29706	68111	Zinc	386.1289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29707	68111	Zinc	408.2454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29709	68111	Zinc	690.7492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29710	68111	Zinc	393.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29712	68111	Zinc	318.302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29713	68111	Zinc	532.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29714	68111	Zinc	413.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29715	68111	Zinc	329.6762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29717	68111	Zinc	616.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29720	68111	Zinc	279.4357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
29760	68111	Zinc	205.806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29764	68111	Zinc	447.8059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29769	68111	Zinc	282.8266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29770	68111	Zinc	393.3557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29771	68111	Zinc	1206.166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
29772	68111	Zinc	277.2819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29775	68111	Zinc	208.7341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29777	68111	Zinc	323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29779	68111	Zinc	519.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29780	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29781	68111	Zinc	209.7309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29783	68111	Zinc	237.2141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29784	68111	Zinc	215.4536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29785	68111	Zinc	290.9612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29787	68111	Zinc	184.3392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29788	68111	Zinc	275.7333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29790	68111	Zinc	316.166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29791	68111	Zinc	163.5043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29792	68111	Zinc	329.4715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29793	68111	Zinc	643.8907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29794	68111	Zinc	248.348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29797	68111	Zinc	439.6179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29798	68111	Zinc	223.5081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29800	68111	Zinc	241.228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29801	68111	Zinc	526.4018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29803	68111	Zinc	150.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29804	68111	Zinc	203.7234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29806	68111	Zinc	145.642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29807	68111	Zinc	352.0775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29808	68111	Zinc	294.0762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29809	68111	Zinc	228.7591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29811	68111	Zinc	201.8544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
29814	68111	Zinc	217.554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29815	68111	Zinc	294.9039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29816	68111	Zinc	212.8726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29817	68111	Zinc	702.337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29818	68111	Zinc	169.7432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29819	68111	Zinc	195.4553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29820	68111	Zinc	312.7306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29821	68111	Zinc	306.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29823	68111	Zinc	196.2029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29824	68111	Zinc	179.5599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29825	68111	Zinc	380.8601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29826	68111	Zinc	342.1896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29827	68111	Zinc	1214.443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
29829	68111	Zinc	295.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29831	68111	Zinc	335.924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29832	68111	Zinc	360.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29835	68111	Zinc	247.8407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29837	68111	Zinc	157.3366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29839	68111	Zinc	150.4302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29840	68111	Zinc	131.8203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29842	68111	Zinc	237.9973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29845	68111	Zinc	437.6599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29848	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29849	68111	Zinc	258.1202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29851	68111	Zinc	737.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29855	68111	Zinc	398.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29857	68111	Zinc	167.3135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29859	68111	Zinc	169.5118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29860	68111	Zinc	194.5386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29861	68111	Zinc	309.0549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29864	68111	Zinc	320.3935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29867	68111	Zinc	169.0668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29871	68111	Zinc	142.8741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29881	68111	Zinc	1422.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
29889	68111	Zinc	652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
29890	68111	Zinc	995.503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
29891	68111	Zinc	259.918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29893	68111	Zinc	480.7359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29895	68111	Zinc	863.3647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29896	68111	Zinc	179.8447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29897	68111	Zinc	875.4331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29898	68111	Zinc	268.5243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29904	68111	Zinc	422.5655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29905	68111	Zinc	399.2386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29907	68111	Zinc	451.001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29910	68111	Zinc	242.1714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29912	68111	Zinc	181.0373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29915	68111	Zinc	247.5737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29918	68111	Zinc	407.9072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29919	68111	Zinc	195.6867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29922	68111	Zinc	152.3437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
29923	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
29926	68111	Zinc	275.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29927	68111	Zinc	341.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29928	68111	Zinc	163.3708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29930	68111	Zinc	301.1072	3.00E-01	--	3.00E-01	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	$CSFo^{-1}$	RfD_{ABS}	CSF_{ABS}^{-1}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)	(mg/kg-d)	(mg/kg-d)																					
29954	68111	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
29956	68111	Zinc	470.7857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29960	68111	Zinc	321.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29961	68111	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29962	68111	Zinc	510.3195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29963	68111	Zinc	313.3269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29964	68111	Zinc	287.152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29965	68111	Zinc	171.6033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
29966	68111	Zinc	367.7504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29967	68111	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29968	68111	Zinc	127.5483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
29969	68111	Zinc	296.408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29970	68111	Zinc	179.8091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29973	68111	Zinc	157.1586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29974	68111	Zinc	312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29975	68111	Zinc	331.9101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29977	68111	Zinc	378.7953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29978	68111	Zinc	245.7314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29980	68111	Zinc	279.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29981	68111	Zinc	252.3174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29982	68111	Zinc	314.1902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29983	68111	Zinc	194.6276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
29984	68111	Zinc	255.3523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29986	68111	Zinc	334.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
29988	68111	Zinc	157.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
29990	68111	Zinc	328.1276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29991	68111	Zinc	477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
29992	68111	Zinc	261.1106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29993	68111	Zinc	241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29994	68111	Zinc	179.5599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
29995	68111	Zinc	259.3039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29996	68111	Zinc	326.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29998	68111	Zinc	229.124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
29999	68111	Zinc	621.4894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30001	68111	Zinc	260.6211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30002	68111	Zinc	299.3005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30004	68111	Zinc	122.7156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30005	68111	Zinc	319.6726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30007	68111	Zinc	197.0395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30008	68111	Zinc	349.1316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30012	68111	Zinc	608.4064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30014	68111	Zinc	211.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30019	68111	Zinc	517.2259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30021	68111	Zinc	173.3121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30029	68111	Zinc	220.402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30032	68111	Zinc	634.8038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30036	68111	Zinc	401.7662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30039	68111	Zinc	607.1782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30041	68111	Zinc	328.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30042	68111	Zinc	531.0743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30044	68111	Zinc	423.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30045	68111	Zinc	337.4192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30048	68111	Zinc	268.0437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30050	68111	Zinc	283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30052	68111	Zinc	296.7373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30054	68111	Zinc	128.9901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30058	68111	Zinc	287.3033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30060	68111	Zinc	198.2054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30062	68111	Zinc	315.0357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30063	68111	Zinc	422.6278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30065	68111	Zinc	501.4106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30067	68111	Zinc	706.0038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30068	68111	Zinc	526.8735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30070	68111	Zinc	337.3569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30071	68111	Zinc	428.5997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30072	68111	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30074	68111	Zinc	463.5678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30075	68111	Zinc	261.3776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30076	68111	Zinc	192.0822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30077	68111	Zinc	182.7105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30078	68111	Zinc	384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30080	68111	Zinc	197.0395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30081	68111	Zinc	226.0446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30082	68111	Zinc	151.3113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30083	68111	Zinc	173.9262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30084	68111	Zinc	612.9009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30085	68111	Zinc	294.5657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30086	68111	Zinc	229.8627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30087	68111	Zinc	121.3005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30088	68111	Zinc	509.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30089	68111	Zinc	394.6373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30090	68111	Zinc	350.6802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30091	68111	Zinc	212.4543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30092	68111	Zinc	447.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30094	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30095	68111	Zinc	539.3068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30109	68111	Zinc	264.8575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30111	68111	Zinc	149.558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30131	68111	Zinc	370.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30132	68111	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30133	68111	Zinc	547.6906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30135	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30136	68111	Zinc	304.4536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30139	68111	Zinc	333.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30141	68111	Zinc	248.6417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30143	68111	Zinc	347.9479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30144	68111	Zinc	317.6078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30145	68111	Zinc	365.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30146	68111	Zinc	432.4445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30147	68111	Zinc	168.5506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30150	68111	Zinc	353.6884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30153	68111	Zinc	143.4704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30154	68111	Zinc	245.5534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30155	68111	Zinc	227.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30156	68111	Zinc	360.8974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30158	68111	Zinc	180.6991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30159	68111	Zinc	140.7915	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30161	68111	Zinc	225.5195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30164	68111	Zinc	194.2182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30166	68111	Zinc	211.9025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30167	68111	Zinc	232.4526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30168	68111	Zinc	122.0392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30169	68111	Zinc	127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30171	68111	Zinc	141.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30173	68111	Zinc	170.7667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30174	68111	Zinc	177.9935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30175	68111	Zinc	452.8166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30176	68111	Zinc	346.4794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30177	68111	Zinc	357.3285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30179	68111	Zinc	250.9201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30180	68111	Zinc	2337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30182	68111	Zinc	182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30184	68111	Zinc	333.5833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30185	68111	Zinc	153.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30187	68111	Zinc	401.4725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30188	68111	Zinc	214.0207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30190	68111	Zinc	186.4218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30192	68111	Zinc	297.7341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30195	68111	Zinc	261.9027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30198	68111	Zinc	675.103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30201	68111	Zinc	339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30204	68111	Zinc	674.7826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30208	68111	Zinc	226.4807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30209	68111	Zinc	406.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30211	68111	Zinc	1587.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
30212	68111	Zinc	232.7908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30219	68111	Zinc	671.0802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30220	68111	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30221	68111	Zinc	197.7248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30222	68111	Zinc	221.9862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30224	68111	Zinc	240.5783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30225	68111	Zinc	734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30226	68111	Zinc	365.8369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30227	68111	Zinc	242.2693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30230	68111	Zinc	950.113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30231	68111	Zinc	540.0277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30233	68111	Zinc	244.5032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30234	68111	Zinc	169.8055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30235	68111	Zinc	244.4587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30236	68111	Zinc	718.713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30237	68111	Zinc	238.8428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30238	68111	Zinc	188.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30239	68111	Zinc	362.268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30240	68111	Zinc	255.2455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30241	68111	Zinc	297.7608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30242	68111	Zinc	336.4758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30243	68111	Zinc	312.5348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30244	68111	Zinc	287.419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30246	68111	Zinc	348.6599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30249	68111	Zinc	232.3102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30251	68111	Zinc	191.3435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30252	68111	Zinc	153.3138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30253	68111	Zinc	687.3049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30254	68111	Zinc	141.6637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30256	68111	Zinc	174.7361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30257	68111	Zinc	298.9089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30258	68111	Zinc	217.9901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30259	68111	Zinc	293.9249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30261	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30262	68111	Zinc	272.823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30267	68111	Zinc	320.3757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30268	68111	Zinc	318.3376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30272	68111	Zinc	135.1934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30273	68111	Zinc	244.3875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30274	68111	Zinc	178.661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30275	68111	Zinc	421.0792	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30297	68111	Zinc	463.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30298	68111	Zinc	116.6369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30299	68111	Zinc	91.085	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30300	68111	Zinc	428.8311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30304	68111	Zinc	429.5787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30312	68111	Zinc	290.0712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30319	68111	Zinc	114.937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30320	68111	Zinc	337.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30325	68111	Zinc	397.5476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30329	68111	Zinc	412.7399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30333	68111	Zinc	294.8149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30338	68111	Zinc	192.1178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30339	68111	Zinc	167.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30345	68111	Zinc	659.1809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30346	68111	Zinc	126.0264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30347	68111	Zinc	163.3263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30350	68111	Zinc	182.6571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30354	68111	Zinc	225.2792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30355	68111	Zinc	226.4807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30358	68111	Zinc	182.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30360	68111	Zinc	159.7218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30361	68111	Zinc	185.603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30362	68111	Zinc	289.8042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30366	68111	Zinc	229.035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30367	68111	Zinc	298.4461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30374	68111	Zinc	350.0127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30379	68111	Zinc	173.0095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30382	68111	Zinc	114.5276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30383	68111	Zinc	159.6951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30384	68111	Zinc	481.4034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30387	68111	Zinc	516.6296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30391	68111	Zinc	364.1993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30392	68111	Zinc	216.7263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30396	68111	Zinc	393.0976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30398	68111	Zinc	140.3198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30399	68111	Zinc	216.6907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30404	68111	Zinc	160.5673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30406	68111	Zinc	156.5712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30408	68111	Zinc	362.6952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30412	68111	Zinc	191.2545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30413	68111	Zinc	533.059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30415	68111	Zinc	114.3229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30416	68111	Zinc	178.483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30417	68111	Zinc	401.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30418	68111	Zinc	537.2153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30419	68111	Zinc	570.2076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30420	68111	Zinc	1010	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
30421	68111	Zinc	348.8824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30425	68111	Zinc	160.1134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30426	68111	Zinc	182.7817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30427	68111	Zinc	162.819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30430	68111	Zinc	166.0408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30432	68111	Zinc	255.9308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30434	68111	Zinc	936.763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30439	68111	Zinc	333.4053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30441	68111	Zinc	425.2444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30444	68111	Zinc	564.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30445	68111	Zinc	169.2893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30447	68111	Zinc	249.2736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30448	68111	Zinc	253.7859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30449	68111	Zinc	464.7604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30450	68111	Zinc	336.6627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30451	68111	Zinc	228.3942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30452	68111	Zinc	145.197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30453	68111	Zinc	364.582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30454	68111	Zinc	296.7373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30455	68111	Zinc	171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30456	68111	Zinc	203.581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30457	68111	Zinc	327.3088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30458	68111	Zinc	145.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30460	68111	Zinc	162.4363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30461	68111	Zinc	132.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30462	68111	Zinc	274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30464	68111	Zinc	193.3994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30465	68111	Zinc	197.796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30468	68111	Zinc	201.1869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30471	68111	Zinc	469.41065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30474	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30488	68111	Zinc	156.9628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30490	68111	Zinc	338.4338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30494	68111	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30496	68111	Zinc	268.3641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30497	68111	Zinc	196.8704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30501	68111	Zinc	191.566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30502	68111	Zinc	404.8189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30503	68111	Zinc	341.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30504	68111	Zinc	795.8671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
30505	68111	Zinc	438.541	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30528	68111	Zinc	491.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30531	68111	Zinc	168.1857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30534	68111	Zinc	169.583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30536	68111	Zinc	658.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30539	68111	Zinc	318.9072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30540	68111	Zinc	3084.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
30545	68111	Zinc	329.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30547	68111	Zinc	566.4696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30549	68111	Zinc	350.787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30550	68111	Zinc	136.4127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30552	68111	Zinc	193.1591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30557	68111	Zinc	188.3175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30561	68111	Zinc	161.3327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30562	68111	Zinc	170.8379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30563	68111	Zinc	459.2958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30564	68111	Zinc	125.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
30567	68111	Zinc	168.8888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30569	68111	Zinc	371.8978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30571	68111	Zinc	218.3995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30572	68111	Zinc	327.9674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30574	68111	Zinc	234.6776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30577	68111	Zinc	175.2434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30578	68111	Zinc	314.9467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30580	68111	Zinc	194.3339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30581	68111	Zinc	225.2614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30586	68111	Zinc	179.5866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30587	68111	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30589	68111	Zinc	228.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30591	68111	Zinc	301.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30595	68111	Zinc	426.1522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30603	68111	Zinc	501.642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30605	68111	Zinc	242.296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30606	68111	Zinc	437.9803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30608	68111	Zinc	407.4355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30610	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30612	68111	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30617	68111	Zinc	784.6709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
30621	68111	Zinc	194.414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30622	68111	Zinc	168.9244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30623	68111	Zinc	286.796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30625	68111	Zinc	270	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30627	68111	Zinc	801.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
30628	68111	Zinc	164.8304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30630	68111	Zinc	85.834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
30635	68111	Zinc	230.637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30638	68111	Zinc	158.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30639	68111	Zinc	141.993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30640	68111	Zinc	248.5972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30641	68111	Zinc	639.5742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30642	68111	Zinc	441.7361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30643	68111	Zinc	202.6198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30644	68111	Zinc	253.065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30645	68111	Zinc	373.8825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30646	68111	Zinc	247.2444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30647	68111	Zinc	345.1889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30648	68111	Zinc	332.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30649	68111	Zinc	896.3659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
30652	68111	Zinc	253.3231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30656	68111	Zinc	237.3031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30661	68111	Zinc	1242.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
30662	68111	Zinc	215.0175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30664	68111	Zinc	568.6946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30666	68111	Zinc	163.887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30667	68111	Zinc	299.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30669	68111	Zinc	1322.311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
30670	68111	Zinc	729.1616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30672	68111	Zinc	138.8869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30674	68111	Zinc	286.0395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30677	68111	Zinc	218.3283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30679	68111	Zinc	431.6168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30683	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30684	68111	Zinc	257.0166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30685	68111	Zinc	538.3367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30686	68111	Zinc	1217.202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
30687	68111	Zinc	195.1616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30690	68111	Zinc	187.5076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30693	68111	Zinc	361.556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30694	68111	Zinc	211.9381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30695	68111	Zinc	337.4904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30697	68111	Zinc	250.217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30699	68111	Zinc	419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30700	68111	Zinc	370.5806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30701	68111	Zinc	143.4259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30703	68111	Zinc	195.7846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30704	68111	Zinc	252.7179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30707	68111	Zinc	279.854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30708	68111	Zinc	300.235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30709	68111	Zinc	332.72	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30737	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30742	68111	Zinc	118.1766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30743	68111	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30744	68111	Zinc	646.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30745	68111	Zinc	390.659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30746	68111	Zinc	277.2285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30747	68111	Zinc	348.384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30750	68111	Zinc	551.0548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30751	68111	Zinc	175.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30752	68111	Zinc	347.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30754	68111	Zinc	183.2178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30756	68111	Zinc	1065.724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
30757	68111	Zinc	267.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30761	68111	Zinc	254.5424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30762	68111	Zinc	100.4745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30764	68111	Zinc	232.506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30767	68111	Zinc	149.5758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30768	68111	Zinc	182.1231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30770	68111	Zinc	442.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30772	68111	Zinc	348.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30773	68111	Zinc	1886.126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
30775	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30777	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30780	68111	Zinc	284.0815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30781	68111	Zinc	161.9379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30783	68111	Zinc	132.6925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30790	68111	Zinc	146.2472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30793	68111	Zinc	360.1765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30795	68111	Zinc	148.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
30800	68111	Zinc	407.1774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30802	68111	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30804	68111	Zinc	308.779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30805	68111	Zinc	191.0676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30807	68111	Zinc	204.0171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30808	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30812	68111	Zinc	250.8489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30813	68111	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30814	68111	Zinc	183.5827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30816	68111	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
30817	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30818	68111	Zinc	164.1273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30819	68111	Zinc	193.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30823	68111	Zinc	118.6394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
30824	68111	Zinc	381.3674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30825	68111	Zinc	156.9806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30826	68111	Zinc	597.2369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30829	68111	Zinc	757.7395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30830	68111	Zinc	212.2051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30831	68111	Zinc	216.842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30833	68111	Zinc	196.9772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30835	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30836	68111	Zinc	140.1151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30837	68111	Zinc	804.8472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
30838	68111	Zinc	263.7628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30841	68111	Zinc	514.6004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30843	68111	Zinc	164.5456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30844	68111	Zinc	354.0533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30848	68111	Zinc	577.737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
30849	68111	Zinc	203.8925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30856	68111	Zinc	177.1836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30857	68111	Zinc	192.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30859	68111	Zinc	231.349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30861	68111	Zinc	176.0444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30863	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30864	68111	Zinc	414.0126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30868	68111	Zinc	175.7329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30871	68111	Zinc	411.1913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30873	68111	Zinc	187.5699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30877	68111	Zinc	100.8038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30881	68111	Zinc	156.856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30882	68111	Zinc	194.859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30884	68111	Zinc	184.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30886	68111	Zinc	373.8024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30887	68111	Zinc	665.2596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30888	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30889	68111	Zinc	281.3136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30893	68111	Zinc	375.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30897	68111	Zinc	261.7514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30898	68111	Zinc	428.039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30899	68111	Zinc	486.7434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30901	68111	Zinc	209.4639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30902	68111	Zinc	376.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30903	68111	Zinc	381.848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30905	68111	Zinc	478.4486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30906	68111	Zinc	160.4516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30908	68111	Zinc	308.3696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30909	68111	Zinc	225.742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30911	68111	Zinc	253.7236	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
30927	68111	Zinc	276.4453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30928	68111	Zinc	270.5891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30929	68111	Zinc	188.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
30931	68111	Zinc	137.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30932	68111	Zinc	280	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30933	68111	Zinc	358.0138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30935	68111	Zinc	213.0506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30937	68111	Zinc	308.3607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30939	68111	Zinc	103.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
30941	68111	Zinc	485.5419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30942	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30943	68111	Zinc	299.345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30948	68111	Zinc	160.505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30949	68111	Zinc	445.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30953	68111	Zinc	140.5957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
30955	68111	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
30956	68111	Zinc	652.0965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
30959	68111	Zinc	260.3274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30960	68111	Zinc	179.8536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30962	68111	Zinc	163.0148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30967	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30968	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30969	68111	Zinc	173.9885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30970	68111	Zinc	243.2305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30972	68111	Zinc	448.6603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30973	68111	Zinc	383.6725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30976	68111	Zinc	232.8086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30978	68111	Zinc	177.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
30979	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
30981	68111	Zinc	484.6074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30983	68111	Zinc	421.8624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30984	68111	Zinc	386.298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30985	68111	Zinc	383.6547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30988	68111	Zinc	255.735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30989	68111	Zinc	235.7812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30990	68111	Zinc	352.6204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
30991	68111	Zinc	262.4189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
30995	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
30997	68111	Zinc	153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
30999	68111	Zinc	250.4662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31001	68111	Zinc	262.2765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31003	68111	Zinc	179.7913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31004	68111	Zinc	273.1968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31007	68111	Zinc	152.7175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31008	68111	Zinc	179.8892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31009	68111	Zinc	124.0773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31010	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31011	68111	Zinc	429.8991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31012	68111	Zinc	168.248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31014	68111	Zinc	456.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31015	68111	Zinc	130.8057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31016	68111	Zinc	163.353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31017	68111	Zinc	461.2983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31019	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31022	68111	Zinc	138.166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31026	68111	Zinc	109.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31027	68111	Zinc	176.4093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31029	68111	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31030	68111	Zinc	293.7469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31031	68111	Zinc	278.3232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31032	68111	Zinc	653.1912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31034	68111	Zinc	367.0473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31036	68111	Zinc	104.6664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31037	68111	Zinc	256.5004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31041	68111	Zinc	399.0962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31042	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31044	68111	Zinc	270.9718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31045	68111	Zinc	126.4981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31046	68111	Zinc	399.8171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31051	68111	Zinc	152.4594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31052	68111	Zinc	260.9593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31054	68111	Zinc	144.9567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31055	68111	Zinc	557.4361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31056	68111	Zinc	694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31057	68111	Zinc	175.7952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31058	68111	Zinc	269.2096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31061	68111	Zinc	297.4048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31062	68111	Zinc	134.873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31065	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31067	68111	Zinc	472.9751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31071	68111	Zinc	241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31072	68111	Zinc	150.1098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31074	68111	Zinc	152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31076	68111	Zinc	156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31078	68111	Zinc	106.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31080	68111	Zinc	336.1109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31081	68111	Zinc	316.7623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31086	68111	Zinc	214.5191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31106	68111	Zinc	274.158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31107	68111	Zinc	161.5552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31108	68111	Zinc	330.1034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31109	68111	Zinc	212.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31112	68111	Zinc	153.4918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31113	68111	Zinc	256.8475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31114	68111	Zinc	172.0216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31116	68111	Zinc	315.543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31117	68111	Zinc	283.3072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31118	68111	Zinc	99.0416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31120	68111	Zinc	432.7382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31122	68111	Zinc	218.4618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31125	68111	Zinc	194.6899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31127	68111	Zinc	157.1942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31129	68111	Zinc	195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31131	68111	Zinc	155.7524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31133	68111	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31134	68111	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31136	68111	Zinc	193.9067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31138	68111	Zinc	265.2758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31139	68111	Zinc	305.0677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31141	68111	Zinc	453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31142	68111	Zinc	228.2963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31143	68111	Zinc	198.1609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31145	68111	Zinc	278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31146	68111	Zinc	208.9744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31148	68111	Zinc	411.1824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31152	68111	Zinc	275.0302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31154	68111	Zinc	163.7535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31156	68111	Zinc	891.7112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31161	68111	Zinc	160.5495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31162	68111	Zinc	858.4875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31163	68111	Zinc	356.4652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31164	68111	Zinc	180.5834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31168	68111	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31169	68111	Zinc	187.1071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31171	68111	Zinc	180.0583	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31175	68111	Zinc	130.6722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31176	68111	Zinc	228.7769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31178	68111	Zinc	280.8775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31179	68111	Zinc	204.5333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31180	68111	Zinc	467.2435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31182	68111	Zinc	195.7045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31183	68111	Zinc	213.9584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31185	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31186	68111	Zinc	311.0841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31188	68111	Zinc	200.4927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31189	68111	Zinc	594.3266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31190	68111	Zinc	601.7225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31191	68111	Zinc	282.8355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31192	68111	Zinc	269.886	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31198	68111	Zinc	1771.227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
31202	68111	Zinc	1814.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
31203	68111	Zinc	3947.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
31206	68111	Zinc	242.6698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31207	68111	Zinc	1247.017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
31208	68111	Zinc	836.0951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31211	68111	Zinc	180.8148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31212	68111	Zinc	311.4223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31215	68111	Zinc	423.7225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31221	68111	Zinc	355.3082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31222	68111	Zinc	115.6935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31225	68111	Zinc	361.5382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31227	68111	Zinc	208.031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31229	68111	Zinc	293.8804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31232	68111	Zinc	394.5483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31234	68111	Zinc	281.0021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31236	68111	Zinc	245.1974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31237	68111	Zinc	333.5655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31239	68111	Zinc	123.5166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31242	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31243	68111	Zinc	122.8224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31246	68111	Zinc	1212.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
31248	68111	Zinc	371.9423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31251	68111	Zinc	538.4168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31252	68111	Zinc	303.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31253	68111	Zinc	357.8625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31254	68111	Zinc	554.0719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31255	68111	Zinc	256.1266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31256	68111	Zinc	466.4336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31257	68111	Zinc	349.9682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31259	68111	Zinc	439.5912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31262	68111	Zinc	965.599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31265	68111	Zinc	536.9305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31266	68111	Zinc	254.8094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31267	68111	Zinc	371.8088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31268	68111	Zinc	138.9403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31269	68111	Zinc	203.225	3.00E-01	--	3.00E-01	-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31287	68111	Zinc	253.0917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31291	68111	Zinc	235.5587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31300	68111	Zinc	336.4758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31302	68111	Zinc	196.6123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31303	68111	Zinc	239.2967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31304	68111	Zinc	250.0835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31305	68111	Zinc	374.461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31309	68111	Zinc	325.333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31310	68111	Zinc	438.5499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31311	68111	Zinc	119.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31312	68111	Zinc	594.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31313	68111	Zinc	192.9544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31316	68111	Zinc	459.9455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31321	68111	Zinc	122.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31324	68111	Zinc	158.6538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31325	68111	Zinc	2173.151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	1E-02
31328	68111	Zinc	2075.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
31330	68111	Zinc	160.4961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31331	68111	Zinc	879.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31333	68111	Zinc	252.3441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31334	68111	Zinc	287.9174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31336	68111	Zinc	243.9692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31337	68111	Zinc	258.9924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31338	68111	Zinc	337.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31339	68111	Zinc	130.7256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31340	68111	Zinc	451.624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31341	68111	Zinc	686.9667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31344	68111	Zinc	282.1591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31348	68111	Zinc	254.5424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31352	68111	Zinc	271.3545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31353	68111	Zinc	185.425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31355	68111	Zinc	196.4254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31356	68111	Zinc	249.6474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31357	68111	Zinc	347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31358	68111	Zinc	301.1962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31360	68111	Zinc	199.3891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31361	68111	Zinc	1008.675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
31362	68111	Zinc	282.0612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31363	68111	Zinc	209.633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31364	68111	Zinc	194.147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31365	68111	Zinc	186.7333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31366	68111	Zinc	427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31368	68111	Zinc	177.237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31370	68111	Zinc	254.4801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31372	68111	Zinc	351.7749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31373	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31374	68111	Zinc	147.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31375	68111	Zinc	358.8504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31376	68111	Zinc	362.9711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31377	68111	Zinc	343.5068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31378	68111	Zinc	528.7247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31379	68111	Zinc	612.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31381	68111	Zinc	526.2683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31382	68111	Zinc	337.615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31386	68111	Zinc	172.3687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31387	68111	Zinc	197.2353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31390	68111	Zinc	534.7233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31393	68111	Zinc	245.9005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31395	68111	Zinc	220.8203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31397	68111	Zinc	147.8403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31398	68111	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31400	68111	Zinc	233.4672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31403	68111	Zinc	186.5642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31408	68111	Zinc	1189.968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
31409	68111	Zinc	224.407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31411	68111	Zinc	198.8017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31413	68111	Zinc	364.3506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31414	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31415	68111	Zinc	232.773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31416	68111	Zinc	191.5927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31417	68111	Zinc	207.8352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31418	68111	Zinc	357.2484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31419	68111	Zinc	306.376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31421	68111	Zinc	361.8586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31423	68111	Zinc	284.4731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31425	68111	Zinc	2562.081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
31426	68111	Zinc	367.2075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31427	68111	Zinc	244.7791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31429	68111	Zinc	206.7405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31430	68111	Zinc	283.4852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31431	68111	Zinc	153.207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31432	68111	Zinc	359.6692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31433	68111	Zinc	255.4769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31434	68111	Zinc	140.3109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31435	68111	Zinc	213.5401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31436	68111	Zinc	474.6038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31437	68111	Zinc	186.315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31438	68111	Zinc	355.3883	3.00E-01	--	3.00E-01	--	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
31450	68111	Zinc	571.4002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31451	68111	Zinc	221.3009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31452	68111	Zinc	221.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31453	68111	Zinc	275.1726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31454	68111	Zinc	226.098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31455	68111	Zinc	130.067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31456	68111	Zinc	208.8587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31457	68111	Zinc	843.7135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31458	68111	Zinc	198.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31463	68111	Zinc	397.8235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31464	68111	Zinc	398.6512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31465	68111	Zinc	127.4148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31467	68111	Zinc	211.8046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31468	68111	Zinc	333.5744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31469	68111	Zinc	382.026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31470	68111	Zinc	444.6553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31471	68111	Zinc	463.3542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31473	68111	Zinc	280.0943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31476	68111	Zinc	148.8282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31478	68111	Zinc	515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31479	68111	Zinc	311.7783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31480	68111	Zinc	180.8415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31481	68111	Zinc	304.3557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31483	68111	Zinc	157.8884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31484	68111	Zinc	367.2965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31485	68111	Zinc	323.464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31487	68111	Zinc	475.4315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31488	68111	Zinc	205.005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31489	68111	Zinc	529.4812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31491	68111	Zinc	280.5393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31494	68111	Zinc	183.823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31495	68111	Zinc	566.3183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31498	68111	Zinc	405.0058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31499	68111	Zinc	259.9536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31500	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31501	68111	Zinc	134.161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31505	68111	Zinc	155.9927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31506	68111	Zinc	249.683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31507	68111	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31509	68111	Zinc	399.3009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31510	68111	Zinc	185.4161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31515	68111	Zinc	208.6273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31516	68111	Zinc	505.2287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31517	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31519	68111	Zinc	558.1481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31520	68111	Zinc	153.0557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31522	68111	Zinc	183.7518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31525	68111	Zinc	144.9478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31527	68111	Zinc	178.2249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31528	68111	Zinc	509.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31529	68111	Zinc	266.3883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31532	68111	Zinc	178.1982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31533	68111	Zinc	172.3687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31534	68111	Zinc	145.197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31540	68111	Zinc	464.3777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31541	68111	Zinc	142.2778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31544	68111	Zinc	145.4551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31546	68111	Zinc	236.2618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31547	68111	Zinc	291.6465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31548	68111	Zinc	198.5258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31553	68111	Zinc	120.9623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31555	68111	Zinc	407.1062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31558	68111	Zinc	602.6837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31560	68111	Zinc	118.3457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31561	68111	Zinc	260.6389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31565	68111	Zinc	582.9079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31566	68111	Zinc	458.2901	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31567	68111	Zinc	302.2731	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31569	68111	Zinc	307.2482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31572	68111	Zinc	456.1452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31574	68111	Zinc	444.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31576	68111	Zinc	440.6236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31577	68111	Zinc	432.6492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31581	68111	Zinc	125.5725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31582	68111	Zinc	400.1197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31583	68111	Zinc	379.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31585	68111	Zinc	218.9157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31586	68111	Zinc	539.0131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31588	68111	Zinc	230.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31589	68111	Zinc	161.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31591	68111	Zinc	304.9075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31593	68111	Zinc	401.962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31595	68111	Zinc	397.7078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31597	68111	Zinc	600.9571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31598	68111	Zinc	240.4626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31599	68111	Zinc	241.8332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31600	68111	Zinc	380.9936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31602	68111	Zinc	164.1451	3.00E-01	--	3.00E-01	--	1.28E

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31618	68111	Zinc	217.1624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31619	68111	Zinc	133.1286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31620	68111	Zinc	351.0896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31622	68111	Zinc	442.5994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31624	68111	Zinc	176.2847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31626	68111	Zinc	154.1148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31627	68111	Zinc	299.612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31628	68111	Zinc	609.1006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31629	68111	Zinc	945.129	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31631	68111	Zinc	315.7032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31635	68111	Zinc	150.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31636	68111	Zinc	270.0729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31638	68111	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31640	68111	Zinc	168.6574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31641	68111	Zinc	317.3942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31643	68111	Zinc	204.4799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31644	68111	Zinc	838.9075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31646	68111	Zinc	221.0606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31647	68111	Zinc	178.6699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31650	68111	Zinc	244.5566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31651	68111	Zinc	293.0349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31654	68111	Zinc	340.7567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31655	68111	Zinc	158.8318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31656	68111	Zinc	349.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31659	68111	Zinc	332.542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31660	68111	Zinc	564.7608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31661	68111	Zinc	295.2866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31662	68111	Zinc	173.5168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31664	68111	Zinc	125.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31666	68111	Zinc	645.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31668	68111	Zinc	277.2374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31670	68111	Zinc	103.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31671	68111	Zinc	107.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31672	68111	Zinc	298.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31674	68111	Zinc	237.0539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31678	68111	Zinc	217.5362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31679	68111	Zinc	111.1812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31680	68111	Zinc	294.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31681	68111	Zinc	152.406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31682	68111	Zinc	186.849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31683	68111	Zinc	118.9242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31686	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31691	68111	Zinc	235.0692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31692	68111	Zinc	198.3122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31694	68111	Zinc	397.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31695	68111	Zinc	506.4569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31697	68111	Zinc	179.0437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31698	68111	Zinc	241.7264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31699	68111	Zinc	147.9738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31700	68111	Zinc	407.5601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31702	68111	Zinc	155.9215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31704	68111	Zinc	101.1598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
31708	68111	Zinc	155.9126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31710	68111	Zinc	143.862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31712	68111	Zinc	361.7073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31713	68111	Zinc	371.6308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31714	68111	Zinc	219.1115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31715	68111	Zinc	258.8233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31716	68111	Zinc	87.9255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31717	68111	Zinc	251.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31718	68111	Zinc	282.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31721	68111	Zinc	266.1658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31722	68111	Zinc	1443.618	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
31723	68111	Zinc	338.4605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31724	68111	Zinc	2011.883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
31725	68111	Zinc	228.9638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31728	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31729	68111	Zinc	161.9735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31732	68111	Zinc	181.2687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31733	68111	Zinc	212.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31734	68111	Zinc	447.4677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31735	68111	Zinc	711.6108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31736	68111	Zinc	287.1164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31740	68111	Zinc	155.0582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31741	68111	Zinc	670.5907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31742	68111	Zinc	483.0232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31744	68111	Zinc	375.2976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31746	68111	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31747	68111	Zinc	287.4813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31748	68111	Zinc	154.8446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31751	68111	Zinc	209.3927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31752	68111	Zinc	273.5528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31754	68111	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31755	68111	Zinc	94.9476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
31756	68111	Zinc	351.8639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31758	68111	Zinc	455.1662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31759	68111	Zinc	322.8054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31762	68111	Zinc	296.7195	3.00E-01	--	3.00E-01

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31775	68111	Zinc	370.6251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31776	68111	Zinc	240.9165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31777	68111	Zinc	231.4914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31778	68111	Zinc	112.3293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31779	68111	Zinc	737.9014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31780	68111	Zinc	564.6362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31783	68111	Zinc	433.6816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31784	68111	Zinc	678.6719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31785	68111	Zinc	175.279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31786	68111	Zinc	199.3802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31788	68111	Zinc	47.1635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
31789	68111	Zinc	383.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31790	68111	Zinc	218.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31791	68111	Zinc	593.7214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31793	68111	Zinc	186.5464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31794	68111	Zinc	348.8735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31795	68111	Zinc	190.6137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31796	68111	Zinc	222.5647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31797	68111	Zinc	253.1807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31799	68111	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31800	68111	Zinc	123.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31801	68111	Zinc	809.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
31803	68111	Zinc	200	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31804	68111	Zinc	803.6724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
31805	68111	Zinc	346.5506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31806	68111	Zinc	153.4829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31808	68111	Zinc	4007.619	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
31809	68111	Zinc	129.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31810	68111	Zinc	223.962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31811	68111	Zinc	166.8952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31812	68111	Zinc	392.9997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31813	68111	Zinc	250.7154	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31816	68111	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31817	68111	Zinc	124.9584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31819	68111	Zinc	393.8452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31821	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31822	68111	Zinc	129.8979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31823	68111	Zinc	219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31824	68111	Zinc	120.277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31825	68111	Zinc	133.3066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31826	68111	Zinc	168.4705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31827	68111	Zinc	165.8183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31828	68111	Zinc	286.0662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31831	68111	Zinc	705.8436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31835	68111	Zinc	234.8467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31836	68111	Zinc	508.4238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31838	68111	Zinc	584.1272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31839	68111	Zinc	194.6009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31840	68111	Zinc	542.1281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31841	68111	Zinc	378.3859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31843	68111	Zinc	382.9961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31844	68111	Zinc	224.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31845	68111	Zinc	181.7048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31846	68111	Zinc	235.2561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31849	68111	Zinc	209.6775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31850	68111	Zinc	279.1776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31851	68111	Zinc	420.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31852	68111	Zinc	717.6806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31853	68111	Zinc	255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31854	68111	Zinc	224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31856	68111	Zinc	107.9683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31858	68111	Zinc	196.0427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31859	68111	Zinc	158.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31860	68111	Zinc	106.571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31861	68111	Zinc	253.5011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31862	68111	Zinc	175.1455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31864	68111	Zinc	142.1977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31865	68111	Zinc	119.1823	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
31868	68111	Zinc	214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31869	68111	Zinc	157.6659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
31871	68111	Zinc	175.635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31872	68111	Zinc	144.4939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31873	68111	Zinc	555.1666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31874	68111	Zinc	459.634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31875	68111	Zinc	216.5127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31876	68111	Zinc	192.5272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31878	68111	Zinc	125.8484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
31879	68111	Zinc	297.9388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31880	68111	Zinc	176.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31882	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31887	68111	Zinc	255.0497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31889	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31891	68111	Zinc	139.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31892	68111	Zinc	398.9182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31894	68111	Zinc	249.2914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31895	68111	Zinc	348.1615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31896	68111	Zinc	258.2626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31899	68111	Zinc	329.427	3.00E-01	--	3.00E-01	--	1.28E-05	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
31919	68111	Zinc	259.6777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31921	68111	Zinc	635.9519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31922	68111	Zinc	177.7265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31923	68111	Zinc	244.1205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31924	68111	Zinc	424.2565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31925	68111	Zinc	369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31927	68111	Zinc	902.6137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31928	68111	Zinc	142.9097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31929	68111	Zinc	481.2076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31930	68111	Zinc	473.5714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31932	68111	Zinc	758.7986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
31935	68111	Zinc	319.5925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31936	68111	Zinc	188.451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31938	68111	Zinc	145.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31940	68111	Zinc	195.1794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31941	68111	Zinc	137.4718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31943	68111	Zinc	252.9315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31944	68111	Zinc	291.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31945	68111	Zinc	324.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31946	68111	Zinc	178.1181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31947	68111	Zinc	328.9375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31949	68111	Zinc	212.0894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
31952	68111	Zinc	374.0605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31955	68111	Zinc	173.2854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31960	68111	Zinc	822.2289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
31961	68111	Zinc	1040.626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
31964	68111	Zinc	377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31965	68111	Zinc	348.5086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31967	68111	Zinc	444.7176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31968	68111	Zinc	276.2228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31970	68111	Zinc	332.008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
31972	68111	Zinc	142.9898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31973	68111	Zinc	134.9976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31974	68111	Zinc	132.826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31975	68111	Zinc	150.1988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
31976	68111	Zinc	173.0006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
31977	68111	Zinc	275.6443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31978	68111	Zinc	521.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31980	68111	Zinc	364.9113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31981	68111	Zinc	298.7843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31983	68111	Zinc	142.1799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31985	68111	Zinc	202.8245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
31986	68111	Zinc	552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
31987	68111	Zinc	139.6256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
31988	68111	Zinc	324.9503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31991	68111	Zinc	270.4912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
31994	68111	Zinc	403.4483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
31996	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
31998	68111	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
31999	68111	Zinc	221.1585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32000	68111	Zinc	282.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32001	68111	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32003	68111	Zinc	505.4957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32006	68111	Zinc	205.4767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32007	68111	Zinc	354.1868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32011	68111	Zinc	188.629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32012	68111	Zinc	340.5876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32013	68111	Zinc	441.5848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32014	68111	Zinc	1080.053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
32015	68111	Zinc	149.9496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32016	68111	Zinc	455.7803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32017	68111	Zinc	153.3939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32018	68111	Zinc	139.4654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32020	68111	Zinc	151.8631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32021	68111	Zinc	154.5598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32022	68111	Zinc	191.2189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32023	68111	Zinc	407.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32024	68111	Zinc	179.3641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32025	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32026	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32028	68111	Zinc	382.382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32033	68111	Zinc	246.7638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32034	68111	Zinc	176.9255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32036	68111	Zinc	187.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32038	68111	Zinc	267.9191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32040	68111	Zinc	622.5574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32041	68111	Zinc	317.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32042	68111	Zinc	201.623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32046	68111	Zinc	661.7975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32047	68111	Zinc	143.595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32048	68111	Zinc	297.5917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32049	68111	Zinc	194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32050	68111	Zinc	804.509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
32051	68111	Zinc	216.6462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32052	68111	Zinc	227.5487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32053	68111	Zinc	503.9026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32055	68111	Zinc	443.2046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32057	68111	Zinc	263.478	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
32077	68111	Zinc	331.7232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32079	68111	Zinc	230.5925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32081	68111	Zinc	856.2091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32085	68111	Zinc	165.0173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32087	68111	Zinc	401.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32089	68111	Zinc	279.6137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32090	68111	Zinc	243.2572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32091	68111	Zinc	255.3345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32092	68111	Zinc	404.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32093	68111	Zinc	161.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32095	68111	Zinc	235.0425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32096	68111	Zinc	166.1921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32097	68111	Zinc	633.5578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32098	68111	Zinc	302.6825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32101	68111	Zinc	350.7692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32102	68111	Zinc	304.7206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32103	68111	Zinc	515.1789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32104	68111	Zinc	303.8395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32105	68111	Zinc	148.0895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32107	68111	Zinc	316.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32108	68111	Zinc	339.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32109	68111	Zinc	397.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32111	68111	Zinc	512.5623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32112	68111	Zinc	137.365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32114	68111	Zinc	218.5152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32115	68111	Zinc	149.5758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32116	68111	Zinc	196.2919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32117	68111	Zinc	340.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32119	68111	Zinc	380.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32120	68111	Zinc	265.0711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32123	68111	Zinc	437.3039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32124	68111	Zinc	434.1711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32125	68111	Zinc	277.629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32126	68111	Zinc	553.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32128	68111	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32129	68111	Zinc	192.7853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32131	68111	Zinc	325.6089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32133	68111	Zinc	208.3781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32134	68111	Zinc	105.2449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
32136	68111	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32137	68111	Zinc	230.2187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32138	68111	Zinc	299.4607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32139	68111	Zinc	446.729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32140	68111	Zinc	340.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32147	68111	Zinc	109.241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32148	68111	Zinc	337.9354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32149	68111	Zinc	271.3545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32152	68111	Zinc	183.8764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32153	68111	Zinc	190.587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32154	68111	Zinc	176.4716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32155	68111	Zinc	286.6358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32156	68111	Zinc	117.5269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32159	68111	Zinc	626.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32160	68111	Zinc	345.6339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32162	68111	Zinc	941.213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32163	68111	Zinc	174.0508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32164	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32166	68111	Zinc	362.891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32167	68111	Zinc	140.658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32168	68111	Zinc	144.3693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32169	68111	Zinc	218.2571	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32170	68111	Zinc	159.9799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32172	68111	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32177	68111	Zinc	368.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32178	68111	Zinc	198.0986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32179	68111	Zinc	315.3917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32180	68111	Zinc	404.4451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32181	68111	Zinc	147.8047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32182	68111	Zinc	141.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32183	68111	Zinc	294.2008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32184	68111	Zinc	152.9756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32185	68111	Zinc	240.4181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32186	68111	Zinc	288.7362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32187	68111	Zinc	309.0994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32189	68111	Zinc	139.8481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32190	68111	Zinc	220.936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32193	68111	Zinc	308.5565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32194	68111	Zinc	355.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32196	68111	Zinc	176.9967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32197	68111	Zinc	160.6741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32200	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32204	68111	Zinc	459.2157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32205	68111	Zinc	182.0608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32208	68111	Zinc	171.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32209	68111	Zinc	200.4927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32210	68111	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32212	68111	Zinc	151.2935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32213	68111	Zinc	187.828	3.00E-01	--	3.00E-01	--	1.28E

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																			RME	RME	RME
32231	68111	Zinc	549.4172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32232	68111	Zinc	176.3737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32234	68111	Zinc	179.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32235	68111	Zinc	173.8016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32237	68111	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32239	68111	Zinc	240.0443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32240	68111	Zinc	150.1721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32241	68111	Zinc	345.1266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32243	68111	Zinc	123.4543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32244	68111	Zinc	260.274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32246	68111	Zinc	136.1368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32248	68111	Zinc	240.2045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32249	68111	Zinc	209.6241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32250	68111	Zinc	263.8696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32251	68111	Zinc	369.5215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32252	68111	Zinc	396.0435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32253	68111	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32255	68111	Zinc	170.4285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32256	68111	Zinc	425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32260	68111	Zinc	334.6068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32261	68111	Zinc	450.9209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32262	68111	Zinc	725.3969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32263	68111	Zinc	338.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32264	68111	Zinc	374.9505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32265	68111	Zinc	401.2144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32266	68111	Zinc	168.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32267	68111	Zinc	144.9033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32270	68111	Zinc	274.7632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32272	68111	Zinc	235.0158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32274	68111	Zinc	454.1694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32276	68111	Zinc	824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32277	68111	Zinc	278.5546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32278	68111	Zinc	445.1715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32279	68111	Zinc	125.5903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32280	68111	Zinc	560.7825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32281	68111	Zinc	175.4481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32282	68111	Zinc	129.5241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32283	68111	Zinc	192.7497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32284	68111	Zinc	253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32285	68111	Zinc	926.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32286	68111	Zinc	276.0092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32287	68111	Zinc	733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32288	68111	Zinc	502.6655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32289	68111	Zinc	82.0604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
32291	68111	Zinc	332.9425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32293	68111	Zinc	223.4013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32296	68111	Zinc	196.9683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32297	68111	Zinc	218.6932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32300	68111	Zinc	203.225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32303	68111	Zinc	166.3434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32304	68111	Zinc	308.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32305	68111	Zinc	213.2464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32306	68111	Zinc	194.8946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32307	68111	Zinc	133.093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32308	68111	Zinc	93.5948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32309	68111	Zinc	173.4545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32311	68111	Zinc	236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32314	68111	Zinc	722.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32315	68111	Zinc	170.5887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32316	68111	Zinc	350.3153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32318	68111	Zinc	154.9514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32319	68111	Zinc	110.309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32320	68111	Zinc	915.581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32321	68111	Zinc	265.6763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32322	68111	Zinc	548.9544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32324	68111	Zinc	163.6378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32325	68111	Zinc	154.8891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32326	68111	Zinc	142.0909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32327	68111	Zinc	189.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32328	68111	Zinc	262.2854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32330	68111	Zinc	167.4826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32331	68111	Zinc	256.7585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32332	68111	Zinc	122.5287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32334	68111	Zinc	174.567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32335	68111	Zinc	178.7322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32336	68111	Zinc	241.3971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32337	68111	Zinc	182.1409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32338	68111	Zinc	274.3894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32339	68111	Zinc	172.075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32340	68111	Zinc	155.7613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32341	68111	Zinc	152.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32342	68111	Zinc	94.7607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32345	68111	Zinc	203.759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32346	68111	Zinc	179.6845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32347	68111	Zinc	164.0917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32348	68111	Zinc	118.4792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32349	68111	Zinc	105.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32350	68111	Zinc	111.5817	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
32368	68111	Zinc	386.6184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32369	68111	Zinc	287.7038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32370	68111	Zinc	131.3575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32372	68111	Zinc	330.9222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32375	68111	Zinc	488.0339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32377	68111	Zinc	169.6275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32378	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32379	68111	Zinc	258.2804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32380	68111	Zinc	188.3442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32381	68111	Zinc	284.0014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32382	68111	Zinc	138.8246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32384	68111	Zinc	242.2159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32385	68111	Zinc	468.5251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32386	68111	Zinc	185.4428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32388	68111	Zinc	115.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32390	68111	Zinc	87.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
32391	68111	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32393	68111	Zinc	287.2232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32395	68111	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32396	68111	Zinc	120.7665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32398	68111	Zinc	191.2367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32399	68111	Zinc	282.1502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32400	68111	Zinc	158.8496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32403	68111	Zinc	178.1003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32405	68111	Zinc	143.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32407	68111	Zinc	268.0971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32409	68111	Zinc	273.5973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32410	68111	Zinc	168.6841	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32411	68111	Zinc	281.9099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32412	68111	Zinc	213.4778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32414	68111	Zinc	434.9187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32415	68111	Zinc	141.8061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32416	68111	Zinc	382.3642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32417	68111	Zinc	125.0474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32418	68111	Zinc	362.4994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32419	68111	Zinc	401.1966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32420	68111	Zinc	155.5833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32421	68111	Zinc	161.3594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32425	68111	Zinc	304.596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32427	68111	Zinc	253.4388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32428	68111	Zinc	157.2476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32429	68111	Zinc	413.9948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32430	68111	Zinc	290.3026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32431	68111	Zinc	200.4126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32432	68111	Zinc	236.8225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32434	68111	Zinc	119.7875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32435	68111	Zinc	374.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32436	68111	Zinc	141.1564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32437	68111	Zinc	250.4751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32438	68111	Zinc	180.4499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32441	68111	Zinc	419.6552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32442	68111	Zinc	203.9281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32443	68111	Zinc	137.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32444	68111	Zinc	444.2014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32445	68111	Zinc	182.7906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32447	68111	Zinc	391.0239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32449	68111	Zinc	282.9245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32450	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32451	68111	Zinc	143.3903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32452	68111	Zinc	151.7296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32453	68111	Zinc	353.2078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32454	68111	Zinc	341.4331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32455	68111	Zinc	130.9926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32456	68111	Zinc	640.6511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32457	68111	Zinc	137.9079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32458	68111	Zinc	311.2265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32460	68111	Zinc	146.3451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32461	68111	Zinc	192.8921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32464	68111	Zinc	183.9743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32466	68111	Zinc	352.59815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32467	68111	Zinc	216.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32472	68111	Zinc	155.0493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32473	68111	Zinc	371.0879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32474	68111	Zinc	442.0743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32475	68111	Zinc	270.1708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32476	68111	Zinc	172.7959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32477	68111	Zinc	232.6662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32478	68111	Zinc	425.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32479	68111	Zinc	196.1851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32481	68111	Zinc	391.2642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32482	68111	Zinc	163.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32483	68111	Zinc	286.6002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32486	68111	Zinc	116.7971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32487	68111	Zinc	158.1287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32488	68111	Zinc	197.9384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32490	68111	Zinc	166.8596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32491	68111	Zinc	230.014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32492	68111	Zinc	147.0126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
32512	68111	Zinc	108.7337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32513	68111	Zinc	261.7158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32515	68111	Zinc	141.0763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32517	68111	Zinc	166.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32518	68111	Zinc	401.8018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32522	68111	Zinc	260.5855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32523	68111	Zinc	129.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32524	68111	Zinc	1311.631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
32527	68111	Zinc	109.5792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32528	68111	Zinc	301.1339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32530	68111	Zinc	133.6181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32533	68111	Zinc	115.827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32534	68111	Zinc	125.1631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32535	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32537	68111	Zinc	334.3843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32539	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32542	68111	Zinc	292.6344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32543	68111	Zinc	146.1938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32544	68111	Zinc	536.9572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32545	68111	Zinc	202.5842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32546	68111	Zinc	104.4884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
32547	68111	Zinc	177.1569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32549	68111	Zinc	181.687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32550	68111	Zinc	254.1241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32551	68111	Zinc	222.6626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32553	68111	Zinc	207.4169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32554	68111	Zinc	362.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32557	68111	Zinc	131.5266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32558	68111	Zinc	247.6805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32559	68111	Zinc	659.0385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32560	68111	Zinc	200.5995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32561	68111	Zinc	163.4776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32562	68111	Zinc	456.2965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32563	68111	Zinc	162.463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32565	68111	Zinc	184.3926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32567	68111	Zinc	343.0262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32569	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32571	68111	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32572	68111	Zinc	126.9342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32573	68111	Zinc	370.5806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32574	68111	Zinc	144.1379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32575	68111	Zinc	456.8305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32576	68111	Zinc	492.2169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32577	68111	Zinc	198.7305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32578	68111	Zinc	196.6212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32580	68111	Zinc	188.0238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32581	68111	Zinc	489.0218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32582	68111	Zinc	129.2838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32585	68111	Zinc	509.9546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32586	68111	Zinc	302.5668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32587	68111	Zinc	617.7158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32589	68111	Zinc	284.8825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32591	68111	Zinc	347.9212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32592	68111	Zinc	178.2605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32593	68111	Zinc	167.1355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32594	68111	Zinc	203.2072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32596	68111	Zinc	207.3457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32597	68111	Zinc	145.8912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32599	68111	Zinc	160.6652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32600	68111	Zinc	131.7491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32602	68111	Zinc	119.4404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32603	68111	Zinc	134.0275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32604	68111	Zinc	193.7465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32606	68111	Zinc	207.3546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32607	68111	Zinc	207.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32608	68111	Zinc	196.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32611	68111	Zinc	328.3056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32612	68111	Zinc	40.85785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32613	68111	Zinc	224.5494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32615	68111	Zinc	431.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32616	68111	Zinc	296.0965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32618	68111	Zinc	348.7222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32620	68111	Zinc	319.5391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32622	68111	Zinc	216.6729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32623	68111	Zinc	246.2298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32629	68111	Zinc	264.3502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32630	68111	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32631	68111	Zinc	256.9632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32632	68111	Zinc	161.9735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32633	68111	Zinc	189.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32639	68111	Zinc	252.7179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32640	68111	Zinc	574.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32642	68111	Zinc	522.5303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32643	68111	Zinc	233.1023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32644	68111	Zinc	262.6859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32646	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32648	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32656	68111	Zinc	186.4218	3.00E-01	--	3.00E-01	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
32674	68111	Zinc	175.0476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32675	68111	Zinc	129.0791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32677	68111	Zinc	401.6772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32678	68111	Zinc	219.4408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32679	68111	Zinc	463.0783	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32680	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32681	68111	Zinc	214.4479	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32682	68111	Zinc	537.4022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32684	68111	Zinc	304.2845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32686	68111	Zinc	230	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32687	68111	Zinc	254.9963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32688	68111	Zinc	221.5145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32690	68111	Zinc	155.7168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32692	68111	Zinc	311.3867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32693	68111	Zinc	185.3983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32694	68111	Zinc	281.2246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32695	68111	Zinc	204.0349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32696	68111	Zinc	201.6052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32697	68111	Zinc	222.8673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32699	68111	Zinc	322.7698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32701	68111	Zinc	285.6568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32702	68111	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32703	68111	Zinc	436.5919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32704	68111	Zinc	351.7838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32706	68111	Zinc	227.8958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32708	68111	Zinc	153.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32709	68111	Zinc	360.0786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32713	68111	Zinc	171.5054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32714	68111	Zinc	166.1565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32715	68111	Zinc	138.2283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32717	68111	Zinc	446.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32718	68111	Zinc	175.9732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32722	68111	Zinc	595.6082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32724	68111	Zinc	367.608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32726	68111	Zinc	1198.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
32736	68111	Zinc	352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32740	68111	Zinc	135.318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32741	68111	Zinc	259.7044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32745	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32746	68111	Zinc	277.6913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32747	68111	Zinc	147.7068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32748	68111	Zinc	218.3639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32749	68111	Zinc	182.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32753	68111	Zinc	212.4187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32755	68111	Zinc	138.077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32756	68111	Zinc	271.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32757	68111	Zinc	358.8504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32758	68111	Zinc	180.4677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32760	68111	Zinc	401.4013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32761	68111	Zinc	193.8978	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32764	68111	Zinc	212.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32765	68111	Zinc	187.7835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32768	68111	Zinc	498.2244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32770	68111	Zinc	465.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32771	68111	Zinc	620.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32775	68111	Zinc	380.5575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32776	68111	Zinc	260.4876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32777	68111	Zinc	142.4825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32778	68111	Zinc	143.2301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32779	68111	Zinc	281.7408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32780	68111	Zinc	178.4385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32781	68111	Zinc	496.6847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32782	68111	Zinc	123.9794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32783	68111	Zinc	354.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32784	68111	Zinc	448.9273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32785	68111	Zinc	194.3784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32787	68111	Zinc	204.5422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32789	68111	Zinc	112.4628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32791	68111	Zinc	165.8539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32792	68111	Zinc	186.7244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32793	68111	Zinc	661.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32794	68111	Zinc	389.7512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32795	68111	Zinc	178.3228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32797	68111	Zinc	360.7906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32798	68111	Zinc	267.8746	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32800	68111	Zinc	262.0273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32802	68111	Zinc	201.6141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32803	68111	Zinc	458.1121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32804	68111	Zinc	354.614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32805	68111	Zinc	159.5616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32806	68111	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32807	68111	Zinc	192.9099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32808	68111	Zinc	253.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32809	68111	Zinc	718.8465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32810	68111	Zinc	160.149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32813	68111	Zinc	356.6343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32816	68111	Zinc	224.941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32817	68111	Zinc	287.2143	3.00E-01	--	3.00E-01	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
32834	68111	Zinc	219.8324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32835	68111	Zinc	376.8996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32836	68111	Zinc	215.774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32837	68111	Zinc	678.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32840	68111	Zinc	231.5092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32841	68111	Zinc	348.0458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32843	68111	Zinc	156.3398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32844	68111	Zinc	99.2819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
32845	68111	Zinc	433.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32847	68111	Zinc	271.8796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32848	68111	Zinc	150.1365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32851	68111	Zinc	217.0734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32852	68111	Zinc	300.3151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32853	68111	Zinc	148.1607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
32854	68111	Zinc	268.4264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32856	68111	Zinc	200.1545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32857	68111	Zinc	159.7574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32858	68111	Zinc	215.8719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32859	68111	Zinc	157.5858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32860	68111	Zinc	163.9582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32861	68111	Zinc	109.419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32862	68111	Zinc	141.7616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32863	68111	Zinc	110.7985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
32865	68111	Zinc	527.1494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32866	68111	Zinc	404.5163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32868	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32871	68111	Zinc	348.7845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32873	68111	Zinc	276.1605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32874	68111	Zinc	128.8121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32876	68111	Zinc	515.7663	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32877	68111	Zinc	182.2477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32878	68111	Zinc	307.5508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32879	68111	Zinc	235.0425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32880	68111	Zinc	152.5662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32881	68111	Zinc	219.9392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32882	68111	Zinc	219.8591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32884	68111	Zinc	135.5494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32885	68111	Zinc	168.7553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
32886	68111	Zinc	248.9443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32888	68111	Zinc	284.2951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32889	68111	Zinc	467.2702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32890	68111	Zinc	669.6206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32891	68111	Zinc	191.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32892	68111	Zinc	331.9724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
32893	68111	Zinc	684.893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32894	68111	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32896	68111	Zinc	499.7107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32898	68111	Zinc	220.0816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32900	68111	Zinc	130.8324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32902	68111	Zinc	215.9876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32904	68111	Zinc	182.2566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32905	68111	Zinc	235.6121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32907	68111	Zinc	141.0852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32909	68111	Zinc	237.5612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32910	68111	Zinc	740.0819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
32912	68111	Zinc	319.0852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32914	68111	Zinc	322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32916	68111	Zinc	878.0853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32917	68111	Zinc	268.8269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32921	68111	Zinc	421.2216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32922	68111	Zinc	580.4248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
32924	68111	Zinc	363.336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32926	68111	Zinc	126.418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
32928	68111	Zinc	286.1997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32929	68111	Zinc	2311.991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
32930	68111	Zinc	317.8748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32931	68111	Zinc	236.4932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32932	68111	Zinc	136.8933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
32933	68111	Zinc	253.421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32935	68111	Zinc	228.1005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32940	68111	Zinc	444.5752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32941	68111	Zinc	238.7805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32942	68111	Zinc	206.4201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32946	68111	Zinc	262.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32948	68111	Zinc	292.8124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32949	68111	Zinc	244.521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32953	68111	Zinc	313.6651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32956	68111	Zinc	195.7134	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32957	68111	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32958	68111	Zinc	199.309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32960	68111	Zinc	50.854775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
32963	68111	Zinc	980.907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
32965	68111	Zinc	263.8607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32967	68111	Zinc	393.3557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32968	68111	Zinc	162.6855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
32969	68111	Zinc	205.5123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
32970	68111	Zinc	184.0277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32971	68111	Zinc	99.1484	3.00E-01	--

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																			RME	RME	RME
32985	68111	Zinc	301.1072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
32987	68111	Zinc	190.142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
32989	68111	Zinc	489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32990	68111	Zinc	179.373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32991	68111	Zinc	354.5695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32992	68111	Zinc	177.771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
32994	68111	Zinc	420.1625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32997	68111	Zinc	222.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
32998	68111	Zinc	372.4496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
32999	68111	Zinc	146.1582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33000	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33001	68111	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33003	68111	Zinc	256.002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33004	68111	Zinc	370.4204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33005	68111	Zinc	177.1925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33007	68111	Zinc	573.5273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33008	68111	Zinc	168.9689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33009	68111	Zinc	157.2031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33010	68111	Zinc	301.3297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33011	68111	Zinc	202.4418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33012	68111	Zinc	208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33013	68111	Zinc	506.0831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33014	68111	Zinc	152.3615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33015	68111	Zinc	251.4363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33016	68111	Zinc	383.8594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33018	68111	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33024	68111	Zinc	266.949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33025	68111	Zinc	160.1846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33027	68111	Zinc	242.9012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33028	68111	Zinc	193.3549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33030	68111	Zinc	258.4317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33031	68111	Zinc	495.9994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33032	68111	Zinc	126.6494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33033	68111	Zinc	259.5264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33034	68111	Zinc	150.7061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33035	68111	Zinc	349.5499	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33036	68111	Zinc	371.3816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33037	68111	Zinc	1044.631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
33040	68111	Zinc	377.8163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33041	68111	Zinc	256.3669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33042	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33043	68111	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33044	68111	Zinc	277.7358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33047	68111	Zinc	354.0533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33048	68111	Zinc	136.5195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33049	68111	Zinc	292.4831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33050	68111	Zinc	174.0241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33051	68111	Zinc	123.9972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33052	68111	Zinc	184.2947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33053	68111	Zinc	944.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33054	68111	Zinc	337.0187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33055	68111	Zinc	235.8524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33056	68111	Zinc	460.1591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33058	68111	Zinc	159.704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33059	68111	Zinc	332.0258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33060	68111	Zinc	166.913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33061	68111	Zinc	290.089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33062	68111	Zinc	446.4976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33063	68111	Zinc	219.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33069	68111	Zinc	177.059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33072	68111	Zinc	299.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33073	68111	Zinc	500.4227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33075	68111	Zinc	370.3403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33076	68111	Zinc	260.2028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33077	68111	Zinc	606.8311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33079	68111	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33081	68111	Zinc	252.798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33086	68111	Zinc	816.3015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33088	68111	Zinc	927.863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33089	68111	Zinc	889.6019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33092	68111	Zinc	277.4065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33093	68111	Zinc	234.998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33094	68111	Zinc	285.1495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33095	68111	Zinc	246.2654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33099	68111	Zinc	137.5252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33101	68111	Zinc	125.4924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33103	68111	Zinc	362.5884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33104	68111	Zinc	619.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33105	68111	Zinc	189.8572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33106	68111	Zinc	500.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33107	68111	Zinc	177.4595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33108	68111	Zinc	277.3798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33109	68111	Zinc	195.2506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33111	68111	Zinc	286.885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33112	68111	Zinc	544.5934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33114	68111	Zinc	281.5005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33115	68111	Zinc	172.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33116	68111	Zinc	222.6893	3.00E-01	--	3.00E-01	--	1.28E-

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
33135	68111	Zinc	373.0548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33137	68111	Zinc	156.3131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33139	68111	Zinc	41.85465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
33140	68111	Zinc	268.6845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33141	68111	Zinc	324.7456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33142	68111	Zinc	314.1546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33143	68111	Zinc	286.8138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33144	68111	Zinc	143.3725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33145	68111	Zinc	153.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33146	68111	Zinc	238.5491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33148	68111	Zinc	209.277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33149	68111	Zinc	274.1847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33150	68111	Zinc	156.678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33153	68111	Zinc	209.5529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33154	68111	Zinc	612.9365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33155	68111	Zinc	208.3514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33156	68111	Zinc	466.6917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33157	68111	Zinc	312.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33158	68111	Zinc	175.3947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33159	68111	Zinc	283.5564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33160	68111	Zinc	267.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33162	68111	Zinc	399.9239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33164	68111	Zinc	218.5419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33165	68111	Zinc	146.8346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33166	68111	Zinc	239.3323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33167	68111	Zinc	402.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33168	68111	Zinc	285.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33169	68111	Zinc	328.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33170	68111	Zinc	142.7851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33172	68111	Zinc	311.8584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33173	68111	Zinc	593.0628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33175	68111	Zinc	137.9524	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33177	68111	Zinc	214.1987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33179	68111	Zinc	514.5292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33180	68111	Zinc	1003.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
33181	68111	Zinc	172.0572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33182	68111	Zinc	416.2643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33185	68111	Zinc	105.8946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33186	68111	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33187	68111	Zinc	144.218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33188	68111	Zinc	162.6677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33189	68111	Zinc	157.0073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33190	68111	Zinc	204.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33192	68111	Zinc	152.4416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33198	68111	Zinc	221.3276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33200	68111	Zinc	527.0337	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33201	68111	Zinc	393.8452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33202	68111	Zinc	128.821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33204	68111	Zinc	163.0059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33205	68111	Zinc	117.4201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33206	68111	Zinc	1019.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
33207	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33208	68111	Zinc	141.993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33210	68111	Zinc	207.6483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33211	68111	Zinc	165.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33213	68111	Zinc	288.8519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33214	68111	Zinc	546.7205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33217	68111	Zinc	179.8002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33221	68111	Zinc	130.067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33222	68111	Zinc	324.7011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33223	68111	Zinc	660.4358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33224	68111	Zinc	299.2916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33226	68111	Zinc	259.7133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33228	68111	Zinc	183.6628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33230	68111	Zinc	170.8824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33233	68111	Zinc	155.6278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33235	68111	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33236	68111	Zinc	224.9944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33239	68111	Zinc	475.4226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33240	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33242	68111	Zinc	664.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33243	68111	Zinc	333.9215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33244	68111	Zinc	166.1476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33245	68111	Zinc	312.5793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33247	68111	Zinc	214.6971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33248	68111	Zinc	478.8847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33250	68111	Zinc	407.2842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33251	68111	Zinc	329.1956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33252	68111	Zinc	528.9917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33256	68111	Zinc	446.6311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33259	68111	Zinc	458.0409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33260	68111	Zinc	125.2432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33261	68111	Zinc	315.4273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33262	68111	Zinc	211.6622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33263	68111	Zinc	105.3962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
33264	68111	Zinc	202.8245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33266	68111	Zinc	114.1716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33270	68111	Zinc	210.1492	3.00E-01	--	3.00E-01	--

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
33307	68111	Zinc	221.1941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33309	68111	Zinc	630.3983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33310	68111	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33312	68111	Zinc	621.2847	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33313	68111	Zinc	220.6067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33314	68111	Zinc	361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33316	68111	Zinc	451.0366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33317	68111	Zinc	620	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33319	68111	Zinc	441.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33320	68111	Zinc	307.533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33321	68111	Zinc	222.3511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33324	68111	Zinc	326.935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33325	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33327	68111	Zinc	327.2554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33329	68111	Zinc	193.4884	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33331	68111	Zinc	207.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33332	68111	Zinc	133.0218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33333	68111	Zinc	213.0684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33334	68111	Zinc	218.2037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33335	68111	Zinc	690.8471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33336	68111	Zinc	205.183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33339	68111	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33342	68111	Zinc	260.9504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33343	68111	Zinc	907.9715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33346	68111	Zinc	411.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33347	68111	Zinc	449.7461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33348	68111	Zinc	616.5321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33349	68111	Zinc	422.1472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33350	68111	Zinc	196.0872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33351	68111	Zinc	281.4738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33355	68111	Zinc	215.3468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33356	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33357	68111	Zinc	163.086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33358	68111	Zinc	306.9545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33360	68111	Zinc	196.194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33361	68111	Zinc	255.201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33362	68111	Zinc	93.1409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
33365	68111	Zinc	258.8055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33368	68111	Zinc	288.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33369	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33372	68111	Zinc	1237.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
33373	68111	Zinc	193.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33374	68111	Zinc	196.2029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33377	68111	Zinc	165.3199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33378	68111	Zinc	438.096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33380	68111	Zinc	530.9675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33382	68111	Zinc	277.718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33383	68111	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33384	68111	Zinc	147.2084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33385	68111	Zinc	722.7358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33386	68111	Zinc	618.3833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33389	68111	Zinc	317.5455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33390	68111	Zinc	149.1842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33391	68111	Zinc	201.534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33392	68111	Zinc	217.821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33395	68111	Zinc	286.262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33397	68111	Zinc	432.7293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33398	68111	Zinc	227.5665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33400	68111	Zinc	247.636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33401	68111	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33405	68111	Zinc	155.6189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33406	68111	Zinc	593.3209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33407	68111	Zinc	334.055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33408	68111	Zinc	269.2719	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33411	68111	Zinc	313.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33412	68111	Zinc	124.4155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33414	68111	Zinc	238.7093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33415	68111	Zinc	298.0011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33416	68111	Zinc	378.1011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33419	68111	Zinc	213.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33424	68111	Zinc	153.8211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33425	68111	Zinc	219.6544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33429	68111	Zinc	351.8639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33430	68111	Zinc	551.9804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33431	68111	Zinc	265.6318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33432	68111	Zinc	391.104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33433	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33436	68111	Zinc	518.4274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33437	68111	Zinc	233.4672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33438	68111	Zinc	211.9559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33439	68111	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33441	68111	Zinc	224.229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33442	68111	Zinc	201.1691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33447	68111	Zinc	540.0099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33450	68111	Zinc	306.1802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33451	68111	Zinc	341.2106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33453	68111	Zinc	187.2228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33456	68111	Zinc	330.94	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
33480	68111	Zinc	228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33482	68111	Zinc	636.744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33484	68111	Zinc	287.0808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33485	68111	Zinc	167.7496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33489	68111	Zinc	172.7959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33490	68111	Zinc	806.7073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33492	68111	Zinc	186.9736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33493	68111	Zinc	519.1305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33495	68111	Zinc	402.4871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33496	68111	Zinc	460.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33499	68111	Zinc	313.8253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33501	68111	Zinc	537.3488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33503	68111	Zinc	192.189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33504	68111	Zinc	242.2871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33506	68111	Zinc	255.8507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33511	68111	Zinc	204.6935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33515	68111	Zinc	179.8536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33517	68111	Zinc	566.1848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33520	68111	Zinc	524.5506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33521	68111	Zinc	343.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33522	68111	Zinc	402.4159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33523	68111	Zinc	177.4862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33525	68111	Zinc	290.1602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33526	68111	Zinc	272.4136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33530	68111	Zinc	240.9521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33531	68111	Zinc	210.7722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33534	68111	Zinc	412.4729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33538	68111	Zinc	173.7126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33542	68111	Zinc	449.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33544	68111	Zinc	278.2253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33545	68111	Zinc	245.7225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33546	68111	Zinc	261.1284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33549	68111	Zinc	191.0231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33551	68111	Zinc	462.6155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33552	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33556	68111	Zinc	224.7363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33558	68111	Zinc	183.8319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33559	68111	Zinc	277.6824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33561	68111	Zinc	532.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33564	68111	Zinc	396.0969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33565	68111	Zinc	205.6369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33566	68111	Zinc	243.9959	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33567	68111	Zinc	181.5713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33569	68111	Zinc	278.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33570	68111	Zinc	185.7454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33571	68111	Zinc	361.3958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33572	68111	Zinc	223.1343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33573	68111	Zinc	199.309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33574	68111	Zinc	167.8297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33577	68111	Zinc	538.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33578	68111	Zinc	393.5871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33580	68111	Zinc	159.4726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33581	68111	Zinc	1040.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
33583	68111	Zinc	291.7444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33584	68111	Zinc	119.1022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33587	68111	Zinc	400.7516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33588	68111	Zinc	245.1351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33593	68111	Zinc	242.2426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33597	68111	Zinc	158.6538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33598	68111	Zinc	198.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33600	68111	Zinc	236.5822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33601	68111	Zinc	216.8687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33603	68111	Zinc	388.8256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33604	68111	Zinc	122.0036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33607	68111	Zinc	268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33608	68111	Zinc	180.2096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33609	68111	Zinc	232.595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33610	68111	Zinc	752.2927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33612	68111	Zinc	221.7993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33614	68111	Zinc	212.7124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33618	68111	Zinc	294.8238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33619	68111	Zinc	177.6108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33621	68111	Zinc	180.2541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33623	68111	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33628	68111	Zinc	287.8907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33630	68111	Zinc	664.8858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33631	68111	Zinc	236.1817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33633	68111	Zinc	314.9289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33634	68111	Zinc	486.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33637	68111	Zinc	262.2765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33641	68111	Zinc	181.865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33644	68111	Zinc	241.6374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33645	68111	Zinc	225.4216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33647	68111	Zinc	533.1035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33648	68111	Zinc	264.4837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33650	68111	Zinc	333.0582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33651	68111	Zinc	250.4128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33652	68111	Zinc	246.3989	3.00E-01	--	3.00E-01

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)		
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
33671	68111	Zinc	192.3759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33672	68111	Zinc	292.3941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33673	68111	Zinc	158.1732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33674	68111	Zinc	483.842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33675	68111	Zinc	310.0695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33676	68111	Zinc	200.466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33678	68111	Zinc	200.6351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33680	68111	Zinc	525.3427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33683	68111	Zinc	228.946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33685	68111	Zinc	299.0869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33686	68111	Zinc	281.5005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33689	68111	Zinc	648.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33690	68111	Zinc	268.5065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33696	68111	Zinc	577.9684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33701	68111	Zinc	213.282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33702	68111	Zinc	474.853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33703	68111	Zinc	364.5108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33704	68111	Zinc	464.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33705	68111	Zinc	359.4378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33707	68111	Zinc	267.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33708	68111	Zinc	249.2647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33710	68111	Zinc	319.2098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33711	68111	Zinc	242.1803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33712	68111	Zinc	315.1603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33713	68111	Zinc	816.2392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
33715	68111	Zinc	154.1949	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33716	68111	Zinc	191.1922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33717	68111	Zinc	213.6469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33719	68111	Zinc	200.4304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33720	68111	Zinc	639.948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33721	68111	Zinc	202.9046	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33722	68111	Zinc	127.4326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33723	68111	Zinc	393.7651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33724	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33727	68111	Zinc	512.4466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33729	68111	Zinc	82.9326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
33730	68111	Zinc	244.9037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33733	68111	Zinc	128.4027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33734	68111	Zinc	177.0768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33736	68111	Zinc	168.7108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33737	68111	Zinc	157.3455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33738	68111	Zinc	173.7126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33740	68111	Zinc	709.7774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33741	68111	Zinc	256.8742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33742	68111	Zinc	641.5856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33743	68111	Zinc	192.0466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33744	68111	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33745	68111	Zinc	201.6497	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33746	68111	Zinc	162.7033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33750	68111	Zinc	367.5368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33751	68111	Zinc	192.4827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33752	68111	Zinc	247.0041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33753	68111	Zinc	169.227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33755	68111	Zinc	581.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33757	68111	Zinc	240.0888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33758	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33759	68111	Zinc	156.9272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33760	68111	Zinc	326.312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33761	68111	Zinc	203.7056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33763	68111	Zinc	575.7078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33764	68111	Zinc	468.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33767	68111	Zinc	239.092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33768	68111	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33769	68111	Zinc	220.3664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33772	68111	Zinc	280	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33780	68111	Zinc	225.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33781	68111	Zinc	379.8366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33782	68111	Zinc	356.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33785	68111	Zinc	243.7378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33786	68111	Zinc	215.4447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33788	68111	Zinc	364.7511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33792	68111	Zinc	372.4585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33794	68111	Zinc	184.7397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33795	68111	Zinc	215.8986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33796	68111	Zinc	245.1084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33797	68111	Zinc	476.0634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33799	68111	Zinc	357.8803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33802	68111	Zinc	124.9495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33803	68111	Zinc	358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33804	68111	Zinc	244.6367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33805	68111	Zinc	250.1903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33806	68111	Zinc	335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33807	68111	Zinc	224.5939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33809	68111	Zinc	472.6547	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33810	68111	Zinc	535.2306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33813	68111	Zinc	169.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
33817	68111	Zinc	406.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33818	68111	Zinc	193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
33845	68111	Zinc	193.079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33848	68111	Zinc	203.492	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33850	68111	Zinc	555.6116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33851	68111	Zinc	142.7673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
33856	68111	Zinc	456.9195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33859	68111	Zinc	471.4443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33861	68111	Zinc	159.8108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33863	68111	Zinc	199.3179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33865	68111	Zinc	274.247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33868	68111	Zinc	375.1819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33869	68111	Zinc	232.7641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33870	68111	Zinc	216.3614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33871	68111	Zinc	295.9452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33873	68111	Zinc	238.6381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33875	68111	Zinc	267.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33878	68111	Zinc	162.9525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33885	68111	Zinc	309.4376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33889	68111	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33891	68111	Zinc	423.2508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33895	68111	Zinc	261.1907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33896	68111	Zinc	913.445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
33899	68111	Zinc	349.8525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33900	68111	Zinc	463.2207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33901	68111	Zinc	160.3893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33903	68111	Zinc	346.1946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33908	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33910	68111	Zinc	209.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33911	68111	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33913	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33915	68111	Zinc	386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33919	68111	Zinc	159.882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33923	68111	Zinc	128.1179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33924	68111	Zinc	304.1688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33930	68111	Zinc	217.7498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33931	68111	Zinc	199.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33932	68111	Zinc	263.7183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33933	68111	Zinc	388.4162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33937	68111	Zinc	185.4784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33938	68111	Zinc	200.199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
33939	68111	Zinc	344.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33942	68111	Zinc	108.5824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33944	68111	Zinc	544.0505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33945	68111	Zinc	161.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33947	68111	Zinc	235.7634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33948	68111	Zinc	444.4328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33949	68111	Zinc	138.3084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
33950	68111	Zinc	621.4271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33951	68111	Zinc	179.8892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
33953	68111	Zinc	159.3035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
33954	68111	Zinc	238.7538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33955	68111	Zinc	289.6796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33956	68111	Zinc	316.0681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33957	68111	Zinc	425.7072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33959	68111	Zinc	209.3838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33964	68111	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33966	68111	Zinc	411.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33967	68111	Zinc	563.319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33971	68111	Zinc	190.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
33972	68111	Zinc	345.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
33976	68111	Zinc	1310.029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
33977	68111	Zinc	219.5921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33978	68111	Zinc	124.3265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
33981	68111	Zinc	305.5928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33983	68111	Zinc	211.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
33985	68111	Zinc	722.7002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
33987	68111	Zinc	110.4336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
33988	68111	Zinc	279.765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33989	68111	Zinc	557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
33992	68111	Zinc	369.3079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
33993	68111	Zinc	94.3068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
33995	68111	Zinc	259.028	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33996	68111	Zinc	308.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33997	68111	Zinc	248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
33998	68111	Zinc	351.1341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34001	68111	Zinc	335.4612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34003	68111	Zinc	357.8269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34004	68111	Zinc	265.5695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34005	68111	Zinc	367.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34006	68111	Zinc	224.9944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34008	68111	Zinc	291.0591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34011	68111	Zinc	249.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34014	68111	Zinc	261.8226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34015	68111	Zinc	294.183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34016	68111	Zinc	180.8059	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34017	68111	Zinc	258.9924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34018	68111	Zinc	266.6998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34019	68111	Zinc	414.3953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34021	68111	Zinc	588.0699	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
34044	68111	Zinc	214.5992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34051	68111	Zinc	265.258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34052	68111	Zinc	434.5716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34056	68111	Zinc	195.5176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34059	68111	Zinc	231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34060	68111	Zinc	408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34061	68111	Zinc	167.5716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34062	68111	Zinc	401.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34063	68111	Zinc	191.0409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34064	68111	Zinc	190.3734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34065	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34066	68111	Zinc	311.9118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34067	68111	Zinc	223.9709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34069	68111	Zinc	134.517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34070	68111	Zinc	288.8875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34074	68111	Zinc	475.0043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34075	68111	Zinc	224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34077	68111	Zinc	274.0512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34078	68111	Zinc	540.5083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34079	68111	Zinc	233.2625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34080	68111	Zinc	327.9852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34082	68111	Zinc	191.5393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34083	68111	Zinc	468.3382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34084	68111	Zinc	535.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34085	68111	Zinc	178.2872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34086	68111	Zinc	154.4797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34087	68111	Zinc	270.9807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34088	68111	Zinc	191.7529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34090	68111	Zinc	213.0684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34091	68111	Zinc	164.599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34094	68111	Zinc	282.1947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34095	68111	Zinc	264.0031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34099	68111	Zinc	693.4548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34101	68111	Zinc	254.8984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34103	68111	Zinc	360.2032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34105	68111	Zinc	534.6788	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34107	68111	Zinc	132.5679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34111	68111	Zinc	270.9095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34112	68111	Zinc	381.1449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34113	68111	Zinc	310.381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34118	68111	Zinc	457.4268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34119	68111	Zinc	177.8155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34120	68111	Zinc	360.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34125	68111	Zinc	509.9546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34126	68111	Zinc	269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34127	68111	Zinc	200.0121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34128	68111	Zinc	1978.241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	9E-03
34129	68111	Zinc	259.7222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34130	68111	Zinc	170.1348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34131	68111	Zinc	265.8276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34135	68111	Zinc	359.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34136	68111	Zinc	199.2111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34137	68111	Zinc	408.8061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34139	68111	Zinc	590.4373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34140	68111	Zinc	246.9774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34141	68111	Zinc	320.7406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34142	68111	Zinc	277.9494	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34143	68111	Zinc	236.4398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34144	68111	Zinc	296.9242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34145	68111	Zinc	205.005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34146	68111	Zinc	449.7728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34147	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34149	68111	Zinc	270.7315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34151	68111	Zinc	306.7587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34153	68111	Zinc	175.2968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34154	68111	Zinc	328.6972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34155	68111	Zinc	183.5827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34156	68111	Zinc	578.7605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34157	68111	Zinc	337.3747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34158	68111	Zinc	128.8388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34160	68111	Zinc	380.9224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34161	68111	Zinc	193.079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34163	68111	Zinc	400.0396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34164	68111	Zinc	314.8488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34165	68111	Zinc	145.6776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34169	68111	Zinc	235.3095	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34170	68111	Zinc	601.7759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34173	68111	Zinc	289.3592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34179	68111	Zinc	153.9368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34180	68111	Zinc	135.2735	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34181	68111	Zinc	128.9723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34182	68111	Zinc	267.1359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34183	68111	Zinc	407.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34184	68111	Zinc	387.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34186	68111	Zinc	207.0164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34187	68111	Zinc	210.6743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34192	68111	Zinc	239.6438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34193	68111	Zinc	324.4341	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
34209	68111	Zinc	605.6385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34211	68111	Zinc	247.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34212	68111	Zinc	218.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34215	68111	Zinc	241.7175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34216	68111	Zinc	286.974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34217	68111	Zinc	169.6453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34219	68111	Zinc	124.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34220	68111	Zinc	263.7984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34221	68111	Zinc	514.7962	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34222	68111	Zinc	481.3945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34223	68111	Zinc	209.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34224	68111	Zinc	251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34225	68111	Zinc	300.9203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34226	68111	Zinc	258.5474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34228	68111	Zinc	536.4232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34229	68111	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34231	68111	Zinc	595.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34233	68111	Zinc	311.7516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34234	68111	Zinc	386.4048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34238	68111	Zinc	513.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34247	68111	Zinc	290.3649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34248	68111	Zinc	359.9896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34250	68111	Zinc	371.9512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34251	68111	Zinc	502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34252	68111	Zinc	491.2201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34253	68111	Zinc	262.4011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34255	68111	Zinc	258.7343	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34257	68111	Zinc	574.3016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34258	68111	Zinc	353.368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34259	68111	Zinc	353.8308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34314	68111	Zinc	484.4828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34315	68111	Zinc	280.1655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34317	68111	Zinc	558.6643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34320	68111	Zinc	225.7509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34326	68111	Zinc	106.5621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34327	68111	Zinc	436.9123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34329	68111	Zinc	649.9961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34331	68111	Zinc	407.9161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34333	68111	Zinc	483.1478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34334	68111	Zinc	611.3612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34336	68111	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34342	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34344	68111	Zinc	275.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34347	68111	Zinc	901.5724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34348	68111	Zinc	411.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34351	68111	Zinc	451.6418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34355	68111	Zinc	166.468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34370	68111	Zinc	315.8812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34371	68111	Zinc	565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34372	68111	Zinc	389.0748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34373	68111	Zinc	501.1169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34374	68111	Zinc	366.3887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34376	68111	Zinc	245.8204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34377	68111	Zinc	267.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34380	68111	Zinc	274.9501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34382	68111	Zinc	227.7445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34383	68111	Zinc	428.0568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34384	68111	Zinc	435.8621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34385	68111	Zinc	423.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34386	68111	Zinc	271.4304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34387	68111	Zinc	401.8819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34389	68111	Zinc	416.9852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34391	68111	Zinc	284.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34392	68111	Zinc	337.4192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34393	68111	Zinc	287.1609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34395	68111	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34396	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34400	68111	Zinc	230.1119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34401	68111	Zinc	394.4415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34402	68111	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34403	68111	Zinc	485.5597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34404	68111	Zinc	392.0563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34406	68111	Zinc	273.8376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34407	68111	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34408	68111	Zinc	261.8938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34409	68111	Zinc	240.1778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34410	68111	Zinc	331.4918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34414	68111	Zinc	132.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34416	68111	Zinc	102.5037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
34421	68111	Zinc	116.005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34422	68111	Zinc	140.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34423	68111	Zinc	254.934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34424	68111	Zinc	145.108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34425	68111	Zinc	127.3169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34426	68111	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34428	68111	Zinc	132.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34429	68111	Zinc	207.1143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34430	68111	Zinc	184.1167	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																			RME	RME	RME
34460	68111	Zinc	268.9515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34462	68111	Zinc	198.7394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34468	68111	Zinc	259.7133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34470	68111	Zinc	303.0029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34471	68111	Zinc	880.4082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
34472	68111	Zinc	429.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34474	68111	Zinc	227.9047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34476	68111	Zinc	263.5848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34478	68111	Zinc	204.1417	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34480	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34481	68111	Zinc	283.3339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34484	68111	Zinc	191.5838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34485	68111	Zinc	263.0953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34487	68111	Zinc	458.0409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34489	68111	Zinc	291.6821	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34490	68111	Zinc	195.5087	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34491	68111	Zinc	327.6826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34492	68111	Zinc	351.855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34496	68111	Zinc	468.5785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34497	68111	Zinc	381.5543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34499	68111	Zinc	402.2913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34500	68111	Zinc	271.1142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34502	68111	Zinc	336.8229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34503	68111	Zinc	145.9891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34505	68111	Zinc	279.498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34506	68111	Zinc	205.4144	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34507	68111	Zinc	355.148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34509	68111	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34512	68111	Zinc	551.2061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34518	68111	Zinc	286.3866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34521	68111	Zinc	1196.554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
34522	68111	Zinc	376.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34523	68111	Zinc	468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34527	68111	Zinc	328.893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34535	68111	Zinc	416.736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34538	68111	Zinc	305.7708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34539	68111	Zinc	144.2002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34545	68111	Zinc	136.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34547	68111	Zinc	233.9656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34550	68111	Zinc	300.3685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34553	68111	Zinc	147.6267	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34555	68111	Zinc	145.6687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34558	68111	Zinc	126.8452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34560	68111	Zinc	314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34562	68111	Zinc	119.0666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34565	68111	Zinc	259.2683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34568	68111	Zinc	270.5357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34570	68111	Zinc	128.287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34572	68111	Zinc	163.1394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34574	68111	Zinc	401.0008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34575	68111	Zinc	118.9064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34580	68111	Zinc	201.5785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34581	68111	Zinc	387.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34583	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34586	68111	Zinc	219.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34591	68111	Zinc	301.214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34594	68111	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34595	68111	Zinc	302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34599	68111	Zinc	271.1053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34600	68111	Zinc	267.2516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34605	68111	Zinc	726.1801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34606	68111	Zinc	186.671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34609	68111	Zinc	439.4755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34612	68111	Zinc	385.2567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34615	68111	Zinc	236.2885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34616	68111	Zinc	268.4887	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34621	68111	Zinc	296.2656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34624	68111	Zinc	184.4282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
34626	68111	Zinc	297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34627	68111	Zinc	483.5038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34628	68111	Zinc	1330.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
34629	68111	Zinc	170.0013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34635	68111	Zinc	493.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34639	68111	Zinc	280.8241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34648	68111	Zinc	105.4496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
34651	68111	Zinc	288.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34654	68111	Zinc	362.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34663	68111	Zinc	213.7715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34665	68111	Zinc	84.7215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34668	68111	Zinc	241.5484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34669	68111	Zinc	172.6268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34670	68111	Zinc	238.024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34672	68111	Zinc	169.1202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34675	68111	Zinc	248.8553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34676	68111	Zinc	166.7439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34679	68111	Zinc	215.1332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34684	68111	Zinc	132.4433	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34685	68111	Zinc	184.5439	3.00E-01	--	3.00E-01	--	1.28E-05

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
34709	68111	Zinc	99.451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
34711	68111	Zinc	412.464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34713	68111	Zinc	476.7131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34729	68111	Zinc	226.3383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34735	68111	Zinc	111.1545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34743	68111	Zinc	280.7974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34747	68111	Zinc	424.0696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34748	68111	Zinc	324.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34749	68111	Zinc	139.6345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34751	68111	Zinc	247.2177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34755	68111	Zinc	170.1882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34758	68111	Zinc	241.406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34759	68111	Zinc	272.9476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34766	68111	Zinc	306.8566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34767	68111	Zinc	476.1702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34771	68111	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34777	68111	Zinc	188.807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34778	68111	Zinc	282.9779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34780	68111	Zinc	483.6551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34781	68111	Zinc	271.4791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34784	68111	Zinc	317.6701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34790	68111	Zinc	536.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34792	68111	Zinc	203.1538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34794	68111	Zinc	203.4653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34797	68111	Zinc	50.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
34799	68111	Zinc	588.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34801	68111	Zinc	151.9521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34805	68111	Zinc	233.4049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34812	68111	Zinc	292.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34814	68111	Zinc	232.6929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34817	68111	Zinc	187.8636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34820	68111	Zinc	288.8163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34822	68111	Zinc	256.7229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34826	68111	Zinc	439.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34827	68111	Zinc	480.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34829	68111	Zinc	221.0517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34830	68111	Zinc	551.3218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34833	68111	Zinc	452.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34835	68111	Zinc	197.1196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34836	68111	Zinc	262.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34852	68111	Zinc	233.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34853	68111	Zinc	145.6687	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
34856	68111	Zinc	198.419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34862	68111	Zinc	187.9882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34863	68111	Zinc	344.5303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34864	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34867	68111	Zinc	359.0373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34868	68111	Zinc	349.1672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34869	68111	Zinc	131.135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34872	68111	Zinc	127.0232	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34874	68111	Zinc	122.3418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
34876	68111	Zinc	119.476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34881	68111	Zinc	212.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34884	68111	Zinc	107.8259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34887	68111	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34888	68111	Zinc	387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34889	68111	Zinc	96.069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
34892	68111	Zinc	117.1264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34896	68111	Zinc	288.1221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34897	68111	Zinc	113.8968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34898	68111	Zinc	133.004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34904	68111	Zinc	766.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
34908	68111	Zinc	382.8893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34911	68111	Zinc	236.1906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34916	68111	Zinc	322.7075	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34917	68111	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34918	68111	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34920	68111	Zinc	412.2237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34921	68111	Zinc	574.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34922	68111	Zinc	250.484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34923	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
34925	68111	Zinc	297.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34926	68111	Zinc	192.4649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34928	68111	Zinc	153.5185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34930	68111	Zinc	371.9512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34931	68111	Zinc	187.5432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
34934	68111	Zinc	286.3777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34935	68111	Zinc	340.6944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
34936	68111	Zinc	583.0414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
34938	68111	Zinc	287.1876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34940	68111	Zinc	205.1919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34941	68111	Zinc	365.7212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34942	68111	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34943	68111	Zinc	525.0401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34944	68111	Zinc	770.0482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
34945	68111	Zinc	162.997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
34946	68111	Zinc	227.6377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34948	68111	Zinc	545.875	3.00E-01	--	3.00E-01	--	1.28E-

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
34966	68111	Zinc	242.118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34968	68111	Zinc	301.926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34971	68111	Zinc	495.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34974	68111	Zinc	215.9431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
34977	68111	Zinc	245.6691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34979	68111	Zinc	292.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34981	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
34985	68111	Zinc	229.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34990	68111	Zinc	288.7362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34992	68111	Zinc	137.7032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
34993	68111	Zinc	313.229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
34995	68111	Zinc	107.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
34996	68111	Zinc	369.4681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
34999	68111	Zinc	364.9558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35002	68111	Zinc	269.8504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35003	68111	Zinc	691.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35005	68111	Zinc	524.1857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35006	68111	Zinc	561.094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35011	68111	Zinc	313.7986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35014	68111	Zinc	455.1039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35023	68111	Zinc	496.5779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35024	68111	Zinc	235.4697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35026	68111	Zinc	327.7894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35029	68111	Zinc	179.2484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35032	68111	Zinc	313.1845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35034	68111	Zinc	364.7066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35035	68111	Zinc	150.1009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35039	68111	Zinc	896.0989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35041	68111	Zinc	179.551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35042	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35043	68111	Zinc	206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35050	68111	Zinc	166.7172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35054	68111	Zinc	588.2657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35055	68111	Zinc	186.2972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35056	68111	Zinc	274.692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35059	68111	Zinc	286.5913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35061	68111	Zinc	853.0229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35066	68111	Zinc	209.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35072	68111	Zinc	233.0489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35073	68111	Zinc	339.4751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35077	68111	Zinc	492.5106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35079	68111	Zinc	129.8445	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35082	68111	Zinc	272.6361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35083	68111	Zinc	121.4607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
35089	68111	Zinc	387.7398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35094	68111	Zinc	321.6484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35095	68111	Zinc	341.5666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35097	68111	Zinc	307.8089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35099	68111	Zinc	188.2374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35101	68111	Zinc	258.3872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35104	68111	Zinc	396.1948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35106	68111	Zinc	363.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35107	68111	Zinc	867.4854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35108	68111	Zinc	247.6538	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35109	68111	Zinc	387.0189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35112	68111	Zinc	1097.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
35115	68111	Zinc	224.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35117	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35118	68111	Zinc	113.2727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35119	68111	Zinc	485.9958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35121	68111	Zinc	380.7444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35123	68111	Zinc	332.542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35124	68111	Zinc	289.4037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35125	68111	Zinc	267.5097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35128	68111	Zinc	240.338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35130	68111	Zinc	306.1891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35133	68111	Zinc	406.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35136	68111	Zinc	186.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35137	68111	Zinc	472.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35138	68111	Zinc	205.806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35141	68111	Zinc	326.5078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35142	68111	Zinc	233.4316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35144	68111	Zinc	457.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35145	68111	Zinc	153.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35146	68111	Zinc	366.5667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35149	68111	Zinc	774.0621	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
35151	68111	Zinc	222.5736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35152	68111	Zinc	670.1635	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35154	68111	Zinc	312.7573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35155	68111	Zinc	314.5284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35156	68111	Zinc	474.2033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35161	68111	Zinc	266.3527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35162	68111	Zinc	291.602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35163	68111	Zinc	271.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35164	68111	Zinc	270.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35165	68111	Zinc	486.3607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35167	68111	Zinc	203.0737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35173	68111	Zinc	747.46	3.00E-01	--	3.00E-01	--	1.28

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSF_o	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
35217	68111	Zinc	202.5842	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35218	68111	Zinc	169.227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35222	68111	Zinc	398.5355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35223	68111	Zinc	257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35225	68111	Zinc	329.4448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35227	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35229	68111	Zinc	370.9811	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35231	68111	Zinc	239.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35232	68111	Zinc	226.721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35233	68111	Zinc	208.4226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35236	68111	Zinc	294.895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35240	68111	Zinc	321.3814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35242	68111	Zinc	461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35247	68111	Zinc	186.9469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35251	68111	Zinc	268.2662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35252	68111	Zinc	353.0654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35262	68111	Zinc	289.644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35263	68111	Zinc	138.0592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35266	68111	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35268	68111	Zinc	466.7006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35269	68111	Zinc	158.1109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35270	68111	Zinc	505.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35271	68111	Zinc	239.3323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35272	68111	Zinc	120.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35273	68111	Zinc	521.311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35275	68111	Zinc	263.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35277	68111	Zinc	455.184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35279	68111	Zinc	465.4546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35281	68111	Zinc	195.9715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35284	68111	Zinc	481.5458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35285	68111	Zinc	483.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35287	68111	Zinc	407.4177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35288	68111	Zinc	288.4603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35290	68111	Zinc	313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35291	68111	Zinc	508.673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35293	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35294	68111	Zinc	216.9488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35295	68111	Zinc	229.7826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35296	68111	Zinc	695.9468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35301	68111	Zinc	455.1573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35305	68111	Zinc	277.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35306	68111	Zinc	313.5405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35309	68111	Zinc	303.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35310	68111	Zinc	323.4907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35311	68111	Zinc	260.541	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35314	68111	Zinc	227.344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35316	68111	Zinc	425.3334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35317	68111	Zinc	261.7336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35322	68111	Zinc	212.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35324	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35328	68111	Zinc	288.4603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35329	68111	Zinc	308.067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35332	68111	Zinc	236.8225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35334	68111	Zinc	213.5579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35345	68111	Zinc	449.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35350	68111	Zinc	275.4307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35352	68111	Zinc	239.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35354	68111	Zinc	292.6789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35355	68111	Zinc	447.0049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35359	68111	Zinc	768.3483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
35360	68111	Zinc	326.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35367	68111	Zinc	198.3567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35369	68111	Zinc	932.135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35373	68111	Zinc	197.0306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35375	68111	Zinc	332.5509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35376	68111	Zinc	298.3838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35378	68111	Zinc	281.7319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35382	68111	Zinc	337.0187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35385	68111	Zinc	311.3689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35387	68111	Zinc	151.1778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35393	68111	Zinc	244.5744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35394	68111	Zinc	188.6824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35398	68111	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35399	68111	Zinc	260.5143	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35401	68111	Zinc	164.0205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35404	68111	Zinc	2660	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
35406	68111	Zinc	324.1938	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35407	68111	Zinc	523.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35409	68111	Zinc	179.729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35411	68111	Zinc	457.2399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35412	68111	Zinc	150.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35414	68111	Zinc	297.9121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35415	68111	Zinc	193.9868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35417	68111	Zinc	250	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35418	68111	Zinc	235.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35425	68111	Zinc	367.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35427	68111	Zinc	210.6387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35428	68111	Zinc	335.4167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
35458	68111	Zinc	441.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35460	68111	Zinc	456.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35462	68111	Zinc	171.4342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35466	68111	Zinc	230.6548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35468	68111	Zinc	359.9273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35469	68111	Zinc	467.9733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35470	68111	Zinc	411.5651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35473	68111	Zinc	281.8832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35474	68111	Zinc	541.0957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35475	68111	Zinc	318.6402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35483	68111	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35488	68111	Zinc	340.0981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35492	68111	Zinc	494.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35495	68111	Zinc	197.7604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35498	68111	Zinc	290.2848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35499	68111	Zinc	223.5259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35503	68111	Zinc	330.3259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35506	68111	Zinc	1208.658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
35507	68111	Zinc	307.4351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35509	68111	Zinc	250.2793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35511	68111	Zinc	174.7272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35513	68111	Zinc	192.0288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35517	68111	Zinc	352.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35518	68111	Zinc	205.4856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35519	68111	Zinc	208.1111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35521	68111	Zinc	218.0613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35529	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35534	68111	Zinc	306.7498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35535	68111	Zinc	324.5765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35536	68111	Zinc	581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35537	68111	Zinc	278.6436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35538	68111	Zinc	198.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35540	68111	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35545	68111	Zinc	201.6586	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35548	68111	Zinc	351.2231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35550	68111	Zinc	353.2345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35553	68111	Zinc	193.6753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35556	68111	Zinc	324.1315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35560	68111	Zinc	236.5199	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35561	68111	Zinc	411.3159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35563	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35564	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35565	68111	Zinc	591.1671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35567	68111	Zinc	720.0569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35571	68111	Zinc	280.477	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35572	68111	Zinc	518.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35574	68111	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35575	68111	Zinc	281.456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35576	68111	Zinc	304.0086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35579	68111	Zinc	499.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35580	68111	Zinc	109.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35581	68111	Zinc	464.4044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35584	68111	Zinc	257.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35585	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35587	68111	Zinc	423.8827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35588	68111	Zinc	271.1142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35590	68111	Zinc	207.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35594	68111	Zinc	275.226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35596	68111	Zinc	224.4515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35599	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35600	68111	Zinc	137.0713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35601	68111	Zinc	247.8763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35602	68111	Zinc	173.855	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35604	68111	Zinc	706.2263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35605	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35608	68111	Zinc	359.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35610	68111	Zinc	135.6651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35612	68111	Zinc	163.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35613	68111	Zinc	163.7713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35614	68111	Zinc	192.6874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35615	68111	Zinc	380.335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35619	68111	Zinc	351.5702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35620	68111	Zinc	157.2921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35623	68111	Zinc	282.0612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35624	68111	Zinc	213.3532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35626	68111	Zinc	226.2404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35630	68111	Zinc	367.252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35651	68111	Zinc	313.0065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35652	68111	Zinc	280.8953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35660	68111	Zinc	193.9423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35666	68111	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35672	68111	Zinc	1231.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
35675	68111	Zinc	239.982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35684	68111	Zinc	333.8414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35685	68111	Zinc	233.2002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35691	68111	Zinc	333.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35692	68111	Zinc	110.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35698	68111	Zinc	507.4982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
35730	68111	Zinc	186.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35735	68111	Zinc	182.7105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35736	68111	Zinc	534.661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35740	68111	Zinc	254.8628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35743	68111	Zinc	429.552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35752	68111	Zinc	181.42	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35755	68111	Zinc	311.0485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35758	68111	Zinc	315.3205	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35761	68111	Zinc	176.5161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35768	68111	Zinc	228.8837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35773	68111	Zinc	289.3681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35775	68111	Zinc	189.6258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35776	68111	Zinc	165.0529	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35778	68111	Zinc	362.802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35781	68111	Zinc	531.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35786	68111	Zinc	394.6106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35789	68111	Zinc	276.294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35794	68111	Zinc	299.078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35798	68111	Zinc	183.4314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35799	68111	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35801	68111	Zinc	323.7043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35802	68111	Zinc	216.9488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35803	68111	Zinc	230.3077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35807	68111	Zinc	224.4159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35810	68111	Zinc	488.9862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35811	68111	Zinc	255.5303	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35813	68111	Zinc	172.3153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35819	68111	Zinc	177.4773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35820	68111	Zinc	202.3706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35821	68111	Zinc	156.3843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35822	68111	Zinc	115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
35824	68111	Zinc	146.4252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
35825	68111	Zinc	334.0817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35826	68111	Zinc	193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35828	68111	Zinc	233.0489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35829	68111	Zinc	220.2329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35830	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35831	68111	Zinc	355.5574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35832	68111	Zinc	190.4713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35833	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35836	68111	Zinc	201.5429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35837	68111	Zinc	132.0161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35839	68111	Zinc	173.8016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
35843	68111	Zinc	230.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35844	68111	Zinc	251.7745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35845	68111	Zinc	731.1374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35848	68111	Zinc	160.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35849	68111	Zinc	190.142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35853	68111	Zinc	183.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35856	68111	Zinc	341.0148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35858	68111	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35859	68111	Zinc	299.2293	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35863	68111	Zinc	176.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35867	68111	Zinc	164.1718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35868	68111	Zinc	910.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35871	68111	Zinc	187.1694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35872	68111	Zinc	326.6146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35877	68111	Zinc	415.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35880	68111	Zinc	314.9378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35885	68111	Zinc	442.3324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35886	68111	Zinc	623.0736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35888	68111	Zinc	154.1593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
35890	68111	Zinc	338.6741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35892	68111	Zinc	367.3054	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35915	68111	Zinc	255.6015	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35921	68111	Zinc	501.8556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35930	68111	Zinc	253.3765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35935	68111	Zinc	178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
35936	68111	Zinc	207.4169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
35943	68111	Zinc	435.0077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35945	68111	Zinc	257.8265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35947	68111	Zinc	186.8045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
35948	68111	Zinc	875.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
35950	68111	Zinc	330.762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35958	68111	Zinc	298.1969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35961	68111	Zinc	285.0872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35964	68111	Zinc	620	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
35967	68111	Zinc	300.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35969	68111	Zinc	231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35975	68111	Zinc	133.1998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
35977	68111	Zinc	216.6818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35981	68111	Zinc	303.6348	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35984	68111	Zinc	575.156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
35987	68111	Zinc	338.6474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
35990	68111	Zinc	234.3572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
35992	68111	Zinc	214.1987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
35994	68111	Zinc	371.9512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
35997	68111	Zinc	499.9243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
36036	68111	Zinc	398.8292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36040	68111	Zinc	377.0242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36043	68111	Zinc	342.3053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36045	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36046	68111	Zinc	207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36051	68111	Zinc	164.7236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36056	68111	Zinc	187.472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36057	68111	Zinc	294.6814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36065	68111	Zinc	370.7853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36067	68111	Zinc	215.5248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36069	68111	Zinc	232.5416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36072	68111	Zinc	179.5955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36073	68111	Zinc	299.4162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36075	68111	Zinc	151.8097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
36077	68111	Zinc	327.0329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36091	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
36093	68111	Zinc	210.3806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36095	68111	Zinc	385.319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36098	68111	Zinc	258.5385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36100	68111	Zinc	183.3958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36101	68111	Zinc	302.193	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36109	68111	Zinc	175.6083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36110	68111	Zinc	197.3065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36112	68111	Zinc	160.6474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
36114	68111	Zinc	232.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36116	68111	Zinc	386.9655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36119	68111	Zinc	272.9298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36120	68111	Zinc	259.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36125	68111	Zinc	412.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36126	68111	Zinc	239.9108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36130	68111	Zinc	197.5112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36133	68111	Zinc	176.8365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36137	68111	Zinc	264.902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36138	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36139	68111	Zinc	324.3985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36141	68111	Zinc	247.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36144	68111	Zinc	394.9577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36147	68111	Zinc	212.481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36151	68111	Zinc	257.0344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36154	68111	Zinc	246.1675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36156	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36158	68111	Zinc	193.9957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36162	68111	Zinc	762.056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36166	68111	Zinc	637.3047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36167	68111	Zinc	207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36177	68111	Zinc	180.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36186	68111	Zinc	196.6212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36188	68111	Zinc	126.774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36190	68111	Zinc	125.1186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36193	68111	Zinc	193.5062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36194	68111	Zinc	189.4834	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36196	68111	Zinc	253.3409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36197	68111	Zinc	395.732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36198	68111	Zinc	197.7693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36199	68111	Zinc	445.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36201	68111	Zinc	180.8415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36202	68111	Zinc	232.15	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36203	68111	Zinc	267.2961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36204	68111	Zinc	126.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36207	68111	Zinc	641.8892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36208	68111	Zinc	277.5756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36209	68111	Zinc	431.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36210	68111	Zinc	270.7493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36212	68111	Zinc	119.6362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36213	68111	Zinc	277.4243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36217	68111	Zinc	189.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36218	68111	Zinc	378.1456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36220	68111	Zinc	119.298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36221	68111	Zinc	265.169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36224	68111	Zinc	156.055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
36232	68111	Zinc	295.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36233	68111	Zinc	701.4559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36236	68111	Zinc	211.1282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36238	68111	Zinc	208.1645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36239	68111	Zinc	127.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36243	68111	Zinc	138.5754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
36246	68111	Zinc	709.2968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36247	68111	Zinc	307.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36249	68111	Zinc	428.0657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36251	68111	Zinc	256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36253	68111	Zinc	208.0043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36255	68111	Zinc	257.9778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36257	68111	Zinc	189.875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36258	68111	Zinc	191.1922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36259	68111	Zinc	834.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
36260	68111	Zinc	326.1874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36262	68111	Zinc	174.1754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36263	68111	Zinc	309.0104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
36280	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36281	68111	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
36288	68111	Zinc	325.778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36289	68111	Zinc	125.1987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36298	68111	Zinc	261.4844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36300	68111	Zinc	276.1071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36302	68111	Zinc	185.1402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36305	68111	Zinc	177.3349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36309	68111	Zinc	147.4042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
36311	68111	Zinc	207.5771	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36313	68111	Zinc	257.9244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36315	68111	Zinc	229.6135	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36320	68111	Zinc	226.1336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36323	68111	Zinc	402.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36324	68111	Zinc	242.0379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36325	68111	Zinc	226.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36329	68111	Zinc	135.8787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
36330	68111	Zinc	325.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36331	68111	Zinc	245.6958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36337	68111	Zinc	118.3101	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36340	68111	Zinc	286.1819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36341	68111	Zinc	294.1474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36351	68111	Zinc	275.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36353	68111	Zinc	176.169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36354	68111	Zinc	381.6611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36356	68111	Zinc	322.5117	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36358	68111	Zinc	348.2683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36366	68111	Zinc	90.3819	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
36370	68111	Zinc	157.301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
36372	68111	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36383	68111	Zinc	371.1947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36386	68111	Zinc	623.0469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36388	68111	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36390	68111	Zinc	127.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36392	68111	Zinc	192.723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36394	68111	Zinc	515.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36396	68111	Zinc	318.4177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36399	68111	Zinc	730.0961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36402	68111	Zinc	387.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36405	68111	Zinc	168.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36408	68111	Zinc	473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36409	68111	Zinc	628.4848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36410	68111	Zinc	652.3546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36416	68111	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36419	68111	Zinc	249.4605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36427	68111	Zinc	206.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36430	68111	Zinc	450.6005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36431	68111	Zinc	203.9726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36437	68111	Zinc	494.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36438	68111	Zinc	234.2326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36441	68111	Zinc	460.6753	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36442	68111	Zinc	454.8369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36444	68111	Zinc	210.4518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36446	68111	Zinc	435.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36448	68111	Zinc	495.5544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36452	68111	Zinc	618.4545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36464	68111	Zinc	214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36466	68111	Zinc	157.034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
36467	68111	Zinc	379.4628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36470	68111	Zinc	518.4452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36473	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36474	68111	Zinc	527.096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36478	68111	Zinc	404.6409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36479	68111	Zinc	326.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36489	68111	Zinc	400.6181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36493	68111	Zinc	593.0984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36494	68111	Zinc	261.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36500	68111	Zinc	422.9393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36505	68111	Zinc	381.8035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36507	68111	Zinc	315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36510	68111	Zinc	273.268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36512	68111	Zinc	511.0226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36514	68111	Zinc	348.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36516	68111	Zinc	438.1227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36517	68111	Zinc	121.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
36518	68111	Zinc	203.2873	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36522	68111	Zinc	263.9853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36527	68111	Zinc	318.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36530	68111	Zinc	318.035	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36531	68111	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36532	68111	Zinc	739.1474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36540	68111	Zinc	412.4729	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36545	68111	Zinc	253.7948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36546	68111	Zinc	683.6292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36553	68111	Zinc	408.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36557	68111	Zinc	333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36574	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36589	68111	Zinc	286.8227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
36656	68111	Zinc	359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36677	68111	Zinc	373.304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36678	68111	Zinc	316.5576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36679	68111	Zinc	191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36683	68111	Zinc	119.0132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
36689	68111	Zinc	208.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36690	68111	Zinc	393.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36700	68111	Zinc	465.5614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36701	68111	Zinc	510.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36706	68111	Zinc	461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36709	68111	Zinc	564.4849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
36713	68111	Zinc	532.4093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36715	68111	Zinc	621.1957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36721	68111	Zinc	286.8939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36726	68111	Zinc	288.7451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36733	68111	Zinc	226.0891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36747	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36749	68111	Zinc	449.9241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36755	68111	Zinc	213.9762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36769	68111	Zinc	443.8009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36774	68111	Zinc	405.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36781	68111	Zinc	313.852	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36785	68111	Zinc	445.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36789	68111	Zinc	179.4086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36793	68111	Zinc	198.063	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36806	68111	Zinc	365.116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36807	68111	Zinc	304.952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36810	68111	Zinc	257.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36817	68111	Zinc	648.5187	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36819	68111	Zinc	261.431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36821	68111	Zinc	251.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36824	68111	Zinc	181.7315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36830	68111	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36832	68111	Zinc	235.1048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36836	68111	Zinc	378.4749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36844	68111	Zinc	291.5041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36845	68111	Zinc	271.2744	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36846	68111	Zinc	208.3514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
36855	68111	Zinc	266.3883	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36856	68111	Zinc	188.6112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
36861	68111	Zinc	324.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36869	68111	Zinc	264.6083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36873	68111	Zinc	174.122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36877	68111	Zinc	366.1128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36882	68111	Zinc	519.4776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36885	68111	Zinc	204.6757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
36888	68111	Zinc	303.5369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36897	68111	Zinc	515.6951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36899	68111	Zinc	288.2022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36901	68111	Zinc	343.2131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36907	68111	Zinc	244.966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36911	68111	Zinc	381.4208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36916	68111	Zinc	353.3235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36923	68111	Zinc	340.1871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
36927	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36931	68111	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
36936	68111	Zinc	261.3954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36938	68111	Zinc	252.9137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36942	68111	Zinc	273.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36943	68111	Zinc	247.7428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36957	68111	Zinc	392.1631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
36958	68111	Zinc	637.8031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
36959	68111	Zinc	166.2188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36960	68111	Zinc	169.9034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
36979	68111	Zinc	241.2814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36980	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
36985	68111	Zinc	241.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
36988	68111	Zinc	300.235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37002	68111	Zinc	381.6166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37010	68111	Zinc	370.5895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37011	68111	Zinc	464.796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37016	68111	Zinc	197.885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37018	68111	Zinc	276.6589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37019	68111	Zinc	229.3554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37020	68111	Zinc	295.4913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37023	68111	Zinc	434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37025	68111	Zinc	308.6722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37031	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37036	68111	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37037	68111	Zinc	336.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37045	68111	Zinc	247.9119	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37048	68111	Zinc	206.6782	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37049	68111	Zinc	298.2592	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37050	68111	Zinc	757.8107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37053	68111	Zinc	429.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37054	68111	Zinc	313.2913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37062	68111	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37063	68111	Zinc	196.7992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
37105	68111	Zinc	342.1629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37109	68111	Zinc	480.2909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37111	68111	Zinc	382.026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37116	68111	Zinc	178.9013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37121	68111	Zinc	290.089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37122	68111	Zinc	397.601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37125	68111	Zinc	564.5828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
37126	68111	Zinc	251.908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37128	68111	Zinc	1264.194	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
37133	68111	Zinc	216.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37134	68111	Zinc	190.0975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37151	68111	Zinc	433.7528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37156	68111	Zinc	324.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37161	68111	Zinc	163.0237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37165	68111	Zinc	596.5338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37168	68111	Zinc	323.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37169	68111	Zinc	192.2157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37170	68111	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37171	68111	Zinc	149.825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
37175	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37176	68111	Zinc	765.5092	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37181	68111	Zinc	225.9467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37184	68111	Zinc	691.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37189	68111	Zinc	342.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37191	68111	Zinc	308.2806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37193	68111	Zinc	215.329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37204	68111	Zinc	406.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37210	68111	Zinc	233.2358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37211	68111	Zinc	746.4365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37219	68111	Zinc	250	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37223	68111	Zinc	165.5691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37224	68111	Zinc	314.2614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37226	68111	Zinc	351.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37235	68111	Zinc	271.755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37237	68111	Zinc	134.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
37259	68111	Zinc	308.1649	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37261	68111	Zinc	144.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
37265	68111	Zinc	172.6446	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37271	68111	Zinc	332.5064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37276	68111	Zinc	332.186	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37277	68111	Zinc	211.3863	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37285	68111	Zinc	234.4373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37296	68111	Zinc	360.5948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37301	68111	Zinc	120.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
37302	68111	Zinc	251.8546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37310	68111	Zinc	250.0301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37313	68111	Zinc	260.1138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37314	68111	Zinc	295.4468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37320	68111	Zinc	147.9827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
37321	68111	Zinc	332.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37333	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37335	68111	Zinc	315.454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37339	68111	Zinc	164.5545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37349	68111	Zinc	266.2726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37353	68111	Zinc	369.3435	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37355	68111	Zinc	165.7827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37359	68111	Zinc	176.8454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37361	68111	Zinc	248.1878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37365	68111	Zinc	390.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37367	68111	Zinc	836.3888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
37385	68111	Zinc	140.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
37389	68111	Zinc	191.2812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37399	68111	Zinc	589.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37400	68111	Zinc	250.5997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37402	68111	Zinc	406.2518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37403	68111	Zinc	218.3105	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37404	68111	Zinc	604.8197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37406	68111	Zinc	243.2127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37414	68111	Zinc	519.5399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37415	68111	Zinc	231.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37422	68111	Zinc	170.9803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37430	68111	Zinc	224.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37432	68111	Zinc	146.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
37440	68111	Zinc	260.007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37452	68111	Zinc	180.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37454	68111	Zinc	234.4373	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37459	68111	Zinc	1021.491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
37461	68111	Zinc	286.8761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37465	68111	Zinc	566.612	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
37468	68111	Zinc	99.718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
37470	68111	Zinc	296.0876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37476	68111	Zinc	288.1132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37479	68111	Zinc	177.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37483	68111	Zinc	222.6003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37486	68111	Zinc	455.4421	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37494	68111	Zinc	179.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
37497	68111	Zinc	325.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37502	68111	Zinc	167.9365	3.00E-01	--	3.00E-01	--	1.28E-05	1.

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	$CSFo^{-1}$	RfD_{ABS}	CSF_{ABS}^{-1}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)	(mg/kg-d)	(mg/kg-d)																					
37550	68111	Zinc	117.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
37552	68111	Zinc	1110.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
37577	68111	Zinc	387.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37579	68111	Zinc	305.7441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37582	68111	Zinc	222.3155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37588	68111	Zinc	140.8716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
37589	68111	Zinc	295.5625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37592	68111	Zinc	239.5726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37601	68111	Zinc	288.309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37610	68111	Zinc	653.3781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37612	68111	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37620	68111	Zinc	325.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37622	68111	Zinc	449.844	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37623	68111	Zinc	238.4067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37627	68111	Zinc	261.3954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37633	68111	Zinc	316.7979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37636	68111	Zinc	320.7228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37639	68111	Zinc	300.858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37640	68111	Zinc	197.885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37641	68111	Zinc	539.1555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37642	68111	Zinc	687.3227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37646	68111	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37647	68111	Zinc	244.076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37648	68111	Zinc	449.0163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37649	68111	Zinc	485.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37651	68111	Zinc	223.0097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37653	68111	Zinc	358.5122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37655	68111	Zinc	207.853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37658	68111	Zinc	248.9087	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37659	68111	Zinc	282.5151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37662	68111	Zinc	353.5994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37666	68111	Zinc	626.2865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37675	68111	Zinc	418.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37684	68111	Zinc	316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37691	68111	Zinc	246.5947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37698	68111	Zinc	370.278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37699	68111	Zinc	260.8347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37702	68111	Zinc	487.0727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37722	68111	Zinc	418.6673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37730	68111	Zinc	385.052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37738	68111	Zinc	701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37741	68111	Zinc	345.6072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37743	68111	Zinc	445.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37747	68111	Zinc	231.2422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37748	68111	Zinc	459.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37754	68111	Zinc	194.2805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37755	68111	Zinc	326.8905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37756	68111	Zinc	159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37758	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37760	68111	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37769	68111	Zinc	161.2882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
37771	68111	Zinc	619.2021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
37775	68111	Zinc	323.3572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37776	68111	Zinc	265.1957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37780	68111	Zinc	312.161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37782	68111	Zinc	225.5017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37785	68111	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37786	68111	Zinc	331.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37789	68111	Zinc	220.2418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37791	68111	Zinc	283.6632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37795	68111	Zinc	175.5816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37800	68111	Zinc	350.3598	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37825	68111	Zinc	240.9254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37829	68111	Zinc	320.4825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37833	68111	Zinc	123.6145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
37859	68111	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37862	68111	Zinc	172.7158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37882	68111	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37884	68111	Zinc	385.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37890	68111	Zinc	172.431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37892	68111	Zinc	203.9192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
37899	68111	Zinc	164.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
37901	68111	Zinc	277.5667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37905	68111	Zinc	578.6893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
37906	68111	Zinc	127.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
37907	68111	Zinc	447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37914	68111	Zinc	209.3838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
37920	68111	Zinc	315.5964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37922	68111	Zinc	347.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37923	68111	Zinc	410.684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37927	68111	Zinc	290.2848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37929	68111	Zinc	376.4991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37934	68111	Zinc	348.5442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37939	68111	Zinc	378.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
37940	68111	Zinc	197.9829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
37942	68111	Zinc	279.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
37945	68111	Zinc	330.228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
37971	68111	Zinc	212.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD$_{ABS}$	CSF$_{ABS}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	(mg/kg-d)$^{-1}$	(mg/kg-d)	(mg/kg-d)$^{-1}$																					
38030	68111	Zinc	164.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38036	68111	Zinc	345.6161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38042	68111	Zinc	325.1283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38043	68111	Zinc	251.9347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38047	68111	Zinc	493.5519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38049	68111	Zinc	448.9362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38050	68111	Zinc	200.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38051	68111	Zinc	199.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38054	68111	Zinc	148.757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38055	68111	Zinc	188.0505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38059	68111	Zinc	301.214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38062	68111	Zinc	259.2505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38066	68111	Zinc	599.9158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38068	68111	Zinc	223.8196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38080	68111	Zinc	513.7816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38087	68111	Zinc	103.4471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
38099	68111	Zinc	209.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38103	68111	Zinc	242.6609	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38104	68111	Zinc	290.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38112	68111	Zinc	308.6455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38114	68111	Zinc	199.1399	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38117	68111	Zinc	263.033	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38121	68111	Zinc	332.9603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38123	68111	Zinc	212.3475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38134	68111	Zinc	278.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38140	68111	Zinc	210.4073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38141	68111	Zinc	169.8678	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38142	68111	Zinc	185.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38144	68111	Zinc	484.7943	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38149	68111	Zinc	553.796	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
38150	68111	Zinc	531.8664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38152	68111	Zinc	1222.987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
38157	68111	Zinc	229.0973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38168	68111	Zinc	306.8121	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38171	68111	Zinc	233.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38172	68111	Zinc	360.6037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38174	68111	Zinc	184.1078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38175	68111	Zinc	381.8836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38177	68111	Zinc	139.1005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
38179	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
38181	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38182	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38184	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38185	68111	Zinc	267.839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38186	68111	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38191	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38199	68111	Zinc	123.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
38200	68111	Zinc	282.4439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38201	68111	Zinc	128.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
38202	68111	Zinc	178.9814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38206	68111	Zinc	214.7861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38207	68111	Zinc	265.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38210	68111	Zinc	463.3987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38213	68111	Zinc	176.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38214	68111	Zinc	146.4074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38216	68111	Zinc	179.6222	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38218	68111	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38221	68111	Zinc	200.7953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38222	68111	Zinc	371.3816	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38224	68111	Zinc	277.2552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38228	68111	Zinc	201.6141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38230	68111	Zinc	179.2751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
38231	68111	Zinc	356.1893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38253	68111	Zinc	203.8213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38254	68111	Zinc	238.7716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38261	68111	Zinc	619.7094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38265	68111	Zinc	307.1859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38268	68111	Zinc	187.3652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38269	68111	Zinc	362.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38271	68111	Zinc	390.2318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38274	68111	Zinc	264.1544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38281	68111	Zinc	139.7146	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
38286	68111	Zinc	352.9764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38291	68111	Zinc	578.8673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
38294	68111	Zinc	491.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38300	68111	Zinc	219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38304	68111	Zinc	302.4333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38316	68111	Zinc	150.3501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38320	68111	Zinc	256.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38356	68111	Zinc	457.8451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38359	68111	Zinc	175.7151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38363	68111	Zinc	200.0388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38369	68111	Zinc	205.2542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38372	68111	Zinc	296.4792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38375	68111	Zinc	207.3279	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38379	68111	Zinc	303.8306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38383	68111	Zinc	581.5106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
38392	68111	Zinc	342.5456	3.00E-01	--	3.00E-01	--	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
38421	68111	Zinc	372.058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38425	68111	Zinc	347.1825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38426	68111	Zinc	268.5065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38429	68111	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38437	68111	Zinc	355.1124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38439	68111	Zinc	170.3306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38440	68111	Zinc	549.0256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
38446	68111	Zinc	293.4087	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38449	68111	Zinc	364.315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38452	68111	Zinc	278.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38456	68111	Zinc	208.8409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38478	68111	Zinc	212.5789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38485	68111	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38486	68111	Zinc	209.2414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38489	68111	Zinc	255.4235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38492	68111	Zinc	343.7827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38495	68111	Zinc	244.7791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38500	68111	Zinc	293.0349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38504	68111	Zinc	162.3651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
38508	68111	Zinc	213.7448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38511	68111	Zinc	233.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38520	68111	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38522	68111	Zinc	317.0738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38524	68111	Zinc	399.7014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38525	68111	Zinc	311.9296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38527	68111	Zinc	302.7537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38528	68111	Zinc	239.0475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38530	68111	Zinc	982.242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
38536	68111	Zinc	221.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38543	68111	Zinc	262.1341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38546	68111	Zinc	499.3725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38551	68111	Zinc	300.7423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38568	68111	Zinc	382.6668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38572	68111	Zinc	528.6001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38581	68111	Zinc	299.8701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38582	68111	Zinc	488.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38585	68111	Zinc	144.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
38587	68111	Zinc	290.712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38592	68111	Zinc	285.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38593	68111	Zinc	231.082	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38607	68111	Zinc	205.2097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38613	68111	Zinc	291.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38615	68111	Zinc	377.5226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38618	68111	Zinc	158.0664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
38619	68111	Zinc	332.6043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38621	68111	Zinc	290.5162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38623	68111	Zinc	221.9595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38627	68111	Zinc	201.8722	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38632	68111	Zinc	237.3476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38639	68111	Zinc	490.4725	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38645	68111	Zinc	349.2384	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38648	68111	Zinc	373.9448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38652	68111	Zinc	472.895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38653	68111	Zinc	322.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38660	68111	Zinc	344.3701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38700	68111	Zinc	337.0543	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38706	68111	Zinc	276.8013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38708	68111	Zinc	249.683	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38709	68111	Zinc	700.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38713	68111	Zinc	502.6032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38715	68111	Zinc	385.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38716	68111	Zinc	353.2523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38718	68111	Zinc	507.3469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38721	68111	Zinc	194.7255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38724	68111	Zinc	188.5578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38726	68111	Zinc	400.1019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38729	68111	Zinc	422.9126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38731	68111	Zinc	292.6878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38735	68111	Zinc	202.8334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38737	68111	Zinc	471.5867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38744	68111	Zinc	296.5682	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38746	68111	Zinc	299.523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38754	68111	Zinc	204.3642	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38759	68111	Zinc	310.6569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38760	68111	Zinc	324.1582	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38762	68111	Zinc	430.976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38767	68111	Zinc	252.0504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38769	68111	Zinc	170.4552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
38775	68111	Zinc	728.8145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
38776	68111	Zinc	387.989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38780	68111	Zinc	190	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
38781	68111	Zinc	386.3603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38784	68111	Zinc	375.7604	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38786	68111	Zinc	247.7072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38789	68111	Zinc	328.9108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38792	68111	Zinc	416.2376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38805	68111	Zinc	347.3872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
38809	68111	Zinc	644.576	3.00E-01	--	3.00E-01	--	1.28E-05	1

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
38859	68111	Zinc	325.5911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38862	68111	Zinc	120.989	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
38864	68111	Zinc	276.4453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38866	68111	Zinc	384.4557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38867	68111	Zinc	474.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38874	68111	Zinc	298.0545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38881	68111	Zinc	383.3521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38884	68111	Zinc	217.999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
38886	68111	Zinc	203.5899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38891	68111	Zinc	313.3269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38895	68111	Zinc	230.3166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38899	68111	Zinc	418.3113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
38903	68111	Zinc	568.1784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
38914	68111	Zinc	262.6859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
38915	68111	Zinc	206.1353	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
38930	68111	Zinc	137.009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49155	68111	Zinc	413.4875	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49162	68111	Zinc	257.0522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49163	68111	Zinc	276.2317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49168	68111	Zinc	109.8017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49169	68111	Zinc	216.2546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49203	68111	Zinc	363.425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49238	68111	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49311	68111	Zinc	244.699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49312	68111	Zinc	374.7013	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49313	68111	Zinc	380.85565	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49314	68111	Zinc	270	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49316	68111	Zinc	161.0123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49319	68111	Zinc	446.1327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49321	68111	Zinc	203.2517	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49322	68111	Zinc	226.6854	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49323	68111	Zinc	371.9957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49324	68111	Zinc	97.9202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49325	68111	Zinc	523.8208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49326	68111	Zinc	328.804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49327	68111	Zinc	186.5464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49328	68111	Zinc	253.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49340	68111	Zinc	156.2775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49341	68111	Zinc	97.9647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
49345	68111	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49352	68111	Zinc	515.3658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49353	68111	Zinc	173.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49354	68111	Zinc	371.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50001	68111	Zinc	173.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50002	68111	Zinc	214.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50003	68111	Zinc	186.315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50004	68111	Zinc	153.207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50006	68111	Zinc	178.839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50010	68111	Zinc	216.7263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50013	68111	Zinc	244.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50014	68111	Zinc	166.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50015	68111	Zinc	146.176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50016	68111	Zinc	113.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50017	68111	Zinc	255.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50018	68111	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50019	68111	Zinc	390.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50020	68111	Zinc	208.654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50021	68111	Zinc	233.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50022	68111	Zinc	201.534	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50023	68111	Zinc	298.544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50024	68111	Zinc	172.965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50025	68111	Zinc	195.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50026	68111	Zinc	236.778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50027	68111	Zinc	223.428	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50028	68111	Zinc	121.701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50029	68111	Zinc	145.019	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50030	68111	Zinc	183.111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50033	68111	Zinc	163.086	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50035	68111	Zinc	353.3947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50038	68111	Zinc	529.1252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50040	68111	Zinc	311.2977	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50041	68111	Zinc	152.317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50042	68111	Zinc	158.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50043	68111	Zinc	100.163	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50044	68111	Zinc	117.518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50045	68111	Zinc	183.3869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50046	68111	Zinc	140.836	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50047	68111	Zinc	176.2224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50048	68111	Zinc	97.849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50049	68111	Zinc	121.345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50050	68111	Zinc	115.827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50051	68111	Zinc	207.942	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50052	68111	Zinc	152.495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50053	68111	Zinc	147.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50054	68111	Zinc	126.685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50055	68111	Zinc	98.561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50056	68111	Zinc	137.899	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50057	68111	Zinc	133.271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total			
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																			RME	RME	RME
50068	68111	Zinc	211.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50069	68111	Zinc	136.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50071	68111	Zinc	113.513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50072	68111	Zinc	99.006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50073	68111	Zinc	93.577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50074	68111	Zinc	95.535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50075	68111	Zinc	210.6298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50076	68111	Zinc	114.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50077	68111	Zinc	145.375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50078	68111	Zinc	85.745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50079	68111	Zinc	126.685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50080	68111	Zinc	107.995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50081	68111	Zinc	135.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50082	68111	Zinc	156.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50083	68111	Zinc	141.993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50084	68111	Zinc	141.6904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50085	68111	Zinc	159.8464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50086	68111	Zinc	114.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50087	68111	Zinc	167.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50088	68111	Zinc	197.707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50089	68111	Zinc	108.351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50090	68111	Zinc	110.131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50092	68111	Zinc	134.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50093	68111	Zinc	152.851	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50094	68111	Zinc	100.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50095	68111	Zinc	142.616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50096	68111	Zinc	148.579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50097	68111	Zinc	188.8248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50098	68111	Zinc	99.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
50099	68111	Zinc	295.162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50100	68111	Zinc	168.426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50101	68111	Zinc	96.603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50102	68111	Zinc	252.6378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50103	68111	Zinc	160.0778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50104	68111	Zinc	183.1288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50105	68111	Zinc	129.444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50106	68111	Zinc	191.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50107	68111	Zinc	181.865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50108	68111	Zinc	166.7083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50109	68111	Zinc	228.5188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50110	68111	Zinc	115.738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50111	68111	Zinc	261.698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50112	68111	Zinc	172.8671	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50113	68111	Zinc	165.1864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50114	68111	Zinc	177.2548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50115	68111	Zinc	153.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50116	68111	Zinc	140.8004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50117	68111	Zinc	141.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50118	68111	Zinc	380.4418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50119	68111	Zinc	125.083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50120	68111	Zinc	161.4662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50121	68111	Zinc	276.828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50122	68111	Zinc	168.8532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50123	68111	Zinc	192.367	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50124	68111	Zinc	148.7926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50125	68111	Zinc	138.6377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50126	68111	Zinc	125.706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50127	68111	Zinc	231.1888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50128	68111	Zinc	137.4273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50129	68111	Zinc	221.5857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50130	68111	Zinc	400.7249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50131	68111	Zinc	270.0195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50132	68111	Zinc	303.2165	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50133	68111	Zinc	276.5877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50145	68111	Zinc	201.4005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50146	68111	Zinc	164.1985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50148	68111	Zinc	191.00975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50149	68111	Zinc	197.2531	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50150	68111	Zinc	1064.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
50151	68111	Zinc	186.8579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50152	68111	Zinc	203.3229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50355	68111	Zinc	150.359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50356	68111	Zinc	177.6909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50363	68111	Zinc	188.9405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50364	68111	Zinc	157.4256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50369	68111	Zinc	138.255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50378	68111	Zinc	206.3133	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50383	68111	Zinc	188.2285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50384	68111	Zinc	224.6829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50391	68111	Zinc	201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50393	68111	Zinc	252.5488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50397	68111	Zinc	196.7814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50398	68111	Zinc	190.2666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50399	68111	Zinc	181.3488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50402	68111	Zinc	164.4655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50403	68111	Zinc	330.0945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50404	68111	Zinc	153.1714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50405	68111	Zinc	320.705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06

BVID	Zip Code	Analyte	EPC-Max	TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				ORAL		DERMAL		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
								RME		RME							RME		RME									
			Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$	(mg/kg-d)	$(mg/kg\text{-}d)^{-1}$																					
50416	68111	Zinc	235.9681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50417	68111	Zinc	155.6189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50418	68111	Zinc	215.4803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50419	68111	Zinc	167.714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
50424	68111	Zinc	199.576	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50428	68111	Zinc	228.7413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50431	68111	Zinc	228.3319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50432	68111	Zinc	179.3997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50434	68111	Zinc	187.3741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50435	68111	Zinc	186.315	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50442	68111	Zinc	316.2728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50447	68111	Zinc	304.6227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50475	68111	Zinc	134.5437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
50502	68111	Zinc	264.7151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50507	68111	Zinc	332.4352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50519	68111	Zinc	191.566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50564	68111	Zinc	86.2968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
50612	68111	Zinc	158.2177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50650	68111	Zinc	442.4392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52413	68111	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
57755	68111	Zinc	458.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
57756	68111	Zinc	290.9256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
58433	68111	Zinc	120.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
58439	68111	Zinc	5647.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	3E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	3E-02
61621	68111	Zinc	205.4233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
63239	68111	Zinc	155.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
63248	68111	Zinc	112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
63640	68111	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
63736	68111	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
63751	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
63752	68111	Zinc	161.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
64031	68111	Zinc	1164.425	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
65483	68111	Zinc	209.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
68066	68111	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
68067	68111	Zinc	129.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
68070	68111	Zinc	226.5964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
68498	68111	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
68686	68111	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
68689	68111	Zinc	142.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
68930	68111	Zinc	354.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
73737	68111	Zinc	482.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
73857	68111	Zinc	105.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
73865	68111	Zinc	133.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
74264	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
74664	68111	Zinc	394.575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
74834	68111	Zinc	298.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
74835	68111	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
74839	68111	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
74841	68111	Zinc	203.67	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
75011	68111	Zinc	313.4248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
75648	68111	Zinc	79.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
77146	68111	Zinc	185.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
77760	68111	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
79655	68111	Zinc	860.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
79703	68111	Zinc	224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
79704	68111	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
82429	68111	Zinc	622.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
82430	68111	Zinc	346.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
83717	68111	Zinc	160.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
86655	68111	Zinc	97.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
87599	68111	Zinc	249.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
87761	68111	Zinc	306.9545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
87901	68111	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
89447	68111	Zinc	308.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
89598	68111	Zinc	1479.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
89835	68111	Zinc	131.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
89893	68111	Zinc	279.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
89895	68111	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
89996	68111	Zinc	447.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
90022	68111	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90023	68111	Zinc	372.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
90107	68111	Zinc	128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
90373	68111	Zinc	138.7	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90375	68111	Zinc	171.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
90528	68111	Zinc	266.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90975	68111	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91234	68111	Zinc	192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
91331	68111	Zinc	596.16	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
91335	68111	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
91416	68111	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91926	68111	Zinc	130.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
91927	68111	Zinc	101.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
15	68131	Zinc	885.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
29	68131	Zinc	579.784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
61	68131	Zinc	93.488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
63	68131	Zinc	446.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
120	68131	Zinc	322.752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
160	68131	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
825	68131	Zinc	260.452	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
896	68131	Zinc	103.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
906	68131	Zinc	340.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
949	68131	Zinc	230.548	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
955	68131	Zinc	277.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
968	68131	Zinc	168.871	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
974	68131	Zinc	228.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1006	68131	Zinc	210.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1080	68131	Zinc	288.398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1088	68131	Zinc	390.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1112	68131	Zinc	170.206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1113	68131	Zinc	299.434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1198	68131	Zinc	194.859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1216	68131	Zinc	381.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
1231	68131	Zinc	282.702	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
1304	68131	Zinc	194.77	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
1516	68131	Zinc	277.718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2079	68131	Zinc	122.502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
2086	68131	Zinc	350.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2097	68131	Zinc	173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2100	68131	Zinc	287.508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2155	68131	Zinc	302.7537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2156	68131	Zinc	169.405	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2165	68131	Zinc	1100	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2168	68131	Zinc	130.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2200	68131	Zinc	286.974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2282	68131	Zinc	212.926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
2321	68131	Zinc	162.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2335	68131	Zinc	1061.897	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
2341	68131	Zinc	393.4269	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2361	68131	Zinc	532.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2368	68131	Zinc	324.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2412	68131	Zinc	603.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
2413	68131	Zinc	326.6502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2417	68131	Zinc	133.7516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2419	68131	Zinc	396.1147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2423	68131	Zinc	162.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
2426	68131	Zinc	351.1252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
2428	68131	Zinc	289.5016	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2429	68131	Zinc	141.4679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
2430	68131	Zinc	159.6862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
3050	68131	Zinc	285.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3056	68131	Zinc	216.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
3071	68131	Zinc	799.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
3142	68131	Zinc	326.846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3144	68131	Zinc	206.073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
3179	68131	Zinc	273.3125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
3221	68131	Zinc	407.302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5017	68131	Zinc	212.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5036	68131	Zinc	169.138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5037	68131	Zinc	212.926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5045	68131	Zinc	190.231	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5047	68131	Zinc	425.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5063	68131	Zinc	205.628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
5082	68131	Zinc	304.774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5096	68131	Zinc	153.385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5150	68131	Zinc	448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5151	68131	Zinc	269.352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5153	68131	Zinc	323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5154	68131	Zinc	670.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5186	68131	Zinc	308.512	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5187	68131	Zinc	281.634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5188	68131	Zinc	335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5195	68131	Zinc	476.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5196	68131	Zinc	332.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5197	68131	Zinc	224.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5259	68131	Zinc	684.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5260	68131	Zinc	342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5265	68131	Zinc	478.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5266	68131	Zinc	245.322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5267	68131	Zinc	635.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5269	68131	Zinc	311.716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5270	68131	Zinc	725.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
5271	68131	Zinc	467.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5272	68131	Zinc	420.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5275	68131	Zinc	321.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5276	68131	Zinc	560.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
5277	68131	Zinc	351.588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5278	68131	Zinc	219.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
5297	68131	Zinc	160.1846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5298	68131	Zinc	244.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5299	68131	Zinc	242.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5373	68131	Zinc	318.8716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5374	68131	Zinc	159.704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
5375	68131	Zinc	240.516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5376	68131	Zinc	136.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5377	68131	Zinc	169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
5378	68131	Zinc	190.053	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5379	68131	Zinc	255.824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5380	68131	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5384	68131	Zinc	244.254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5627	68131	Zinc	265.4182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5685	68131	Zinc	475.3158	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5688	68131	Zinc	529.3032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22791	68131	Zinc	219.0136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22793	68131	Zinc	260.808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22794	68131	Zinc	251.0803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22797	68131	Zinc	72.5285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	3E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	3E-04
22809	68131	Zinc	184.7931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
22814	68131	Zinc	194.9213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22835	68131	Zinc	265.6407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22839	68131	Zinc	241.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22843	68131	Zinc	192.8654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22845	68131	Zinc	286.8672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22846	68131	Zinc	399.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22848	68131	Zinc	263.6471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22855	68131	Zinc	283.6721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22856	68131	Zinc	253.866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22857	68131	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22858	68131	Zinc	140.6491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
22865	68131	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22867	68131	Zinc	190.7561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22869	68131	Zinc	791.3726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
22870	68131	Zinc	141.4679	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
22871	68131	Zinc	391.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22872	68131	Zinc	244.9393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22874	68131	Zinc	433.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22875	68131	Zinc	415.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22878	68131	Zinc	233.3248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22880	68131	Zinc	493.8278	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22881	68131	Zinc	355.9757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22895	68131	Zinc	226.8812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22902	68131	Zinc	447.0316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22906	68131	Zinc	383.6191	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22907	68131	Zinc	403.653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22910	68131	Zinc	244.3608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22912	68131	Zinc	530.2911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22913	68131	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22914	68131	Zinc	341.4776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
22915	68131	Zinc	289.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22916	68131	Zinc	256.7941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22929	68131	Zinc	310.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22944	68131	Zinc	171.3096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
22947	68131	Zinc	311.2888	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22948	68131	Zinc	190.3289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22949	68131	Zinc	216.308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22952	68131	Zinc	524.7197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22958	68131	Zinc	326.935	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22959	68131	Zinc	152.6552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22963	68131	Zinc	362.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22965	68131	Zinc	272.3513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22966	68131	Zinc	163.1305	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22967	68131	Zinc	791.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
22969	68131	Zinc	195.4197	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22970	68131	Zinc	259.4107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22971	68131	Zinc	378.4749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22974	68131	Zinc	420.1981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22977	68131	Zinc	178.7856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
22980	68131	Zinc	140.2041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
22981	68131	Zinc	247.1643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22984	68131	Zinc	251.5698	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22989	68131	Zinc	148.5434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
22990	68131	Zinc	217.6608	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22994	68131	Zinc	406.3408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22995	68131	Zinc	262.3922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22997	68131	Zinc	293.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22999	68131	Zinc	231.0108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23002	68131	Zinc	379.5162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23003	68131	Zinc	281.0733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23007	68131	Zinc	304.1688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23009	68131	Zinc	252.8514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23010	68131	Zinc	236.3775	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23016	68131	Zinc	592.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23018	68131	Zinc	234.553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23023	68131	Zinc	260.6122	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23025	68131	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23028	68131	Zinc	171.7902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23031	68131	Zinc	249.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23032	68131	Zinc	654.9356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23042	68131	Zinc	366.3709	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23043	68131	Zinc	407.391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23044	68131	Zinc	331.4295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23045	68131	Zinc	330.406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23046	68131	Zinc	246.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23051	68131	Zinc	116.3521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23056	68131	Zinc	466.932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23059	68131	Zinc	276.3385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23069	68131	Zinc	335.39	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23072	68131	Zinc	211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23074	68131	Zinc	254.9607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23078	68131	Zinc	267.216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23079	68131	Zinc	320.9542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23080	68131	Zinc	114.4297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23081	68131	Zinc	678.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23082	68131	Zinc	670.6708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23090	68131	Zinc	155.1561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23092	68131	Zinc	270.776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23093	68131	Zinc	252.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23094	68131	Zinc	522.6104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23098	68131	Zinc	423.0995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23100	68131	Zinc	227.789	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23102	68131	Zinc	356.2071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23103	68131	Zinc	202.5397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23107	68131	Zinc	197.4578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23108	68131	Zinc	189.1363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23109	68131	Zinc	121.6832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23110	68131	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23111	68131	Zinc	313.496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23112	68131	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23113	68131	Zinc	265.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23114	68131	Zinc	695.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23118	68131	Zinc	222.716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23120	68131	Zinc	212.9527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23121	68131	Zinc	172.7781	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23122	68131	Zinc	266.5396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23123	68131	Zinc	287.5881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23124	68131	Zinc	244.5655	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23125	68131	Zinc	366.2018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23128	68131	Zinc	996.215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
23131	68131	Zinc	377.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23133	68131	Zinc	151.4982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23134	68131	Zinc	130.9926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23135	68131	Zinc	249.416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23136	68131	Zinc	172.6802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23139	68131	Zinc	533.3171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23141	68131	Zinc	232.1055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23142	68131	Zinc	192.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23143	68131	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23144	68131	Zinc	377.4069	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23145	68131	Zinc	330	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23146	68131	Zinc	271.132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23147	68131	Zinc	104.0256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
23149	68131	Zinc	819.4432	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23150	68131	Zinc	264.9109	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23152	68131	Zinc	411.3515	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23153	68131	Zinc	2760	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23154	68131	Zinc	310.826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23155	68131	Zinc	251.5965	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23156	68131	Zinc	125.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23157	68131	Zinc	320.3846	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23158	68131	Zinc	208.5561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23161	68131	Zinc	210.9324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23162	68131	Zinc	427.0333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23163	68131	Zinc	287.8106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23164	68131	Zinc	253.7414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23165	68131	Zinc	213.4422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23166	68131	Zinc	513.2743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23167	68131	Zinc	266.3349	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23168	68131	Zinc	434.0643	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23171	68131	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23172	68131	Zinc	218.2304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23173	68131	Zinc	192.7141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23174	68131	Zinc	460.6041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23175	68131	Zinc	209.8466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23177	68131	Zinc	462.7312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23178	68131	Zinc	311.449	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23179	68131	Zinc	232.7374	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23180	68131	Zinc	231.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23183	68131	Zinc	360.3723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23184	68131	Zinc	230.1653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23186	68131	Zinc	321.2924	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23187	68131	Zinc	328.4569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23188	68131	Zinc	541.0601	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23190	68131	Zinc	146.8969	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23191	68131	Zinc	547.7262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23198	68131	Zinc	380.958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23200	68131	Zinc	104.4172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
23205	68131	Zinc	151.249	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23206	68131	Zinc	682.2675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23207	68131	Zinc	824.9879	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23208	68131	Zinc	199.843	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23209	68131	Zinc	187.739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23210	68131	Zinc	516.1312	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23211	68131	Zinc	331.8656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23212	68131	Zinc	503.0304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23213	68131	Zinc	396.4351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23214	68131	Zinc	303.5636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23216	68131	Zinc	187.027	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23217	68131	Zinc	312.3568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23218	68131	Zinc	248.4726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23219	68131	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23221	68131	Zinc	196.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23222	68131	Zinc	143.9777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23224	68131	Zinc	553.0662	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23226	68131	Zinc	414.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23230	68131	Zinc	193.7554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23231	68131	Zinc	145.108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23232	68131	Zinc	178.5809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23233	68131	Zinc	460.8177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23235	68131	Zinc	492.475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23236	68131	Zinc	367.6169	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23237	68131	Zinc	547.7262	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23238	68131	Zinc	309.5622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23241	68131	Zinc	211.4041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23243	68131	Zinc	261.5467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23244	68131	Zinc	271.6304	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23245	68131	Zinc	178.2872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23246	68131	Zinc	268.462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23248	68131	Zinc	257.1946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23249	68131	Zinc	200.466	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23252	68131	Zinc	388.5853	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23253	68131	Zinc	381.7768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23254	68131	Zinc	278.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23255	68131	Zinc	480.8516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23256	68131	Zinc	219.2984	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23258	68131	Zinc	234.9535	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23260	68131	Zinc	134.339	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23262	68131	Zinc	174.1932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23263	68131	Zinc	162.463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23264	68131	Zinc	109.4724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23266	68131	Zinc	554.7483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23267	68131	Zinc	243.72	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23268	68131	Zinc	163.2462	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23269	68131	Zinc	373.7045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23270	68131	Zinc	152.1568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23271	68131	Zinc	219.957	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23273	68131	Zinc	482.3468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23274	68131	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23275	68131	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23276	68131	Zinc	170.6243	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23277	68131	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23280	68131	Zinc	366.1751	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23281	68131	Zinc	228.234	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23285	68131	Zinc	317.0204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23286	68131	Zinc	603.8407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23288	68131	Zinc	206.4646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23289	68131	Zinc	289.1723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23292	68131	Zinc	400.2265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23293	68131	Zinc	506.359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23294	68131	Zinc	551.3485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23295	68131	Zinc	170.8824	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23296	68131	Zinc	358.8326	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23297	68131	Zinc	262.5079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23301	68131	Zinc	530	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23302	68131	Zinc	143.2835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23303	68131	Zinc	228.1094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23308	68131	Zinc	284.2862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23310	68131	Zinc	281.1979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23311	68131	Zinc	235.1226	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23312	68131	Zinc	270.5891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23313	68131	Zinc	293.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23315	68131	Zinc	674.124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23317	68131	Zinc	174.2822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23320	68131	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23321	68131	Zinc	303.973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23322	68131	Zinc	253.777	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23323	68131	Zinc	647.0502	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23324	68131	Zinc	300.6444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23326	68131	Zinc	158.5292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23329	68131	Zinc	408.4768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23332	68131	Zinc	310.4166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23333	68131	Zinc	549.6931	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23334	68131	Zinc	324.1404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23338	68131	Zinc	197.6002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23339	68131	Zinc	759.208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23340	68131	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23341	68131	Zinc	245.5356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23342	68131	Zinc	249.505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23343	68131	Zinc	145.82	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23344	68131	Zinc	155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23345	68131	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23346	68131	Zinc	206.696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23347	68131	Zinc	255.112	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23348	68131	Zinc	196.639	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23350	68131	Zinc	186.0302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23353	68131	Zinc	414.0037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23355	68131	Zinc	365.1071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23356	68131	Zinc	509.6164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23357	68131	Zinc	623.1893	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23358	68131	Zinc	456.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23360	68131	Zinc	340.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23361	68131	Zinc	254.3733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23362	68131	Zinc	395.0289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23364	68131	Zinc	472.5301	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23365	68131	Zinc	305.6551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23367	68131	Zinc	513.1319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23368	68131	Zinc	255.8418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23369	68131	Zinc	183.3335	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23371	68131	Zinc	451.2947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23372	68131	Zinc	494.0058	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23374	68131	Zinc	302.549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23375	68131	Zinc	224.8431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23377	68131	Zinc	384.4379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23379	68131	Zinc	260	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23380	68131	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23381	68131	Zinc	226.6142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23382	68131	Zinc	276.4631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23383	68131	Zinc	293.0794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23384	68131	Zinc	254.6047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23385	68131	Zinc	492.208	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23386	68131	Zinc	301.57	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23387	68131	Zinc	325.778	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23388	68131	Zinc	552.2029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23389	68131	Zinc	1163.713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
23390	68131	Zinc	387.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23391	68131	Zinc	297.6896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23393	68131	Zinc	443.436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23394	68131	Zinc	305.1745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23395	68131	Zinc	156.233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23396	68131	Zinc	1102.392	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
23397	68131	Zinc	503.1995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23398	68131	Zinc	187.2673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23399	68131	Zinc	300	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23400	68131	Zinc	204.5689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23402	68131	Zinc	201.089	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23405	68131	Zinc	312.8285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23407	68131	Zinc	288.5048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23408	68131	Zinc	396.9691	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23409	68131	Zinc	182.6927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23415	68131	Zinc	339.7688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23416	68131	Zinc	371.0701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23417	68131	Zinc	290.4628	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23420	68131	Zinc	795.0394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23421	68131	Zinc	109.3656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23423	68131	Zinc	407.6758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23425	68131	Zinc	327.2554	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23427	68131	Zinc	396.5597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23428	68131	Zinc	179.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23429	68131	Zinc	425.4758	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23430	68131	Zinc	301.6323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23431	68131	Zinc	313.3091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23432	68131	Zinc	318.3999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23433	68131	Zinc	260.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23434	68131	Zinc	495.7591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23436	68131	Zinc	211.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23437	68131	Zinc	315.1603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23438	68131	Zinc	237.1963	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23439	68131	Zinc	289.5728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23440	68131	Zinc	440.0273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23441	68131	Zinc	288.7807	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23442	68131	Zinc	457.7561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23443	68131	Zinc	210.2026	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23444	68131	Zinc	243.987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23445	68131	Zinc	195.8825	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23446	68131	Zinc	227.9937	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23447	68131	Zinc	459.2869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23448	68131	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23449	68131	Zinc	604.5972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23450	68131	Zinc	155.4409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23451	68131	Zinc	191.3257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23452	68131	Zinc	307.9157	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23453	68131	Zinc	235.532	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23455	68131	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23456	68131	Zinc	315.81	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23457	68131	Zinc	219.5209	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23458	68131	Zinc	202.0769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23459	68131	Zinc	464.6536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23460	68131	Zinc	204.1328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23461	68131	Zinc	229.3732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23463	68131	Zinc	294.0495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23465	68131	Zinc	373.9982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23468	68131	Zinc	361.378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23469	68131	Zinc	230.993	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23470	68131	Zinc	476.188	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23471	68131	Zinc	549.1947	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23472	68131	Zinc	157.0785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23473	68131	Zinc	479.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23474	68131	Zinc	192.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23475	68131	Zinc	210.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23477	68131	Zinc	349.5766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23480	68131	Zinc	274.4784	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23482	68131	Zinc	339.7332	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23483	68131	Zinc	239.6972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23484	68131	Zinc	334.2686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23485	68131	Zinc	284.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23487	68131	Zinc	206.0641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23488	68131	Zinc	211.9381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23489	68131	Zinc	203.4742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23490	68131	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23491	68131	Zinc	352.656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23492	68131	Zinc	298.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23493	68131	Zinc	760.3294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23494	68131	Zinc	499.3636	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23500	68131	Zinc	2425.288	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23501	68131	Zinc	188.7803	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23502	68131	Zinc	640	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23503	68131	Zinc	258.5741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23504	68131	Zinc	162.2138	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23505	68131	Zinc	116.361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23506	68131	Zinc	444.5307	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23508	68131	Zinc	275.4485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23509	68131	Zinc	546.7561	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23510	68131	Zinc	243.0525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23512	68131	Zinc	269.7258	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23513	68131	Zinc	179.818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23514	68131	Zinc	357.8625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23515	68131	Zinc	266.3616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23517	68131	Zinc	336.4313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23518	68131	Zinc	276.4453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23519	68131	Zinc	231.3045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23521	68131	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23522	68131	Zinc	391.6202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23523	68131	Zinc	215.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23524	68131	Zinc	357.106	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23525	68131	Zinc	151.0443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23526	68131	Zinc	185.2381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23527	68131	Zinc	366.5044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23528	68131	Zinc	278.4567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23529	68131	Zinc	352.1131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23530	68131	Zinc	602.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23531	68131	Zinc	386.476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23532	68131	Zinc	186.5375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23533	68131	Zinc	156.9895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23534	68131	Zinc	809.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
23535	68131	Zinc	446.2039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23536	68131	Zinc	520.7859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23537	68131	Zinc	356.8568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23538	68131	Zinc	362.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23539	68131	Zinc	197.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23541	68131	Zinc	455.896	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23543	68131	Zinc	164.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23544	68131	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23545	68131	Zinc	210.6743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23547	68131	Zinc	436.1202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23549	68131	Zinc	494.0325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23550	68131	Zinc	267.1537	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23553	68131	Zinc	533.8689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23554	68131	Zinc	283.9569	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23556	68131	Zinc	595.0831	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23557	68131	Zinc	897.8967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23558	68131	Zinc	294.4322	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23559	68131	Zinc	295.6248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23560	68131	Zinc	253.5723	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23563	68131	Zinc	647.0413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23564	68131	Zinc	492.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23566	68131	Zinc	599.809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23567	68131	Zinc	206.8918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23568	68131	Zinc	394.7263	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23569	68131	Zinc	299.256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23571	68131	Zinc	249.0511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23572	68131	Zinc	676.0909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23573	68131	Zinc	358.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23575	68131	Zinc	111.7597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23576	68131	Zinc	397.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23577	68131	Zinc	316.6555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23578	68131	Zinc	257.248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23580	68131	Zinc	188.6201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23581	68131	Zinc	587.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23582	68131	Zinc	219.334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23583	68131	Zinc	724.9252	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23584	68131	Zinc	478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23585	68131	Zinc	326.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23586	68131	Zinc	192.4916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23587	68131	Zinc	244.4409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23588	68131	Zinc	259.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23591	68131	Zinc	396.6042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23595	68131	Zinc	137.5786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23596	68131	Zinc	350.7603	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23599	68131	Zinc	561.9484	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23600	68131	Zinc	365.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23602	68131	Zinc	170.6866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23603	68131	Zinc	404.3116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23605	68131	Zinc	265.3381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23606	68131	Zinc	291.5219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23607	68131	Zinc	221.6391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23608	68131	Zinc	259.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23609	68131	Zinc	2004.941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-02	9E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-02	9E-03
23610	68131	Zinc	181.242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23611	68131	Zinc	218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23612	68131	Zinc	532.0711	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23613	68131	Zinc	211.3685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23614	68131	Zinc	304.2578	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23618	68131	Zinc	203.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23619	68131	Zinc	242.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23620	68131	Zinc	534.1626	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23621	68131	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23623	68131	Zinc	284.1616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23625	68131	Zinc	203.0203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23627	68131	Zinc	282.5952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23628	68131	Zinc	282.2481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23629	68131	Zinc	324.0692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23631	68131	Zinc	232.5772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23633	68131	Zinc	411.5295	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23634	68131	Zinc	253.51	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23635	68131	Zinc	510.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23636	68131	Zinc	279.7116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23637	68131	Zinc	475.1111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23638	68131	Zinc	195.7668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23640	68131	Zinc	749.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23641	68131	Zinc	289.2079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23642	68131	Zinc	288.5493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23643	68131	Zinc	1765.442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-02	8E-03
23644	68131	Zinc	137.1247	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23645	68131	Zinc	898.4485	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23646	68131	Zinc	2781.644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23647	68131	Zinc	737.7501	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23650	68131	Zinc	272.2801	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23651	68131	Zinc	553.7426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23652	68131	Zinc	271.0341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23653	68131	Zinc	566.4162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23654	68131	Zinc	144.3693	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23657	68131	Zinc	263.1754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23658	68131	Zinc	292.3318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23660	68131	Zinc	1135.945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
23661	68131	Zinc	395.2692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23662	68131	Zinc	379.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23663	68131	Zinc	375.351	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23664	68131	Zinc	404.276	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23666	68131	Zinc	289.644	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23667	68131	Zinc	360.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23668	68131	Zinc	160.7631	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23670	68131	Zinc	340.196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23672	68131	Zinc	325.244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23673	68131	Zinc	153.1536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23674	68131	Zinc	447.6813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23675	68131	Zinc	321.239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23676	68131	Zinc	971.562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23679	68131	Zinc	339.5641	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23681	68131	Zinc	550.236	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23683	68131	Zinc	125.2966	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
23686	68131	Zinc	179.4442	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23688	68131	Zinc	423.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23690	68131	Zinc	236.5555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23691	68131	Zinc	167.5983	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23696	68131	Zinc	296.7284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23698	68131	Zinc	310.9773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23700	68131	Zinc	1283.774	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
23701	68131	Zinc	315.098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23702	68131	Zinc	225.6708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23704	68131	Zinc	478.5376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23705	68131	Zinc	266.5752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23707	68131	Zinc	192.6696	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23709	68131	Zinc	400.4579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23710	68131	Zinc	186.0925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23713	68131	Zinc	346.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23716	68131	Zinc	273.6507	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23717	68131	Zinc	298.0456	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23718	68131	Zinc	288.6917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23720	68131	Zinc	231.4024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23721	68131	Zinc	444.9223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23722	68131	Zinc	206.518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23723	68131	Zinc	150.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23725	68131	Zinc	233.6808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23727	68131	Zinc	215.9342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23728	68131	Zinc	2586.912	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
23729	68131	Zinc	479.0627	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23730	68131	Zinc	188.629	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23731	68131	Zinc	220.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23732	68131	Zinc	966.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23733	68131	Zinc	284.7045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23734	68131	Zinc	251.018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23735	68131	Zinc	458.2189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23737	68131	Zinc	357.2039	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23738	68131	Zinc	272.7073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23739	68131	Zinc	231.1176	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23741	68131	Zinc	339.0123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23742	68131	Zinc	308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23743	68131	Zinc	214.9463	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23746	68131	Zinc	289.4215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23748	68131	Zinc	169.85	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23749	68131	Zinc	168.4527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23752	68131	Zinc	180.9394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23753	68131	Zinc	336.2266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23754	68131	Zinc	313.2023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23757	68131	Zinc	427.7453	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23758	68131	Zinc	234.286	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23759	68131	Zinc	253.7325	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23761	68131	Zinc	162.0536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23762	68131	Zinc	382.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23763	68131	Zinc	500.7342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23764	68131	Zinc	391.2998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23765	68131	Zinc	242.652	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23766	68131	Zinc	409.7762	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23767	68131	Zinc	764.37	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23768	68131	Zinc	383.3699	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23771	68131	Zinc	243.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23772	68131	Zinc	757.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23773	68131	Zinc	494.611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23778	68131	Zinc	354.8098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23779	68131	Zinc	188.7091	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23780	68131	Zinc	366.2908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23783	68131	Zinc	397.868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23784	68131	Zinc	314.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23786	68131	Zinc	285	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23787	68131	Zinc	448.331	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23788	68131	Zinc	273	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23789	68131	Zinc	431.5189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23790	68131	Zinc	206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23791	68131	Zinc	377.8697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23792	68131	Zinc	279.4802	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23794	68131	Zinc	335.568	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23797	68131	Zinc	148.0806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23798	68131	Zinc	224.14	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23799	68131	Zinc	359.0551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23800	68131	Zinc	288.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23803	68131	Zinc	141.904	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23804	68131	Zinc	402.318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23805	68131	Zinc	148.8549	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23806	68131	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23807	68131	Zinc	317.946	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23808	68131	Zinc	232.6217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23809	68131	Zinc	309.3308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23810	68131	Zinc	140.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23811	68131	Zinc	278.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23813	68131	Zinc	190.587	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23814	68131	Zinc	139.4832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23816	68131	Zinc	116.4767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
23817	68131	Zinc	407.3999	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23819	68131	Zinc	174.1487	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23821	68131	Zinc	122.1104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23822	68131	Zinc	261.4577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23823	68131	Zinc	175.991	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23824	68131	Zinc	442.0298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23825	68131	Zinc	423.6958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23826	68131	Zinc	254.6848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23827	68131	Zinc	237.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23829	68131	Zinc	302.0328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23830	68131	Zinc	234.108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23831	68131	Zinc	277.1217	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23832	68131	Zinc	207.0876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23833	68131	Zinc	259.8201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23834	68131	Zinc	414.0927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23835	68131	Zinc	356.1003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23836	68131	Zinc	233.04	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23840	68131	Zinc	185.8611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23841	68131	Zinc	214.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23843	68131	Zinc	255.7261	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23844	68131	Zinc	290.89	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23845	68131	Zinc	379.9523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23846	68131	Zinc	352.478	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23847	68131	Zinc	388.6476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23848	68131	Zinc	550.7522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23849	68131	Zinc	369.032	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23850	68131	Zinc	885.0985	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
23854	68131	Zinc	246.6214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23855	68131	Zinc	242.1002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23858	68131	Zinc	300.7868	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23859	68131	Zinc	220.3041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23861	68131	Zinc	304.2311	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23862	68131	Zinc	342.866	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23863	68131	Zinc	707.5257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23864	68131	Zinc	241.495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23866	68131	Zinc	293.3108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23870	68131	Zinc	541.9145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23872	68131	Zinc	276.2495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23873	68131	Zinc	633.3976	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23875	68131	Zinc	153.8567	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
23877	68131	Zinc	384.251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23878	68131	Zinc	476.455	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23879	68131	Zinc	360.31	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23881	68131	Zinc	283.6009	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23882	68131	Zinc	443.347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23883	68131	Zinc	148.668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23886	68131	Zinc	361.6895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23888	68131	Zinc	209.4372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23889	68131	Zinc	215.3646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23890	68131	Zinc	179.0615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23891	68131	Zinc	382.6757	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23892	68131	Zinc	202.869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23893	68131	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23894	68131	Zinc	164.4922	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23895	68131	Zinc	379.979	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23897	68131	Zinc	301.2318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23899	68131	Zinc	258.3961	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23900	68131	Zinc	255.646	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23903	68131	Zinc	350.342	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23904	68131	Zinc	445.8034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23906	68131	Zinc	444.0323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23907	68131	Zinc	254.845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23908	68131	Zinc	220.6156	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23910	68131	Zinc	167.625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23911	68131	Zinc	184.5795	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23912	68131	Zinc	209.5885	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23913	68131	Zinc	331.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23914	68131	Zinc	198.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23916	68131	Zinc	167.7585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23917	68131	Zinc	316.611	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23918	68131	Zinc	295.7316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23919	68131	Zinc	220.5533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23920	68131	Zinc	236.0037	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23921	68131	Zinc	235.71	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23922	68131	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23923	68131	Zinc	420.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23924	68131	Zinc	255.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23925	68131	Zinc	347.2359	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23926	68131	Zinc	261.3509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23927	68131	Zinc	341.5221	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23928	68131	Zinc	129.9602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23929	68131	Zinc	309.9004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23930	68131	Zinc	450.3068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23931	68131	Zinc	337.2056	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23932	68131	Zinc	434.4737	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23936	68131	Zinc	293.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23938	68131	Zinc	313.318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23939	68131	Zinc	1403.212	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
23941	68131	Zinc	367.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23942	68131	Zinc	245.6869	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
23943	68131	Zinc	420.9012	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23944	68131	Zinc	187.0804	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
23946	68131	Zinc	281.3136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23947	68131	Zinc	649.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
23948	68131	Zinc	285.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23949	68131	Zinc	168.5061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
23951	68131	Zinc	297.387	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23952	68131	Zinc	275.3506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23953	68131	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23954	68131	Zinc	569.7181	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23955	68131	Zinc	8354.379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-01	4E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-01	4E-02
23956	68131	Zinc	286.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23959	68131	Zinc	247.1376	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23960	68131	Zinc	217.5184	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
23961	68131	Zinc	350.4933	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23963	68131	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23964	68131	Zinc	1246.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
23965	68131	Zinc	258.1647	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23967	68131	Zinc	469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23968	68131	Zinc	540.8287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23970	68131	Zinc	511.4142	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23971	68131	Zinc	176.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23972	68131	Zinc	564.2891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
23975	68131	Zinc	224.4248	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23977	68131	Zinc	402.6562	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23978	68131	Zinc	343.4356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23979	68131	Zinc	369.9665	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23981	68131	Zinc	510.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23982	68131	Zinc	132.9862	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
23983	68131	Zinc	184.5706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23984	68131	Zinc	417.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23985	68131	Zinc	277.3264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23986	68131	Zinc	334.8916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23987	68131	Zinc	250.4395	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23988	68131	Zinc	142.4558	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
23990	68131	Zinc	296.23	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23992	68131	Zinc	314.8132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23994	68131	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
23995	68131	Zinc	488.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23996	68131	Zinc	205.7704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
23998	68131	Zinc	489.9296	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
23999	68131	Zinc	470.136	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24000	68131	Zinc	569.3354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24002	68131	Zinc	145.2415	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24004	68131	Zinc	213.2553	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24009	68131	Zinc	309.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24010	68131	Zinc	231.2511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24011	68131	Zinc	144.6986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24014	68131	Zinc	552.9416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24015	68131	Zinc	458.8864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24016	68131	Zinc	148.3654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24017	68131	Zinc	219.0403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24018	68131	Zinc	313.674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24019	68131	Zinc	364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24020	68131	Zinc	477.4607	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24023	68131	Zinc	484.2336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24026	68131	Zinc	443.881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24027	68131	Zinc	331.0379	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24028	68131	Zinc	303.9552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24029	68131	Zinc	185.514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24033	68131	Zinc	384.5447	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24035	68131	Zinc	235.9414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24036	68131	Zinc	248.7574	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24038	68131	Zinc	369.4503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24039	68131	Zinc	361.5827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24040	68131	Zinc	424.7727	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24042	68131	Zinc	279.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24044	68131	Zinc	232.1411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24047	68131	Zinc	251.8457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24048	68131	Zinc	160.1668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24050	68131	Zinc	151.694	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24052	68131	Zinc	489.5202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24053	68131	Zinc	393.4358	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24056	68131	Zinc	123.8637	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24057	68131	Zinc	315.9346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24059	68131	Zinc	217.9011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24060	68131	Zinc	309.5355	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24062	68131	Zinc	376.9441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24063	68131	Zinc	333.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24064	68131	Zinc	372.6365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24065	68131	Zinc	344.4413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24069	68131	Zinc	272.7429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24070	68131	Zinc	230.103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24071	68131	Zinc	205.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24073	68131	Zinc	547.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24074	68131	Zinc	423.8827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24076	68131	Zinc	293.471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24078	68131	Zinc	471.0972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24079	68131	Zinc	523.3669	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24080	68131	Zinc	189.4211	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24081	68131	Zinc	509.474	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24082	68131	Zinc	235.4519	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24083	68131	Zinc	331.7321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24084	68131	Zinc	209.9	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24086	68131	Zinc	1007.874	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
24087	68131	Zinc	312.695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24089	68131	Zinc	532.8721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24092	68131	Zinc	303.3856	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24093	68131	Zinc	415.5167	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24095	68131	Zinc	451.2235	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24096	68131	Zinc	565.9356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24098	68131	Zinc	449.0786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24099	68131	Zinc	324.3451	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24101	68131	Zinc	1022.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
24103	68131	Zinc	364.6799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24104	68131	Zinc	644.1488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24105	68131	Zinc	341.4509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24106	68131	Zinc	330.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24107	68131	Zinc	406.2251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24108	68131	Zinc	337.882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24109	68131	Zinc	448.0195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24110	68131	Zinc	503.0838	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24111	68131	Zinc	338.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24112	68131	Zinc	332.2394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24113	68131	Zinc	302.5579	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24114	68131	Zinc	754.9182	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24115	68131	Zinc	375.6892	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24116	68131	Zinc	578.271	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24117	68131	Zinc	694.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24119	68131	Zinc	368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24120	68131	Zinc	381.5721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24122	68131	Zinc	339.128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24123	68131	Zinc	273.09	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24124	68131	Zinc	146.2739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24125	68131	Zinc	1194.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
24126	68131	Zinc	217.91	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24128	68131	Zinc	724.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24131	68131	Zinc	306.5006	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24132	68131	Zinc	782.5527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24134	68131	Zinc	376.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24135	68131	Zinc	347.5118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24136	68131	Zinc	353.1099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24137	68131	Zinc	121.6832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24138	68131	Zinc	421.9514	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24139	68131	Zinc	430.4776	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24140	68131	Zinc	523.3936	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24141	68131	Zinc	316.7712	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24142	68131	Zinc	323.7755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24143	68131	Zinc	314.0656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24144	68131	Zinc	440.4812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24145	68131	Zinc	532.97	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24146	68131	Zinc	357.1861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24148	68131	Zinc	426.3124	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24149	68131	Zinc	250.1369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24150	68131	Zinc	251.7745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24152	68131	Zinc	247.102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24153	68131	Zinc	305.486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24154	68131	Zinc	210.078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24156	68131	Zinc	513.4523	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24157	68131	Zinc	495.4654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24158	68131	Zinc	224.8787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24159	68131	Zinc	369.1299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24162	68131	Zinc	182.4346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24163	68131	Zinc	307.6042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24164	68131	Zinc	375.6625	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24167	68131	Zinc	266.8956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24169	68131	Zinc	528.52	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24171	68131	Zinc	216.486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24174	68131	Zinc	385.6661	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24175	68131	Zinc	463.9861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24176	68131	Zinc	232.7997	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24178	68131	Zinc	228.0738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24179	68131	Zinc	514.8674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24180	68131	Zinc	1402.055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
24181	68131	Zinc	208.298	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24182	68131	Zinc	284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24189	68131	Zinc	284.482	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24190	68131	Zinc	231.8741	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24192	68131	Zinc	224.7007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24193	68131	Zinc	384.2599	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24196	68131	Zinc	94.7429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24197	68131	Zinc	473.4201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24199	68131	Zinc	741.8441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24200	68131	Zinc	1044.364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
			TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24202	68131	Zinc	550.948	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24203	68131	Zinc	417.2522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24204	68131	Zinc	343.2131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24207	68131	Zinc	1002	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
24208	68131	Zinc	266.8956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24209	68131	Zinc	325.155	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24211	68131	Zinc	199.6828	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24212	68131	Zinc	380.7622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24214	68131	Zinc	346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24217	68131	Zinc	552.8526	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24222	68131	Zinc	484.8833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24223	68131	Zinc	287.33	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24225	68131	Zinc	461.5297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24227	68131	Zinc	368.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24234	68131	Zinc	653.031	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24236	68131	Zinc	230.7972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24237	68131	Zinc	330.139	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24238	68131	Zinc	197.974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24239	68131	Zinc	320.8919	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24240	68131	Zinc	336.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24244	68131	Zinc	300.4664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24245	68131	Zinc	362.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24248	68131	Zinc	209.2147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24249	68131	Zinc	247.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24250	68131	Zinc	301.2941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24251	68131	Zinc	923.324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24252	68131	Zinc	273.6685	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24253	68131	Zinc	196.728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24255	68131	Zinc	276.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24258	68131	Zinc	416.8161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24262	68131	Zinc	347.0668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24267	68131	Zinc	226.8634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24268	68131	Zinc	254.934	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24271	68131	Zinc	252.1038	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24272	68131	Zinc	333.7257	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24274	68131	Zinc	264.2701	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24275	68131	Zinc	200.8042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24276	68131	Zinc	318.48	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24277	68131	Zinc	343.6848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24279	68131	Zinc	630.9145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24282	68131	Zinc	184.4994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24284	68131	Zinc	325.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24286	68131	Zinc	245.7848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24288	68131	Zinc	265.792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24289	68131	Zinc	393.8007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24290	68131	Zinc	358.441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24292	68131	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24295	68131	Zinc	415.8371	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24296	68131	Zinc	495.412	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24299	68131	Zinc	321.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24300	68131	Zinc	269.9572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24301	68131	Zinc	432.756	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24303	68131	Zinc	245.9272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24304	68131	Zinc	143.506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24305	68131	Zinc	296.0431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24307	68131	Zinc	634.3588	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24308	68131	Zinc	303.3589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24310	68131	Zinc	333.61	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24315	68131	Zinc	830.6483	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24316	68131	Zinc	235.6299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24318	68131	Zinc	481.5102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24319	68131	Zinc	190.7294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24320	68131	Zinc	554.8907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24327	68131	Zinc	310.292	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24328	68131	Zinc	236.956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24334	68131	Zinc	183.1822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24339	68131	Zinc	300.7779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24342	68131	Zinc	353.5638	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24343	68131	Zinc	306.732	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24344	68131	Zinc	218.266	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24348	68131	Zinc	1001.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
24350	68131	Zinc	194.7077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24352	68131	Zinc	404.0624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24357	68131	Zinc	369	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24358	68131	Zinc	210.1848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24359	68131	Zinc	187.4097	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24361	68131	Zinc	237.5968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24362	68131	Zinc	253.9283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24365	68131	Zinc	254.5068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24366	68131	Zinc	402.2913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24367	68131	Zinc	584	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24369	68131	Zinc	465.152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24370	68131	Zinc	659	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24371	68131	Zinc	264.19	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24372	68131	Zinc	240.3202	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24374	68131	Zinc	243.8891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24375	68131	Zinc	368.4268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24376	68131	Zinc	216	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24377	68131	Zinc	383.4589	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24379	68131	Zinc	336.4402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24381	68131	Zinc	311.4223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24382	68131	Zinc	342.9372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24384	68131	Zinc	185.87	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24385	68131	Zinc	653.4404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24386	68131	Zinc	250.0657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24387	68131	Zinc	535.7023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24388	68131	Zinc	806.5382	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24389	68131	Zinc	450.8675	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24390	68131	Zinc	216.9043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24391	68131	Zinc	248.17	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24392	68131	Zinc	179.0081	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24393	68131	Zinc	196.7814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24394	68131	Zinc	224.3981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24395	68131	Zinc	448.509	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24396	68131	Zinc	282	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24398	68131	Zinc	260.4164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24399	68131	Zinc	705.1761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24400	68131	Zinc	489.1998	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24403	68131	Zinc	278.43	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24404	68131	Zinc	350.6268	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24406	68131	Zinc	237.49	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24407	68131	Zinc	886.1754	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24410	68131	Zinc	430.264	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24411	68131	Zinc	476	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24412	68131	Zinc	356.2427	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24413	68131	Zinc	242.1981	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24414	68131	Zinc	349.2206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24418	68131	Zinc	383.1563	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24420	68131	Zinc	240.1333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24421	68131	Zinc	585.9606	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24423	68131	Zinc	398.1706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24424	68131	Zinc	358.9394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24428	68131	Zinc	367.074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24430	68131	Zinc	270.242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24431	68131	Zinc	415.1429	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24432	68131	Zinc	216.3792	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24433	68131	Zinc	126.6939	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24434	68131	Zinc	536.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24435	68131	Zinc	791.9867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24436	68131	Zinc	224.407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24437	68131	Zinc	396.0613	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24438	68131	Zinc	355.8244	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24439	68131	Zinc	215.8986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24441	68131	Zinc	468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24442	68131	Zinc	310.4255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24451	68131	Zinc	237.4544	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24452	68131	Zinc	405.7356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24453	68131	Zinc	223.1254	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24456	68131	Zinc	184.2769	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24457	68131	Zinc	365.917	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24458	68131	Zinc	294.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24462	68131	Zinc	392.0029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24464	68131	Zinc	241.2903	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24466	68131	Zinc	693.615	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24468	68131	Zinc	270.3132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24474	68131	Zinc	307.0791	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24475	68131	Zinc	347.9123	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24478	68131	Zinc	274.5585	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24479	68131	Zinc	191.2189	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24480	68131	Zinc	221.7014	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24481	68131	Zinc	297.8409	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24482	68131	Zinc	441.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24483	68131	Zinc	1345.362	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
24485	68131	Zinc	195.9982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24487	68131	Zinc	282.5952	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24491	68131	Zinc	250.3861	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24492	68131	Zinc	362.357	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24493	68131	Zinc	657.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24501	68131	Zinc	466.8074	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24504	68131	Zinc	916.471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24505	68131	Zinc	402.6473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24507	68131	Zinc	269.4321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24509	68131	Zinc	369.1566	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24513	68131	Zinc	870.5648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24515	68131	Zinc	369.21	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24516	68131	Zinc	150.1632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24520	68131	Zinc	176.347	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24521	68131	Zinc	228.0115	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24523	68131	Zinc	130.5921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
24524	68131	Zinc	860.1518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24526	68131	Zinc	249.1045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24527	68131	Zinc	343.6759	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24528	68131	Zinc	368.32	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24531	68131	Zinc	119.3692	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24533	68131	Zinc	193.0345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24534	68131	Zinc	122.2083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24535	68131	Zinc	681.9827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24536	68131	Zinc	412.108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24538	68131	Zinc	364.9914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24540	68131	Zinc	368.676	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24541	68131	Zinc	202.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24542	68131	Zinc	232.7107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24543	68131	Zinc	357.996	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24544	68131	Zinc	514.4402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24546	68131	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24552	68131	Zinc	350.8849	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24555	68131	Zinc	544.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24556	68131	Zinc	314.386	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24557	68131	Zinc	480.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24559	68131	Zinc	158.8496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24560	68131	Zinc	234.375	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24565	68131	Zinc	315.3472	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24566	68131	Zinc	631.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24567	68131	Zinc	111.4749	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
24568	68131	Zinc	321.4437	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24569	68131	Zinc	183.1733	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24571	68131	Zinc	181.2242	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24572	68131	Zinc	275.048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24573	68131	Zinc	314.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24574	68131	Zinc	902.6404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24577	68131	Zinc	319	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24579	68131	Zinc	221.8705	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24581	68131	Zinc	490.0809	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24582	68131	Zinc	157.034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24583	68131	Zinc	829.9096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24584	68131	Zinc	166.0052	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24587	68131	Zinc	198.9441	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24591	68131	Zinc	469.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24592	68131	Zinc	791.1145	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24595	68131	Zinc	408.192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24596	68131	Zinc	198.3656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24597	68131	Zinc	290.356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24599	68131	Zinc	394.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24600	68131	Zinc	342.9906	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24601	68131	Zinc	230	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24604	68131	Zinc	302.46	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24605	68131	Zinc	254.9162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24606	68131	Zinc	472.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24607	68131	Zinc	282.6041	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24609	68131	Zinc	234.4551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24610	68131	Zinc	450.2356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24611	68131	Zinc	670.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24612	68131	Zinc	492.1457	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24613	68131	Zinc	409.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24614	68131	Zinc	295.0018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24615	68131	Zinc	612.536	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24616	68131	Zinc	174.7539	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24618	68131	Zinc	695.4306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24619	68131	Zinc	436.2982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24620	68131	Zinc	324.354	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24621	68131	Zinc	515.6061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24625	68131	Zinc	436.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24626	68131	Zinc	551.2061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24631	68131	Zinc	792.7076	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24635	68131	Zinc	392.8573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24640	68131	Zinc	488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24641	68131	Zinc	254.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24643	68131	Zinc	252.798	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24646	68131	Zinc	423.767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24647	68131	Zinc	279.2043	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24648	68131	Zinc	354.9522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24649	68131	Zinc	222.0752	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24652	68131	Zinc	268.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24653	68131	Zinc	304.3468	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24655	68131	Zinc	259	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24657	68131	Zinc	206.251	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24659	68131	Zinc	541.0779	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24660	68131	Zinc	394.8064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24663	68131	Zinc	243.8179	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24668	68131	Zinc	926.528	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24669	68131	Zinc	561.6814	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
24671	68131	Zinc	193.88	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24672	68131	Zinc	257.4794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24674	68131	Zinc	378	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24675	68131	Zinc	125.1542	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24678	68131	Zinc	157.2743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24680	68131	Zinc	536.708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24683	68131	Zinc	274.8878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24684	68131	Zinc	277.3175	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24685	68131	Zinc	380.246	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24686	68131	Zinc	522.7083	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER							(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME					
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24688	68131	Zinc	421.7556	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24689	68131	Zinc	114.047	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
24690	68131	Zinc	814.6995	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24692	68131	Zinc	241	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24693	68131	Zinc	202.5664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24694	68131	Zinc	244.1294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24695	68131	Zinc	356.127	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24696	68131	Zinc	347.4673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24697	68131	Zinc	791.07	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24700	68131	Zinc	339.5107	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24701	68131	Zinc	288.042	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24703	68131	Zinc	363.6653	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24704	68131	Zinc	522.7706	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24705	68131	Zinc	212.9438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24706	68131	Zinc	250.9913	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24709	68131	Zinc	222.9385	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24710	68131	Zinc	233.396	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24711	68131	Zinc	948.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24712	68131	Zinc	278.964	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24714	68131	Zinc	216.13	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24716	68131	Zinc	265.6941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24718	68131	Zinc	480.1218	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24722	68131	Zinc	269.53	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24724	68131	Zinc	198.6237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24728	68131	Zinc	477.1225	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24729	68131	Zinc	332.898	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24730	68131	Zinc	152.94	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24732	68131	Zinc	1021.402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
24734	68131	Zinc	463.372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24735	68131	Zinc	187.0715	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24736	68131	Zinc	236.6	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24737	68131	Zinc	681.689	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24738	68131	Zinc	219.0581	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24740	68131	Zinc	169.0401	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24746	68131	Zinc	462.8113	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24747	68131	Zinc	343.3822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24750	68131	Zinc	207.9153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24751	68131	Zinc	317.1094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24755	68131	Zinc	251.1426	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24757	68131	Zinc	749.8363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24758	68131	Zinc	215.1688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24759	68131	Zinc	238.1308	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24760	68131	Zinc	200.6173	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24762	68131	Zinc	931.423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24763	68131	Zinc	191.2545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24765	68131	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24768	68131	Zinc	281.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24771	68131	Zinc	459.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24773	68131	Zinc	524.4972	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24775	68131	Zinc	417.4925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24776	68131	Zinc	276.6055	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24778	68131	Zinc	218.088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24779	68131	Zinc	228.7591	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24780	68131	Zinc	189.6436	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24781	68131	Zinc	386.5116	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24782	68131	Zinc	149.0596	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24783	68131	Zinc	162.1159	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24784	68131	Zinc	372.2093	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24785	68131	Zinc	317.2785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24787	68131	Zinc	242.9546	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24788	68131	Zinc	495.0471	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24790	68131	Zinc	219.0403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24792	68131	Zinc	824.8099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24793	68131	Zinc	713.2128	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24794	68131	Zinc	713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24795	68131	Zinc	284.2506	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24799	68131	Zinc	378.1011	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24800	68131	Zinc	176.9077	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
24801	68131	Zinc	401.8552	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24802	68131	Zinc	290.178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24807	68131	Zinc	364.9469	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24808	68131	Zinc	276.8992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24811	68131	Zinc	314.564	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24812	68131	Zinc	448.8294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24813	68131	Zinc	286.4489	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24815	68131	Zinc	136.475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
24816	68131	Zinc	305.664	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24818	68131	Zinc	229.7381	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24820	68131	Zinc	257.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24822	68131	Zinc	173.677	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24823	68131	Zinc	220.0905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24824	68131	Zinc	128.0467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24825	68131	Zinc	293.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24827	68131	Zinc	416.9763	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24828	68131	Zinc	122.1104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24829	68131	Zinc	666.1229	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24830	68131	Zinc	285.0338	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24831	68131	Zinc	226.988	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24832	68131	Zinc	366.0149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24834	68131	Zinc	143.9688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24836	68131	Zinc	441.6827	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24837	68131	Zinc	334.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24838	68131	Zinc	364.1815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24839	68131	Zinc	257.5239	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24841	68131	Zinc	312.3657	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24843	68131	Zinc	96.0423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
24844	68131	Zinc	302.6291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24847	68131	Zinc	397.2272	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24848	68131	Zinc	352.7005	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24849	68131	Zinc	373.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24850	68131	Zinc	601.2864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24853	68131	Zinc	227.5932	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24855	68131	Zinc	318.8894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24857	68131	Zinc	168.2658	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24858	68131	Zinc	247.3067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24859	68131	Zinc	235.1404	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24861	68131	Zinc	332.5153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24863	68131	Zinc	292.848	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24864	68131	Zinc	212.6857	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24865	68131	Zinc	892.2986	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24869	68131	Zinc	279.0975	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24870	68131	Zinc	275.9024	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24871	68131	Zinc	466.3624	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24872	68131	Zinc	229.8894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24874	68131	Zinc	310.0695	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24875	68131	Zinc	353.9465	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24876	68131	Zinc	417.6527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24877	68131	Zinc	524.5684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24878	68131	Zinc	325.5822	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24880	68131	Zinc	160.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24881	68131	Zinc	402.2557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24882	68131	Zinc	479.2496	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24884	68131	Zinc	498.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24885	68131	Zinc	495.5277	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24887	68131	Zinc	475	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24888	68131	Zinc	373.8291	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24889	68131	Zinc	370.7408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24890	68131	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24891	68131	Zinc	201.4806	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24892	68131	Zinc	207.5148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24893	68131	Zinc	425.1198	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24894	68131	Zinc	325.5377	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24895	68131	Zinc	273.5439	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24896	68131	Zinc	543.9704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24898	68131	Zinc	316.3974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24899	68131	Zinc	231.794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24900	68131	Zinc	347.6987	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24901	68131	Zinc	402.5761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24902	68131	Zinc	328.1721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24903	68131	Zinc	498.7317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24904	68131	Zinc	289.0833	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24905	68131	Zinc	223.8908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24906	68131	Zinc	410.6573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24907	68131	Zinc	247.992	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24908	68131	Zinc	208.4493	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24909	68131	Zinc	298.366	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24911	68131	Zinc	222.8673	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24912	68131	Zinc	326.7214	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24913	68131	Zinc	622.7443	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24914	68131	Zinc	256.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24915	68131	Zinc	381.1805	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24918	68131	Zinc	291.0858	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24919	68131	Zinc	296.8352	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24920	68131	Zinc	165.0707	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24921	68131	Zinc	175.4926	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
24922	68131	Zinc	387.4728	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24923	68131	Zinc	272.6361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24924	68131	Zinc	332.6666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
24925	68131	Zinc	1113.072	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
24926	68131	Zinc	386.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24927	68131	Zinc	164.065	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
24928	68131	Zinc	364.1103	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24931	68131	Zinc	352.1131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24932	68131	Zinc	974.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
24934	68131	Zinc	692.4402	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24935	68131	Zinc	489.3422	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24936	68131	Zinc	242.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24937	68131	Zinc	320.438	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24939	68131	Zinc	304.8363	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24946	68131	Zinc	511.3341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24947	68131	Zinc	218.8	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24948	68131	Zinc	196.817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
24949	68131	Zinc	391.8516	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24951	68131	Zinc	287.686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
24952	68131	Zinc	150.9108	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
24953	68131	Zinc	264.902	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24955	68131	Zinc	238.0329	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24956	68131	Zinc	799.3114	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
24957	68131	Zinc	254.4623	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24958	68131	Zinc	408.726	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24959	68131	Zinc	412.2237	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24960	68131	Zinc	390.3297	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24961	68131	Zinc	275.5909	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24962	68131	Zinc	230	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24963	68131	Zinc	271.6927	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24964	68131	Zinc	215.7651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24968	68131	Zinc	130.245	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
24969	68131	Zinc	1705.99	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
24970	68131	Zinc	208.5739	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
24971	68131	Zinc	203.403	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
24972	68131	Zinc	231.8029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24973	68131	Zinc	297.921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24976	68131	Zinc	321.061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24977	68131	Zinc	760.3383	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
24978	68131	Zinc	368.0174	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24979	68131	Zinc	1062.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
24980	68131	Zinc	269.2808	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24981	68131	Zinc	439.1017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24983	68131	Zinc	382.6668	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24984	68131	Zinc	313.7096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24987	68131	Zinc	239.4213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24988	68131	Zinc	223.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24989	68131	Zinc	265.08	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24990	68131	Zinc	477.3361	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24992	68131	Zinc	364.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24993	68131	Zinc	405.3084	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
24994	68131	Zinc	322.93	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24997	68131	Zinc	291.424	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
24998	68131	Zinc	376.152	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25003	68131	Zinc	424.0518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25005	68131	Zinc	520.7503	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25006	68131	Zinc	310.3365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25007	68131	Zinc	282.5062	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25008	68131	Zinc	323.8467	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25009	68131	Zinc	165.3021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25010	68131	Zinc	258.8233	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25011	68131	Zinc	330.2102	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25012	68131	Zinc	378.911	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25016	68131	Zinc	811.5667	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25019	68131	Zinc	289.4215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25021	68131	Zinc	431.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25022	68131	Zinc	266.8511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25025	68131	Zinc	433.1654	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25026	68131	Zinc	240.8364	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25027	68131	Zinc	453.0925	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25028	68131	Zinc	356.4118	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25030	68131	Zinc	881.672	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25031	68131	Zinc	348.918	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25032	68131	Zinc	706.876	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25035	68131	Zinc	381.0025	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25037	68131	Zinc	239.1365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25039	68131	Zinc	214.35	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25041	68131	Zinc	557.1958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25042	68131	Zinc	407.5334	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25044	68131	Zinc	321.6573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25047	68131	Zinc	338.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25049	68131	Zinc	278.4656	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25051	68131	Zinc	439.1818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25052	68131	Zinc	166.0141	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25053	68131	Zinc	735.5073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25056	68131	Zinc	233.6096	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25057	68131	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25059	68131	Zinc	239.1454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25061	68131	Zinc	307.6131	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25062	68131	Zinc	433.1921	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25063	68131	Zinc	214.6704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25065	68131	Zinc	210.0602	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25066	68131	Zinc	159.882	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25068	68131	Zinc	666.648	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25069	68131	Zinc	271.2388	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25070	68131	Zinc	509.3227	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25071	68131	Zinc	385.8708	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25072	68131	Zinc	638.0434	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25075	68131	Zinc	469.7088	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25076	68131	Zinc	400.7872	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25077	68131	Zinc	258.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25078	68131	Zinc	276.6411	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25079	68131	Zinc	188.0594	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25080	68131	Zinc	453.7333	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25081	68131	Zinc	452.0067	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25082	68131	Zinc	282.079	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25086	68131	Zinc	224.2557	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25088	68131	Zinc	468.9078	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25089	68131	Zinc	516.772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25091	68131	Zinc	528.6891	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25092	68131	Zinc	697.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25093	68131	Zinc	295.8206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25095	68131	Zinc	543.9704	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25096	68131	Zinc	216.4593	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25098	68131	Zinc	257.9867	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25100	68131	Zinc	362.7575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25105	68131	Zinc	305.1745	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25106	68131	Zinc	237.6413	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25107	68131	Zinc	397.5832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25108	68131	Zinc	205.1207	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25109	68131	Zinc	267.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25112	68131	Zinc	272.2	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25113	68131	Zinc	483.3881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25114	68131	Zinc	497.0407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25116	68131	Zinc	346.4794	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25117	68131	Zinc	649.1595	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25119	68131	Zinc	173.766	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25121	68131	Zinc	153.83	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25123	68131	Zinc	549.7287	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25124	68131	Zinc	333.6545	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25126	68131	Zinc	251.7923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25127	68131	Zinc	164.9817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25130	68131	Zinc	365	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25131	68131	Zinc	424.835	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25133	68131	Zinc	213.4956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25135	68131	Zinc	464.3955	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25137	68131	Zinc	481	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25139	68131	Zinc	294.1029	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25140	68131	Zinc	262.7393	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25141	68131	Zinc	410.5327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25142	68131	Zinc	166.9575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25144	68131	Zinc	382.9605	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25145	68131	Zinc	322.9389	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25146	68131	Zinc	344.29	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25147	68131	Zinc	367.9195	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25150	68131	Zinc	548.2958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25151	68131	Zinc	390.036	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25152	68131	Zinc	284.4464	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25153	68131	Zinc	130.2895	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25154	68131	Zinc	489.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25155	68131	Zinc	455.9316	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25156	68131	Zinc	390.3742	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25158	68131	Zinc	246.5324	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25159	68131	Zinc	382.204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25160	68131	Zinc	336.458	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25161	68131	Zinc	232.1945	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25162	68131	Zinc	472.3521	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25163	68131	Zinc	736.2994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25164	68131	Zinc	576.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25165	68131	Zinc	199.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25166	68131	Zinc	163.5488	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25167	68131	Zinc	248.0721	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25168	68131	Zinc	217.3048	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25169	68131	Zinc	374.9416	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25171	68131	Zinc	1326.761	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
25173	68131	Zinc	376.9797	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25180	68131	Zinc	261.3153	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25181	68131	Zinc	347.6275	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25182	68131	Zinc	312.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25183	68131	Zinc	762.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25184	68131	Zinc	351.41	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25185	68131	Zinc	657.2318	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25187	68131	Zinc	358.2274	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25188	68131	Zinc	408.3878	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25189	68131	Zinc	370.9099	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25190	68131	Zinc	217.02	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25191	68131	Zinc	3652.865	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25193	68131	Zinc	448.0818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25195	68131	Zinc	1096.785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
25197	68131	Zinc	292.3674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25198	68131	Zinc	4183.572	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
25199	68131	Zinc	772.6826	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25200	68131	Zinc	274.1491	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25202	68131	Zinc	144.0044	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25203	68131	Zinc	255.5125	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25204	68131	Zinc	1046.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
25206	68131	Zinc	272.7785	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25208	68131	Zinc	217.1713	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25209	68131	Zinc	216.486	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25210	68131	Zinc	435.0967	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25213	68131	Zinc	356.5008	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25215	68131	Zinc	122.6177	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
25216	68131	Zinc	189.3944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo $(mg/kg\text{-}d)^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} $(mg/kg\text{-}d)^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25217	68131	Zinc	165.5958	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25221	68131	Zinc	366.0327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25223	68131	Zinc	501.0368	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25225	68131	Zinc	215.7651	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25226	68131	Zinc	309.2151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25227	68131	Zinc	146.3718	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25228	68131	Zinc	358.2185	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25230	68131	Zinc	554.4813	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25231	68131	Zinc	302	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25237	68131	Zinc	263.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25238	68131	Zinc	272.289	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25239	68131	Zinc	159.6684	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
25240	68131	Zinc	167.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25241	68131	Zinc	722.2196	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25242	68131	Zinc	345	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25245	68131	Zinc	164.688	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25247	68131	Zinc	200.0299	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25250	68131	Zinc	530.9408	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25251	68131	Zinc	386.0577	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25253	68131	Zinc	771.0094	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25254	68131	Zinc	782.4281	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25255	68131	Zinc	207.2923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25256	68131	Zinc	299.9057	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25259	68131	Zinc	350.4666	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25260	68131	Zinc	517.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25263	68131	Zinc	300.7423	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25265	68131	Zinc	651.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25271	68131	Zinc	542.0391	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25274	68131	Zinc	277.1306	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25277	68131	Zinc	281.2068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25278	68131	Zinc	632.5877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25281	68131	Zinc	681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25282	68131	Zinc	458.8508	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25284	68131	Zinc	172.164	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25285	68131	Zinc	225.3504	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25286	68131	Zinc	475.8765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25288	68131	Zinc	1099.633	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
25289	68131	Zinc	332.3017	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25292	68131	Zinc	361.022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25293	68131	Zinc	417.448	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25294	68131	Zinc	491.2201	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25295	68131	Zinc	577.6747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25296	68131	Zinc	239.7328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25298	68131	Zinc	249.238	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25299	68131	Zinc	203.9192	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25301	68131	Zinc	495.6256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25302	68131	Zinc	268.8714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25303	68131	Zinc	320.2066	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25305	68131	Zinc	633.1573	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25309	68131	Zinc	252.6645	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25311	68131	Zinc	565.8021	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25312	68131	Zinc	535.3018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25313	68131	Zinc	369.8419	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25314	68131	Zinc	305.1923	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25315	68131	Zinc	311.6982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25316	68131	Zinc	848.2614	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25319	68131	Zinc	779.8738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25322	68131	Zinc	397.3162	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25324	68131	Zinc	295.9007	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25325	68131	Zinc	358.9928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25327	68131	Zinc	374.5767	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25329	68131	Zinc	452.9323	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25330	68131	Zinc	283.6098	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25331	68131	Zinc	303.172	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25332	68131	Zinc	742.3336	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25333	68131	Zinc	175.5905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25334	68131	Zinc	198.953	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25335	68131	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25337	68131	Zinc	417.27	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25344	68131	Zinc	628.022	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25346	68131	Zinc	654.01	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25347	68131	Zinc	233.5206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25348	68131	Zinc	213.994	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25349	68131	Zinc	330.5929	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25351	68131	Zinc	483.3703	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25352	68131	Zinc	583.7178	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25355	68131	Zinc	410.328	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25356	68131	Zinc	351.2765	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25357	68131	Zinc	224.8431	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25359	68131	Zinc	387.3126	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25361	68131	Zinc	298.0634	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25362	68131	Zinc	408.8061	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25364	68131	Zinc	448.4111	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25365	68131	Zinc	526.1971	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25369	68131	Zinc	400.2265	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25371	68131	Zinc	300.3418	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25374	68131	Zinc	185.2559	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04

Reasonable Maximum Exposure - Zinc

				HIFs Ingestion of Surface Soil (kg/kg-d)											HIFs Contact with Surface Soil (kg/kg-d)												
				TOXICITY VALUES				NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25376	68131	Zinc	300.68	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25377	68131	Zinc	381.6255	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25381	68131	Zinc	398.58	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25383	68131	Zinc	122.3151	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
25384	68131	Zinc	747.7982	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25385	68131	Zinc	470.0203	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25391	68131	Zinc	294	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25392	68131	Zinc	359.3132	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25393	68131	Zinc	454.2406	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25394	68131	Zinc	281.1	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25395	68131	Zinc	362.4905	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25397	68131	Zinc	664.69	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25398	68131	Zinc	512.2597	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25399	68131	Zinc	329.6495	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25401	68131	Zinc	277.7714	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25408	68131	Zinc	989.54	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
25410	68131	Zinc	666.4522	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25411	68131	Zinc	289.11	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25412	68131	Zinc	1263.66	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
25414	68131	Zinc	1158.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
25418	68131	Zinc	399.47	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25420	68131	Zinc	330.4772	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25421	68131	Zinc	521.3555	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25422	68131	Zinc	257.9956	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25423	68131	Zinc	260.2206	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25425	68131	Zinc	321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25426	68131	Zinc	203.314	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25427	68131	Zinc	318.747	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25429	68131	Zinc	677.5505	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25433	68131	Zinc	378.5283	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25434	68131	Zinc	145.0724	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
25437	68131	Zinc	803.7881	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25447	68131	Zinc	263.8073	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25448	68131	Zinc	307.622	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25450	68131	Zinc	120.2681	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25453	68131	Zinc	185.8344	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25456	68131	Zinc	245.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25457	68131	Zinc	292.3407	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25458	68131	Zinc	469.2104	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25459	68131	Zinc	521.9518	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25460	68131	Zinc	206.34	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25461	68131	Zinc	596.5071	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25466	68131	Zinc	525.1736	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25467	68131	Zinc	487.9004	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25469	68131	Zinc	422.4498	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25470	68131	Zinc	529.944	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25473	68131	Zinc	483.9755	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25474	68131	Zinc	225.03	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25475	68131	Zinc	775.05	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25477	68131	Zinc	268.284	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25478	68131	Zinc	396.1859	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25480	68131	Zinc	234.3394	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25481	68131	Zinc	626.954	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25485	68131	Zinc	595.1632	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25489	68131	Zinc	394.8064	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25491	68131	Zinc	367.0473	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25492	68131	Zinc	284.1616	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25494	68131	Zinc	699.5513	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25495	68131	Zinc	537.7137	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25496	68131	Zinc	287.1787	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25498	68131	Zinc	213.5045	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25500	68131	Zinc	674.9161	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25501	68131	Zinc	609.8215	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25503	68131	Zinc	345.7674	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25505	68131	Zinc	207.7818	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25507	68131	Zinc	423.0817	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25508	68131	Zinc	199.22	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
25509	68131	Zinc	255.023	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25513	68131	Zinc	343.2398	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25514	68131	Zinc	616.63	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25515	68131	Zinc	737.6166	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25518	68131	Zinc	388.79	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25520	68131	Zinc	289.8309	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25522	68131	Zinc	254.7738	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25523	68131	Zinc	890.0914	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25527	68131	Zinc	239.6527	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25529	68131	Zinc	507.6228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25530	68131	Zinc	628.5204	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25531	68131	Zinc	227.7356	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25532	68131	Zinc	385.764	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25537	68131	Zinc	436.049	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25539	68131	Zinc	164.2697	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25540	68131	Zinc	472.45	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25541	68131	Zinc	245.5	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25543	68131	Zinc	430.62	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25544	68131	Zinc	228.768	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25546	68131	Zinc	253.9372	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
25547	68131	Zinc	211.8313	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25548	68131	Zinc	310.8171	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25550	68131	Zinc	456.6525	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25554	68131	Zinc	180	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25557	68131	Zinc	308.5832	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25558	68131	Zinc	230.8951	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25560	68131	Zinc	624.64	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25562	68131	Zinc	268.0793	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25564	68131	Zinc	309.224	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25565	68131	Zinc	823.3414	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25569	68131	Zinc	249.95	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25571	68131	Zinc	478.4575	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25573	68131	Zinc	416.3444	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25574	68131	Zinc	371.346	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25576	68131	Zinc	180.9839	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25577	68131	Zinc	1476.815	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
25579	68131	Zinc	327	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25580	68131	Zinc	675.2454	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25581	68131	Zinc	467.6974	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25584	68131	Zinc	1015.973	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
25585	68131	Zinc	683.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25586	68131	Zinc	272.734	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25587	68131	Zinc	568.748	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25591	68131	Zinc	211.4219	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25592	68131	Zinc	460.0968	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25594	68131	Zinc	278.786	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25595	68131	Zinc	311.2799	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25599	68131	Zinc	891.1149	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25600	68131	Zinc	330.6018	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25601	68131	Zinc	807.98	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25603	68131	Zinc	257.5773	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25604	68131	Zinc	236.3686	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25605	68131	Zinc	133.4223	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25606	68131	Zinc	425.28	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25607	68131	Zinc	533	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25609	68131	Zinc	307.1147	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25611	68131	Zinc	286.1908	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25614	68131	Zinc	418.1511	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25617	68131	Zinc	274.5941	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25618	68131	Zinc	858.7812	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25623	68131	Zinc	391.9228	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25628	68131	Zinc	224.6829	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25629	68131	Zinc	625.4321	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25630	68131	Zinc	862.003	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
25633	68131	Zinc	308.1916	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25634	68131	Zinc	683.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25636	68131	Zinc	752.3461	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25639	68131	Zinc	246.034	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25641	68131	Zinc	558.068	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25655	68131	Zinc	168.96	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25657	68131	Zinc	445.928	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25665	68131	Zinc	218.889	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25668	68131	Zinc	166.9397	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25690	68131	Zinc	287.864	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25694	68131	Zinc	585.213	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49213	68131	Zinc	189.341	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49214	68131	Zinc	165.845	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49215	68131	Zinc	133.894	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49370	68131	Zinc	282.168	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50000	68131	Zinc	179.551	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
50009	68131	Zinc	123.837	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50439	68131	Zinc	376.1253	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50446	68131	Zinc	563.7907	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
50448	68131	Zinc	292.3051	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50534	68131	Zinc	376.6148	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50576	68131	Zinc	842.7256	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
50580	68131	Zinc	445.6877	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
55747	68131	Zinc	304.24	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
57809	68131	Zinc	375.44	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
58685	68131	Zinc	196.55	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
82423	68131	Zinc	317.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
86097	68131	Zinc	249.06	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
89514	68131	Zinc	5413.73	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-01	2E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-01	2E-02
89546	68131	Zinc	149.38	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
89547	68131	Zinc	174.3	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
89787	68131	Zinc	788.4	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
90307	68131	Zinc	177.86	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
90701	68131	Zinc	250.84	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
90705	68131	Zinc	320.26	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
91158	68131	Zinc	187.65	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
91386	68131	Zinc	186.76	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
91457	68131	Zinc	471.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
92702	68131	Zinc	78.18	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-03	4E-04
93111	68131	Zinc	299.6743	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93113	68131	Zinc	208.12	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
93114	68131	Zinc	317	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93131	68131	Zinc	648.1716	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)									HIFs Contact with Surface Soil (kg/kg-d)											
								NONCANCER		CANCER		RISK FROM INGESTION OF SOIL					NONCANCER		CANCER		RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	NONCANCER HQ_RME		CANCER RISK_RME			Child	Adult	Child	Adult	NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
												Child	Adult	Child	Adult	Total					Child	Adult	Child	Adult	Total	RME	RME	RME
93132	68131	Zinc	306.1001	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93171	68131	Zinc	403.92	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93413	68131	Zinc	115.56	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
93414	68131	Zinc	170.74	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
93415	68131	Zinc	178.75	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
93416	68131	Zinc	134.25	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
93417	68131	Zinc	489.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
93418	68131	Zinc	311.36	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93419	68131	Zinc	183	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
93420	68131	Zinc	202.78	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
93540	68131	Zinc	228.59	3.00E-01	--	3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
1606	68102	Zinc	284.838	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22418	68102	Zinc	178.0024	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
22422	68102	Zinc	223.4547	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22428	68102	Zinc	192.723	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22433	68102	Zinc	427.5762	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22481	68102	Zinc	407.3287	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22485	68102	Zinc	662.02	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22486	68102	Zinc	93.5592	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
22489	68102	Zinc	215.1332	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22493	68102	Zinc	963.641	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
22513	68102	Zinc	284.3574	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22520	68102	Zinc	376.8106	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22565	68102	Zinc	236.1906	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22572	68102	Zinc	466.7273	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22573	68102	Zinc	197.1908	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
22583	68102	Zinc	160.5139	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22589	68102	Zinc	1028.344	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
22611	68102	Zinc	3264.647	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
22614	68102	Zinc	479.0449	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22649	68102	Zinc	220.0282	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
22714	68102	Zinc	341.1216	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
22719	68102	Zinc	140.4622	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
22743	68102	Zinc	508.228	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22770	68102	Zinc	592.8225	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
22782	68102	Zinc	495.7324	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22786	68102	Zinc	154.809	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
22840	68102	Zinc	286.3599	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
22842	68102	Zinc	375.6002	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
22886	68102	Zinc	1392.888	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
23026	68102	Zinc	176.7564	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
23034	68102	Zinc	94.8319	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
23694	68102	Zinc	338.8432	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
23695	68102	Zinc	127.6373	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
24637	68102	Zinc	1099.544	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
25172	68102	Zinc	563.6572	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25233	68102	Zinc	407.7559	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25264	68102	Zinc	550.2271	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
25270	68102	Zinc	172.6802	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
25283	68102	Zinc	774.9966	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
25428	68102	Zinc	438.096	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25439	68102	Zinc	1006.183	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
25451	68102	Zinc	315.4184	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25535	68102	Zinc	425.7517	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25553	68102	Zinc	119.2535	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25561	68102	Zinc	181.1263	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25567	68102	Zinc	218.1325	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25597	68102	Zinc	351.3477	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25626	68102	Zinc	385.5148	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
25632	68102	Zinc	222.9385	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25654	68102	Zinc	121.7544	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
25656	68102	Zinc	711.1836	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
25666	68102	Zinc	102.1032	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
25676	68102	Zinc	183.9387	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
25700	68102	Zinc	348.8557	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
25717	68102	Zinc	107.6746	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25720	68102	Zinc	308.0581	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
25725	68102	Zinc	123.3564	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
25792	68102	Zinc	107.995	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25795	68102	Zinc	112.7387	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
25852	68102	Zinc	216.8153	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
25857	68102	Zinc	133.4846	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25889	68102	Zinc	1114.585	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
25891	68102	Zinc	202.9669	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
25905	68102	Zinc	135.5405	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
25914	68102	Zinc	115.7647	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
55757	68102	Zinc	123.57	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
90101	68102	Zinc	115.56	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
90103	68102	Zinc	129.8	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
90104	68102	Zinc	126.24	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
202	68104	Zinc	145.553	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
319	68104	Zinc	260.63	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
518	68104	Zinc	156.589	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
782	68104	Zinc	357.64	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
2133	68104	Zinc	180	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
2275	68104	Zinc	490.072	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5019	68104	Zinc	90.996	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
5020	68104	Zinc	391.104	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5021	68104	Zinc	186.226	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
5026	68104	Zinc	372	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5141	68104	Zinc	530.3	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
5142	68104	Zinc	338.416	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
5143	68104	Zinc	176.347	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5144	68104	Zinc	142	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5145	68104	Zinc	176.703	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5147	68104	Zinc	185.425	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
5149	68104	Zinc	301.214	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50476	68104	Zinc	341.353	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
50480	68104	Zinc	187.1872	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50551	68104	Zinc	210.5141	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
50584	68104	Zinc	372.3517	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50647	68104	Zinc	199.1488	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52417	68104	Zinc	228.1539	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
57976	68104	Zinc	462.66	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
63438	68104	Zinc	393.24	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
63851	68104	Zinc	135.5227	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
65573	68104	Zinc	200.2257	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49152	68106	Zinc	142.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49531	68106	Zinc	934.983	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49533	68106	Zinc	1358.89	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
49534	68106	Zinc	542.3773	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51004	68106	Zinc	380.78	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51005	68106	Zinc	258.85	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51006	68106	Zinc	196.0961	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51008	68106	Zinc	235.71	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51011	68106	Zinc	1230	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
51012	68106	Zinc	202.9758	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51013	68106	Zinc	247.2889	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51014	68106	Zinc	254.0262	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51015	68106	Zinc	310.47	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51016	68106	Zinc	440.677	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51017	68106	Zinc	178.1804	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51018	68106	Zinc	313.14	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51019	68106	Zinc	292.047	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51020	68106	Zinc	217.91	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51022	68106	Zinc	261.1551	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51024	68106	Zinc	297.2179	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51025	68106	Zinc	349.0159	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51026	68106	Zinc	383.8416	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51027	68106	Zinc	556.0388	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51028	68106	Zinc	308.69	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51029	68106	Zinc	201.1068	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51030	68106	Zinc	224.5138	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51031	68106	Zinc	278.43	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51033	68106	Zinc	978.237	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51034	68106	Zinc	349.7724	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51035	68106	Zinc	189.1185	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51036	68106	Zinc	621.4004	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51037	68106	Zinc	385.141	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51038	68106	Zinc	208.1645	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51039	68106	Zinc	207.1677	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51040	68106	Zinc	576.4732	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51041	68106	Zinc	203.2606	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51043	68106	Zinc	137.0357	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51045	68106	Zinc	354.6051	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51046	68106	Zinc	116.6547	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
51047	68106	Zinc	151.1956	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51048	68106	Zinc	300.3685	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51049	68106	Zinc	165.2309	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51050	68106	Zinc	157.2298	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51052	68106	Zinc	549.2748	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51053	68106	Zinc	181.0996	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51054	68106	Zinc	160.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51056	68106	Zinc	144.9834	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51057	68106	Zinc	194.4318	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51058	68106	Zinc	170	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51059	68106	Zinc	144.0311	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51061	68106	Zinc	303.706	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51062	68106	Zinc	169.4851	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51064	68106	Zinc	209.01	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51065	68106	Zinc	254.8183	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51066	68106	Zinc	264.4837	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51067	68106	Zinc	219.69	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51068	68106	Zinc	213.46	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51069	68106	Zinc	195.8647	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51070	68106	Zinc	209.2325	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51071	68106	Zinc	252.62	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51072	68106	Zinc	185.3449	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51073	68106	Zinc	297.3069	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51074	68106	Zinc	223.6505	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51075	68106	Zinc	303.8039	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51076	68106	Zinc	870.0842	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51077	68106	Zinc	210.7811	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51078	68106	Zinc	181.153	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51079	68106	Zinc	317.4031	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51080	68106	Zinc	333.61	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51082	68106	Zinc	214.35	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51083	68106	Zinc	312.4725	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51084	68106	Zinc	120.6508	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51085	68106	Zinc	180.53	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51086	68106	Zinc	435.8799	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51087	68106	Zinc	188.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51088	68106	Zinc	475.0844	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51089	68106	Zinc	222.36	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51090	68106	Zinc	204.4977	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
51091	68106	Zinc	152.05	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51092	68106	Zinc	285.55	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51093	68106	Zinc	158.3601	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51094	68106	Zinc	232.5238	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51095	68106	Zinc	182.1498	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51097	68106	Zinc	529.3833	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51098	68106	Zinc	305.219	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51099	68106	Zinc	239.6616	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51100	68106	Zinc	178.3317	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51101	68106	Zinc	155.4142	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51102	68106	Zinc	186.6977	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51103	68106	Zinc	218.1325	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51104	68106	Zinc	372.5119	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51105	68106	Zinc	277.9672	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51106	68106	Zinc	222.182	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51107	68106	Zinc	175.0209	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51108	68106	Zinc	443.6852	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51109	68106	Zinc	215.4625	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51110	68106	Zinc	175.0387	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51111	68106	Zinc	653.12	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51113	68106	Zinc	144.4049	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51114	68106	Zinc	292.4475	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51115	68106	Zinc	172.4755	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51116	68106	Zinc	165.6047	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51117	68106	Zinc	201.267	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51118	68106	Zinc	209.9	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51119	68106	Zinc	226.81	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51120	68106	Zinc	184.0455	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51121	68106	Zinc	180.0405	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51122	68106	Zinc	220.58	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51123	68106	Zinc	179.551	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51124	68106	Zinc	211.2083	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51125	68106	Zinc	185.1847	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51126	68106	Zinc	400.36	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51127	68106	Zinc	164.8215	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51129	68106	Zinc	181.954	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51130	68106	Zinc	161.7777	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51131	68106	Zinc	135.0866	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51132	68106	Zinc	228.3052	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51133	68106	Zinc	168.96	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51134	68106	Zinc	170.74	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51135	68106	Zinc	308.6633	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51136	68106	Zinc	406.2073	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51138	68106	Zinc	297.1378	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51139	68106	Zinc	215.0887	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51141	68106	Zinc	141.1742	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51142	68106	Zinc	151.1867	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51143	68106	Zinc	156	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51144	68106	Zinc	150.2077	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51145	68106	Zinc	198.9886	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51146	68106	Zinc	147.5822	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51147	68106	Zinc	188.3798	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51148	68106	Zinc	200.6974	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51149	68106	Zinc	155.432	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51150	68106	Zinc	201	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51151	68106	Zinc	191.3435	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51153	68106	Zinc	241.7442	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51155	68106	Zinc	153.3049	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51156	68106	Zinc	121.7099	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51157	68106	Zinc	387.5974	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51158	68106	Zinc	176.8276	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51159	68106	Zinc	328.448	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51160	68106	Zinc	220	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51161	68106	Zinc	217.0111	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51162	68106	Zinc	192.7052	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51163	68106	Zinc	2270.339	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-01	1E-02	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-01	1E-02
51164	68106	Zinc	137.8189	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51165	68106	Zinc	173.766	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51166	68106	Zinc	220.58	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51168	68106	Zinc	177.1836	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51169	68106	Zinc	150.3946	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51170	68106	Zinc	161.4573	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51172	68106	Zinc	184.2235	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51173	68106	Zinc	255.2811	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51174	68106	Zinc	152.05	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51175	68106	Zinc	462.0904	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51176	68106	Zinc	194.2983	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51178	68106	Zinc	149.2287	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51179	68106	Zinc	172.1017	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51180	68106	Zinc	174.6916	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51181	68106	Zinc	162.4897	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51182	68106	Zinc	438.1761	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51183	68106	Zinc	163.4776	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51184	68106	Zinc	399.6124	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51185	68106	Zinc	195.2951	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51187	68106	Zinc	128.643	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
51188	68106	Zinc	168.604	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
562	68112	Zinc	165.311	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2269	68112	Zinc	766	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
3113	68112	Zinc	240.694	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5328	68112	Zinc	541.692	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39713	68112	Zinc	482.952	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39714	68112	Zinc	297.476	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39715	68112	Zinc	340.9169	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39717	68112	Zinc	260.007	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39722	68112	Zinc	291.7177	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39729	68112	Zinc	257.96	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39737	68112	Zinc	167.7763	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
39740	68112	Zinc	477.4251	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39744	68112	Zinc	279.3289	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39746	68112	Zinc	392.4835	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39750	68112	Zinc	340.0536	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39751	68112	Zinc	235.977	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39752	68112	Zinc	411.7342	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39755	68112	Zinc	777.809	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
39761	68112	Zinc	176.2402	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
39765	68112	Zinc	276.828	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39775	68112	Zinc	242.5808	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39786	68112	Zinc	528.164	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39809	68112	Zinc	574.8712	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
39812	68112	Zinc	247.2088	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39820	68112	Zinc	272.8764	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39822	68112	Zinc	421.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39823	68112	Zinc	182.666	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
39829	68112	Zinc	522.824	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39834	68112	Zinc	217.3582	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
39840	68112	Zinc	480.2642	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39845	68112	Zinc	374.9238	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39846	68112	Zinc	232.8175	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39874	68112	Zinc	637.3759	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
39924	68112	Zinc	281.3314	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39928	68112	Zinc	336.7072	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39931	68112	Zinc	274.5051	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39937	68112	Zinc	480.3532	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39941	68112	Zinc	278.2253	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39945	68112	Zinc	334.6869	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39951	68112	Zinc	349	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39957	68112	Zinc	202.8601	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
39961	68112	Zinc	355.4506	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39965	68112	Zinc	309.758	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39968	68112	Zinc	351.6503	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
39970	68112	Zinc	254.7026	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39983	68112	Zinc	325.066	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
39988	68112	Zinc	211.2528	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
39991	68112	Zinc	495.768	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
39998	68112	Zinc	253.51	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40016	68112	Zinc	508.228	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40027	68112	Zinc	216.4148	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40046	68112	Zinc	244.432	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40058	68112	Zinc	332.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
40072	68112	Zinc	205.6903	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
40077	68112	Zinc	190.676	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
40079	68112	Zinc	383.361	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40082	68112	Zinc	264.19	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40087	68112	Zinc	229.0261	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40094	68112	Zinc	153.741	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
40135	68112	Zinc	257.248	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40141	68112	Zinc	229.8894	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40144	68112	Zinc	274.0868	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40150	68112	Zinc	314.2436	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40159	68112	Zinc	252.442	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40164	68112	Zinc	507.2401	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40174	68112	Zinc	450.9476	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40184	68112	Zinc	393.952	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40186	68112	Zinc	219.2717	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40190	68112	Zinc	236.8403	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40192	68112	Zinc	189.341	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
40194	68112	Zinc	259	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40196	68112	Zinc	237.8282	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40205	68112	Zinc	283.6365	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40206	68112	Zinc	460.88	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40217	68112	Zinc	392.528	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40240	68112	Zinc	214.439	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40247	68112	Zinc	319.8684	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40253	68112	Zinc	316.077	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40268	68112	Zinc	467.5728	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40277	68112	Zinc	174.745	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
40299	68112	Zinc	824.712	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
40311	68112	Zinc	463.6835	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40317	68112	Zinc	257.604	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40324	68112	Zinc	295.1086	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40332	68112	Zinc	132.025	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
40361	68112	Zinc	390.6946	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40370	68112	Zinc	516.416	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
40371	68112	Zinc	253.1095	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40380	68112	Zinc	346.871	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
40391	68112	Zinc	750.664	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
40402	68112	Zinc	376.33	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40404	68112	Zinc	203.6967	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
40409	68112	Zinc	282.2926	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40410	68112	Zinc	218.2037	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40411	68112	Zinc	365.0982	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40412	68112	Zinc	251.908	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40414	68112	Zinc	391.816	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40421	68112	Zinc	224.4782	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40423	68112	Zinc	110.9142	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
40429	68112	Zinc	281.634	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40431	68112	Zinc	251.3562	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40443	68112	Zinc	292.848	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40452	68112	Zinc	635.32	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
40474	68112	Zinc	339.306	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
40480	68112	Zinc	539.2712	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40486	68112	Zinc	50.547725	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-03	2E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-03	2E-04
40498	68112	Zinc	497.4501	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40508	68112	Zinc	459.4471	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40509	68112	Zinc	281.0466	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40518	68112	Zinc	197.262	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
40523	68112	Zinc	163.4865	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
40527	68112	Zinc	256.714	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40529	68112	Zinc	393.329	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40534	68112	Zinc	398.5889	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40538	68112	Zinc	348.9981	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
40547	68112	Zinc	160.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
40662	68112	Zinc	234.7844	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40663	68112	Zinc	784.128	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
40671	68112	Zinc	127.4593	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
40673	68112	Zinc	221.0695	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40695	68112	Zinc	210.1492	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40705	68112	Zinc	540.5261	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40748	68112	Zinc	178.75	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
40758	68112	Zinc	243.9781	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40783	68112	Zinc	537.5535	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40800	68112	Zinc	179.6489	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
40858	68112	Zinc	509.7677	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40879	68112	Zinc	316.8691	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
40894	68112	Zinc	406.056	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40905	68112	Zinc	418.3291	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40914	68112	Zinc	488.8705	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
40994	68112	Zinc	219.6722	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
40997	68112	Zinc	172.164	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
40999	68112	Zinc	223.9887	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41000	68112	Zinc	397.6544	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
41005	68112	Zinc	242.9724	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41006	68112	Zinc	707.6681	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
41009	68112	Zinc	93.043	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	4E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	4E-04
41012	68112	Zinc	161.306	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
41015	68112	Zinc	238.4512	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41029	68112	Zinc	238.4156	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41031	68112	Zinc	148.2141	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
41071	68112	Zinc	358.7881	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
41099	68112	Zinc	276.1071	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41117	68112	Zinc	262.8461	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41120	68112	Zinc	284.0548	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41137	68112	Zinc	135.496	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
41144	68112	Zinc	317.0827	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41157	68112	Zinc	246.924	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41189	68112	Zinc	307.088	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41210	68112	Zinc	169.3427	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
41229	68112	Zinc	215.9075	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
41242	68112	Zinc	407.8805	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
41254	68112	Zinc	245.144	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
41271	68112	Zinc	419.228	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
41347	68112	Zinc	111.7241	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
49205	68112	Zinc	678.8677	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
45344	68117	Zinc	112.9434	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
45593	68117	Zinc	168.2213	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
1358	68132	Zinc	208.832	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
1373	68132	Zinc	199.932	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
1381	68132	Zinc	101.854	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-03	5E-04
1424	68132	Zinc	167.002	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
2021	68132	Zinc	252.976	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
2136	68132	Zinc	134.3301	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
5018	68132	Zinc	109.775	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
5137	68132	Zinc	289.466	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5139	68132	Zinc	224.318	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5140	68132	Zinc	1206.344	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
5312	68132	Zinc	258.672	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5313	68132	Zinc	229.836	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5314	68132	Zinc	238.38	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
5315	68132	Zinc	148.401	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
5316	68132	Zinc	139.145	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
5317	68132	Zinc	150.715	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49486	68132	Zinc	137.4451	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49487	68132	Zinc	158.4224	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49488	68132	Zinc	410.6484	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49490	68132	Zinc	206.8028	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49491	68132	Zinc	264.3858	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49493	68132	Zinc	214.8306	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49494	68132	Zinc	416.9941	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49495	68132	Zinc	140.5957	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49496	68132	Zinc	335.7638	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49497	68132	Zinc	267.3673	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49498	68132	Zinc	490.9175	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49500	68132	Zinc	212.1161	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49501	68132	Zinc	212.3831	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49502	68132	Zinc	248.8642	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49503	68132	Zinc	400.4045	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49504	68132	Zinc	295.9007	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49505	68132	Zinc	258.0935	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49506	68132	Zinc	248.8375	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49509	68132	Zinc	339.7243	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49510	68132	Zinc	240.9699	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49511	68132	Zinc	291.6732	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49512	68132	Zinc	248.17	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49513	68132	Zinc	483.7174	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49514	68132	Zinc	755.7103	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49515	68132	Zinc	286.796	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49516	68132	Zinc	325.5644	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49517	68132	Zinc	335.4701	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49518	68132	Zinc	326.223	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49519	68132	Zinc	192.1801	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49521	68132	Zinc	268.64	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49522	68132	Zinc	214.35	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49523	68132	Zinc	170.8557	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49524	68132	Zinc	200.8309	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49525	68132	Zinc	496.6402	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49526	68132	Zinc	248.6506	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49527	68132	Zinc	259.9625	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49528	68132	Zinc	340.8368	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49529	68132	Zinc	308.5921	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49536	68132	Zinc	512.3398	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49538	68132	Zinc	207.5593	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49539	68132	Zinc	256.0198	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49540	68132	Zinc	497.8595	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49541	68132	Zinc	194.1381	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49542	68132	Zinc	322.5562	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49543	68132	Zinc	260.7724	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49544	68132	Zinc	230.6815	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49546	68132	Zinc	268.0348	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49547	68132	Zinc	238.558	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49548	68132	Zinc	343.8272	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49551	68132	Zinc	307.1681	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49552	68132	Zinc	332.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49553	68132	Zinc	306.4294	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49554	68132	Zinc	470.4564	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49556	68132	Zinc	264.813	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49558	68132	Zinc	329.9966	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49561	68132	Zinc	398.8114	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49563	68132	Zinc	490.2678	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49564	68132	Zinc	358.8504	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49565	68132	Zinc	415.5968	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49566	68132	Zinc	622.86	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49567	68132	Zinc	453.4129	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49568	68132	Zinc	348.3395	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49569	68132	Zinc	534.3584	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49571	68132	Zinc	623.1982	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49573	68132	Zinc	298.01	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49574	68132	Zinc	653.12	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49575	68132	Zinc	517.8222	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49576	68132	Zinc	362.5172	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49577	68132	Zinc	294.9662	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49578	68132	Zinc	286.7871	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49583	68132	Zinc	409.8652	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49584	68132	Zinc	488.47	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49585	68132	Zinc	436.405	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49588	68132	Zinc	514.3423	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49589	68132	Zinc	308.3963	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49590	68132	Zinc	282.4795	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49591	68132	Zinc	327.0062	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49592	68132	Zinc	260.4965	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49594	68132	Zinc	417.4925	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49595	68132	Zinc	858.71	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49599	68132	Zinc	290	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49602	68132	Zinc	870.725	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49603	68132	Zinc	737.1894	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49604	68132	Zinc	220.6423	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49607	68132	Zinc	157.39	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49608	68132	Zinc	149.6559	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49610	68132	Zinc	352.9675	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49612	68132	Zinc	482.24	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49613	68132	Zinc	259.028	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49614	68132	Zinc	142.1888	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
49615	68132	Zinc	224.9677	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49616	68132	Zinc	265.2491	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49618	68132	Zinc	238.3266	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49619	68132	Zinc	219.3785	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49620	68132	Zinc	274.7098	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49621	68132	Zinc	1723.434	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	8E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	8E-03
49622	68132	Zinc	335.7104	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49623	68132	Zinc	224.0065	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49624	68132	Zinc	1279.235	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	6E-03
49625	68132	Zinc	246.2654	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49626	68132	Zinc	394.9666	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49627	68132	Zinc	226.2048	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49628	68132	Zinc	213	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49632	68132	Zinc	500.93	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49634	68132	Zinc	468	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49635	68132	Zinc	310.0072	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49637	68132	Zinc	270.9718	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49638	68132	Zinc	282.9423	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49639	68132	Zinc	296.4525	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49640	68132	Zinc	174.3445	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49641	68132	Zinc	422.9927	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49642	68132	Zinc	644.2912	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49643	68132	Zinc	421.4441	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49644	68132	Zinc	190.32	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49645	68132	Zinc	524.9244	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49647	68132	Zinc	145.4729	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49648	68132	Zinc	210.79	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49649	68132	Zinc	245.3309	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49651	68132	Zinc	174.3	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49652	68132	Zinc	428.7065	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49653	68132	Zinc	236.6	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49654	68132	Zinc	203.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49656	68132	Zinc	305.1122	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49657	68132	Zinc	193.7554	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49659	68132	Zinc	1031.103	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
49660	68132	Zinc	209.2592	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49661	68132	Zinc	261.164	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49662	68132	Zinc	250.2615	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49663	68132	Zinc	477	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49664	68132	Zinc	168.96	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49665	68132	Zinc	225.92	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49666	68132	Zinc	1459.994	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	7E-03
49667	68132	Zinc	220.1973	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49668	68132	Zinc	628.2356	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49669	68132	Zinc	163.2729	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49670	68132	Zinc	161.484	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49671	68132	Zinc	319.5836	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49672	68132	Zinc	328.9642	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49674	68132	Zinc	387.01	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49676	68132	Zinc	232.2301	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49678	68132	Zinc	187	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49679	68132	Zinc	211.68	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49680	68132	Zinc	255.7617	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49681	68132	Zinc	587.6605	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49682	68132	Zinc	246.39	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49686	68132	Zinc	347.85	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49687	68132	Zinc	343.5424	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49688	68132	Zinc	287.419	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49689	68132	Zinc	233.307	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49690	68132	Zinc	199.7362	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49691	68132	Zinc	306.02	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49692	68132	Zinc	245.9272	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49693	68132	Zinc	145.6687	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49694	68132	Zinc	186.1281	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49695	68132	Zinc	530.3	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49697	68132	Zinc	197	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49698	68132	Zinc	211.4397	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49699	68132	Zinc	209.3571	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49701	68132	Zinc	173	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49702	68132	Zinc	307.1592	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49703	68132	Zinc	220.9093	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49704	68132	Zinc	457	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49707	68132	Zinc	279.2666	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49708	68132	Zinc	288.9854	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49709	68132	Zinc	330.7175	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49712	68132	Zinc	202.78	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49713	68132	Zinc	278.7771	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49714	68132	Zinc	300.5376	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49716	68132	Zinc	167.1622	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49717	68132	Zinc	203.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49722	68132	Zinc	171.0871	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49723	68132	Zinc	244.3697	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49724	68132	Zinc	552	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
49725	68132	Zinc	323.5352	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49726	68132	Zinc	217.2247	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49727	68132	Zinc	188.095	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49728	68132	Zinc	194.77	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49729	68132	Zinc	510.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49730	68132	Zinc	259.1793	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49732	68132	Zinc	301.57	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49733	68132	Zinc	273.9088	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49734	68132	Zinc	292.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49736	68132	Zinc	327.38	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49737	68132	Zinc	184.0989	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49738	68132	Zinc	209.9	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49739	68132	Zinc	126.24	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49741	68132	Zinc	394.9043	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49742	68132	Zinc	451.98	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49743	68132	Zinc	308.9392	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49745	68132	Zinc	192.5005	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49746	68132	Zinc	174.9764	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49747	68132	Zinc	231.4914	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49749	68132	Zinc	395.5985	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49752	68132	Zinc	401.25	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49753	68132	Zinc	251.1248	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49755	68132	Zinc	248.17	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49757	68132	Zinc	163.62	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49759	68132	Zinc	254	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49760	68132	Zinc	282	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49761	68132	Zinc	231.972	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49762	68132	Zinc	326.49	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49763	68132	Zinc	276.6678	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49764	68132	Zinc	358.53	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49765	68132	Zinc	276.2228	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49766	68132	Zinc	177.8867	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49767	68132	Zinc	260.63	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49768	68132	Zinc	384.34	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49769	68132	Zinc	282.8266	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49774	68132	Zinc	398.936	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49777	68132	Zinc	236.6	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49778	68132	Zinc	326.3565	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49779	68132	Zinc	214.35	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49781	68132	Zinc	507.8186	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49782	68132	Zinc	222.2621	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49783	68132	Zinc	317	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49784	68132	Zinc	455.8515	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49785	68132	Zinc	241.05	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49786	68132	Zinc	183.9298	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49787	68132	Zinc	277.7536	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49788	68132	Zinc	239.8574	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49791	68132	Zinc	180.8682	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49793	68132	Zinc	375.5112	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49796	68132	Zinc	272.2712	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49797	68132	Zinc	320.6872	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49799	68132	Zinc	331.0201	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49800	68132	Zinc	204.56	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49801	68132	Zinc	404.8901	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49802	68132	Zinc	878.1298	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49803	68132	Zinc	170.74	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49804	68132	Zinc	490.3657	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49805	68132	Zinc	219.1916	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49806	68132	Zinc	400	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49807	68132	Zinc	578.36	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49808	68132	Zinc	536.53	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49811	68132	Zinc	177.86	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49812	68132	Zinc	168.3637	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49813	68132	Zinc	211.0481	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49814	68132	Zinc	732.7305	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49815	68132	Zinc	190.231	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49816	68132	Zinc	290.8989	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49817	68132	Zinc	183.734	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49818	68132	Zinc	359.6781	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49819	68132	Zinc	378.7953	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49820	68132	Zinc	849.2493	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49822	68132	Zinc	167.1711	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49823	68132	Zinc	299.79	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49825	68132	Zinc	266.6375	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49826	68132	Zinc	391.6113	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49827	68132	Zinc	197.0306	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49828	68132	Zinc	300.68	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49832	68132	Zinc	475.8676	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49833	68132	Zinc	186.3595	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49834	68132	Zinc	242.1625	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49835	68132	Zinc	333.2718	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49836	68132	Zinc	281.4293	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49837	68132	Zinc	332.898	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49839	68132	Zinc	556.1367	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49841	68132	Zinc	412.2682	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49843	68132	Zinc	447.6101	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49844	68132	Zinc	224.14	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		NONCANCER	CANCER	RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	EPC-Max Csoil (mg/kg)	ORAL RfDo (mg/kg-d)	ORAL CSFo (mg/kg-d)$^{-1}$	DERMAL RfD_{ABS} (mg/kg-d)	DERMAL CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
49846	68132	Zinc	206.3578	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49848	68132	Zinc	399.47	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49849	68132	Zinc	340.2049	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49851	68132	Zinc	266.86	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49852	68132	Zinc	1040	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
49853	68132	Zinc	378.2613	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49854	68132	Zinc	335.9685	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49855	68132	Zinc	265	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49857	68132	Zinc	295.2332	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49858	68132	Zinc	234.7666	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49859	68132	Zinc	221.47	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49860	68132	Zinc	232.15	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49861	68132	Zinc	264.9376	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49862	68132	Zinc	464.7782	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49863	68132	Zinc	326.9439	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49864	68132	Zinc	876.7859	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49865	68132	Zinc	393.7829	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49868	68132	Zinc	290.178	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49870	68132	Zinc	294.1385	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49872	68132	Zinc	373.838	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49874	68132	Zinc	384.9274	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49876	68132	Zinc	181.9006	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49877	68132	Zinc	542.0124	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49881	68132	Zinc	424.4879	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49883	68132	Zinc	576.8648	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49884	68132	Zinc	278.3944	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49885	68132	Zinc	145.82	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
49886	68132	Zinc	210.4251	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49888	68132	Zinc	232.0076	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49889	68132	Zinc	214.7149	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49891	68132	Zinc	196.55	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49892	68132	Zinc	258.1825	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49893	68132	Zinc	222.2888	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49894	68132	Zinc	455.4243	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49895	68132	Zinc	313.5761	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49897	68132	Zinc	211.7957	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49898	68132	Zinc	211.4308	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49899	68132	Zinc	241.1746	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49901	68132	Zinc	155.61	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49902	68132	Zinc	212.6501	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49905	68132	Zinc	288.22	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49906	68132	Zinc	557.9434	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49907	68132	Zinc	183.378	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49908	68132	Zinc	253.5723	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49909	68132	Zinc	531.3057	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49910	68132	Zinc	190.8184	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49911	68132	Zinc	169.316	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49912	68132	Zinc	236.4131	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49913	68132	Zinc	201	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49914	68132	Zinc	181.9896	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49915	68132	Zinc	451.0188	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49916	68132	Zinc	219.5743	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49917	68132	Zinc	243.8713	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49918	68132	Zinc	161.1636	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49920	68132	Zinc	263.4602	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49921	68132	Zinc	326.9439	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49922	68132	Zinc	319.2543	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49923	68132	Zinc	315.1425	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49924	68132	Zinc	432.0351	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49925	68132	Zinc	297.6451	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49926	68132	Zinc	303.3055	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49927	68132	Zinc	350.253	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49928	68132	Zinc	285.1406	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49929	68132	Zinc	279.8985	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49930	68132	Zinc	385.7373	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49931	68132	Zinc	721.0448	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
49932	68132	Zinc	269.1473	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49933	68132	Zinc	165.4	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
49934	68132	Zinc	284.6778	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49935	68132	Zinc	571.5604	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49936	68132	Zinc	127.8509	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
49937	68132	Zinc	324.1849	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49938	68132	Zinc	308.067	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49939	68132	Zinc	462.7579	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49940	68132	Zinc	331.0468	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49941	68132	Zinc	188.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49943	68132	Zinc	440.3922	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49944	68132	Zinc	218.5508	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49945	68132	Zinc	185.0423	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
49946	68132	Zinc	210.79	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49947	68132	Zinc	249.5495	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49948	68132	Zinc	398.58	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49950	68132	Zinc	410.2301	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49952	68132	Zinc	805.0163	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
49953	68132	Zinc	205.2542	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49954	68132	Zinc	410.1945	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49955	68132	Zinc	245.2864	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
49956	68132	Zinc	214.5191	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49958	68132	Zinc	191.5126	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49959	68132	Zinc	260.4965	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49960	68132	Zinc	200.8932	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49961	68132	Zinc	325.4843	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49962	68132	Zinc	525.85	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49963	68132	Zinc	221.0339	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49964	68132	Zinc	391.3888	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49965	68132	Zinc	330.673	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49966	68132	Zinc	331.9724	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49968	68132	Zinc	505.4868	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49969	68132	Zinc	154.6399	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
49970	68132	Zinc	249.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49971	68132	Zinc	319.459	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49972	68132	Zinc	206.5447	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49973	68132	Zinc	308.3162	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49974	68132	Zinc	318	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49975	68132	Zinc	252.1483	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49976	68132	Zinc	248.4459	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49978	68132	Zinc	509.4206	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49979	68132	Zinc	839.8865	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
49981	68132	Zinc	230.192	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49982	68132	Zinc	199.9943	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
49983	68132	Zinc	221.1318	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49984	68132	Zinc	213.46	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
49985	68132	Zinc	337.9977	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49986	68132	Zinc	582.1247	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
49988	68132	Zinc	444.7799	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49989	68132	Zinc	318.9962	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49990	68132	Zinc	248.4281	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
49991	68132	Zinc	399.2475	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49992	68132	Zinc	343.8717	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
49993	68132	Zinc	194.0224	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
49994	68132	Zinc	357.64	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49995	68132	Zinc	372	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
49996	68132	Zinc	319.8061	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
50479	68132	Zinc	110.3891	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50484	68132	Zinc	154.9603	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
50485	68132	Zinc	193	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
50490	68132	Zinc	513.0696	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50493	68132	Zinc	145.8289	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
50494	68132	Zinc	202.4062	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
50536	68132	Zinc	730.7013	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
50549	68132	Zinc	339.5819	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
50550	68132	Zinc	400.6537	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
50591	68132	Zinc	107.1406	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
50592	68132	Zinc	122.3329	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
50597	68132	Zinc	273.4816	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51189	68132	Zinc	202.4329	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51190	68132	Zinc	246.1319	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51191	68132	Zinc	354.6496	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51192	68132	Zinc	261.7692	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51193	68132	Zinc	179.4264	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51194	68132	Zinc	280.6906	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51195	68132	Zinc	235.2116	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51197	68132	Zinc	313.8253	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51199	68132	Zinc	410.7552	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51200	68132	Zinc	186.0836	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51201	68132	Zinc	163.6823	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51202	68132	Zinc	344.29	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51203	68132	Zinc	512.6691	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51205	68132	Zinc	278.6347	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51207	68132	Zinc	360.9686	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51208	68132	Zinc	680.1582	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51209	68132	Zinc	827.2396	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51210	68132	Zinc	268.64	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51211	68132	Zinc	283.2894	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51212	68132	Zinc	288.5404	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51214	68132	Zinc	258.2181	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51215	68132	Zinc	228.3942	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51216	68132	Zinc	275.4752	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51217	68132	Zinc	258	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51218	68132	Zinc	213.6202	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51219	68132	Zinc	157.4523	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51220	68132	Zinc	282.88	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51221	68132	Zinc	345.9009	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51222	68132	Zinc	200.4838	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51223	68132	Zinc	255.5926	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51224	68132	Zinc	252.5399	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51225	68132	Zinc	352.1487	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51226	68132	Zinc	201.5251	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51227	68132	Zinc	301.7035	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51228	68132	Zinc	170	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51230	68132	Zinc	218.8	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51231	68132	Zinc	369.9309	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51232	68132	Zinc	207.1143	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51233	68132	Zinc	184.4282	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER				NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51234	68132	Zinc	201	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51235	68132	Zinc	229.9339	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51238	68132	Zinc	328.2166	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51239	68132	Zinc	196.55	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51240	68132	Zinc	239.003	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51241	68132	Zinc	322.2447	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51242	68132	Zinc	175.19	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51243	68132	Zinc	152.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51245	68132	Zinc	312.4814	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51246	68132	Zinc	362.2591	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51247	68132	Zinc	193.7465	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51248	68132	Zinc	206.6693	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51249	68132	Zinc	362.357	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51250	68132	Zinc	169.405	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51251	68132	Zinc	181.4289	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51252	68132	Zinc	284.8647	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51253	68132	Zinc	270.0996	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51254	68132	Zinc	297.8676	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51255	68132	Zinc	215.3824	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51256	68132	Zinc	248	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51259	68132	Zinc	186.9825	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51260	68132	Zinc	745.68	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51261	68132	Zinc	167.5093	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51262	68132	Zinc	202.7889	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51263	68132	Zinc	215.5782	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51266	68132	Zinc	187.7568	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51267	68132	Zinc	279.7027	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51269	68132	Zinc	407.0439	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51270	68132	Zinc	233.9656	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51271	68132	Zinc	215.3379	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51272	68132	Zinc	182.4168	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51273	68132	Zinc	245.5623	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51274	68132	Zinc	184.9533	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51276	68132	Zinc	222.716	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51277	68132	Zinc	209.544	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51278	68132	Zinc	464.6625	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51279	68132	Zinc	204.6668	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51280	68132	Zinc	201.3827	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51281	68132	Zinc	436.316	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51283	68132	Zinc	299.3183	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51284	68132	Zinc	239.6171	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51285	68132	Zinc	243.898	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51286	68132	Zinc	221.3543	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51287	68132	Zinc	155.6634	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51288	68132	Zinc	158.4847	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51289	68132	Zinc	173.6414	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51291	68132	Zinc	201.5963	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51292	68132	Zinc	194.9925	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51293	68132	Zinc	580.941	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51294	68132	Zinc	298.9	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51295	68132	Zinc	277.3353	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51296	68132	Zinc	223.606	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51298	68132	Zinc	251.8991	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51299	68132	Zinc	224.9855	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51300	68132	Zinc	345.2779	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51302	68132	Zinc	255.0764	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51303	68132	Zinc	1421.19	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-02	6E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-02	6E-03
51304	68132	Zinc	325.4131	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51306	68132	Zinc	249.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51307	68132	Zinc	188.184	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51308	68132	Zinc	296.6127	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51309	68132	Zinc	220.2418	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51310	68132	Zinc	216.8064	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51312	68132	Zinc	205.45	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51314	68132	Zinc	206.4646	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51315	68132	Zinc	219.69	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51319	68132	Zinc	223.9709	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51320	68132	Zinc	173.0006	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51321	68132	Zinc	161.1102	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51323	68132	Zinc	164.9817	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51327	68132	Zinc	243.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51329	68132	Zinc	173.41	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51330	68132	Zinc	237.49	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51331	68132	Zinc	176.2847	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51332	68132	Zinc	143.773	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51333	68132	Zinc	136.1368	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51334	68132	Zinc	280.8775	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51336	68132	Zinc	247.6093	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51338	68132	Zinc	190.2221	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51344	68132	Zinc	459.2869	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51347	68132	Zinc	226.5341	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51348	68132	Zinc	210.3094	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51349	68132	Zinc	217.02	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51350	68132	Zinc	274.7543	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51351	68132	Zinc	292.3051	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51352	68132	Zinc	304.0086	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51353	68132	Zinc	552.5144	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
51354	68132	Zinc	235.71	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51356	68132	Zinc	321.4882	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51357	68132	Zinc	434.6784	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51358	68132	Zinc	214.8395	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51359	68132	Zinc	382.2485	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51361	68132	Zinc	299.1225	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51362	68132	Zinc	203.1093	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51363	68132	Zinc	210.79	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51364	68132	Zinc	245.5267	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51367	68132	Zinc	217.2158	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51368	68132	Zinc	209.01	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51369	68132	Zinc	205.8327	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51370	68132	Zinc	302.9762	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51374	68132	Zinc	505.7449	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51379	68132	Zinc	330.05	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51380	68132	Zinc	370.2424	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51381	68132	Zinc	233.04	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51383	68132	Zinc	183.2	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51384	68132	Zinc	225.2525	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51386	68132	Zinc	318.9161	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51387	68132	Zinc	337.1967	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51388	68132	Zinc	303.2254	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51389	68132	Zinc	190.3823	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51391	68132	Zinc	225.7598	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51392	68132	Zinc	267.8568	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51393	68132	Zinc	226.81	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51394	68132	Zinc	236.5377	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51395	68132	Zinc	242.83	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51396	68132	Zinc	151.7474	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51397	68132	Zinc	226.6053	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51398	68132	Zinc	286.2709	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51399	68132	Zinc	511.7079	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51400	68132	Zinc	308.69	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51401	68132	Zinc	260.63	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51404	68132	Zinc	517.3238	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51405	68132	Zinc	372.9302	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51407	68132	Zinc	247.3067	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51408	68132	Zinc	200.11	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51409	68132	Zinc	186.76	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51410	68132	Zinc	277.7002	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51412	68132	Zinc	195.66	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51413	68132	Zinc	276.6322	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51414	68132	Zinc	281.901	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51415	68132	Zinc	244.8236	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51416	68132	Zinc	450.0487	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51422	68132	Zinc	300.5999	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51426	68132	Zinc	298.6775	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51427	68132	Zinc	298.9801	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51433	68132	Zinc	271.2477	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51434	68132	Zinc	352.9319	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51437	68132	Zinc	237.1607	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51440	68132	Zinc	579.9887	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51444	68132	Zinc	409.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51445	68132	Zinc	464.44	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51454	68132	Zinc	1033.417	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
51455	68132	Zinc	277.985	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51456	68132	Zinc	656.1727	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51457	68132	Zinc	242	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51458	68132	Zinc	170.74	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51459	68132	Zinc	283.77	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51460	68132	Zinc	392.5814	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51464	68132	Zinc	275.4396	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51466	68132	Zinc	454.3563	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51467	68132	Zinc	414.2796	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51468	68132	Zinc	228.59	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51469	68132	Zinc	336.458	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51470	68132	Zinc	456.5991	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51471	68132	Zinc	416.7093	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51473	68132	Zinc	285.5411	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51474	68132	Zinc	350.9027	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51475	68132	Zinc	531.368	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51476	68132	Zinc	449.31	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51479	68132	Zinc	198.0897	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51480	68132	Zinc	881.4762	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51481	68132	Zinc	229.9695	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51482	68132	Zinc	243.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51483	68132	Zinc	230.2899	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51485	68132	Zinc	241.2102	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51486	68132	Zinc	546.32	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51488	68132	Zinc	369.0676	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51489	68132	Zinc	366.629	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51490	68132	Zinc	491.5494	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51491	68132	Zinc	248.4192	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51492	68132	Zinc	268.8981	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51493	68132	Zinc	238.4601	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51494	68132	Zinc	659.2877	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51495	68132	Zinc	200.1189	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51496	68132	Zinc	260.7902	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51497	68132	Zinc	242.2159	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51499	68132	Zinc	190.2399	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51504	68132	Zinc	327.38	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51505	68132	Zinc	319.192	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51506	68132	Zinc	131.2418	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51507	68132	Zinc	314.03	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51508	68132	Zinc	415.3654	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51510	68132	Zinc	160.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51511	68132	Zinc	405.9581	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51512	68132	Zinc	393.8007	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51515	68132	Zinc	368.6048	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51516	68132	Zinc	380.2104	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51517	68132	Zinc	310.8883	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51519	68132	Zinc	306.8121	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51520	68132	Zinc	280.3969	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51522	68132	Zinc	293.56	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51524	68132	Zinc	233.04	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51525	68132	Zinc	448.42	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51526	68132	Zinc	292.6255	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51528	68132	Zinc	141.0229	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51529	68132	Zinc	1088.063	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-02	5E-03
51530	68132	Zinc	348.74	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51532	68132	Zinc	291.78	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51533	68132	Zinc	289.3948	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51538	68132	Zinc	572.13	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51540	68132	Zinc	219.69	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51541	68132	Zinc	231.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51542	68132	Zinc	267.75	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51543	68132	Zinc	226.81	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51544	68132	Zinc	563.23	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51545	68132	Zinc	670.1101	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51546	68132	Zinc	318.8182	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51547	68132	Zinc	750.13	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51550	68132	Zinc	196.3809	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51551	68132	Zinc	210.2026	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51552	68132	Zinc	370.0555	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51553	68132	Zinc	327.6559	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51556	68132	Zinc	373.7935	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51557	68132	Zinc	141.37	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51558	68132	Zinc	580.7007	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51559	68132	Zinc	245.5	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51561	68132	Zinc	148.1429	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51564	68132	Zinc	237.6146	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51565	68132	Zinc	168.5061	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51566	68132	Zinc	393.0531	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51567	68132	Zinc	222.805	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51569	68132	Zinc	311.805	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51571	68132	Zinc	417.7684	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51574	68132	Zinc	246.3366	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51577	68132	Zinc	263.7094	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51578	68132	Zinc	216.1745	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51582	68132	Zinc	467.11	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51583	68132	Zinc	419.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51584	68132	Zinc	144.574	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51585	68132	Zinc	203.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51586	68132	Zinc	394.2546	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51587	68132	Zinc	639.5831	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51588	68132	Zinc	413.71	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51589	68132	Zinc	228.59	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51590	68132	Zinc	208.12	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51591	68132	Zinc	138.2728	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51592	68132	Zinc	205.4767	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51594	68132	Zinc	294.45	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51595	68132	Zinc	281.99	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51596	68132	Zinc	280.3791	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51597	68132	Zinc	163.264	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51598	68132	Zinc	135.8075	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51600	68132	Zinc	221.7548	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51601	68132	Zinc	200.5639	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51602	68132	Zinc	205.895	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51607	68132	Zinc	135.1311	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51608	68132	Zinc	188.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51609	68132	Zinc	207.7373	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51613	68132	Zinc	327.1486	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51615	68132	Zinc	504.401	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51617	68132	Zinc	139.8125	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51618	68132	Zinc	153.0735	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51619	68132	Zinc	301.57	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51620	68132	Zinc	253.9105	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51621	68132	Zinc	226.1781	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51623	68132	Zinc	391.9762	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51624	68132	Zinc	288.1488	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51625	68132	Zinc	223.25	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51626	68132	Zinc	192.1	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51627	68132	Zinc	201.9434	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51628	68132	Zinc	278.8216	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
51629	68132	Zinc	329.4715	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51630	68132	Zinc	233.93	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51631	68132	Zinc	204.2307	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51633	68132	Zinc	282.88	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51634	68132	Zinc	647.4685	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51637	68132	Zinc	738.56	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51638	68132	Zinc	443.9255	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51639	68132	Zinc	223.1521	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51640	68132	Zinc	379.3827	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51641	68132	Zinc	305.9043	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51642	68132	Zinc	214.2699	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51645	68132	Zinc	308	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51646	68132	Zinc	498.9097	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51648	68132	Zinc	163.531	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51650	68132	Zinc	373.5354	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51652	68132	Zinc	371.4617	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51653	68132	Zinc	248.1878	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51654	68132	Zinc	263.9319	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51655	68132	Zinc	218.2749	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51656	68132	Zinc	220.5533	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51657	68132	Zinc	351.7037	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51658	68132	Zinc	257.9066	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51659	68132	Zinc	260	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51660	68132	Zinc	975.211	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51661	68132	Zinc	341.7446	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51662	68132	Zinc	639.4051	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51663	68132	Zinc	676.9008	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51664	68132	Zinc	136.0033	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51667	68132	Zinc	195.7312	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51668	68132	Zinc	204.5867	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51669	68132	Zinc	541.1847	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51671	68132	Zinc	300	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51672	68132	Zinc	188.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51673	68132	Zinc	243.3106	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51676	68132	Zinc	364.6977	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51678	68132	Zinc	148.49	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51679	68132	Zinc	159.7841	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51680	68132	Zinc	373.0726	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51681	68132	Zinc	266.9401	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51682	68132	Zinc	262.4189	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51683	68132	Zinc	201	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51684	68132	Zinc	273.09	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51685	68132	Zinc	556.11	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
51687	68132	Zinc	738.4087	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51688	68132	Zinc	229.48	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51689	68132	Zinc	277.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51690	68132	Zinc	202.7266	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51691	68132	Zinc	230.4679	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51692	68132	Zinc	308.7701	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51693	68132	Zinc	398.2418	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51694	68132	Zinc	278.7415	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51696	68132	Zinc	902.9608	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51699	68132	Zinc	241.4772	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51700	68132	Zinc	230.37	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51701	68132	Zinc	198.33	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51703	68132	Zinc	534.8301	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51704	68132	Zinc	431.4833	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51705	68132	Zinc	410.5861	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51706	68132	Zinc	466.1132	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51708	68132	Zinc	184.6685	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51709	68132	Zinc	356.305	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51710	68132	Zinc	317.59	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51711	68132	Zinc	209.8911	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51712	68132	Zinc	289	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51715	68132	Zinc	357.1594	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51716	68132	Zinc	289.3681	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51717	68132	Zinc	274.6119	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51720	68132	Zinc	199.22	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51721	68132	Zinc	855.2212	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51722	68132	Zinc	359.242	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51724	68132	Zinc	343.1686	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51725	68132	Zinc	730.6301	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51727	68132	Zinc	412.82	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51728	68132	Zinc	430.8425	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51730	68132	Zinc	286.4845	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51731	68132	Zinc	217.9723	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51733	68132	Zinc	351.7304	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51734	68132	Zinc	261.7158	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51735	68132	Zinc	260	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51736	68132	Zinc	283.5653	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51737	68132	Zinc	254.4	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51738	68132	Zinc	433.8774	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51747	68132	Zinc	376.4991	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51748	68132	Zinc	284.9893	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51749	68132	Zinc	242.2515	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51750	68132	Zinc	164	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51751	68132	Zinc	144.04	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
51752	68132	Zinc	213.7804	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51753	68132	Zinc	274.2826	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51754	68132	Zinc	295.5981	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51756	68132	Zinc	143.4882	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51757	68132	Zinc	268.8091	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51758	68132	Zinc	208.0221	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51759	68132	Zinc	275.493	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51764	68132	Zinc	297.2001	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51765	68132	Zinc	338.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51766	68132	Zinc	130.8858	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51767	68132	Zinc	138.0147	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51768	68132	Zinc	209.9	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51769	68132	Zinc	131.402	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51772	68132	Zinc	358.9038	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51774	68132	Zinc	306.3849	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51775	68132	Zinc	206.4557	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51777	68132	Zinc	386.654	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51778	68132	Zinc	179.0704	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51779	68132	Zinc	228	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51780	68132	Zinc	232.15	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51781	68132	Zinc	192.1	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51782	68132	Zinc	281.0555	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51783	68132	Zinc	147.1016	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51784	68132	Zinc	231.9542	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51785	68132	Zinc	155.5477	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51786	68132	Zinc	333.5833	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51787	68132	Zinc	160.772	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51788	68132	Zinc	324.7011	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51789	68132	Zinc	242.1714	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51790	68132	Zinc	268.0615	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51791	68132	Zinc	330.8866	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51792	68132	Zinc	269.2096	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51793	68132	Zinc	275.7066	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51795	68132	Zinc	306.3582	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51796	68132	Zinc	189.43	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51797	68132	Zinc	313.5672	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51798	68132	Zinc	837.1453	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51800	68132	Zinc	329	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51801	68132	Zinc	227.5042	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51802	68132	Zinc	181.7849	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51803	68132	Zinc	532.2402	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51805	68132	Zinc	160.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51806	68132	Zinc	228.501	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51807	68132	Zinc	392.35	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51808	68132	Zinc	271.0786	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51809	68132	Zinc	429.73	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51813	68132	Zinc	208.476	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51814	68132	Zinc	279.3823	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51816	68132	Zinc	265.1512	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51817	68132	Zinc	397.4141	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51818	68132	Zinc	189.8483	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51819	68132	Zinc	287.0363	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51820	68132	Zinc	824.1157	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51821	68132	Zinc	208.298	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51822	68132	Zinc	331.7944	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51825	68132	Zinc	313.0599	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51826	68132	Zinc	317.6612	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51827	68132	Zinc	218.8445	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51828	68132	Zinc	354.4805	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51829	68132	Zinc	206	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51831	68132	Zinc	410.951	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51832	68132	Zinc	155.0137	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51834	68132	Zinc	238.113	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51835	68132	Zinc	221.3009	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51837	68132	Zinc	194.1114	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51838	68132	Zinc	215.8007	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51839	68132	Zinc	240.9432	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51840	68132	Zinc	397.5743	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51842	68132	Zinc	197.44	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51843	68132	Zinc	246.9596	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51844	68132	Zinc	314	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51845	68132	Zinc	205.7882	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51846	68132	Zinc	939	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51847	68132	Zinc	1050	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	5E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	5E-03
51848	68132	Zinc	293.3375	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51849	68132	Zinc	371.9779	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51850	68132	Zinc	871.6773	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
51851	68132	Zinc	308.1115	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51853	68132	Zinc	186.8134	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51854	68132	Zinc	131.7758	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51855	68132	Zinc	220.5266	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51856	68132	Zinc	141.4412	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51857	68132	Zinc	304	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51858	68132	Zinc	267.9814	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51859	68132	Zinc	142.6694	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51860	68132	Zinc	225.0656	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51861	68132	Zinc	279.8362	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51863	68132	Zinc	146.4786	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51864	68132	Zinc	327.1486	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51865	68132	Zinc	291.424	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51866	68132	Zinc	171.7457	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51867	68132	Zinc	297.9655	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51868	68132	Zinc	277.3353	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51870	68132	Zinc	308.0403	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51871	68132	Zinc	195.5888	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51872	68132	Zinc	256.7407	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51873	68132	Zinc	170.1437	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51874	68132	Zinc	322.6185	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51875	68132	Zinc	209.0278	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51876	68132	Zinc	515.3658	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51877	68132	Zinc	166.735	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51878	68132	Zinc	341.62	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51879	68132	Zinc	164.9906	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51881	68132	Zinc	261.3865	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51884	68132	Zinc	281.1801	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51885	68132	Zinc	174.9319	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51886	68132	Zinc	258.8144	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51889	68132	Zinc	280.1833	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51890	68132	Zinc	177.4595	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51891	68132	Zinc	213.9495	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51892	68132	Zinc	290.89	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51894	68132	Zinc	477.1759	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51895	68132	Zinc	204.4888	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51896	68132	Zinc	372.7255	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51897	68132	Zinc	249.2558	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51898	68132	Zinc	341.62	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51901	68132	Zinc	284.2595	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51902	68132	Zinc	189.4923	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51904	68132	Zinc	152.8065	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51905	68132	Zinc	394.7174	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51906	68132	Zinc	341.62	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51907	68132	Zinc	150.5726	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51908	68132	Zinc	228.0827	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51910	68132	Zinc	250.84	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51911	68132	Zinc	256.7674	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51913	68132	Zinc	269.53	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51914	68132	Zinc	192.1	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51916	68132	Zinc	339.1102	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51917	68132	Zinc	183.2	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51918	68132	Zinc	617.4132	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51919	68132	Zinc	340.73	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51920	68132	Zinc	248.17	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51921	68132	Zinc	389.2884	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51922	68132	Zinc	219.0848	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51923	68132	Zinc	376.8462	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51924	68132	Zinc	250.6531	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51926	68132	Zinc	142.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
51927	68132	Zinc	155.2006	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51928	68132	Zinc	171.63	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51929	68132	Zinc	267.7411	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51930	68132	Zinc	331.9101	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51932	68132	Zinc	318.2931	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51933	68132	Zinc	172.1729	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51934	68132	Zinc	178.75	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
51935	68132	Zinc	197.3599	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51936	68132	Zinc	171.7813	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51937	68132	Zinc	188.0683	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
51938	68132	Zinc	200.4393	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51941	68132	Zinc	479.8281	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51943	68132	Zinc	164.5456	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51944	68132	Zinc	214.5992	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51945	68132	Zinc	247.6538	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51946	68132	Zinc	202	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
51948	68132	Zinc	476.9	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51949	68132	Zinc	297.12	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51950	68132	Zinc	719.3004	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51951	68132	Zinc	316.7	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51955	68132	Zinc	284.0993	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51956	68132	Zinc	262.41	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51957	68132	Zinc	230.37	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51958	68132	Zinc	272.0042	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51959	68132	Zinc	261.52	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51960	68132	Zinc	455.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51961	68132	Zinc	246.2209	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51962	68132	Zinc	151.1511	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51964	68132	Zinc	155.61	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51965	68132	Zinc	259.1437	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51967	68132	Zinc	813.2132	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
51968	68132	Zinc	350.787	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
51969	68132	Zinc	354.2313	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51970	68132	Zinc	238.7716	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51971	68132	Zinc	251.6766	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51972	68132	Zinc	149	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
51973	68132	Zinc	276.5966	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
								NONCANCER		CANCER							NONCANCER		CANCER										
			EPC-Max	ORAL		DERMAL		RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			RME		RME		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
51977	68132	Zinc	240.9966	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51978	68132	Zinc	694.1668	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
51979	68132	Zinc	168.7197	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
51980	68132	Zinc	310.0873	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51982	68132	Zinc	226.3383	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51983	68132	Zinc	440.41	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51984	68132	Zinc	357.3285	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51985	68132	Zinc	539.5827	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51986	68132	Zinc	362.98	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51987	68132	Zinc	277.54	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51988	68132	Zinc	394.2724	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51990	68132	Zinc	216.13	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
51992	68132	Zinc	320.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51994	68132	Zinc	364.938	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
51997	68132	Zinc	286	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
51998	68132	Zinc	157.0518	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
51999	68132	Zinc	191.0854	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52000	68132	Zinc	166.5837	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52001	68132	Zinc	301.926	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52003	68132	Zinc	241.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52004	68132	Zinc	258.4584	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52005	68132	Zinc	183.4047	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52008	68132	Zinc	216.0232	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52009	68132	Zinc	309.8826	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52010	68132	Zinc	547.9754	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
52011	68132	Zinc	250.1903	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52012	68132	Zinc	254.222	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52013	68132	Zinc	210.8256	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52014	68132	Zinc	196.9861	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52017	68132	Zinc	137.81	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52018	68132	Zinc	377.22	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52020	68132	Zinc	274.1936	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52021	68132	Zinc	282.7643	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52023	68132	Zinc	201.8366	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52024	68132	Zinc	407.9072	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52026	68132	Zinc	338.1401	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52027	68132	Zinc	418.872	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52028	68132	Zinc	312.7484	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52029	68132	Zinc	183.3602	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52030	68132	Zinc	178.3317	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52033	68132	Zinc	499.2212	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52034	68132	Zinc	282.4528	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52035	68132	Zinc	299	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52036	68132	Zinc	244.61	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52037	68132	Zinc	225.03	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52038	68132	Zinc	257.3192	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52039	68132	Zinc	162.73	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52041	68132	Zinc	354.1423	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52043	68132	Zinc	192.9188	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52044	68132	Zinc	190.2577	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52045	68132	Zinc	246.835	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52046	68132	Zinc	245	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52048	68132	Zinc	184.09	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52049	68132	Zinc	192.634	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52050	68132	Zinc	185.959	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52051	68132	Zinc	137.4807	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52052	68132	Zinc	248.17	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52054	68132	Zinc	197.2887	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52055	68132	Zinc	231.5982	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52056	68132	Zinc	241.1568	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52059	68132	Zinc	203.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52060	68132	Zinc	145.82	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52062	68132	Zinc	512.1173	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52064	68132	Zinc	242.9991	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52065	68132	Zinc	239.27	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52066	68132	Zinc	523.0109	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52068	68132	Zinc	325.3686	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52070	68132	Zinc	180.2719	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52071	68132	Zinc	445.75	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52072	68132	Zinc	274.87	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52074	68132	Zinc	356.0469	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52075	68132	Zinc	221.4878	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52076	68132	Zinc	217.7142	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52077	68132	Zinc	161.3505	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52078	68132	Zinc	172.3954	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52079	68132	Zinc	310.737	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52080	68132	Zinc	245.8738	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52082	68132	Zinc	242.2515	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52084	68132	Zinc	321.239	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52085	68132	Zinc	325	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52086	68132	Zinc	154.7467	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52087	68132	Zinc	125.35	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52088	68132	Zinc	173.1608	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52089	68132	Zinc	247.28	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52090	68132	Zinc	256	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52091	68132	Zinc	255.9041	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52093	68132	Zinc	403.92	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil (mg/kg)	RfDo (mg/kg-d)	CSFo (mg/kg-d)$^{-1}$	RfD_{ABS} (mg/kg-d)	CSF_{ABS} (mg/kg-d)$^{-1}$	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
52094	68132	Zinc	171.274	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52095	68132	Zinc	215.2578	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52096	68132	Zinc	199.8252	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52097	68132	Zinc	168.3548	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52099	68132	Zinc	203.8747	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52100	68132	Zinc	164.51	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52101	68132	Zinc	191	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52102	68132	Zinc	424.9863	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52103	68132	Zinc	178.3762	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52104	68132	Zinc	233.3426	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52105	68132	Zinc	410.8798	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52106	68132	Zinc	334.6958	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52107	68132	Zinc	267.1181	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52108	68132	Zinc	212.57	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52110	68132	Zinc	218.3194	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52111	68132	Zinc	355.5663	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52112	68132	Zinc	190.7917	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52113	68132	Zinc	275.3506	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52114	68132	Zinc	179.3196	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52115	68132	Zinc	264.4926	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52116	68132	Zinc	278.7148	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52119	68132	Zinc	233	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52120	68132	Zinc	342.8482	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52122	68132	Zinc	268.64	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52124	68132	Zinc	197.8316	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52126	68132	Zinc	174.3712	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52127	68132	Zinc	165.2665	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52128	68132	Zinc	214	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52129	68132	Zinc	421.5687	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52130	68132	Zinc	138.1571	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52131	68132	Zinc	179.2306	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52133	68132	Zinc	618.5346	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52134	68132	Zinc	347.9657	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52135	68132	Zinc	182.4079	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52136	68132	Zinc	184.09	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52137	68132	Zinc	149.5758	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52138	68132	Zinc	146.71	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52140	68132	Zinc	738.7825	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52141	68132	Zinc	187	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52142	68132	Zinc	1613.341	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-02	7E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-02	7E-03
52145	68132	Zinc	160.0867	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52146	68132	Zinc	151.16	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52147	68132	Zinc	172.4933	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52148	68132	Zinc	230.37	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52150	68132	Zinc	218.1503	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52151	68132	Zinc	182.221	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52153	68132	Zinc	160.06	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52154	68132	Zinc	362.98	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52155	68132	Zinc	202.78	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52156	68132	Zinc	158.28	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52157	68132	Zinc	217.0022	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52158	68132	Zinc	408.1119	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52159	68132	Zinc	202.7444	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52163	68132	Zinc	191.21	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52164	68132	Zinc	217.9723	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52165	68132	Zinc	105.6543	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	5E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	5E-04
52166	68132	Zinc	532.3381	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52167	68132	Zinc	136.3949	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52168	68132	Zinc	632.5165	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52172	68132	Zinc	313.6651	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52173	68132	Zinc	213.9584	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52174	68132	Zinc	156.1885	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52175	68132	Zinc	192.2602	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52176	68132	Zinc	325.7958	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52177	68132	Zinc	281.8832	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52178	68132	Zinc	223	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52181	68132	Zinc	132.5145	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52182	68132	Zinc	140.747	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52184	68132	Zinc	308.0581	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52185	68132	Zinc	158.814	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52186	68132	Zinc	246.7193	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52187	68132	Zinc	247.8941	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52188	68132	Zinc	213.2375	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52189	68132	Zinc	198.4457	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52190	68132	Zinc	229.7915	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52191	68132	Zinc	241.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52192	68132	Zinc	303.35	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52193	68132	Zinc	244.1383	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52195	68132	Zinc	380.0057	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52196	68132	Zinc	292.9815	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52197	68132	Zinc	516.9144	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52198	68132	Zinc	207.23	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52199	68132	Zinc	207.2033	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52200	68132	Zinc	210.79	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52201	68132	Zinc	626.598	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52202	68132	Zinc	362	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52203	68132	Zinc	181.0551	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
52204	68132	Zinc	206.34	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52205	68132	Zinc	280.2723	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52206	68132	Zinc	207.7996	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52207	68132	Zinc	731.6981	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52210	68132	Zinc	301.57	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52211	68132	Zinc	185.0245	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52212	68132	Zinc	436.405	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52213	68132	Zinc	242.3405	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52214	68132	Zinc	268.8002	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52215	68132	Zinc	238.4512	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52216	68132	Zinc	273.98	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52217	68132	Zinc	216.5839	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52218	68132	Zinc	332.6666	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52219	68132	Zinc	209.6419	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52220	68132	Zinc	220.8025	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52221	68132	Zinc	382.4621	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52222	68132	Zinc	192.1356	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52224	68132	Zinc	270.42	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52225	68132	Zinc	577.47	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	3E-03
52226	68132	Zinc	215.8363	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52228	68132	Zinc	206	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52229	68132	Zinc	167.18	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52230	68132	Zinc	382.5689	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52231	68132	Zinc	182.0608	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52233	68132	Zinc	195.1705	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52235	68132	Zinc	317.59	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52237	68132	Zinc	168.2569	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52238	68132	Zinc	170.7133	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52239	68132	Zinc	351.41	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52240	68132	Zinc	225.1101	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52242	68132	Zinc	339.7599	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52243	68132	Zinc	167.6962	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52244	68132	Zinc	160	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52245	68132	Zinc	187.65	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52246	68132	Zinc	278.3321	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52319	68132	Zinc	332.72	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
52320	68132	Zinc	239.27	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52324	68132	Zinc	902.32	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	4E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	4E-02	4E-03
52325	68132	Zinc	796.41	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	4E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	4E-03
52327	68132	Zinc	160	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52328	68132	Zinc	121.879	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52330	68132	Zinc	145.5441	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52331	68132	Zinc	211.2528	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52332	68132	Zinc	197.8316	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52333	68132	Zinc	148.4277	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52334	68132	Zinc	222.7249	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52336	68132	Zinc	138.4686	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52337	68132	Zinc	160.06	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52338	68132	Zinc	203.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52339	68132	Zinc	135.4693	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52340	68132	Zinc	228.8303	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52342	68132	Zinc	177.86	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52343	68132	Zinc	159.17	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52345	68132	Zinc	256.536	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52349	68132	Zinc	263.2822	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52350	68132	Zinc	241.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52352	68132	Zinc	174.2466	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52353	68132	Zinc	273.0633	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52355	68132	Zinc	185.87	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52356	68132	Zinc	296.4614	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52357	68132	Zinc	168.07	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
52358	68132	Zinc	244.1383	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52359	68132	Zinc	215.6583	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52360	68132	Zinc	176.6496	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
52362	68132	Zinc	189.4656	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52365	68132	Zinc	435.4794	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52366	68132	Zinc	127.13	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52367	68132	Zinc	129.0702	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52368	68132	Zinc	641.5233	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52370	68132	Zinc	197.6536	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52371	68132	Zinc	150.1632	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
52373	68132	Zinc	262.3744	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52374	68132	Zinc	154.8001	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52375	68132	Zinc	627.3456	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
52378	68132	Zinc	186.938	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52379	68132	Zinc	223.25	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52380	68132	Zinc	313.8876	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52381	68132	Zinc	281.7408	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52383	68132	Zinc	190.7828	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52384	68132	Zinc	207.23	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52385	68132	Zinc	269.53	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52386	68132	Zinc	211.68	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
52387	68132	Zinc	369.2812	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52390	68132	Zinc	298.8555	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52391	68132	Zinc	152.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
52392	68132	Zinc	289.11	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52393	68132	Zinc	203.67	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04

Reasonable Maximum Exposure - Zinc

				TOXICITY VALUES				HIFs Ingestion of Surface Soil (kg/kg-d)				RISK FROM INGESTION OF SOIL					HIFs Contact with Surface Soil (kg/kg-d)				RISK FROM CONTACT WITH SOIL					TOTAL CANCER RISK	TOTAL NONCANCER RISK	
				NONCANCER		CANCER		NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			NONCANCER		CANCER		NONCANCER HQ_RME		CANCER RISK_RME			(child and adult)	NONCANCER HQ-child	NONCANCER HQ-adult
			EPC-Max	ORAL		DERMAL		RME		RME							RME		RME									
BVID	Zip Code	Analyte	Csoil	RfDo	CSFo	RfD_{ABS}	CSF_{ABS}	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	Child	Adult	Child	Adult	Child	Adult	Child	Adult	Total	RME	RME	RME
			(mg/kg)	(mg/kg-d)	$(mg/kg-d)^{-1}$	(mg/kg-d)	$(mg/kg-d)^{-1}$																					
52394	68132	Zinc	142.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52395	68132	Zinc	189.43	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
52396	68132	Zinc	260.9148	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52399	68132	Zinc	203.581	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
52400	68132	Zinc	313.0421	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52402	68132	Zinc	128.1624	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52403	68132	Zinc	123.4899	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	5E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	5E-03	6E-04
52406	68132	Zinc	139.59	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
52407	68132	Zinc	403.03	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52408	68132	Zinc	273.2858	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
52409	68132	Zinc	504.6947	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
52411	68132	Zinc	235.0069	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
63004	68132	Zinc	321.15	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
63007	68132	Zinc	643	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	3E-02	3E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	3E-02	3E-03
63008	68132	Zinc	184.09	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	8E-04
63009	68132	Zinc	198.33	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
65501	68132	Zinc	187.65	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
65509	68132	Zinc	231.7673	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66774	68132	Zinc	137.81	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	6E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	6E-04
66775	68132	Zinc	215.24	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	1E-03
66776	68132	Zinc	329.16	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
66777	68132	Zinc	160.95	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	7E-04
66779	68132	Zinc	172.52	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
66780	68132	Zinc	263.3	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66781	68132	Zinc	242	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66782	68132	Zinc	167.18	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	7E-03	8E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	7E-03	8E-04
66783	68132	Zinc	227.7	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66784	68132	Zinc	204.56	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	9E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	9E-03	9E-04
66786	68132	Zinc	372.77	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
66787	68132	Zinc	194.77	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	8E-03	9E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	8E-03	9E-04
66788	68132	Zinc	244.61	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66791	68132	Zinc	320.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
66792	68132	Zinc	532.97	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	2E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	2E-02	2E-03
66816	68132	Zinc	225.03	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
81810	68132	Zinc	249.06	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
83820	68132	Zinc	226.81	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
83821	68132	Zinc	151.16	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	6E-03	7E-04	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	6E-03	7E-04
92431	68132	Zinc	320.26	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
92645	68132	Zinc	337.17	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
93335	68132	Zinc	238.38	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93347	68132	Zinc	319.37	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93348	68132	Zinc	330.94	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	2E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	2E-03
93473	68132	Zinc	276.65	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03
93493	68132	Zinc	232.15	3.00E-01		3.00E-01	--	1.28E-05	1.37E-06	1.10E-06	4.70E-07	1E-02	1E-03	--	--	--	3.58E-05	5.47E-06	3.07E-06	1.87E-06	--	--	--	--	--	--	1E-02	1E-03

ABS = absorbed
BVID = Black and Veatch ID (property ID)
CTE = Central Tendency Exposure
CTE = Concentration
EPC = Exposure Point Concentration
HIF = Human Intake Factor
HQ = Hazard Quotient
Max = Maximum
o = oral
RfD = Reference Dose
RME = Reasonable Maximum Exposure
SF = Cancer Slope Factor

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1606	68102	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22418	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22422	68102	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22428	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22433	68102	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22481	68102	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22485	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22486	68102	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
22489	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22493	68102	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	4E-03	--	7E-02
22513	68102	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22520	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22565	68102	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22572	68102	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22573	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22583	68102	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22589	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22611	68102	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
22614	68102	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22649	68102	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22714	68102	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22719	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22743	68102	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22770	68102	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22782	68102	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22786	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22840	68102	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22842	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22886	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23026	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23034	68102	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
23694	68102	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23695	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24637	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25172	68102	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25233	68102	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25264	68102	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25270	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25283	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25428	68102	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25439	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25451	68102	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25535	68102	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25553	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25561	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25567	68102	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+00	--	1E+00
25597	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25626	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25632	68102	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25654	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25656	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25666	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25676	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25700	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25717	68102	8	1E-06	4E-01	4E-02	--	--	--	3E-01	2E-03	--	6E-02	--	--	--	4E-02	2E+00	--	2E+00
25720	68102	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+00	--	3E+00
25725	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25792	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25795	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25852	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25857	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25889	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25891	68102	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25905	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25914	68102	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	4E+00	--	4E+00
55757	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90101	68102	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	5E+00	--	5E+00
90103	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90104	68102	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
202	68104	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
319	68104	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
518	68104	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
782	68104	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2133	68104	13	7E-07	7E-01	7E-02	7E-02	--	9E-02	4E-01	3E-03	9E-02	4E-02	8E-03	--	9E-03	4E-02	6E+00	--	6E+00
2275	68104	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5019	68104	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
5020	68104	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5021	68104	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5026	68104	13	1E-05	1E+00	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	7E-01	1E-02	--	1E-02	4E-02	7E+00	--	7E+00
5141	68104	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5142	68104	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5143	68104	13	1E-04	7E+00	7E-01	8E-02	--	1E-01	4E-01	3E-03	1E-01	6E+00	9E-03	--	1E-02	5E-02	8E+00	--	8E+00
5144	68104	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	9E+00	--	9E+00
5145	68104	13	2E-06	7E-01	8E-02	8E-02	--	8E-02	4E-01	3E-03	1E-01	1E-01	9E-03	--	8E-03	4E-02	1E+01	--	1E+01
5147	68104	13	4E-06	8E-01	9E-02	7E-02	--	6E-02	4E-01	3E-03	7E-02	2E-01	8E-03	--	6E-03	4E-02	1E+01	--	1E+01
5149	68104	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50476	68104	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50480	68104	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50551	68104	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50584	68104	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50647	68104	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+01	--	1E+01
52417	68104	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
57976	68104	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
63438	68104	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
63851	68104	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
65573	68104	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
4	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
8	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
67	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
69	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
70	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
123	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
127	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
137	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
218	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
237	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
266	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
440	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
441	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
733	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
762	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
773	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
777	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
827	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
835	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
838	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
875	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
888	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
891	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
898	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
899	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
920	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
963	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
964	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
999	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1000	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1020	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1026	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1028	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1035	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1043	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1049	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1052	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1054	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1056	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1076	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1079	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1102	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1109	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1174	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1197	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1237	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1245	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1248	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1249	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1252	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1253	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1257	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1258	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1259	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1260	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1267	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1269	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1271	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1273	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1280	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1282	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1286	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1287	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1293	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1294	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1297	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1299	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1300	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1301	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1303	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1311	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1312	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1367	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
1393	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1399	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1403	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1410	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1411	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1416	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1419	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1420	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1452	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1459	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1503	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1515	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1520	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1524	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1528	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1533	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1572	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1592	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1593	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1596	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1598	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1600	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1604	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1617	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1623	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1626	68105	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	1E+01	--	1E+01
1627	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1630	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1638	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2106	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2115	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2171	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
2229	68105	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	2E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	1E+01	--	1E+01
2237	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2272	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2299	68105	13	5E-06	7E-01	7E-02	1E-01	--	1E-01	4E-02	4E-03	1E-01	3E-01	1E-02	--	1E-02	5E-03	2E+01	--	2E+01
2300	68105	13	3E-06	6E-01	6E-02	1E-01	--	1E-01	4E-02	5E-03	1E-01	1E-01	1E-02	--	1E-02	4E-03	2E+01	--	2E+01
2308	68105	13	3E-06	6E-01	6E-02	1E-01	--	1E-01	5E-02	4E-03	1E-01	2E-01	1E-02	--	1E-02	5E-03	2E+01	--	2E+01
2395	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2397	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2403	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2438	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2439	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2441	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+01	--	2E+01
2445	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2448	68105	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	7E-02	--	--	--	1E-02	2E+01	--	2E+01
2449	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2451	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2452	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2453	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
2458	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
2459	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2460	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2462	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2465	68105	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	1E+00	--	--	--	1E-02	2E+01	--	2E+01
2466	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2468	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2470	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2475	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2501	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3007	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3027	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
3041	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3076	68105	13	4E-06	6E-01	7E-02	1E-01	--	1E-01	4E-02	3E-03	1E-01	2E-01	1E-02	--	1E-02	5E-03	2E+01	--	2E+01
3087	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3118	68105	13	3E-06	6E-01	7E-02	1E-01	--	1E-01	5E-02	2E-03	1E-01	2E-01	1E-02	--	1E-02	5E-03	2E+01	--	2E+01
3203	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3207	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3208	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3209	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5002	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5033	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5049	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5050	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5051	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5052	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5053	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5054	68105	13	7E-07	6E-01	7E-02	7E-02	--	8E-02	4E-01	3E-03	7E-02	4E-02	7E-03	--	9E-03	4E-02	2E+01	--	2E+01
5055	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5056	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5057	68105	13	1E-05	1E+00	2E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	7E-01	1E-02	--	1E-02	4E-02	2E+01	--	2E+01
5058	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5059	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5061	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5099	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5102	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5103	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5104	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5105	68105	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	5E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5106	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5108	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5109	68105	13	4E-06	9E-01	1E-01	9E-02	--	1E-01	4E-01	8E-03	8E-02	2E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5110	68105	13	1E-05	1E+00	2E-01	2E-01	--	1E-01	4E-01	5E-03	1E-01	6E-01	2E-02	--	2E-02	4E-02	3E+01	--	3E+01
5111	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5112	68105	13	9E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	5E-01	1E-02	--	2E-02	4E-02	3E+01	--	3E+01
5113	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5114	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5116	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5117	68105	13	8E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	4E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5123	68105	13	9E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	8E-03	1E-01	5E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5124	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5126	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5127	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5128	68105	13	8E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	4E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5129	68105	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	1E-02	1E-01	1E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5132	68105	13	1E-05	2E+00	2E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	8E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5133	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5134	68105	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	2E-03	2E-01	2E-01	1E-02	--	1E-02	4E-02	3E+01	--	3E+01
5135	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5136	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5190	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5281	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5325	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	4E+01	--	4E+01
5326	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5331	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5336	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5337	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5338	68105	13	3E-06	6E-01	7E-02	8E-02	--	1E-01	1E-01	5E-03	1E-01	2E-01	9E-03	--	1E-02	1E-02	4E+01	--	4E+01
5339	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5340	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5341	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5342	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5343	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5344	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5345	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5346	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5347	68105	13	4E-06	8E-01	8E-02	1E-01	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	4E+01	--	4E+01
5349	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5350	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5351	68105	13	7E-08	6E-02	6E-03	2E-05	--	8E-05	4E-02	4E-03	5E-03	4E-03	2E-06	--	9E-06	5E-03	4E+01	--	4E+01
5352	68105	13	1E-05	1E+00	1E-01	1E-01	--	1E-01	9E-02	6E-03	1E-01	8E-01	1E-02	--	1E-02	9E-03	4E+01	--	4E+01
5353	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5354	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5355	68105	13	7E-05	4E+00	5E-01	1E-01	--	1E-01	1E-01	8E-03	1E-01	4E+00	1E-02	--	1E-02	1E-02	4E+01	--	4E+01
5356	68105	13	3E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	4E+01	--	4E+01
5357	68105	13	4E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	4E+01	--	4E+01
5358	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5359	68105	13	3E-06	6E-01	7E-02	1E-01	--	1E-01	8E-02	4E-03	1E-01	2E-01	1E-02	--	1E-02	8E-03	4E+01	--	4E+01
5360	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5361	68105	13	3E-06	5E-01	6E-02	8E-02	--	9E-02	6E-02	3E-03	9E-02	2E-01	8E-03	--	9E-03	6E-03	4E+01	--	4E+01
5362	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5363	68105	13	1E-05	1E+00	1E-01	1E-01	--	1E-01	3E-02	4E-03	1E-01	6E-01	1E-02	--	1E-02	4E-03	5E+01	--	5E+01
5364	68105	13	6E-05	4E+00	4E-01	1E-01	--	1E-01	1E-01	4E-03	2E-01	3E+00	1E-02	--	1E-02	1E-02	5E+01	--	5E+01

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5365	68105	13	1E-05	1E+00	1E-01	1E-01	--	1E-01	4E-02	2E-03	1E-01	8E-01	1E-02	--	1E-02	4E-03	5E+01	--	5E+01
5366	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5367	68105	13	3E-06	5E-01	6E-02	1E-01	--	9E-02	3E-02	4E-03	1E-01	2E-01	1E-02	--	1E-02	3E-03	5E+01	--	5E+01
5368	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5369	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5370	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5371	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5372	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5382	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5383	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5478	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5486	68105	13	3E-06	5E-01	5E-02	8E-02	--	9E-02	4E-02	2E-03	1E-01	1E-01	9E-03	--	1E-02	4E-03	5E+01	--	5E+01
5487	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5488	68105	13	2E-05	2E+00	2E-01	9E-02	--	1E-01	7E-02	3E-03	1E-01	1E+00	9E-03	--	1E-02	8E-03	5E+01	--	5E+01
5489	68105	13	2E-05	2E+00	2E-01	1E-01	--	1E-01	1E-01	4E-03	1E-01	1E+00	1E-02	--	1E-02	1E-02	5E+01	--	5E+01
5490	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5493	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5494	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5495	68105	13	7E-06	8E-01	9E-02	9E-02	--	1E-01	6E-02	6E-03	1E-01	4E-01	1E-02	--	1E-02	6E-03	5E+01	--	5E+01
5508	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5509	68105	13	3E-06	6E-01	7E-02	1E-01	--	1E-01	8E-02	2E-03	1E-01	2E-01	1E-02	--	1E-02	8E-03	5E+01	--	5E+01
5575	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5596	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5597	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5598	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5602	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5604	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5610	68105	13	1E-05	1E+00	1E-01	1E-01	--	1E-01	1E-01	1E-02	1E-01	8E-01	1E-02	--	1E-02	1E-02	5E+01	--	5E+01
12689	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12720	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12756	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12779	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12784	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	6E+01	--	6E+01
12797	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12799	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12802	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12805	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12860	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12862	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12863	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12864	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	6E+01	--	6E+01
12866	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12867	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12868	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12869	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12872	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12873	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12875	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	6E+01	--	6E+01
12886	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	6E+01	--	6E+01
12955	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12958	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12961	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12962	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12964	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	6E+01	--	6E+01
12968	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12969	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12971	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12973	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12974	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12995	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	7E-01	--	--	--	4E-02	6E+01	--	6E+01
13009	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13015	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13023	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13025	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13032	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13050	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13053	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13057	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13062	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13063	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13064	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13065	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13066	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13068	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13069	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	6E-01	--	--	--	4E-02	6E+01	--	6E+01
13070	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13072	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13073	68105	8	5E-06	4E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	6E+01	--	6E+01
13074	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13076	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13077	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13078	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13080	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13081	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13083	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13084	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13085	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13086	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13087	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13088	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13089	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13091	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13092	68105	8	1E-05	8E-01	8E-02	--	--	--	1E-01	2E-03	--	6E-01	--	--	--	1E-02	6E+01	--	6E+01
13093	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13098	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13100	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13104	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13106	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13107	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13111	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13114	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13122	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13124	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13129	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13147	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13151	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13158	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13163	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13165	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13166	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	6E+01	--	6E+01
13167	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13168	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13170	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13172	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13173	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13175	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13178	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13179	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13181	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13182	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13185	68105	8	5E-06	5E-01	5E-02	--	--	--	1E-01	9E-03	--	3E-01	--	--	--	1E-02	7E+01	--	7E+01
13187	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	7E+01	--	7E+01
13191	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	7E+01	--	7E+01
13194	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13197	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13200	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13201	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13202	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13204	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	7E+01	--	7E+01
13209	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	7E+01	--	7E+01
13211	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13212	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13215	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13216	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13219	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13223	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13234	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13236	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13237	68105	8	1E-05	8E-01	9E-02	--	--	--	1E-01	3E-03	--	7E-01	--	--	--	1E-02	7E+01	--	7E+01
13238	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13240	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	7E+01	--	7E+01

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13243	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13244	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13245	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	7E+01	--	7E+01
13248	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	7E+01	--	7E+01
13249	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13250	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13252	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13255	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13257	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13259	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13262	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13263	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13265	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13266	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13268	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13270	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13272	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13273	68105	8	2E-05	1E+00	1E-01	--	--	--	1E-01	4E-03	--	1E+00	--	--	--	1E-02	7E+01	--	7E+01
13274	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13280	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13281	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13282	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13283	68105	8	2E-05	1E+00	1E-01	--	--	--	1E-01	5E-03	--	9E-01	--	--	--	1E-02	8E+01	--	8E+01
13285	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13287	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13288	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13290	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13294	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13298	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13299	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13302	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13303	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13313	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13315	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13317	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13319	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13321	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13322	68105	8	3E-06	4E-01	5E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	3E-02	8E+01	--	8E+01
13324	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13327	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13331	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13334	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13336	68105	7	5E-05	3E+00	3E-01	--	--	--	--	2E-02	--	3E+00	--	--	--	--	8E+01	--	8E+01
13343	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13344	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13345	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13348	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13350	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13352	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13354	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13356	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13358	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13359	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13361	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13363	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13364	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13365	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13366	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13367	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13369	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13370	68105	8	4E-06	4E-01	4E-02	--	--	--	2E-01	3E-03	--	2E-01	--	--	--	2E-02	8E+01	--	8E+01
13372	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13373	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13375	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13376	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13377	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13379	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13381	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	8E+01	--	8E+01
13382	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13383	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13384	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13386	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13387	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13388	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13389	68105	8	3E-05	2E+00	2E-01	--	--	--	4E-01	5E-03	--	2E+00	--	--	--	4E-02	8E+01	--	8E+01
13391	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13392	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
13394	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13395	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13397	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13398	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13401	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13402	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13403	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	8E+01	--	8E+01
13404	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13409	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13410	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13417	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13421	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13425	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13426	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13430	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13432	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13437	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	8E+01	--	8E+01

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13438	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	8E+01	--	8E+01
13439	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13441	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13442	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13443	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13444	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13446	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13455	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13456	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13458	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13459	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13460	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	8E+01	--	8E+01
13461	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13462	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13463	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13464	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13465	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13467	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13470	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13471	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13472	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13475	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13476	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	9E+01	--	9E+01
13479	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13480	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13482	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13483	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13484	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13487	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13489	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13491	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13492	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13493	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13494	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13495	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13497	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13500	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13504	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13505	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13506	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13507	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13508	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13509	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13511	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13512	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13513	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13514	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13515	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13522	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13523	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13525	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13526	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13531	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13533	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13534	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13537	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13540	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13541	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13542	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13544	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13547	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13549	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13551	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13552	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13555	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13563	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13564	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13566	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13567	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13568	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13571	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13572	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13573	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	9E+01	--	9E+01
13576	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13577	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+01	--	9E+01
13578	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
13579	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13581	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13583	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13585	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13586	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13587	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13588	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13590	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13594	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13597	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13598	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13601	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13603	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13604	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13605	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13606	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13607	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13609	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13611	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+01	--	9E+01
13612	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13613	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13614	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13616	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13617	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13624	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13625	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13626	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13627	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13628	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13629	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13630	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13632	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13634	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13636	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13637	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13638	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13639	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
13643	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13646	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13648	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13654	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13656	68105	7	2E-06	2E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	9E+01	--	9E+01
13659	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13660	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13663	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13665	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13670	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13671	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13673	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13678	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
13683	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13684	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
13686	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13687	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13688	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13689	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13690	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	5E-02	9E+01	--	9E+01
13697	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13701	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13703	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13706	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13707	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13708	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13711	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13712	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13713	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13714	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13715	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13716	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13717	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13718	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13719	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13720	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13721	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13722	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13723	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13724	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13725	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13726	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13728	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13730	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13731	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	9E+01	--	9E+01
13732	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13733	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13734	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13735	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	9E+01	--	9E+01
13736	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13737	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13738	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13740	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13741	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	9E+01	--	9E+01
13742	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13743	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13744	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13745	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	9E+01	--	9E+01
13747	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13748	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13749	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13750	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13752	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13753	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13754	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13756	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13757	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13758	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13761	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13762	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13763	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13765	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13769	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13772	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13778	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13779	68105	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	1E+02	--	1E+02
13780	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13781	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13782	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13783	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13785	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13789	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13790	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+02	--	1E+02
13791	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
13793	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
13797	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
13799	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13800	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13804	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13805	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13811	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13814	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13815	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13816	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13819	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13820	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
13821	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13823	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13828	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13830	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13831	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13833	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13834	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13835	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13839	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13842	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13843	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13844	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13849	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13850	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13851	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	1E+02	--	1E+02
13853	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13855	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13856	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13857	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13859	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13861	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13863	68105	8	1E-05	3E+00	3E-01	--	--	--	2E+00	9E-03	--	8E-01	--	--	--	2E-01	1E+02	--	1E+02
13864	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13865	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13866	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13869	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	1E+02	--	1E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13871	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	1E+02	--	1E+02
13872	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13875	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13879	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13880	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+02	--	1E+02
13882	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13884	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13886	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13890	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13891	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13893	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13898	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13900	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13904	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13905	68105	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
13906	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13907	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13908	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13909	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13910	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13911	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13912	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13913	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13915	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13916	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13917	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13918	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
13919	68105	7	6E-05	3E+00	3E-01	--	--	--	--	5E-03	--	3E+00	--	--	--	--	1E+02	--	1E+02
13922	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13927	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13928	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13932	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13934	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13935	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
13940	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13942	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13943	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13944	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13945	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13947	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13948	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13951	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13956	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13957	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13959	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
13966	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13971	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13972	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13973	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13974	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13975	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13976	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13977	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13979	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13980	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13981	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13982	68105	1	--	7E-04	7E-05	--	--	--	--	7E-04	--	--	--	--	--	--	7E-05	--	--
13984	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
13985	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13986	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13987	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13988	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13993	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13997	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13999	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14000	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14002	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14003	68105	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	8E-02	--	--	--	4E-02	1E+02	--	1E+02
14005	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14006	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14007	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14010	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14012	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14013	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14014	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14015	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14016	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14017	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14019	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14021	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14023	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14024	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	1E+02	--	1E+02
14025	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14026	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14027	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14030	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14031	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14033	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14034	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14036	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14039	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14040	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14042	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14044	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14045	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14047	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14049	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14050	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14052	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14053	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14054	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14058	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14061	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14063	68105	8	2E-06	6E-01	7E-02	--	--	--	5E-01	1E-02	--	1E-01	--	--	--	5E-02	1E+02	--	1E+02
14064	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14066	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14068	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14069	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14070	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14073	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14075	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14077	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14078	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14080	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	1E+02	--	1E+02
14082	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14085	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14088	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14090	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14091	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14092	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14093	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14094	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14097	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14098	68105	8	4E-05	3E+00	3E-01	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E+02	--	1E+02
14099	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14100	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14101	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14102	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14103	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14104	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14105	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14108	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14109	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14114	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14115	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14116	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14117	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14118	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14122	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14124	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14125	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14126	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14127	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14129	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14131	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14132	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14133	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14137	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14138	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14139	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
14142	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14144	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14145	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14146	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14148	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14149	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14150	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14152	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14154	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14155	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14156	68105	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
14157	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14159	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14160	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14161	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14162	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14164	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14165	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14166	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14167	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14168	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14169	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14170	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14172	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14175	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14176	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14177	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14178	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14180	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14181	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14182	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14183	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14187	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14188	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14190	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14191	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14193	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14194	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14195	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14196	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14197	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14198	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14199	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14200	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14201	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14206	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14207	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14211	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14212	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14214	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14215	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14216	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14221	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14222	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14223	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14225	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14226	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
14227	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14228	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14229	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14233	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14234	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14236	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14237	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
14238	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14240	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14243	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14245	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14247	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14248	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14250	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14253	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14254	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14255	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14257	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14260	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14261	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14262	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
14263	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14265	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14266	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14267	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14268	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14271	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14275	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14276	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14277	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14280	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14281	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14283	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14288	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14289	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14291	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14293	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14294	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14295	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14296	68105	1	--	8E-04	8E-05	--	--	--	--	8E-04	--	--	--	--	--	--	8E-05	--	--
14298	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14301	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14302	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14303	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14304	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14307	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14310	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14312	68105	1	--	7E-04	7E-05	--	--	--	--	7E-04	--	--	--	--	--	--	7E-05	--	--
14317	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14318	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14319	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14322	68105	8	3E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14323	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14324	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14326	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14329	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14330	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14336	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14339	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14341	68105	7	4E-05	2E+00	2E-01	--	--	--	--	4E-03	--	2E+00	--	--	--	--	1E+02	--	1E+02
14342	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14344	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14346	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14347	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14348	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14352	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14355	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14356	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14361	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14363	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14364	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14368	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14373	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14377	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14378	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14380	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14381	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14382	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14383	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14385	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14386	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14390	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14393	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14394	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14395	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14396	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14398	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14399	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14400	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14402	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14403	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14404	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14405	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14406	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14407	68105	7	2E-06	3E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	1E+02	--	1E+02
14408	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14409	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14410	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14411	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14413	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14415	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14420	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14422	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14423	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14424	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14426	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14427	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14428	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14429	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14431	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14434	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14435	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14437	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14439	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14441	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14443	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14446	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14447	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14448	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14450	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14451	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14452	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14453	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14456	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14459	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14460	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14462	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14464	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14467	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14469	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14471	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14472	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14473	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14478	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14479	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14482	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14483	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14484	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14487	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14492	68105	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	1E+02	--	1E+02
14498	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14499	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14500	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14502	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14506	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14507	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14508	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14509	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14510	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14511	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14513	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14515	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14520	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14522	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14523	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14524	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14525	68105	7	2E-05	1E+00	1E-01	--	--	--	--	4E-03	--	1E+00	--	--	--	--	1E+02	--	1E+02
14526	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14528	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	1E+02	--	1E+02
14531	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14532	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14533	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14534	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14535	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14536	68105	8	7E-06	6E-01	6E-02	--	--	--	1E-01	1E-02	--	4E-01	--	--	--	2E-02	1E+02	--	1E+02
14538	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14539	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14542	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14543	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14544	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14546	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14548	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14549	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14550	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14551	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14556	68105	8	4E-05	2E+00	3E-01	--	--	--	4E-01	2E-03	--	2E+00	--	--	--	4E-02	1E+02	--	1E+02
14557	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+02	--	1E+02
14561	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14565	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14567	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14568	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14572	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14577	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	1E+02	--	1E+02
14583	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14584	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14587	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14590	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14592	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14593	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14597	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14598	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14601	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14602	68105	8	5E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	1E+02	--	1E+02
14603	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14604	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14605	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14606	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14609	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14611	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14612	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14614	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14618	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14620	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
14624	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14625	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14626	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14627	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14628	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14631	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14632	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14633	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14634	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14636	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14640	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14641	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14644	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14646	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14647	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	1E+02	--	1E+02
14648	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14649	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14650	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14651	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14652	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14655	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14656	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14657	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14659	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14661	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14662	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14666	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14667	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14679	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14680	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14681	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14688	68105	8	3E-05	2E+00	2E-01	--	--	--	4E-01	4E-03	--	1E+00	--	--	--	4E-02	1E+02	--	1E+02
14689	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14693	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14695	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14696	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14698	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14699	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14702	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14703	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14708	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14709	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14711	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14712	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14717	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14718	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14719	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14721	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14723	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14725	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14727	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14730	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14731	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14733	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14734	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14735	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14737	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14739	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+02	--	1E+02
14743	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14744	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14746	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14749	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14752	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14753	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14755	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14756	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14757	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14761	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14763	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14764	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14765	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14766	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14767	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14768	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14769	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14774	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14776	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14777	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
14778	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14780	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	8E-01	--	--	--	4E-02	1E+02	--	1E+02
14781	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14783	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14784	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14787	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14788	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14791	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14794	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14797	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14798	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14799	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14806	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14809	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14810	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14811	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14812	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14813	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14814	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14817	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	1E+02	--	1E+02
14819	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14820	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14823	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14824	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14826	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14828	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14829	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14836	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14837	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14838	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14840	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14844	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14846	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14852	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14857	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14858	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14860	68105	8	1E-05	2E+00	2E-01	--	--	--	2E+00	8E-03	--	6E-01	--	--	--	2E-01	1E+02	--	1E+02
14863	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14864	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14869	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14872	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14875	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14876	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14877	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14880	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14881	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14882	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14883	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14884	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14885	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	1E+02	--	1E+02
14887	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14889	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14892	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14893	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14896	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14897	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14900	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14905	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14906	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14908	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14909	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14910	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14913	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14915	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14916	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14917	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14918	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14919	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14920	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14921	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14922	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14923	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14924	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14926	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14927	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14928	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14929	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14930	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14934	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14937	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14938	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14942	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14949	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14950	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14951	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14952	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14955	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14956	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14957	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14958	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14959	68105	8	4E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	1E+02	--	1E+02
14962	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14964	68105	7	5E-06	4E-01	5E-02	--	--	--	--	7E-03	--	3E-01	--	--	--	--	1E+02	--	1E+02
14966	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14967	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14969	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14970	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14971	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14974	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14975	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14976	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
14978	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14979	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14980	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14981	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14982	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14984	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14985	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14986	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14988	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14990	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14992	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+02	--	1E+02
14993	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14994	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14995	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15000	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15003	68105	8	2E-05	1E+00	2E-01	--	--	--	4E-01	4E-03	--	1E+00	--	--	--	4E-02	1E+02	--	1E+02
15006	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15008	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15009	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15012	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15013	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15014	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15015	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15016	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15017	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15020	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15022	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15024	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15025	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15029	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15032	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15035	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15036	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15037	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15038	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15041	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15044	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+02	--	1E+02
15045	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E+02	--	1E+02
15047	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15052	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15056	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15057	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15058	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+02	--	2E+02
15059	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15060	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15064	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15065	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15068	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15071	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15074	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15076	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15077	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15078	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15079	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15080	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15082	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15083	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15084	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15088	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15089	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15090	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15091	68105	8	4E-06	6E-01	6E-02	--	--	--	3E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15094	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15095	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15097	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15099	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15102	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15104	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15105	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15106	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
15110	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15119	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15121	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15122	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
15123	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15126	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15128	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15132	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15133	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15136	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15139	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15141	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15144	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15145	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15149	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15153	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15154	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15159	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15160	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15161	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15162	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15163	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15166	68105	8	6E-05	4E+00	4E-01	--	--	--	4E-01	4E-03	--	4E+00	--	--	--	4E-02	2E+02	--	2E+02
15167	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15168	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15169	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15172	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15175	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15177	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15178	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15182	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15184	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15189	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15191	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15192	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15193	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15194	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15197	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15198	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15199	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15202	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15206	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15210	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15211	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15213	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15215	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15216	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15218	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15219	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15221	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15227	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	2E+02	--	2E+02
15229	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15231	68105	8	7E-06	5E-01	6E-02	--	--	--	1E-01	5E-03	--	4E-01	--	--	--	1E-02	2E+02	--	2E+02
15234	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15236	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15238	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15240	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15244	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15246	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15249	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15250	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15255	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15257	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15258	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15261	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15262	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15265	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15267	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15274	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15277	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15278	68105	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	2E+02	--	2E+02
15279	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+02	--	2E+02
15280	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15284	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15287	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15288	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15291	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15292	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+02	--	2E+02
15293	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15295	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15298	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15299	68105	8	4E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+02	--	2E+02
15300	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15301	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15302	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15303	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15305	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15306	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15308	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
15311	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15315	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15316	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15317	68105	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+02	--	2E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15318	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15319	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15320	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15321	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15323	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15329	68105	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	2E+02	--	2E+02
15332	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15333	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15334	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15335	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15336	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+02	--	2E+02
15340	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15341	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
15342	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15343	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15344	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15345	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15348	68105	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15349	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15350	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15352	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15354	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15357	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15360	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15363	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15366	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15371	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15372	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15373	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15377	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15378	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15379	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15380	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15382	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15385	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15386	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15388	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15389	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15390	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15392	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15393	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15394	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15397	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15398	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15400	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15402	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15407	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15410	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15416	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15417	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15426	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15427	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15430	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15434	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15436	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15442	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15447	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15449	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15452	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15453	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15454	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15456	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15461	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15464	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15466	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15473	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15474	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15476	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15477	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15480	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15484	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15485	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15487	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15489	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15493	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15494	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15495	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15496	68105	8	5E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	2E+02	--	2E+02
15497	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15499	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15500	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15503	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15507	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15508	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15509	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15510	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15511	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15513	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15514	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15515	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15516	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15518	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15519	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	2E+02	--	2E+02
15520	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15522	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15523	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15524	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15525	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15526	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
15527	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15528	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15534	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15536	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15537	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15540	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15541	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15543	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15544	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15545	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15547	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15548	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15554	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15564	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15568	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15569	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15577	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
15578	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15581	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15587	68105	8	4E-06	7E-01	8E-02	--	--	--	5E-01	2E-03	--	2E-01	--	--	--	5E-02	2E+02	--	2E+02
15590	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15591	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15602	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15604	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15605	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15607	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15608	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15609	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15611	68105	8	2E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
15612	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15613	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15620	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15621	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15622	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15623	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15627	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15629	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15633	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15636	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
15638	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15640	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15644	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15645	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15651	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	8E-01	--	--	--	4E-02	2E+02	--	2E+02
15657	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15659	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15660	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15661	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15663	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15664	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15665	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15666	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15667	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15669	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15670	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15671	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15673	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15678	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15681	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15682	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15684	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15686	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
15691	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15693	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15694	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15695	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	2E+02	--	2E+02
15697	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15698	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15701	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15705	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15709	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15712	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15715	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15717	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15718	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15723	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15728	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
15729	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15732	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15733	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15736	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15741	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15744	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15745	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15746	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15749	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15753	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15754	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15756	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15758	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15765	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15767	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15771	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15774	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15780	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15781	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15782	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15783	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15786	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15792	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15797	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15798	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15801	68105	8	2E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	9E-01	--	--	--	4E-02	2E+02	--	2E+02
15802	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15804	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15805	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15808	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15810	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15811	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15815	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15818	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15820	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15824	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15829	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15832	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15834	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15835	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+02	--	2E+02
15836	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15838	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15840	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15842	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15843	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15846	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15848	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15849	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15856	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15860	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15864	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15867	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15868	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15871	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
15872	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15879	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15882	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15884	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15886	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15891	68105	8	8E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	2E+02	--	2E+02
15894	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15896	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15897	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15898	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15900	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15901	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15904	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15905	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15908	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15911	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15914	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15916	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15918	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
15921	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15922	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15924	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15926	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15928	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15932	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15933	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15935	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15936	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15938	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15943	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15945	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15949	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15950	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15951	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15952	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15953	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15957	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15958	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15959	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15960	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15962	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15967	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15968	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
15969	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15978	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15981	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15985	68105	8	4E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
15986	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15988	68105	8	2E-06	3E-01	3E-02	--	--	--	2E-01	4E-03	--	1E-01	--	--	--	2E-02	2E+02	--	2E+02
15991	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15992	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15994	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16007	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16009	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16015	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16017	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16019	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16020	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16022	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16026	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16027	68105	8	5E-05	3E+00	3E-01	--	--	--	4E-01	1E-02	--	3E+00	--	--	--	4E-02	2E+02	--	2E+02
16031	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16044	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16047	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16048	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16049	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16052	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16053	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16054	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16055	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16056	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16058	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16059	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16062	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16063	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16066	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16067	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16068	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16069	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16070	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16072	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16076	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16078	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16082	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16083	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16084	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16085	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16087	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16090	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16092	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16093	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16094	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-02	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16095	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16098	68105	8	3E-06	7E-01	8E-02	--	--	--	5E-01	8E-03	--	2E-01	--	--	--	5E-02	2E+02	--	2E+02
16099	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16102	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16103	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16109	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16110	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16111	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16113	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16114	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16115	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16116	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16118	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16119	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16121	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16122	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16123	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16124	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16127	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16136	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16142	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16144	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16146	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16149	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16151	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
16152	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16154	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16155	68105	8	7E-06	8E-01	8E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	2E+02	--	2E+02
16158	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16159	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16161	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16166	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16168	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16169	68105	8	7E-05	4E+00	4E-01	--	--	--	4E-01	5E-03	--	4E+00	--	--	--	4E-02	2E+02	--	2E+02
16171	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16172	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16173	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16178	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16179	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16181	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16182	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16183	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16185	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16186	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+02	--	2E+02
16188	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16189	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16193	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16196	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16206	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16210	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16211	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16216	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16221	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16223	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16228	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16229	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16230	68105	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+02	--	2E+02
16231	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16232	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16233	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16234	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16235	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16236	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
16241	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16243	68105	8	2E-05	2E+00	2E-01	--	--	--	4E-01	8E-03	--	1E+00	--	--	--	4E-02	2E+02	--	2E+02
16248	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16249	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16250	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16255	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16263	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16264	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16269	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16271	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16272	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16275	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16276	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16278	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16281	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16283	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16286	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16290	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16292	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16293	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16295	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16298	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16301	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16302	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16303	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16306	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16308	68105	8	6E-05	4E+00	4E-01	--	--	--	4E-01	4E-03	--	3E+00	--	--	--	5E-02	2E+02	--	2E+02
16309	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	2E+02	--	2E+02
16312	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16314	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16315	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16317	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16318	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16321	68105	7	4E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	2E+02	--	2E+02
16324	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16325	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16327	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16329	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16332	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16333	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
16336	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16337	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16342	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16343	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16345	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16346	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16350	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16351	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16352	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16356	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16357	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16358	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16359	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16364	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+02	--	2E+02
16365	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16371	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16372	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16375	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16378	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16380	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16382	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16384	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16385	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16387	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16389	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16390	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16391	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16392	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16393	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16394	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16395	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
16397	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16398	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16400	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16406	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16408	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16411	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16412	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16413	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16415	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16420	68105	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	2E+02	--	2E+02
16421	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16422	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16424	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16426	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16427	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
16428	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16429	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16430	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16436	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16437	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16439	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16445	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16447	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16449	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16450	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16451	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16453	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16454	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16456	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16458	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16459	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16461	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16462	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16464	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16465	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16466	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16467	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16469	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16471	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16472	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	9E-02	--	--	--	4E-02	2E+02	--	2E+02
16473	68105	8	3E-06	5E-01	6E-02	--	--	--	3E-01	7E-03	--	2E-01	--	--	--	3E-02	2E+02	--	2E+02
16475	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16478	68105	7	5E-06	4E-01	4E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	2E+02	--	2E+02
16480	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16484	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16485	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16486	68105	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	2E+02	--	2E+02
16488	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16490	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16493	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16494	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16495	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16496	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16499	68105	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16500	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16501	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16505	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16506	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16507	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16511	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16513	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16519	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16523	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16528	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16533	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16535	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16537	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16541	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16543	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16545	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16550	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16553	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16555	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16557	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16559	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16562	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16564	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16565	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16566	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16568	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16569	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16571	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16572	68105	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	2E+02	--	2E+02
16573	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16575	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16589	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16591	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16597	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16598	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16605	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16607	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16609	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16611	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16614	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16615	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16618	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16619	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16621	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16622	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16628	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16631	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
16634	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16639	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16641	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16646	68105	8	1E-05	9E-01	1E-01	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	2E+02	--	2E+02
16647	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16650	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16651	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16654	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16657	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16658	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16660	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16668	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	2E+02	--	2E+02
16669	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16671	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16675	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16678	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16679	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16680	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16681	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16684	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16688	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16691	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16692	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16694	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16696	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16697	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16698	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16700	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16703	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16704	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16706	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16707	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16708	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16710	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16715	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16721	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16722	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16723	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16725	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16727	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16728	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16729	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16731	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16736	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16737	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16738	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16739	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16740	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16742	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16743	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16744	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16747	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16748	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16749	68105	8	9E-06	9E-01	9E-02	--	--	--	4E-01	4E-03	--	5E-01	--	--	--	4E-02	2E+02	--	2E+02

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16755	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16760	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16761	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16762	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16763	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16765	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16772	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16773	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16775	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16777	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+02	--	2E+02
16779	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16781	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16791	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16792	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16793	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16794	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16802	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16803	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16806	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16807	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16808	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16810	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16812	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16815	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16816	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16817	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16818	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16820	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16827	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16830	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16831	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16840	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16842	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16843	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16844	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16851	68105	8	2E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	5E-02	2E+02	--	2E+02
16858	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16859	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16861	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16865	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16866	68105	8	1E-05	2E+00	2E-01	--	--	--	8E-01	4E-03	--	7E-01	--	--	--	9E-02	2E+02	--	2E+02
16867	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16869	68105	8	4E-05	3E+00	3E-01	--	--	--	4E-01	4E-03	--	2E+00	--	--	--	4E-02	2E+02	--	2E+02
16876	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16877	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16880	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16881	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16882	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16884	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16888	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16889	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	2E+02	--	2E+02
16891	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16893	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16895	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16896	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16900	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16903	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16904	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16911	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16913	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16916	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16917	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16919	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16920	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16921	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16922	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
16923	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16924	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16926	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16928	68105	8	7E-06	8E-01	8E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	2E+02	--	2E+02
16929	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16930	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16931	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16932	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16933	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16936	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16938	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16939	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16942	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16943	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16945	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16946	68105	8	3E-05	2E+00	2E-01	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	2E+02	--	2E+02
16949	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16950	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16954	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16957	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16958	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16959	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16961	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16962	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16963	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16965	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16967	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16970	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16974	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
16975	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16976	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16978	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16980	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16983	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16985	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16986	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16990	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16992	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16994	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16995	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16996	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16998	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17001	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17006	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17011	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17012	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17015	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17020	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17021	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17025	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17030	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17032	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17040	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
17041	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17042	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17043	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17051	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17052	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17053	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
17055	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	2E+02	--	2E+02
17064	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17065	68105	8	3E-05	2E+00	2E-01	--	--	--	1E-01	8E-03	--	2E+00	--	--	--	2E-02	2E+02	--	2E+02
17067	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17071	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17072	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17074	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17076	68105	8	1E-05	9E-01	1E-01	--	--	--	4E-01	5E-03	--	5E-01	--	--	--	4E-02	2E+02	--	2E+02
17077	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17081	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17082	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17085	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17086	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17088	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17089	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17095	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17097	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
17099	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17102	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17105	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17107	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17108	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	2E+02	--	2E+02
17113	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17116	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17117	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17119	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17122	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17123	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17124	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17129	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17130	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17132	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17133	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17134	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17135	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17138	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17140	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17142	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
17143	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17145	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17149	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17150	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17151	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17153	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17154	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17155	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17158	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17161	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17162	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17163	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17165	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17166	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17169	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17172	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17175	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17179	68105	8	3E-06	4E-01	4E-02	--	--	--	2E-01	7E-03	--	2E-01	--	--	--	2E-02	2E+02	--	2E+02
17181	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17182	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17184	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17185	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17187	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17190	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17192	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17193	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17195	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17198	68105	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+02	--	2E+02
17199	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	2E+02	--	2E+02
17202	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17203	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17207	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17208	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17209	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17211	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17213	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17214	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17215	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17216	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17219	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17220	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17222	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17223	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17227	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17231	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17236	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17237	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17240	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17243	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17244	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17254	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17255	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17256	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17257	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17258	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17267	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17270	68105	8	7E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	2E+02	--	2E+02
17271	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17275	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17276	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17278	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17279	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17281	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17283	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17285	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17286	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17287	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17288	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17290	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17292	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17293	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17294	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17295	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17298	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+02	--	2E+02
17300	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	2E+02	--	2E+02
17302	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17303	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17305	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17310	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17313	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17315	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17317	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17318	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17319	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17325	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17327	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17328	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17331	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17334	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17336	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17340	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17342	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17344	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17345	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17346	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17348	68105	8	7E-07	5E-01	6E-02	--	--	--	5E-01	3E-02	--	4E-02	--	--	--	5E-02	2E+02	--	2E+02
17352	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17355	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17357	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17359	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17363	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17364	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17367	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17368	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17370	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17374	68105	8	3E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	5E-02	3E+02	--	3E+02
17375	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17376	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17379	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	2E-02	3E+02	--	3E+02
17382	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17384	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17386	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17387	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17390	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17391	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17392	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17394	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17396	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17398	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17406	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17409	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17413	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17421	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17429	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17433	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17434	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17436	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17445	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17448	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17453	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17456	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17457	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17458	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17466	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17471	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17472	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17473	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17476	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17477	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17480	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17482	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17485	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17486	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17489	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17497	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17499	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17501	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17504	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17506	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17516	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17518	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17520	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17521	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17522	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17523	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17526	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17530	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17532	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17535	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17537	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17542	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	6E-01	--	--	--	4E-02	3E+02	--	3E+02
17543	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17544	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17546	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17552	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17557	68105	7	5E-06	4E-01	4E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	3E+02	--	3E+02

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17559	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17560	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17562	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17566	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17571	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17572	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17573	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17574	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17578	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17583	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17584	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17588	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17590	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17591	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17594	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17598	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17604	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17605	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17608	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17609	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17610	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17612	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17613	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17615	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17616	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17618	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17619	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17624	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17625	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17627	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17629	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17632	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17634	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17636	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17638	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17640	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17644	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17649	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17651	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17653	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17667	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17668	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17669	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17673	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17675	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17678	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17680	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17681	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17684	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17685	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17686	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17687	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17688	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17690	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17692	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17694	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17695	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17697	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17702	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17704	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17706	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17709	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17712	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17713	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17717	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17719	68105	8	3E-06	4E-01	4E-02	--	--	--	2E-01	7E-03	--	2E-01	--	--	--	2E-02	3E+02	--	3E+02
17720	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17722	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17723	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17724	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17725	68105	8	1E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	8E-02	--	--	--	4E-02	3E+02	--	3E+02
17727	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17728	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17731	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17733	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17735	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17736	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17737	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17738	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17739	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17741	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17745	68105	8	4E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	5E-02	3E+02	--	3E+02
17746	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17748	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17749	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17752	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17753	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
17756	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17757	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17762	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17763	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17765	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17767	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17768	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17769	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17770	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17777	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17780	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17781	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17783	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17786	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17794	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17795	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17796	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17798	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17802	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
17803	68105	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	3E+02	--	3E+02
17806	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17812	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17814	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17820	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17821	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17822	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17824	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17825	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17826	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17827	68105	7	4E-06	3E-01	3E-02	--	--	--	--	2E-03	--	2E-01	--	--	--	--	3E+02	--	3E+02
17831	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17839	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17841	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17842	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17844	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17847	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17850	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17853	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17854	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17855	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17860	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17866	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17869	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17871	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17873	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17875	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17876	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
17877	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17880	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17883	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17885	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17887	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17888	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17890	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17892	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17894	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17897	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17898	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17899	68105	7	4E-06	4E-01	4E-02	--	--	--	--	4E-03	--	3E-01	--	--	--	--	3E+02	--	3E+02
17900	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17901	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17903	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17905	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17906	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17907	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17917	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17918	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	3E+02	--	3E+02
17921	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17923	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17926	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17927	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17928	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17930	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17932	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17933	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17934	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	3E+02	--	3E+02
17935	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+02	--	3E+02
17937	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17938	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17942	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17943	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17944	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17948	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17950	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17951	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17954	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17955	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17957	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17959	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17960	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17961	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17962	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17964	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17966	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17970	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17973	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17974	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17976	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17977	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17978	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17979	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17982	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17983	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17984	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17986	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17988	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17991	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17994	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17995	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17998	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17999	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18000	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18001	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18002	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18003	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18005	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18007	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18012	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18014	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18017	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18020	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18021	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18023	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18029	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18030	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18031	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18033	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18034	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18035	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18036	68105	7	2E-05	1E+00	1E-01	--	--	--	--	2E-03	--	1E+00	--	--	--	--	3E+02	--	3E+02
18039	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18044	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18049	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18051	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18052	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18055	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18056	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18058	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18059	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18060	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18062	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18064	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18068	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18078	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18083	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18085	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18086	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18088	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18092	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18099	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18101	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18104	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18105	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18110	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18114	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18118	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18120	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18121	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18122	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18128	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18133	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18134	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18138	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18145	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18147	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18151	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18153	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18155	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18157	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18158	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18161	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18162	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18164	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18167	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18169	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18171	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18173	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18174	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18177	68105	7	8E-05	5E+00	5E-01	--	--	--	--	3E-03	--	5E+00	--	--	--	--	3E+02	--	3E+02
18182	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18183	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18186	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18187	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18189	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18192	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18197	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18200	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18207	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18224	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18227	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18229	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18247	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18262	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18267	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18269	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18270	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18273	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18279	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18281	68105	8	3E-06	5E-01	5E-02	--	--	--	3E-01	6E-03	--	2E-01	--	--	--	3E-02	3E+02	--	3E+02
18284	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18285	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18287	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18290	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18291	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18293	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18295	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18298	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18302	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18303	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18304	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18306	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18311	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18312	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18320	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18321	68105	8	9E-06	6E-01	7E-02	--	--	--	1E-01	3E-03	--	5E-01	--	--	--	1E-02	3E+02	--	3E+02
18323	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18332	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18333	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18334	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18336	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18337	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18338	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18342	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18346	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18349	68105	8	6E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	3E+02	--	3E+02
18351	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18354	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18355	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18356	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18358	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18359	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18368	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18369	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18370	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18376	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18378	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18383	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18387	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18389	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18393	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18395	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18396	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18398	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18401	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18406	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18408	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18411	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18412	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18413	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18419	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18421	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18425	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18427	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18429	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18434	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18442	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18444	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18445	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18452	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
18453	68105	8	7E-07	5E-01	6E-02	--	--	--	5E-01	5E-03	--	4E-02	--	--	--	5E-02	3E+02	--	3E+02
18459	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18462	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18464	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18465	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18466	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18469	68105	8	5E-06	6E-01	7E-02	--	--	--	3E-01	6E-03	--	3E-01	--	--	--	3E-02	3E+02	--	3E+02
18470	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18472	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18481	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18482	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18485	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18490	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18493	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18495	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18499	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+02	--	3E+02
18500	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18505	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18508	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18511	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18514	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18516	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18517	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18529	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18531	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18538	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18544	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18550	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18558	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18559	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18561	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
18564	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18573	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
18580	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18581	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18583	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18586	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18590	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18591	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18592	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18593	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18596	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18598	68105	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18600	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18602	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18604	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18606	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18607	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18610	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	3E+02	--	3E+02
18612	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18613	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18615	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18616	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18618	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18620	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18621	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18623	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18624	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18628	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18640	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18641	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18643	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18645	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18646	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18654	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	5E-02	3E+02	--	3E+02
18655	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18657	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18659	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18661	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+02	--	3E+02
18663	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18667	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18669	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18671	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18673	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+02	--	3E+02
18676	68105	8	9E-06	9E-01	9E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	3E+02	--	3E+02
18684	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18685	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18686	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18688	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18689	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18690	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18693	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	5E-02	3E+02	--	3E+02
18714	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18728	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18730	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18735	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18736	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18737	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18740	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18741	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18743	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18745	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18747	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18750	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18755	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18757	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
18765	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18770	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18773	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18777	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18778	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18782	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18785	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18787	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18789	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18797	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
18801	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18804	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18806	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18810	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18812	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18813	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18817	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18820	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18823	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18824	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18825	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
18827	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18828	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18831	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18835	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18839	68105	8	2E-06	2E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	3E+02	--	3E+02
18850	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18853	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18856	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18857	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18861	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18863	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18866	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18868	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18869	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18871	68105	7	5E-06	4E-01	4E-02	--	--	--	--	6E-03	--	3E-01	--	--	--	--	3E+02	--	3E+02
18874	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18877	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18881	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18882	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
18883	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18884	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18888	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18891	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18894	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18897	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18898	68105	8	3E-05	2E+00	2E-01	--	--	--	1E-01	3E-03	--	2E+00	--	--	--	1E-02	3E+02	--	3E+02
18900	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18901	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18904	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18906	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18908	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18909	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18910	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18912	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18913	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18915	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18916	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18917	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18918	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18919	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18920	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18921	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18925	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18927	68105	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+02	--	3E+02
18928	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18929	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18930	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18931	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18934	68105	8	3E-06	4E-01	4E-02	--	--	--	1E-01	5E-02	--	2E-01	--	--	--	2E-02	3E+02	--	3E+02
18935	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18948	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18949	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18954	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18963	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18964	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18966	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18969	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18980	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18983	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18993	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18996	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18997	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18999	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19000	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19004	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19009	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19014	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19015	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
19016	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19024	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19025	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19028	68105	7	2E-06	2E-01	2E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	3E+02	--	3E+02
19031	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19034	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19035	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19037	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19039	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19042	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19046	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19047	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19049	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19052	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19053	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19055	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19057	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19060	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19062	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19068	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19075	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19080	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19081	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19083	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19101	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19102	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19106	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19107	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19108	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19109	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19110	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19112	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19113	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19114	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19118	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
19124	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19127	68105	8	7E-06	6E-01	6E-02	--	--	--	1E-01	4E-03	--	4E-01	--	--	--	1E-02	3E+02	--	3E+02
19128	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19129	68105	8	4E-05	2E+00	3E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	4E-02	3E+02	--	3E+02
19131	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19134	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19137	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19142	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19143	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19145	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19146	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19147	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19148	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19149	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19152	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19160	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19163	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19165	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19168	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19169	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19172	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19174	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19176	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19177	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19178	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19180	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19181	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19184	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19186	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19189	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19202	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19204	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19217	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19219	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19220	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19222	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19225	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19226	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19227	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19228	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19229	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19233	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19234	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19237	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19240	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19248	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19259	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19261	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19266	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19267	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19271	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19275	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19284	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19288	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19291	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19295	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19296	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19297	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19298	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19300	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19305	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19307	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19309	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19310	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
19311	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19316	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19317	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19320	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19321	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19322	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19323	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19325	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19326	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19327	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19328	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19332	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19333	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19334	68105	8	1E-05	9E-01	9E-02	--	--	--	1E-01	7E-03	--	7E-01	--	--	--	1E-02	3E+02	--	3E+02
19336	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19337	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19338	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19339	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19340	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19342	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19344	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
19345	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19346	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19352	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19353	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19356	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19359	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19364	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19365	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19366	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19368	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19370	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19372	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19377	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19378	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19380	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19384	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19393	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19403	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19405	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19413	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19418	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19420	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19421	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19422	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19423	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19424	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19425	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19427	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19428	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19431	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19433	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19434	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19435	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19436	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19438	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19439	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19441	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19442	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19445	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19446	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19447	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19448	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
19451	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19452	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19453	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19454	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19457	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19458	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19461	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19463	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19469	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19471	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19476	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19481	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19482	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19483	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19484	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19485	68105	8	1E-06	2E-01	2E-02	--	--	--	1E-01	9E-03	--	6E-02	--	--	--	1E-02	3E+02	--	3E+02
19486	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19488	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19489	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19491	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19492	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19495	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19496	68105	7	5E-06	4E-01	5E-02	--	--	--	--	2E-03	--	3E-01	--	--	--	--	3E+02	--	3E+02
19497	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19499	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19500	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19501	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19502	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19504	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19505	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19507	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19508	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19510	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19511	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19517	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19518	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19524	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19527	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19528	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19529	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19530	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19532	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19534	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19538	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19540	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19551	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19552	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19555	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19556	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19559	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19561	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19567	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19569	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19572	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19577	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19578	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19580	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19583	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19585	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19587	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19588	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19589	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19591	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19592	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19593	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19594	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19599	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19601	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19602	68105	8	5E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
19604	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19605	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19607	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19608	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19609	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19611	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19612	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
19613	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19614	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19615	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19616	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19619	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19620	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19625	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19626	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19629	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19635	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19636	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19641	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19648	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19655	68105	8	3E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	5E-02	3E+02	--	3E+02
19657	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19658	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19659	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19664	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19666	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19669	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19670	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19671	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	3E+02	--	3E+02
19676	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
19677	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19678	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19682	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19686	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19688	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19690	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19691	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19692	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19693	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19696	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19697	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19700	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19702	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19705	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19708	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19710	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19711	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19716	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19717	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19718	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19720	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19721	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19722	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19725	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19726	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19728	68105	8	9E-06	6E-01	7E-02	--	--	--	1E-01	3E-03	--	5E-01	--	--	--	1E-02	3E+02	--	3E+02
19729	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
19730	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19733	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19735	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19737	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19738	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19739	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19740	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19741	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19742	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19743	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19745	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19746	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19747	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19749	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19751	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19753	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19755	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19759	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19762	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19764	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19768	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
19773	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19775	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19776	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19779	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19784	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19786	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19787	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	3E+02	--	3E+02
19790	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19791	68105	8	5E-06	4E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+02	--	3E+02
19795	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19796	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19797	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19800	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19801	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19802	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19804	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19806	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19807	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19812	68105	8	1E-06	2E-01	2E-02	--	--	--	1E-01	7E-03	--	6E-02	--	--	--	2E-02	3E+02	--	3E+02
19814	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19818	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19819	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19821	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19822	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19823	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19827	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19831	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19832	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19833	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19837	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19839	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	3E+02	--	3E+02
19841	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19842	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19844	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19846	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19848	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19849	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19854	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19855	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19857	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19858	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	9E-02	--	--	--	4E-02	3E+02	--	3E+02
19859	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19860	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19861	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19863	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19864	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
19866	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19869	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19871	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19873	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19878	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19881	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19887	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19888	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19889	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19890	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19893	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19895	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19899	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19900	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19901	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19913	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19914	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19915	68105	8	1E-05	9E-01	9E-02	--	--	--	1E-01	4E-03	--	7E-01	--	--	--	2E-02	3E+02	--	3E+02
19918	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19919	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19923	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19929	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19932	68105	8	9E-06	7E-01	7E-02	--	--	--	1E-01	1E-02	--	5E-01	--	--	--	1E-02	3E+02	--	3E+02
19934	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19935	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19938	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
19945	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19947	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19954	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19955	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19957	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19960	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19961	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19965	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19966	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19967	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19968	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19972	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
19974	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19975	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19976	68105	8	2E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	1E+00	--	--	--	4E-02	3E+02	--	3E+02
19978	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19981	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19983	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19984	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19986	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19987	68105	8	2E-05	1E+00	2E-01	--	--	--	4E-01	2E-03	--	1E+00	--	--	--	4E-02	3E+02	--	3E+02
19989	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19992	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19993	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19995	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19997	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19999	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20000	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20002	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20005	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20007	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20009	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20012	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20015	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20016	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20017	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20018	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20019	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20020	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20022	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20023	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20027	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20030	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20031	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20032	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20033	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20034	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20035	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20038	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20041	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20049	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20050	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20052	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20054	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20062	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20065	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20066	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20067	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20069	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
20070	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20071	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20072	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20073	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20075	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20076	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20077	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20080	68105	8	5E-05	3E+00	4E-01	--	--	--	4E-01	4E-03	--	3E+00	--	--	--	4E-02	3E+02	--	3E+02
20085	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20088	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20089	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20092	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20094	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20095	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20097	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20098	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20099	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20101	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20102	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20105	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
20108	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20110	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+02	--	3E+02
20112	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20113	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20116	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20119	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20120	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20121	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20125	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20126	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20128	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
20131	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20134	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20135	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20138	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20140	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20141	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20143	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20147	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20150	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20152	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20153	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20155	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20156	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20159	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20166	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20170	68105	8	6E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	3E+02	--	3E+02
20173	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20175	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20177	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20178	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20179	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20184	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20185	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20190	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20197	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20199	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20207	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20209	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20213	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20215	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20218	68105	8	6E-06	5E-01	5E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	3E+02	--	3E+02
20223	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20224	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20226	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20227	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20228	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20232	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20233	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20236	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
20238	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20245	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20246	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20247	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20248	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20249	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20250	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20251	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20257	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20259	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20263	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20265	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20268	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20270	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20271	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20273	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20278	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20288	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20290	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20291	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20293	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20295	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20296	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20299	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20300	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20301	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20305	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20306	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20307	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20310	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20312	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20313	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	7E-01	--	--	--	4E-02	3E+02	--	3E+02
20315	68105	8	8E-06	8E-01	9E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	3E+02	--	3E+02
20321	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20322	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20323	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20325	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20326	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20328	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20329	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20330	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20331	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20334	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20338	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20339	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20340	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20342	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
20343	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20351	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20362	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20364	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20379	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20384	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20385	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20391	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20392	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20394	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20397	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20398	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20403	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20409	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20411	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20414	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20415	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20420	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
20422	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20423	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20426	68105	8	3E-05	2E+00	2E-01	--	--	--	1E-01	8E-03	--	2E+00	--	--	--	1E-02	3E+02	--	3E+02
20428	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20434	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20440	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20441	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20442	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20447	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20448	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20452	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+02	--	3E+02
20453	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20454	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
20455	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20458	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20460	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20461	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20462	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20470	68105	8	1E-05	8E-01	8E-02	--	--	--	1E-01	3E-03	--	6E-01	--	--	--	2E-02	3E+02	--	3E+02
20471	68105	7	4E-06	3E-01	4E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	3E+02	--	3E+02
20472	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20473	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20474	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20477	68105	8	2E-05	2E+00	2E-01	--	--	--	1E-01	3E-02	--	1E+00	--	--	--	1E-02	4E+02	--	4E+02
20479	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20480	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20481	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20483	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20488	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20494	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20495	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20503	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20506	68105	8	2E-05	2E+00	2E-01	--	--	--	1E+00	3E-03	--	9E-01	--	--	--	1E-01	4E+02	--	4E+02
20507	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20508	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20509	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20510	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
20512	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20513	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20519	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20520	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20526	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20527	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20531	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20533	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20535	68105	8	3E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
20537	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20539	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20540	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20544	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20545	68105	8	3E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	5E-02	4E+02	--	4E+02
20547	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20549	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20550	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20553	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20557	68105	8	8E-06	6E-01	6E-02	--	--	--	1E-01	6E-03	--	5E-01	--	--	--	1E-02	4E+02	--	4E+02
20559	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20560	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20562	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20563	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20565	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20566	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20568	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20572	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20578	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20584	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	4E+02	--	4E+02
20587	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20590	68105	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	4E+02	--	4E+02
20591	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20593	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20594	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20595	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20598	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20602	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20603	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
20605	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20607	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20609	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20610	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	4E+02	--	4E+02
20611	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20612	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
20614	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20616	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20618	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20619	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20622	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20625	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20628	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20630	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20634	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20636	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20637	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20641	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20646	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20647	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20648	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20649	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20650	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20651	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20652	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20653	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20656	68105	8	1E-05	9E-01	1E-01	--	--	--	4E-01	3E-03	--	6E-01	--	--	--	4E-02	4E+02	--	4E+02
20657	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20659	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20662	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20663	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20665	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20666	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20668	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20672	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20673	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20674	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	4E+02	--	4E+02
20678	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20680	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20681	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20683	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20684	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20685	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
20686	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20687	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20691	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20696	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20701	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20702	68105	8	8E-06	8E-01	9E-02	--	--	--	4E-01	3E-03	--	5E-01	--	--	--	4E-02	4E+02	--	4E+02
20706	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20707	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20708	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20709	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20710	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20711	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20713	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20716	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20717	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20718	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20720	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20721	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20723	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20725	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20730	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20735	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20739	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20743	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20748	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20751	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20753	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20754	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20756	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20757	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20759	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
20760	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20763	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20764	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20765	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20768	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20769	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20770	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20772	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20774	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20776	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20777	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	4E+02	--	4E+02
20787	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20790	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20796	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20797	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20798	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20800	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20801	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20805	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20807	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20809	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20810	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20814	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20815	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20817	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20823	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
20824	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20826	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20829	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20833	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20836	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20838	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20843	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20845	68105	8	7E-07	4E-01	4E-02	--	--	--	3E-01	5E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
20848	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20850	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20851	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20852	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20853	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20854	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20855	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20856	68105	8	8E-06	6E-01	6E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	4E+02	--	4E+02
20858	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20859	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20860	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20863	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20867	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20868	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20869	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20871	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20872	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20877	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20879	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20882	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20883	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
20884	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20886	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20888	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20889	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20892	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20893	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20894	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20895	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20896	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20897	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20899	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20900	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20901	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20902	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20906	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20907	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20908	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
20909	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20911	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20914	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20916	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20917	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20921	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20923	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20925	68105	8	3E-06	7E-01	8E-02	--	--	--	6E-01	9E-03	--	2E-01	--	--	--	6E-02	4E+02	--	4E+02
20927	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20928	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20930	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20933	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20935	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20936	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20937	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20942	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20943	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20944	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20945	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
20946	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20947	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20948	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20949	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20955	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20956	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20958	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20961	68105	8	2E-05	1E+00	1E-01	--	--	--	1E-01	4E-03	--	1E+00	--	--	--	2E-02	4E+02	--	4E+02
20962	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20963	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20964	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	4E+02	--	4E+02
20966	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20967	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20969	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20977	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20980	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20983	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20985	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20987	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20990	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20994	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20997	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20999	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21000	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21005	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21007	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21008	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21009	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21012	68105	8	5E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	4E+02	--	4E+02
21015	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21018	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21019	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21022	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21025	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21028	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21031	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21034	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21036	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21037	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21038	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21041	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21042	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21043	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21047	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21048	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21049	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21051	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21052	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21053	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	4E+02	--	4E+02
21054	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21055	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21056	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21057	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21058	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21060	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21061	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21064	68105	8	6E-06	7E-01	8E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	4E+02	--	4E+02
21068	68105	8	4E-05	2E+00	2E-01	--	--	--	1E-01	5E-03	--	2E+00	--	--	--	2E-02	4E+02	--	4E+02
21071	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21073	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21076	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21077	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21079	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21080	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21082	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21083	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21086	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21087	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21088	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21089	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21092	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21093	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21095	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21096	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21097	68105	8	3E-06	4E-01	4E-02	--	--	--	2E-01	5E-03	--	2E-01	--	--	--	2E-02	4E+02	--	4E+02
21098	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21099	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21101	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21102	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21105	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21106	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21107	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21108	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21109	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21110	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	2E-02	4E+02	--	4E+02
21111	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21112	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21115	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21116	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21117	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21120	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21124	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21129	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21130	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21132	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21133	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21136	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	4E+02	--	4E+02
21138	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21140	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21141	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21143	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
21144	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21147	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21148	68105	8	7E-07	6E-01	6E-02	--	--	--	5E-01	3E-03	--	4E-02	--	--	--	6E-02	4E+02	--	4E+02
21149	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21150	68105	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
21151	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21152	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21153	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21167	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21169	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21170	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21171	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21173	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21178	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21185	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21186	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21191	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21192	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21193	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21195	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21201	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21202	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21203	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21206	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21209	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21212	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21213	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21214	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21215	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21216	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21218	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21219	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21220	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21221	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21223	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21225	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21226	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21230	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21231	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21239	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21247	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21251	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21257	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21258	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21260	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21261	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21264	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21265	68105	8	2E-05	2E+00	2E-01	--	--	--	4E-01	6E-03	--	1E+00	--	--	--	4E-02	4E+02	--	4E+02
21266	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21267	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21268	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
21269	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21272	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21273	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21274	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21276	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21277	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21279	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21280	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21281	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21283	68105	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	4E+02	--	4E+02
21285	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21286	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21287	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21288	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21289	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21293	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21294	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21296	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21297	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21298	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21300	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21301	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21302	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21303	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21304	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21305	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21307	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21309	68105	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	4E+02	--	4E+02
21310	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21311	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21312	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21313	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21316	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21317	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21318	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21319	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21321	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21322	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21324	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21325	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21326	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21328	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21329	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21330	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21332	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21333	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21335	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21336	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21339	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21340	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21342	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21345	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21348	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21349	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21352	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21354	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21355	68105	7	4E-06	3E-01	4E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	4E+02	--	4E+02
21356	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21358	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21361	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21362	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21364	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21365	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21368	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21369	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21371	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21374	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21375	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21376	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21377	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21378	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21380	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21382	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21385	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21386	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21388	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21390	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21394	68105	8	7E-06	5E-01	6E-02	--	--	--	1E-01	2E-03	--	4E-01	--	--	--	2E-02	4E+02	--	4E+02
21403	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21405	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21410	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21411	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21415	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21418	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21419	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21420	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21424	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21425	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
21430	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21431	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21436	68105	8	7E-07	5E-01	5E-02	--	--	--	5E-01	6E-03	--	4E-02	--	--	--	5E-02	4E+02	--	4E+02
21438	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21446	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21448	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21449	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21450	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21451	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21453	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21454	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21459	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21460	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21466	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21471	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21472	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21474	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21475	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21476	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21477	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21478	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21480	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21481	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21483	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21484	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21485	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21486	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21489	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21490	68105	8	1E-06	2E-01	2E-02	--	--	--	1E-01	1E-02	--	7E-02	--	--	--	1E-02	4E+02	--	4E+02
21491	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21492	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21493	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21494	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21495	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21496	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21497	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21498	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21499	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21501	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21503	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21505	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21507	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21509	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21513	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21516	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21517	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21519	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21524	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21525	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21527	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21528	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21529	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21530	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21531	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21533	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21535	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21536	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21538	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21539	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21540	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21542	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21543	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21544	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21545	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21546	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21548	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21549	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21550	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21551	68105	8	1E-05	9E-01	1E-01	--	--	--	4E-01	3E-03	--	6E-01	--	--	--	4E-02	4E+02	--	4E+02
21558	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21559	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21560	68105	8	5E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	2E-02	4E+02	--	4E+02
21561	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21562	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21563	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21565	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
21566	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21567	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21570	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21571	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21574	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21577	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21578	68105	8	3E-05	2E+00	2E-01	--	--	--	4E-01	7E-03	--	2E+00	--	--	--	4E-02	4E+02	--	4E+02
21580	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21581	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21583	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21584	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21585	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21586	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21589	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21591	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21594	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21596	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21597	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21600	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21601	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21602	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21604	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21605	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21606	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21608	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21609	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
21610	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21612	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21613	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21614	68105	8	5E-06	4E-01	5E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	2E-02	4E+02	--	4E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21615	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21616	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21617	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21619	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21621	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21623	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21625	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21630	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21632	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21633	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21634	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21636	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21638	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21639	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21640	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21641	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21643	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21645	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21646	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21649	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21653	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21654	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21655	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21657	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21658	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21660	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21662	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21663	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21665	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21667	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21669	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21672	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21673	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21674	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21675	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21676	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21677	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
21678	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21687	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21688	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21689	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
21690	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21691	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21692	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21693	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21698	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21699	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21700	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21701	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21704	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21705	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21706	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21707	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21708	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21709	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21710	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21711	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21713	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21714	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21715	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21718	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21719	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21720	68105	8	3E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21722	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21723	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21724	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21725	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21727	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21728	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21730	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
21734	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21735	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21736	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21739	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21740	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21742	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21744	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	5E-02	4E+02	--	4E+02
21745	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21747	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21749	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21750	68105	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
21751	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21752	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21753	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21754	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21755	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21758	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21759	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21760	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21761	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21764	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21766	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21768	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21770	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21772	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21773	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21776	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21777	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21778	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21779	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21782	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21783	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21786	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21788	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21789	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21790	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21793	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21794	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21795	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21799	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21800	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21801	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21804	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21807	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21811	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
21812	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21814	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21815	68105	8	7E-07	5E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21816	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21817	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21818	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21820	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21822	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	4E+02	--	4E+02
21823	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21824	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21825	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21827	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21828	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21831	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21832	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21836	68105	8	2E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	9E-01	--	--	--	4E-02	4E+02	--	4E+02
21838	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21840	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21841	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21844	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21847	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21849	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21850	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21853	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21854	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21855	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21857	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21858	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21859	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21860	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21864	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21865	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21866	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21867	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21868	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21869	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21873	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21874	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21875	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21877	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21878	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21880	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21881	68105	7	5E-07	1E-01	1E-02	--	--	--	--	5E-03	--	3E-02	--	--	--	--	4E+02	--	4E+02
21882	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21883	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21884	68105	8	1E-06	4E-01	5E-02	--	--	--	4E-01	5E-03	--	8E-02	--	--	--	4E-02	4E+02	--	4E+02
21885	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21887	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21888	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21889	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21893	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21895	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21896	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21900	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21901	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21903	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21904	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21908	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21911	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21912	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21913	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21915	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21916	68105	8	2E-06	3E-01	3E-02	--	--	--	2E-01	3E-03	--	1E-01	--	--	--	2E-02	4E+02	--	4E+02
21921	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21923	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21925	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21926	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21927	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21928	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21929	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21930	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21931	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21933	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21934	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21936	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21937	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21938	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21941	68105	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
21944	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
21946	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21948	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21951	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21952	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21954	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21956	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
21961	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21962	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21965	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21966	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21967	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21969	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21971	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21979	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21980	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21981	68105	8	2E-05	2E+00	2E-01	--	--	--	4E-01	9E-03	--	1E+00	--	--	--	4E-02	4E+02	--	4E+02
21983	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21985	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
21986	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21989	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	4E+02	--	4E+02
21990	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21991	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21993	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21995	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21996	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21997	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21998	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21999	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22001	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22004	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22005	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22006	68105	7	4E-06	3E-01	4E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	4E+02	--	4E+02
22007	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22008	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22009	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22010	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22013	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
22014	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22015	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22017	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22018	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22019	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22021	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22022	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22024	68105	8	6E-06	5E-01	6E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	4E+02	--	4E+02
22025	68105	8	2E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
22026	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22027	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
22028	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22030	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22031	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22034	68105	8	2E-05	2E+00	2E-01	--	--	--	4E-01	5E-03	--	1E+00	--	--	--	4E-02	4E+02	--	4E+02
22036	68105	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	4E+02	--	4E+02
22037	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22039	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
22040	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22041	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22042	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22043	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22044	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	7E-01	--	--	--	4E-02	4E+02	--	4E+02
22046	68105	8	3E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
22049	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22052	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22053	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22054	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22055	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22056	68105	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
22057	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22058	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22060	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22061	68105	8	9E-06	9E-01	1E-01	--	--	--	4E-01	4E-03	--	5E-01	--	--	--	4E-02	4E+02	--	4E+02
22065	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22069	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22070	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22072	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22073	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22074	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	4E+02	--	4E+02
22076	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22077	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22079	68105	8	9E-06	9E-01	9E-02	--	--	--	4E-01	5E-03	--	5E-01	--	--	--	4E-02	4E+02	--	4E+02
22080	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
22081	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22084	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22085	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22089	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22091	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22092	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22093	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22097	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22098	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22101	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22102	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22105	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22106	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22109	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22114	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22117	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22119	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22120	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22121	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22124	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22128	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22129	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22131	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22133	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22135	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22138	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22139	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22141	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22142	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22143	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22145	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22147	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22148	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22149	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22152	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22153	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22154	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22161	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22162	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22163	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22164	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22165	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22167	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22170	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22171	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22172	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22173	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22174	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22175	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22177	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	4E+02	--	4E+02
22179	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22180	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22181	68105	8	3E-06	3E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	4E+02	--	4E+02
22182	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22183	68105	7	3E-06	2E-01	3E-02	--	--	--	--	6E-03	--	1E-01	--	--	--	--	5E+02	--	5E+02
22184	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22185	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22186	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22189	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22191	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22192	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22193	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22199	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22204	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22208	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22209	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22210	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22211	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22212	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22215	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22216	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22217	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22223	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22226	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22227	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22229	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22230	68105	8	1E-05	1E+00	2E-01	--	--	--	9E-01	5E-03	--	6E-01	--	--	--	9E-02	5E+02	--	5E+02
22231	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22232	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22233	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22234	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22237	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22238	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22240	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22242	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22243	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22244	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22246	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22247	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22249	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22250	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22252	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22255	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22258	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22259	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22262	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22266	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22267	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22273	68105	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	5E+02	--	5E+02
22275	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22276	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22277	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22279	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22280	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22284	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22286	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22290	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22293	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22295	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
22298	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22300	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22303	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22311	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
22317	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22318	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22320	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-02	--	1E-01	--	--	--	1E-02	5E+02	--	5E+02
22325	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22326	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22329	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22330	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22331	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22332	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22334	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22337	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22339	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22344	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
22345	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22346	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22348	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22352	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22353	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22356	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22357	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22358	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	5E+02	--	5E+02
22359	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22361	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22362	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22363	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22365	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22367	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22370	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22372	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22373	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22377	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22378	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22382	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22383	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22384	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22385	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22386	68105	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
22387	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22389	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22390	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22391	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22393	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22398	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22399	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
22400	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22401	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22402	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22404	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22405	68105	7	4E-06	4E-01	4E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	5E+02	--	5E+02
22406	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22407	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22408	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22410	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22414	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22416	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22421	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22425	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22426	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22429	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22432	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22434	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22435	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22436	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22441	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22442	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22443	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22444	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22446	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22448	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22449	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22450	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22453	68105	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	5E+02	--	5E+02
22458	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22459	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22460	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22461	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22462	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22463	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22465	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22466	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22467	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22473	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22474	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22475	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22480	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22482	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22483	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22484	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22488	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22490	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22491	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22496	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22498	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22501	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22502	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22503	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22505	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22506	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22507	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22510	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22512	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22515	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22519	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22521	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22524	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22525	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22526	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22528	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22529	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22530	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22531	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22532	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22536	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22537	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22539	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22542	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22544	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22545	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22546	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22547	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22549	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22550	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22553	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22559	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22560	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22561	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22562	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22563	68105	8	3E-06	4E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
22564	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22566	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22567	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22568	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22571	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22574	68105	8	5E-06	7E-01	7E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	5E+02	--	5E+02
22577	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22586	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22587	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22600	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22601	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22604	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22606	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22609	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22610	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22613	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22618	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22621	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22622	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22623	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22624	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22631	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22633	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22634	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22636	68105	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	8E-01	--	--	--	4E-02	5E+02	--	5E+02
22650	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22654	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22659	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22660	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22661	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22662	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22665	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22667	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22669	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22670	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22672	68105	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
22673	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22675	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22678	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22684	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22685	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22687	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22691	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
22692	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22693	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22695	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22704	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22710	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22715	68105	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
22716	68105	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	5E-02	5E+02	--	5E+02
22718	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22720	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22721	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22723	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22726	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22733	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22737	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22739	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22741	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22742	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22744	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22748	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22751	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22752	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22754	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	5E+02	--	5E+02
22755	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22756	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22757	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22760	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22761	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22765	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22767	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22769	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22772	68105	8	4E-06	4E-01	5E-02	--	--	--	2E-01	5E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
22777	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22778	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22785	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22787	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22792	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22796	68105	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22799	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22802	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22804	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22806	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22816	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22825	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22827	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22831	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22832	68105	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	5E+02	--	5E+02
22861	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22884	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22893	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49266	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49271	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49272	68105	8	2E-05	1E+00	1E-01	--	--	--	1E-01	5E-03	--	1E+00	--	--	--	1E-02	5E+02	--	5E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49288	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49289	68105	8	1E-05	9E-01	1E-01	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	5E+02	--	5E+02
50443	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50473	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50474	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50528	68105	8	4E-05	2E+00	3E-01	--	--	--	1E-01	4E-03	--	2E+00	--	--	--	1E-02	5E+02	--	5E+02
50541	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50554	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50574	68105	8	9E-06	9E-01	1E-01	--	--	--	4E-01	3E-03	--	5E-01	--	--	--	4E-02	5E+02	--	5E+02
50646	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52326	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
66821	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
80194	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
87914	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
87915	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
87927	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
87941	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
88153	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
88154	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
89809	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90028	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90427	68105	8	2E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	5E-02	5E+02	--	5E+02
91239	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93073	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
93118	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93119	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93120	68105	8	2E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	5E+02	--	5E+02
93121	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93122	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93349	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93350	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93351	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93352	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93353	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93354	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
93355	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93356	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93357	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93358	68105	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	5E+02	--	5E+02
93359	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93360	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93361	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93362	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93363	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93364	68105	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
93365	68105	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
93366	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
93367	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93368	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93373	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93378	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93379	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93380	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93381	68105	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
93382	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93523	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93524	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93525	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93559	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49152	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49531	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49533	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49534	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51004	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51005	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51006	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51008	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51011	68106	8	3E-06	6E-01	7E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
51012	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51013	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51014	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51015	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51016	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51017	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51018	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51019	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51020	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51022	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51024	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51025	68106	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51026	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51027	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51028	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51029	68106	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	5E+02	--	5E+02
51030	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51031	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51033	68106	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51034	68106	8	1E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	6E-02	--	--	--	2E-02	5E+02	--	5E+02
51035	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51036	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51037	68106	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	6E-02	--	--	--	1E-02	5E+02	--	5E+02
51038	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51039	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51040	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51041	68106	8	7E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	5E+02	--	5E+02
51043	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51045	68106	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51046	68106	8	4E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
51047	68106	8	4E-05	3E+00	3E-01	--	--	--	4E-01	2E-03	--	3E+00	--	--	--	4E-02	5E+02	--	5E+02
51048	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51049	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51050	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51052	68106	8	2E-05	1E+00	1E-01	--	--	--	4E-01	8E-03	--	9E-01	--	--	--	4E-02	5E+02	--	5E+02
51053	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51054	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51056	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51057	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51058	68106	8	1E-05	9E-01	1E-01	--	--	--	4E-01	3E-03	--	5E-01	--	--	--	4E-02	5E+02	--	5E+02
51059	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51061	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51062	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51064	68106	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	5E+02	--	5E+02
51065	68106	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	5E+02	--	5E+02
51066	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51067	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51068	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51069	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51070	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51071	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51072	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51073	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51074	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51075	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51076	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51077	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51078	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51079	68106	8	1E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	6E-02	--	--	--	1E-02	5E+02	--	5E+02
51080	68106	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
51082	68106	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
51083	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51084	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51085	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51086	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51087	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51088	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51089	68106	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	5E-02	5E+02	--	5E+02
51090	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51091	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51092	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51093	68106	8	9E-06	7E-01	7E-02	--	--	--	1E-01	2E-03	--	5E-01	--	--	--	1E-02	5E+02	--	5E+02
51094	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51095	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51097	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51098	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51099	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51100	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51101	68106	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
51102	68106	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	1E-02	5E+02	--	5E+02
51103	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51104	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51105	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51106	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51107	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51108	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51109	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51110	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51111	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51113	68106	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
51114	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51115	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51116	68106	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
51117	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51118	68106	8	3E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	1E+00	--	--	--	4E-02	5E+02	--	5E+02
51119	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51120	68106	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
51121	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51122	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51123	68106	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	5E+02	--	5E+02
51124	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51125	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51126	68106	8	4E-05	2E+00	3E-01	--	--	--	4E-01	6E-03	--	2E+00	--	--	--	4E-02	5E+02	--	5E+02
51127	68106	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
51129	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51130	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51131	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51132	68106	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
51133	68106	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	5E+02	--	5E+02
51134	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51135	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51136	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51138	68106	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51139	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51141	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51142	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51143	68106	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
51144	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51145	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51146	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51147	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51148	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51149	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51150	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51151	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51153	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51155	68106	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	6E-02	--	--	--	2E-02	5E+02	--	5E+02
51156	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51157	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51158	68106	8	2E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	1E+00	--	--	--	4E-02	5E+02	--	5E+02
51159	68106	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51160	68106	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	5E+02	--	5E+02
51161	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51162	68106	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	5E+02	--	5E+02
51163	68106	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
51164	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51165	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51166	68106	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51168	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51169	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51170	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51172	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51173	68106	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51174	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51175	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51176	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51178	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51179	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51180	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51181	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51182	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51183	68106	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51184	68106	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	5E+02	--	5E+02
51185	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51187	68106	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51188	68106	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
7	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
40	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
56	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
57	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
79	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
81	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
83	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
85	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
87	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
88	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
99	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
106	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
125	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
174	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
409	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
503	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
506	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
629	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
904	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
924	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
930	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
994	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1013	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1057	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1072	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1083	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1084	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1093	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1095	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1099	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1104	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1106	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1122	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1123	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1133	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1140	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1164	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1183	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1196	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1203	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1210	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1215	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1222	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1224	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1226	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1234	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1235	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1236	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1239	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1243	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1256	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1274	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1279	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1281	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1290	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1291	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1316	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1318	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1321	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1322	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1326	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1328	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1332	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1344	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1347	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1348	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1349	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1355	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1356	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1357	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1359	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1362	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1363	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1364	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1370	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1374	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1384	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1385	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1401	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1414	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1417	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1455	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1463	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
1465	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
1467	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
1470	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1475	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1477	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1478	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1492	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1496	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1504	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1506	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1547	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1548	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1607	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1611	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1614	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1615	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1624	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1625	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1631	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1632	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
2001	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2030	68107	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
2033	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2038	68107	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	1E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
2056	68107	8	2E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	5E+02	--	5E+02
2059	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2068	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2096	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2104	68107	13	7E-07	6E-01	7E-02	5E-02	--	7E-02	4E-01	1E-02	7E-02	4E-02	6E-03	--	8E-03	4E-02	5E+02	--	5E+02
2124	68107	13	2E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	2E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
2167	68107	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	2E-03	1E-01	9E-02	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
2172	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2197	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2206	68107	13	1E-06	8E-01	8E-02	8E-02	--	1E-01	4E-01	6E-03	1E-01	8E-02	9E-03	--	1E-02	4E-02	5E+02	--	5E+02
2218	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
2220	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
2249	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2252	68107	13	5E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	3E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
2259	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2273	68107	13	2E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	4E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
2292	68107	13	2E-06	5E-01	6E-02	1E-01	--	1E-01	4E-02	2E-03	1E-01	1E-01	1E-02	--	1E-02	5E-03	5E+02	--	5E+02
2293	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2303	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2330	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2350	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2376	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2377	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2384	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2410	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
2444	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2477	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2478	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2479	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2483	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2485	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2490	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2492	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2494	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2496	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	8E-03	--	1E-01	--	--	--	1E-02	5E+02	--	5E+02
2497	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2498	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2499	68107	7	4E-06	3E-01	4E-02	--	--	--	--	9E-03	--	2E-01	--	--	--	--	5E+02	--	5E+02
2500	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2504	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2506	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2509	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2510	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2512	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2513	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2514	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3003	68107	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
3004	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3021	68107	13	2E-06	1E+00	1E-01	1E-01	--	2E-01	4E-01	5E-03	1E-01	1E-01	1E-02	--	2E-02	4E-02	5E+02	--	5E+02
3047	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3074	68107	13	1E-05	1E+00	1E-01	9E-02	--	9E-02	5E-02	3E-03	1E-01	8E-01	1E-02	--	1E-02	5E-03	5E+02	--	5E+02
3083	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
3121	68107	13	3E-06	6E-01	6E-02	1E-01	--	9E-02	4E-02	5E-03	2E-01	2E-01	1E-02	--	1E-02	4E-03	5E+02	--	5E+02
3157	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
3188	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3194	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3210	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
3223	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5005	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5010	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5064	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5065	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5066	68107	13	2E-06	8E-01	8E-02	8E-02	--	1E-01	4E-01	9E-03	1E-01	1E-01	9E-03	--	1E-02	4E-02	5E+02	--	5E+02
5067	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5068	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5069	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5070	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5071	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5072	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5073	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5076	68107	13	9E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	7E-03	1E-01	5E-01	1E-02	--	2E-02	4E-02	5E+02	--	5E+02
5077	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5130	68107	13	6E-06	1E+00	1E-01	2E-01	--	1E-01	4E-01	4E-03	1E-01	3E-01	2E-02	--	2E-02	4E-02	5E+02	--	5E+02
5131	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5157	68107	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	1E-02	1E-01	2E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5158	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5159	68107	13	2E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5160	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5161	68107	13	2E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	2E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5162	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5163	68107	13	2E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	2E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5164	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5165	68107	13	6E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	5E-03	1E-01	3E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5166	68107	13	2E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	1E-01	1E-02	--	2E-02	4E-02	5E+02	--	5E+02
5172	68107	13	3E-06	8E-01	9E-02	7E-02	--	1E-01	4E-01	6E-03	9E-02	2E-01	8E-03	--	1E-02	4E-02	5E+02	--	5E+02
5173	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5174	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5175	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5176	68107	13	4E-06	1E+00	1E-01	2E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	2E-02	--	1E-02	4E-02	5E+02	--	5E+02
5177	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5178	68107	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5179	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5180	68107	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	1E-02	--	2E-02	4E-02	5E+02	--	5E+02
5181	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5182	68107	13	7E-06	1E+00	1E-01	9E-02	--	1E-01	4E-01	3E-03	1E-01	4E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5183	68107	13	3E-06	8E-01	9E-02	9E-02	--	1E-01	4E-01	3E-03	1E-01	2E-01	9E-03	--	1E-02	4E-02	5E+02	--	5E+02
5184	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5185	68107	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5209	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5210	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5211	68107	13	2E-06	8E-01	8E-02	9E-02	--	9E-02	4E-01	3E-03	1E-01	9E-02	9E-03	--	1E-02	4E-02	5E+02	--	5E+02
5212	68107	13	2E-06	8E-01	9E-02	9E-02	--	1E-01	4E-01	2E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	5E+02	--	5E+02
5213	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5214	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10001	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10002	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10005	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10007	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10008	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
10009	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10010	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10011	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10015	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10016	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10018	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	5E+02	--	5E+02
10019	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10021	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10024	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10025	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10026	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10028	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10029	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10030	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10032	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10033	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10034	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10035	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10036	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10038	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10039	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10040	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10041	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10042	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10043	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10044	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	5E+02	--	5E+02
10045	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10046	68107	8	3E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	5E-02	6E+02	--	6E+02
10048	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10052	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10053	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10054	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10055	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10057	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10059	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10062	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10063	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10066	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10067	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10068	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10069	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10070	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10071	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10072	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10073	68107	8	6E-05	4E+00	4E-01	--	--	--	4E-01	8E-03	--	3E+00	--	--	--	4E-02	6E+02	--	6E+02
10074	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10075	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10076	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10077	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10078	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10079	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10083	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10087	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10088	68107	8	7E-06	7E-01	8E-02	--	--	--	4E-01	5E-03	--	4E-01	--	--	--	4E-02	6E+02	--	6E+02
10089	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10090	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10091	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10093	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10094	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10095	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10096	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10097	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10098	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10099	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10100	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10102	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10103	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10104	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10105	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10108	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10109	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10110	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10111	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	2E-02	6E+02	--	6E+02
10112	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10115	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10116	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10117	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10118	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10119	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10120	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10122	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10126	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10127	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10128	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10130	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	6E+02	--	6E+02
10131	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10133	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10134	68107	8	8E-06	8E-01	9E-02	--	--	--	4E-01	2E-03	--	4E-01	--	--	--	4E-02	6E+02	--	6E+02
10135	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10137	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10138	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10140	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10141	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10143	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10144	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10146	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10148	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10149	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10150	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10151	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10154	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10158	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10159	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10160	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10162	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10163	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10164	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10165	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10166	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10167	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10169	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10171	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10172	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10173	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10175	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10177	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10178	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10179	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10180	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10181	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10182	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10183	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10184	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10192	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10194	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10195	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10196	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10197	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10200	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10201	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10202	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10203	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10204	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10205	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10206	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10208	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10209	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10211	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10212	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10213	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10214	68107	8	2E-05	1E+00	1E-01	--	--	--	1E-01	5E-03	--	9E-01	--	--	--	1E-02	6E+02	--	6E+02
10215	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10218	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10222	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10223	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10224	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10225	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10226	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10227	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10229	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10230	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10231	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10232	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10233	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10236	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10237	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10239	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10240	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10241	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10242	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10243	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10244	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10246	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10247	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10248	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10249	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10251	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10252	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10253	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10254	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10256	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10257	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10258	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10259	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10260	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10261	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10262	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10263	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10264	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10265	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10266	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10269	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10272	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10273	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10274	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10275	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10276	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10277	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10279	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10280	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10281	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10283	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10286	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10288	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10289	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10290	68107	8	9E-07	2E-01	2E-02	--	--	--	1E-01	8E-03	--	5E-02	--	--	--	2E-02	6E+02	--	6E+02
10291	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10293	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10294	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10295	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	6E+02	--	6E+02
10296	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10297	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10298	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10299	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10300	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10301	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10302	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10303	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10304	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10305	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10306	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10308	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10309	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10310	68107	8	2E-05	2E+00	2E-01	--	--	--	4E-01	8E-03	--	1E+00	--	--	--	4E-02	6E+02	--	6E+02
10311	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10313	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10314	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10315	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10316	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10317	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10318	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10320	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10322	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10324	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10326	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10327	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10328	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	6E+02	--	6E+02
10329	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10330	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10331	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10332	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10333	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10334	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10337	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10338	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10339	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10340	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10342	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10343	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10344	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10345	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10346	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10347	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10348	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10349	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10351	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10352	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10353	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10354	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10356	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10358	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10359	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10360	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10362	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10364	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10367	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10369	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10370	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10371	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10372	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10374	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10375	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10376	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10377	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10378	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10381	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10382	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10383	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10385	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10386	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10387	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10388	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10389	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10390	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10392	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10394	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10395	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10396	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10397	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10398	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10401	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	8E-01	--	--	--	4E-02	6E+02	--	6E+02
10402	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10403	68107	8	3E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	6E+02	--	6E+02
10404	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10405	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10407	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10408	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10409	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10410	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10412	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10413	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10414	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10415	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10416	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10417	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10418	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10419	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10421	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10422	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10425	68107	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	1E+00	--	--	--	2E-02	6E+02	--	6E+02
10427	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10428	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10429	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10430	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10431	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10432	68107	8	7E-07	6E-01	7E-02	--	--	--	6E-01	5E-03	--	4E-02	--	--	--	6E-02	6E+02	--	6E+02
10433	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10434	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10436	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10437	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10438	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10439	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10440	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10441	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10443	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10445	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10447	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10449	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10450	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10451	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10452	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10453	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10454	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10455	68107	8	3E-05	2E+00	2E-01	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	6E+02	--	6E+02
10456	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10457	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10458	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10459	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10461	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10462	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10463	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10464	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10466	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10467	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10468	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10469	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10470	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10471	68107	8	1E-06	3E-01	4E-02	--	--	--	3E-01	1E-02	--	6E-02	--	--	--	3E-02	6E+02	--	6E+02
10472	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10473	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10474	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10475	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10478	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10480	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10481	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
10483	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10484	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10485	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10486	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10488	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10489	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10490	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10491	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10492	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10494	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10495	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10496	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10497	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10499	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10500	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	1E-01	--	--	--	1E-02	6E+02	--	6E+02
10501	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10503	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10504	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10505	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10506	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10508	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	1E-02	6E+02	--	6E+02
10510	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10511	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10512	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10513	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	6E+02	--	6E+02
10515	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10516	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10518	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10519	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10520	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10521	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10522	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10523	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10524	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10525	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10526	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10527	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10528	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10530	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10531	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10532	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10533	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10534	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10535	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10536	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10537	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10538	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10539	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10540	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10542	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10543	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10544	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10545	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10546	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10547	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10548	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10550	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10552	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10555	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10556	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10557	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10558	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10561	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10562	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10563	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10564	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10566	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10567	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10568	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10569	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10570	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10571	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10572	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10573	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10575	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10576	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10577	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10578	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	6E+02	--	6E+02
10579	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10580	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10581	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10582	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10583	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10584	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10585	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10587	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10588	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10589	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10591	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10592	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10597	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10598	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10599	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10600	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10601	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10604	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10607	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10608	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10609	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10610	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10611	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10612	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10613	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10614	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10615	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10616	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10617	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10618	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10619	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10620	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10622	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10623	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10624	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10627	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10628	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10630	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10633	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10634	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10636	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10637	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10638	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10639	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10640	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10642	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10644	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10645	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10646	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10647	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10648	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10649	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10650	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	9E-03	--	7E-02	--	--	--	1E-02	6E+02	--	6E+02
10651	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10652	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10653	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10654	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10655	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10657	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10658	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10660	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10661	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10662	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	6E+02	--	6E+02
10663	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10664	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10667	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10668	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10670	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10671	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10672	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10673	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10674	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10676	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10678	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10679	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10680	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10681	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10682	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10683	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10684	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10685	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10686	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10687	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10688	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10689	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10690	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10691	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10693	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10694	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10696	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10697	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10698	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10700	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10702	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10703	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10704	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10705	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10706	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10707	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10709	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10710	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10712	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10713	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10714	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10715	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10717	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10718	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10719	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10720	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10721	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10722	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10723	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10724	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10725	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10726	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10727	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10728	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10729	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10730	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10731	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10732	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10733	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10734	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10735	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	6E+02	--	6E+02
10736	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10737	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10738	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10741	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10742	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10743	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10744	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10745	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10747	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10748	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10750	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10752	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10754	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10755	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10756	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10758	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10760	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10761	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10763	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10764	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10765	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10766	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10767	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10768	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10770	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10772	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10773	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10774	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10775	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10776	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
10777	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10779	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10780	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10781	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10783	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10784	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10786	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10787	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10788	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10789	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10790	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10791	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10792	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10793	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10794	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	6E+02	--	6E+02
10795	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10796	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10797	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10799	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10800	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10801	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10802	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10803	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10804	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
10805	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10807	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10808	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10809	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10813	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10814	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10816	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10817	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10819	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10820	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10821	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10822	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	6E+02	--	6E+02
10823	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10824	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10825	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10826	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10827	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10828	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10829	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10831	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10832	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10833	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10834	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10835	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10836	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10837	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10838	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10839	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10840	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10841	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10842	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	5E-02	6E+02	--	6E+02
10843	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10844	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10847	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10848	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	1E-02	6E+02	--	6E+02
10850	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10851	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10854	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10855	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10856	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10857	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10858	68107	8	6E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	6E+02	--	6E+02
10859	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10860	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	6E+02	--	6E+02
10861	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10862	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
10863	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10864	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10866	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10867	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10868	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10870	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10871	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10873	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10874	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10875	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10876	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10877	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	6E+02	--	6E+02
10880	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10881	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10882	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10883	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10884	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10885	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10886	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10887	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10889	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10890	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10891	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10894	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10895	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	6E+02	--	6E+02
10896	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10897	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10899	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10902	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10903	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10905	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10907	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
10908	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10909	68107	8	1E-05	9E-01	1E-01	--	--	--	1E-01	9E-03	--	8E-01	--	--	--	1E-02	6E+02	--	6E+02
10910	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10912	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10913	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10914	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	6E+02	--	6E+02
10915	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10916	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10918	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10919	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10920	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	2E-02	6E+02	--	6E+02
10921	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10923	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10924	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10925	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	6E+02	--	6E+02
10926	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10927	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10928	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10931	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	6E+02	--	6E+02
10932	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10933	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10934	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10935	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10937	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10938	68107	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	6E+02	--	6E+02
10941	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10943	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10944	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	6E+02	--	6E+02
10945	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10947	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
10948	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10949	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10950	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	6E+02	--	6E+02
10951	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10952	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
10953	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
10955	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10956	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10961	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10962	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10964	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10965	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10967	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10968	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10970	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10972	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10973	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10974	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10975	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
10977	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10978	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10979	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10982	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10985	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10986	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10988	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10989	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10990	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
10991	68107	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	6E+02	--	6E+02
10992	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10994	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
10995	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10998	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10999	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11000	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11002	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11003	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11004	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11005	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11006	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11008	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11009	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11010	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11011	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11012	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11013	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11014	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11016	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11017	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11020	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11021	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11023	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11024	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11025	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11026	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11029	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11030	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11031	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11033	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11034	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11035	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11036	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	6E+02	--	6E+02
11037	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11038	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11039	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11040	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11041	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11042	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11043	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11044	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11045	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11046	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11047	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11048	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11050	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11051	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11052	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11053	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11054	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11055	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11056	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11057	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11058	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11059	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11061	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11062	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11063	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11064	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11066	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11067	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11068	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11069	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
11070	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11071	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11074	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11078	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11080	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11082	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11083	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11084	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11085	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11086	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11087	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11088	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11089	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11090	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11091	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11092	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11094	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
11095	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
11096	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11097	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11098	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11100	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11101	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11103	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11104	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11105	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11106	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11107	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11110	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11112	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11113	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11114	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11115	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11116	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11118	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11119	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11122	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11123	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11125	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11126	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11128	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11129	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11130	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11131	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11133	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11134	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11135	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11136	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11137	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11139	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11140	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11141	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11142	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	6E+02	--	6E+02
11143	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11144	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11145	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11146	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
11147	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11148	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11149	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11150	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11151	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11152	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11153	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11154	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11155	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
11156	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11157	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11158	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11159	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11160	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11162	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11163	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11165	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11166	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11167	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11168	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11169	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11170	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11171	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11172	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11173	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11174	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11177	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11178	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11179	68107	8	6E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	6E+02	--	6E+02
11180	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11185	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11186	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11187	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11188	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11189	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11190	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11191	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	6E+02	--	6E+02
11192	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11193	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11194	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
11195	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11196	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11197	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11198	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11200	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11202	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11203	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11204	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11205	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11206	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11208	68107	8	6E-05	4E+00	4E-01	--	--	--	4E-01	3E-03	--	4E+00	--	--	--	4E-02	6E+02	--	6E+02
11209	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11210	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11211	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11212	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11213	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11214	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11215	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11216	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11218	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11219	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11220	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11221	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11222	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
11223	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11224	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11225	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11226	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11227	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11228	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11229	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11230	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	6E+02	--	6E+02
11231	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11232	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	6E+02	--	6E+02
11233	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11234	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11235	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11236	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11237	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11238	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11239	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11240	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11241	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
11242	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11243	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11245	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11246	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11248	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11249	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11250	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11251	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11252	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11253	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11254	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11256	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11257	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11258	68107	8	3E-06	3E-01	4E-02	--	--	--	2E-01	7E-03	--	2E-01	--	--	--	2E-02	6E+02	--	6E+02
11260	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11261	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11262	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11263	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11264	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11265	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11267	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11268	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11269	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11270	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11272	68107	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	6E+02	--	6E+02
11273	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11275	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11276	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11277	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11278	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11279	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11282	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11283	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	6E+02	--	6E+02
11285	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11286	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11287	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11288	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11289	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11291	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11293	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11294	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11296	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11297	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11298	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11299	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11300	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11301	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11302	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11303	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11305	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11306	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11308	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11309	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11311	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11312	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	6E+02	--	6E+02
11313	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11314	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11315	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11316	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11317	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11318	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11319	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11321	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	7E+02	--	7E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11322	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11323	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11324	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11326	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11327	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11329	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11330	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11331	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11332	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11333	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11334	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11335	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11336	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11337	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11338	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11339	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11340	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11341	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11342	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11343	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11345	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11346	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11347	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11348	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11349	68107	8	4E-05	2E+00	2E-01	--	--	--	1E-01	5E-03	--	2E+00	--	--	--	1E-02	7E+02	--	7E+02
11350	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11352	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11354	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11355	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11356	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11357	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11358	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11359	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11360	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11361	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11366	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11367	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
11368	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11369	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11370	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11371	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11372	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-02	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
11373	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11374	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11376	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11377	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11378	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11380	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11381	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11382	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11384	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11385	68107	8	5E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
11386	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11387	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
11388	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11389	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11390	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11391	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11392	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11393	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11395	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11396	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11397	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11398	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11399	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11400	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	5E-02	7E+02	--	7E+02
11401	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11402	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11403	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
11404	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11405	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11407	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11408	68107	8	8E-06	8E-01	9E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	7E+02	--	7E+02
11409	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11410	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
11411	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11413	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11414	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11415	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11416	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	4E-02	7E+02	--	7E+02
11417	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11418	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11419	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11420	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11421	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11422	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11423	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	7E+02	--	7E+02
11424	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11425	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11426	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11427	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11428	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11429	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11430	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11431	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11433	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11434	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11435	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11436	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11437	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11439	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	1E-01	--	--	--	2E-02	7E+02	--	7E+02
11440	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11441	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11442	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11443	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11444	68107	8	1E-05	1E+00	1E-01	--	--	--	1E-01	8E-03	--	6E-01	--	--	--	1E-02	7E+02	--	7E+02
11445	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11446	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11447	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11448	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11449	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11450	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11451	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11452	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11453	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11455	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11456	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11457	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11458	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11460	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11461	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11462	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11463	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11464	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11465	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	5E-02	7E+02	--	7E+02
11468	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11469	68107	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	2E-01	--	--	--	--	7E+02	--	7E+02
11471	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11472	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11473	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11474	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11475	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11476	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11477	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11478	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11479	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11480	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11482	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11483	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11484	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
11485	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11486	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11489	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11490	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11491	68107	7	7E-06	5E-01	5E-02	--	--	--	--	4E-03	--	4E-01	--	--	--	--	7E+02	--	7E+02
11492	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11493	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11494	68107	8	3E-05	2E+00	2E-01	--	--	--	4E-01	6E-03	--	2E+00	--	--	--	4E-02	7E+02	--	7E+02
11496	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11498	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11499	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11500	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11501	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11502	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11503	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11504	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11505	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11506	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11508	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11510	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11512	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11514	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11515	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11516	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11517	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11518	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11519	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11520	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11521	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11522	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11523	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	9E-02	--	--	--	4E-02	7E+02	--	7E+02
11525	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11526	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11527	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11529	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11530	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11531	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11533	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11534	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
11535	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11536	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11538	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11539	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11540	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11541	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11542	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11544	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11546	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11547	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11548	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11550	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11552	68107	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	7E+02	--	7E+02
11554	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11556	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11557	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11558	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11559	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11560	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11561	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11563	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11564	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11565	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11566	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11568	68107	8	3E-06	5E-01	6E-02	--	--	--	3E-01	1E-02	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11569	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11570	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11571	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11572	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11573	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11574	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11575	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11576	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11577	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11578	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11579	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11581	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11582	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11583	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11584	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11585	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11586	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11587	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11588	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11589	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11590	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11591	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11592	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11593	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11594	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11597	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11598	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11599	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11600	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11601	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11602	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11603	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11604	68107	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
11605	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11606	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11607	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11608	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11609	68107	8	6E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
11610	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11611	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11613	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11614	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11615	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11616	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11619	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11620	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11621	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11622	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11623	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11625	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11626	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11627	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11629	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11630	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11632	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11633	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11634	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11636	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11637	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11638	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11639	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11640	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11641	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11642	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11643	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11644	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11645	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
11646	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11647	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11648	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11649	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11652	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11653	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11655	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11658	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11659	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11660	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11661	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11662	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11663	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11664	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11665	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11666	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11668	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11671	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11674	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11675	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11676	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11677	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11678	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11680	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11682	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11684	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11686	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11687	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11689	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11690	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11691	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11692	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11693	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11695	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11696	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11697	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11698	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11699	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11700	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11701	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11703	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11705	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11706	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11707	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11708	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11710	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11711	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
11712	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11713	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11714	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11716	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11717	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11718	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11719	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11720	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11721	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11722	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11723	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11724	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11725	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11726	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11728	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11729	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11730	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11731	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11732	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11734	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11737	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11738	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11739	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11740	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11741	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	7E+02	--	7E+02
11744	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11745	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
11746	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11747	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11748	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11749	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11750	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11751	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11753	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11754	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11755	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11756	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11757	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11758	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11760	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11761	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11763	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11764	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11765	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11767	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11768	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11769	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11770	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11771	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11773	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11774	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11775	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11776	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11777	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
11778	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11779	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11780	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11781	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11782	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11785	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11786	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11787	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11788	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11791	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11792	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11793	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11795	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11796	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11797	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11798	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11799	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11800	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11802	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11803	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11804	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11805	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11806	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11807	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	7E+02	--	7E+02
11808	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11809	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11812	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11813	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11814	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11815	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11816	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11818	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11819	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11820	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11821	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11822	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11823	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11824	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11825	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11826	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11827	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11828	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11829	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11830	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11831	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11833	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11835	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11836	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11837	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11839	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11840	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11841	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11842	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
11843	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11844	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11846	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11848	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11849	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11851	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11852	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11853	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11854	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11855	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11858	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11859	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11861	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11862	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11865	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
11867	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11868	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11869	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11871	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11872	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11875	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11876	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11877	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11880	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11884	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11886	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11887	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11888	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11889	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11890	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11892	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11893	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11894	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
11895	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11896	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11897	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11898	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11900	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11901	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11902	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
11903	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11904	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11905	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11906	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11907	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11909	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11910	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	7E+02	--	7E+02
11913	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11914	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11915	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11916	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11918	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11919	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11920	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11921	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11922	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11923	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11924	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11925	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11926	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11927	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11928	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11929	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11930	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11931	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11932	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11935	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
11936	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11937	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11939	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11941	68107	8	3E-06	4E-01	4E-02	--	--	--	2E-01	6E-03	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
11945	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11946	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11947	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11948	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11949	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11950	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11951	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11952	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11953	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11955	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11956	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11958	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11959	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11960	68107	8	1E-06	4E-01	5E-02	--	--	--	4E-01	7E-03	--	8E-02	--	--	--	4E-02	7E+02	--	7E+02
11961	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11962	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11964	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11965	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11966	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11967	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11968	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11970	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11971	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11973	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11975	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11977	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11979	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11982	68107	8	7E-06	8E-01	9E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	7E+02	--	7E+02
11985	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11986	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11987	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11988	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11989	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11990	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11991	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11993	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11994	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11995	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11996	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11997	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11998	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
11999	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12000	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12002	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	9E-02	--	--	--	4E-02	7E+02	--	7E+02
12003	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12004	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12005	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12006	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12007	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12008	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12009	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12012	68107	8	6E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12014	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12015	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12016	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12017	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12018	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12019	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12020	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12021	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12022	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12024	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12025	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12026	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12030	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12031	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12032	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12034	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12035	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12036	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12037	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12038	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12039	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12041	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12042	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12043	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12044	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12047	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	5E-02	7E+02	--	7E+02
12048	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12049	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12050	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12051	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12052	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12053	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12054	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12055	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12056	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12057	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12058	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12059	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12060	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12061	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12062	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12067	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12068	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12071	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12074	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12075	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12076	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12077	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12078	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12080	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12081	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12082	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12084	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12085	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12086	68107	8	2E-06	5E-01	5E-02	--	--	--	3E-01	4E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
12087	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12088	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12090	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12091	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12092	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12093	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12094	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12095	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12096	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
12098	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12099	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12102	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12103	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12104	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12105	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12106	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12107	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12109	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12110	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12111	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12112	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12113	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12114	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12115	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12116	68107	8	1E-05	1E+00	1E-01	--	--	--	1E-01	5E-03	--	8E-01	--	--	--	2E-02	7E+02	--	7E+02
12118	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12119	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12121	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12122	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12124	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
12125	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12126	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	7E+02	--	7E+02
12127	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12129	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12131	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12132	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12133	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12134	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12135	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12136	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12137	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12138	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12139	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12141	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12142	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12143	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12144	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12146	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12147	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12148	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12149	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12151	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12152	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
12153	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12155	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12156	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12158	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12159	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12162	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12164	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12165	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12166	68107	8	6E-06	5E-01	6E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	2E-02	7E+02	--	7E+02
12167	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12168	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12169	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12170	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12171	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12172	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12173	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12175	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12178	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12179	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12180	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12181	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12182	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12184	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12186	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12187	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12190	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12191	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12192	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12194	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	7E+02	--	7E+02
12195	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12197	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12198	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12199	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12200	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12202	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12205	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12206	68107	8	9E-07	2E-01	2E-02	--	--	--	1E-01	5E-03	--	5E-02	--	--	--	1E-02	7E+02	--	7E+02
12209	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12211	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12214	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12215	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12217	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12218	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12220	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12221	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12222	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12223	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12224	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12226	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12227	68107	8	2E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	9E-01	--	--	--	4E-02	7E+02	--	7E+02
12228	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12231	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12232	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12233	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12234	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12238	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12239	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12240	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12242	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12243	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12245	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12246	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12247	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12249	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12254	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12255	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12256	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12257	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12258	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12260	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12261	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12262	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12263	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12264	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12265	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12266	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12268	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12269	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12270	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12271	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12272	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12273	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12275	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12277	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12278	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12279	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12280	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12281	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12282	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12283	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12285	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12286	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12288	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12289	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12290	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12291	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12292	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12294	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12295	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12296	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
12297	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12298	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12300	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12301	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12303	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12304	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12305	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12306	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12307	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12308	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12310	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12311	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12312	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12313	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12315	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12316	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12318	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12319	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12320	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12323	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12324	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12327	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12330	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12331	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12333	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12334	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12335	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12336	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12338	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
12339	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12341	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12342	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12343	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12344	68107	7	4E-06	3E-01	4E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	7E+02	--	7E+02
12345	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12346	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12350	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12351	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12354	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12355	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12356	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12358	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12360	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12362	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12363	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12364	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12365	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12366	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12371	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12372	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	7E+02	--	7E+02
12374	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12376	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12377	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12378	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12380	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12383	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12385	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12386	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12387	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12388	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12390	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12391	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12392	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12394	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12395	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12396	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12397	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12399	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12400	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12401	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12403	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12404	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12405	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12407	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12410	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12411	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12414	68107	8	4E-06	7E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12418	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12419	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12420	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12421	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12422	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12424	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12425	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12426	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12428	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12429	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
12430	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12431	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12432	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12433	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12437	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12439	68107	8	7E-07	6E-01	6E-02	--	--	--	5E-01	5E-03	--	4E-02	--	--	--	6E-02	7E+02	--	7E+02
12440	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12442	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12443	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12444	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12445	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12446	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12448	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12449	68107	7	5E-06	4E-01	4E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	7E+02	--	7E+02
12452	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12453	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12456	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12457	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	5E-02	7E+02	--	7E+02
12458	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12459	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12460	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12461	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12462	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12464	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12465	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12466	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12469	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12470	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12471	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12472	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12473	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12474	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12477	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12478	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12479	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12480	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12481	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12482	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12483	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12484	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12485	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12486	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12487	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12489	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12490	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12491	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12493	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12494	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12496	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12497	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12498	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12499	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12500	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12501	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12502	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12505	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12506	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12510	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12514	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12515	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12516	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12517	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12518	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12519	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12520	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12521	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12522	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12524	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12526	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12527	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12528	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12529	68107	8	2E-05	1E+00	2E-01	--	--	--	4E-01	7E-03	--	1E+00	--	--	--	4E-02	7E+02	--	7E+02
12530	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12535	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12537	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12538	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12539	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12541	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12544	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12545	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12546	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12547	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12548	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12549	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12550	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12551	68107	8	5E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12554	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12555	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12556	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12558	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12559	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12560	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12561	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12564	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12565	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12566	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12567	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12569	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12572	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12573	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12574	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12575	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12577	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12579	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12580	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12581	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12582	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12583	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12584	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12585	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12586	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12588	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12589	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12590	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12593	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12594	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12595	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12599	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12600	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12602	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12603	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12604	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12605	68107	7	3E-06	3E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	7E+02	--	7E+02
12606	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12609	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12610	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12611	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12612	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12613	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12614	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12615	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12617	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12618	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12623	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12624	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12625	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12626	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12627	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12628	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12632	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12636	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12644	68107	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	7E+02	--	7E+02
12645	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12647	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12648	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12649	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12652	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12653	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12654	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12655	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12656	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12657	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12659	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12661	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12663	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12665	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12666	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12667	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12668	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12670	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12671	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12674	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12676	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12677	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12678	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12679	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12682	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12684	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12685	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12687	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12688	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12690	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12691	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12692	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12694	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12697	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12699	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12701	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12707	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12709	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12710	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12711	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12713	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12714	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12716	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12718	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12721	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12723	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12725	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12726	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12727	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12729	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12732	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12733	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12735	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12736	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12737	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12738	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12739	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12740	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12741	68107	8	6E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	7E+02	--	7E+02
12742	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12744	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12747	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12748	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12749	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12751	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12753	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12755	68107	7	4E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	7E+02	--	7E+02
12759	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12760	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12761	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
12764	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12766	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12769	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12772	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12774	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
12783	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12785	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12787	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12789	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12791	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12792	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12794	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	7E+02	--	7E+02
12796	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12798	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12800	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12810	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12811	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12812	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12815	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12818	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12820	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12823	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12826	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12827	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12830	68107	8	4E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	7E+02	--	7E+02
12831	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12833	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12834	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12835	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12840	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12844	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12845	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12847	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12848	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	7E+02	--	7E+02
12850	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12851	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12856	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12858	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
12865	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12870	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12871	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
12874	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12876	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12877	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12879	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12884	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12885	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12888	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12891	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12893	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12894	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12897	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12898	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12901	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12902	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12903	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12907	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12908	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12910	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12911	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12912	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12913	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12914	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12915	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12916	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12920	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12921	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12927	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12929	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12934	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12944	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12948	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12951	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12954	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12959	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12970	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12979	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12981	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12985	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12988	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12989	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12990	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12992	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12993	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12994	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12997	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12998	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13004	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13006	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13018	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13021	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13022	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13024	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13026	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13028	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13037	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13038	68107	8	2E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	5E-02	8E+02	--	8E+02
13039	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13040	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13042	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13043	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13044	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13045	68107	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	2E-02	8E+02	--	8E+02
13051	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18847	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43664	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43665	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43666	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43667	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43668	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43669	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43671	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43673	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43674	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43675	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43676	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	8E+02	--	8E+02
43677	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43678	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43679	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43680	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43681	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43682	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43683	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43685	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43686	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43687	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43689	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43690	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43691	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
43692	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43693	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43694	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43695	68107	1	--	7E-04	8E-05	--	--	--	--	7E-04	--	--	--	--	--	--	8E-05	--	--
43696	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43698	68107	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	8E+02	--	8E+02
43699	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43700	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43701	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43702	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43703	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
43704	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43705	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43706	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43707	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43708	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43709	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43710	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43711	68107	7	4E-06	3E-01	4E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	8E+02	--	8E+02
43713	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43714	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43716	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43717	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43719	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43720	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43721	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43722	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43724	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43725	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43726	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43727	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43728	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
43729	68107	8	5E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	8E+02	--	8E+02
43730	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43731	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43732	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43733	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43734	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43735	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43736	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
43737	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43738	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43739	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43740	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43743	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43744	68107	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	9E-02	--	--	--	1E-02	8E+02	--	8E+02
43745	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43746	68107	8	8E-06	6E-01	6E-02	--	--	--	1E-01	3E-03	--	4E-01	--	--	--	1E-02	8E+02	--	8E+02
43747	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43748	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43749	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43750	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43752	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43753	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43755	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43758	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43759	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43760	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43761	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43762	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43764	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43765	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43766	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43768	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43769	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43771	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	8E+02	--	8E+02
43772	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43773	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43774	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43775	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43777	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43778	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43779	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43781	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43782	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
43783	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43784	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43785	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43786	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43787	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43789	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43790	68107	7	2E-06	2E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	8E+02	--	8E+02
43793	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	5E-02	8E+02	--	8E+02
43794	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43795	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43796	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43797	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43798	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43799	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43800	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	8E+02	--	8E+02
43802	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43803	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43805	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43806	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43807	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43808	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43809	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43810	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43811	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
43812	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43813	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	8E+02	--	8E+02
43815	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43816	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43817	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43818	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43819	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43820	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43822	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43823	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43824	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43825	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43826	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43827	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43828	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43829	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43830	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43831	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43832	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43833	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43834	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43836	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43838	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43839	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43843	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	8E+02	--	8E+02
43845	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43846	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43847	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43849	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43850	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43851	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43852	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43853	68107	7	4E-06	4E-01	4E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	8E+02	--	8E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43854	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43855	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43856	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43858	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43859	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43860	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43861	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
43862	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43863	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43865	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43866	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43869	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
43870	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43871	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43872	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43874	68107	7	5E-06	4E-01	4E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	8E+02	--	8E+02
43875	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43876	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43878	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43880	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
43881	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43882	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43884	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43886	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43888	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43889	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43890	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43891	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
43892	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	8E+02	--	8E+02
43893	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43894	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43895	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43896	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43897	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43901	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43903	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43904	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43905	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43906	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43907	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43908	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43909	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43910	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43911	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43912	68107	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	8E+02	--	8E+02
43913	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43914	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43916	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43917	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43918	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43919	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43920	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43921	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43922	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43924	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43925	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43926	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43927	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43928	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43929	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43930	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43931	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43933	68107	7	2E-06	2E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	8E+02	--	8E+02
43934	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43935	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43936	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43937	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43938	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43939	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43940	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43942	68107	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	8E+02	--	8E+02
43945	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	8E+02	--	8E+02
43946	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43949	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
43950	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43951	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43953	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43954	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43957	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43958	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43960	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43961	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43962	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
43963	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43964	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43965	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43966	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43967	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43968	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43969	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43970	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43971	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43974	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43975	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43976	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43977	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43978	68107	8	4E-05	3E+00	3E-01	--	--	--	4E-01	2E-03	--	2E+00	--	--	--	4E-02	8E+02	--	8E+02
43979	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43982	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43983	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43984	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43985	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43986	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43987	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
43988	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43989	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43991	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
43992	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43993	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43994	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43996	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
43998	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43999	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44000	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44001	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44002	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	8E+02	--	8E+02
44003	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44004	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44005	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44006	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44008	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44010	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44011	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44013	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44014	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44016	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44017	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44018	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44019	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44020	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44022	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44023	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44024	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44025	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	8E+02	--	8E+02
44026	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44028	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44029	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44031	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44032	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44033	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44034	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44035	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44037	68107	7	2E-06	2E-01	2E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	8E+02	--	8E+02
44039	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44040	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44041	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44042	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44044	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44046	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44047	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	8E+02	--	8E+02
44048	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44049	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44050	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44052	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44053	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44055	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44056	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44057	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44059	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44060	68107	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
44061	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44062	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44063	68107	7	2E-06	2E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	8E+02	--	8E+02
44064	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44065	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44066	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44067	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44068	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44069	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44070	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44072	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44073	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44074	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44075	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44076	68107	7	4E-06	4E-01	4E-02	--	--	--	--	1E-02	--	2E-01	--	--	--	--	8E+02	--	8E+02
44077	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44079	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44080	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44081	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44082	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44083	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44084	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44085	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44088	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44089	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44090	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44091	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44092	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44094	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44099	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44101	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44102	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44103	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44104	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44105	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44106	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44107	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44108	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44111	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44112	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44113	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44114	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44115	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44116	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44117	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44118	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44119	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44120	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44123	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44124	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44125	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44127	68107	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	1E+00	--	--	--	1E-02	8E+02	--	8E+02
44128	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44129	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44130	68107	8	3E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	4E-02	8E+02	--	8E+02
44131	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44132	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44133	68107	8	4E-06	7E-01	7E-02	--	--	--	5E-01	2E-03	--	2E-01	--	--	--	5E-02	8E+02	--	8E+02
44134	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44135	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44137	68107	8	8E-06	9E-01	9E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	8E+02	--	8E+02
44139	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44140	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44143	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44144	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44145	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44146	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44147	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44148	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44150	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44151	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44152	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
44153	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44155	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44156	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44157	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44158	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44160	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44161	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44162	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44163	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44164	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44165	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44166	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44167	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44169	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44170	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44171	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44173	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44174	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44176	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44177	68107	8	5E-06	4E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	2E-02	8E+02	--	8E+02
44178	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44179	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44180	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44181	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44182	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44183	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44184	68107	8	2E-06	5E-01	5E-02	--	--	--	3E-01	4E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44185	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44186	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44187	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44188	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44194	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44196	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44197	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44198	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44199	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44200	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44201	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44202	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44203	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44205	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44208	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44210	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44211	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44212	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44213	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44214	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44217	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44219	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44220	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	8E+02	--	8E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44221	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44222	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44224	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44225	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44227	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44228	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44230	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44231	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44233	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	8E+02	--	8E+02
44234	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44235	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44236	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44237	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44239	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44240	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44241	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44244	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44245	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44246	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44248	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44250	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44251	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44252	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44253	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44254	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44255	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44256	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44258	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44260	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44261	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44262	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44265	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44268	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44269	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44270	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44271	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44272	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44273	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44274	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44277	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44278	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44279	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44280	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44281	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44282	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44283	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44284	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44287	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44288	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44289	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44290	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44291	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44292	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44293	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44294	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44295	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44296	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44298	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44299	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44300	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44301	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44303	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44304	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44305	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44306	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44307	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44308	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44310	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44311	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44313	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44314	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44315	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44316	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44317	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44318	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44319	68107	8	1E-05	9E-01	1E-01	--	--	--	4E-01	2E-03	--	6E-01	--	--	--	4E-02	8E+02	--	8E+02
44320	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44321	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44323	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44324	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44325	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44327	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44328	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44329	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44330	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44331	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44332	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44334	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44337	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44339	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44341	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44344	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
44345	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44346	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44347	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44348	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44349	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44350	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44351	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44352	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44354	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44357	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44358	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44359	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44361	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44362	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44366	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44367	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44371	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44373	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44375	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44376	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44377	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44379	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44380	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44381	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44382	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44383	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44384	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44385	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44386	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44387	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44389	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44390	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44391	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44392	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44393	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44394	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44395	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44396	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44397	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44398	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44400	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44401	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44403	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44404	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44405	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44406	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44407	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44409	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44410	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44411	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44413	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44414	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44415	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44416	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44417	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44418	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44419	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44420	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44421	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44422	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44423	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44424	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44426	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44427	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44428	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
44429	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44431	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44432	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44433	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44436	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44437	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44439	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44441	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
44442	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44443	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44444	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44445	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44446	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	7E-01	--	--	--	4E-02	8E+02	--	8E+02
44448	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44449	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44450	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44451	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44452	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44453	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44454	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44455	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44456	68107	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	1E+00	--	--	--	1E-02	8E+02	--	8E+02
44457	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44458	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44459	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44460	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44463	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44464	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44465	68107	8	2E-05	1E+00	1E-01	--	--	--	1E-01	2E-03	--	1E+00	--	--	--	2E-02	8E+02	--	8E+02
44466	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44467	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44468	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44469	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44470	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44471	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44472	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44474	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44475	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44476	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44477	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44478	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44479	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44482	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44483	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	8E-01	--	--	--	4E-02	8E+02	--	8E+02
44484	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44486	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44487	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44489	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44490	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44491	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44492	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44493	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44494	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44496	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44498	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44500	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44501	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44502	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44503	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	8E+02	--	8E+02
44504	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44506	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44507	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44508	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44509	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44510	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44511	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44512	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44514	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44515	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44516	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44517	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44518	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44519	68107	8	3E-06	5E-01	6E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44520	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44521	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44522	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44523	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44525	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44526	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44527	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44528	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44529	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	7E-02	--	--	--	1E-02	8E+02	--	8E+02
44530	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44531	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44533	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44534	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44535	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44536	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44537	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44538	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44539	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44540	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44541	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44542	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44543	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44545	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44546	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44548	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44549	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44550	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44552	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44553	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44554	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44555	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44556	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	8E+02	--	8E+02
44557	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44558	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44559	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44560	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44562	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44564	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44565	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44566	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44567	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	8E+02	--	8E+02
44568	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44570	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44571	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44573	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44574	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44575	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44576	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44577	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44578	68107	8	2E-06	4E-01	5E-02	--	--	--	3E-01	3E-03	--	1E-01	--	--	--	3E-02	8E+02	--	8E+02
44579	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44580	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44581	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44582	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44584	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44585	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44588	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44589	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44590	68107	7	2E-06	2E-01	2E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	8E+02	--	8E+02
44591	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44592	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44595	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44597	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44600	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44604	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44605	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44606	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44607	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44608	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44609	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44610	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44611	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44612	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44613	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44614	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44615	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44616	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44617	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44618	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44619	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44620	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44621	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44623	68107	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	1E+00	--	--	--	1E-02	8E+02	--	8E+02
44624	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44625	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44626	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44627	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44630	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44631	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44632	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44633	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44635	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44636	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	8E+02	--	8E+02
44640	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44641	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44642	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44644	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	1E-02	8E+02	--	8E+02
44645	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44646	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44648	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44649	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44650	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44654	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44655	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44656	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44658	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44659	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44660	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44662	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44664	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44666	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44667	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44668	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	8E+02	--	8E+02
44669	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44671	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44672	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44673	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44674	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44675	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44677	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
44678	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44680	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44681	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44682	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44683	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44684	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44686	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44687	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44688	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44689	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44691	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44693	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44694	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44695	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44696	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44697	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44698	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44700	68107	8	1E-05	9E-01	9E-02	--	--	--	1E-01	4E-03	--	7E-01	--	--	--	1E-02	8E+02	--	8E+02
44701	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44702	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44704	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44705	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44706	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44709	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44710	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44711	68107	8	7E-07	7E-01	8E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	9E+02	--	9E+02

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44712	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44713	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44714	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44715	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44716	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44719	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44721	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44722	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44723	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44724	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44725	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
44726	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44727	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	9E+02	--	9E+02
44728	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44729	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44730	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44731	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44733	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44734	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44736	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44737	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44738	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	2E-02	9E+02	--	9E+02
44740	68107	8	2E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
44741	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
44742	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44743	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44744	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44745	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44747	68107	8	3E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
44748	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44749	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44751	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44752	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44753	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
44755	68107	8	1E-05	8E-01	9E-02	--	--	--	1E-01	4E-03	--	7E-01	--	--	--	2E-02	9E+02	--	9E+02
44756	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	9E+02	--	9E+02
44757	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44759	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44760	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44761	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44762	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44763	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44765	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44767	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44768	68107	8	2E-06	2E-01	3E-02	--	--	--	1E-01	4E-03	--	9E-02	--	--	--	1E-02	9E+02	--	9E+02
44769	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44771	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44772	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44773	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44774	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44776	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44777	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44778	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44779	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44780	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44781	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44783	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44784	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44785	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44786	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44788	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44789	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44790	68107	8	5E-06	4E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	9E+02	--	9E+02
44793	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44794	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44795	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44796	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44797	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44798	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-02	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
44799	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44800	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44801	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44802	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44803	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44804	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44805	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44806	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44807	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44808	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44809	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44810	68107	7	2E-06	2E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
44811	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44812	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44814	68107	8	6E-06	6E-01	7E-02	--	--	--	2E-01	6E-03	--	4E-01	--	--	--	3E-02	9E+02	--	9E+02
44816	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44817	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44820	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44821	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44822	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	9E+02	--	9E+02
44823	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44824	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44825	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44826	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44827	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44828	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44829	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44831	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44832	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44833	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44834	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44835	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44836	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44837	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44838	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44839	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44840	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44841	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44844	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44845	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44846	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44848	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44849	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44851	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44852	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44853	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44854	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
44855	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44856	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44857	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
44858	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44859	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44860	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44861	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44863	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44864	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44865	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44866	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44867	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
44869	68107	8	2E-06	4E-01	4E-02	--	--	--	3E-01	4E-03	--	1E-01	--	--	--	3E-02	9E+02	--	9E+02
44870	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44872	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44873	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44874	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44875	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44876	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44877	68107	8	5E-06	5E-01	5E-02	--	--	--	1E-01	9E-03	--	3E-01	--	--	--	1E-02	9E+02	--	9E+02
44879	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44880	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44881	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44882	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44883	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44884	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44885	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44886	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44887	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44890	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44891	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44892	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44893	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44894	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44895	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44896	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44897	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44898	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44899	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44900	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44901	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44902	68107	8	4E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
44903	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44904	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44906	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44907	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44908	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44910	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44911	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44912	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44915	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44916	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44917	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44918	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44919	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44921	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44923	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	9E+02	--	9E+02
44924	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44925	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44926	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44927	68107	7	2E-06	2E-01	2E-02	--	--	--	--	1E-02	--	1E-01	--	--	--	--	9E+02	--	9E+02
44928	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44929	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44930	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44931	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44932	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44934	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44935	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
44936	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44937	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44938	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44939	68107	7	3E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44942	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44943	68107	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
44944	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44945	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44946	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44947	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44948	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44949	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44950	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44952	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44953	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44954	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
44955	68107	8	9E-07	2E-01	2E-02	--	--	--	1E-01	2E-03	--	5E-02	--	--	--	1E-02	9E+02	--	9E+02
44957	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44958	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44959	68107	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
44961	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44962	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44963	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44965	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44966	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44967	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44968	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44969	68107	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
44970	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44971	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44972	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44974	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44975	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44976	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44977	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44978	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44979	68107	8	7E-06	6E-01	6E-02	--	--	--	1E-01	2E-03	--	4E-01	--	--	--	1E-02	9E+02	--	9E+02
44980	68107	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	2E-01	--	--	--	--	9E+02	--	9E+02
44981	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44983	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44984	68107	8	4E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	5E-02	9E+02	--	9E+02
44985	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44986	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
44987	68107	8	6E-06	5E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	9E+02	--	9E+02
44988	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44989	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
44990	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44991	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44992	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44993	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44994	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44996	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
44997	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
44999	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45000	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45001	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45002	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45004	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45005	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	4E-02	9E+02	--	9E+02
45006	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45007	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45008	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45009	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45011	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45012	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45013	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45014	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45015	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45017	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45018	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45020	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45021	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45022	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45023	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	9E+02	--	9E+02
45024	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45025	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45026	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45027	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45028	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45029	68107	1	--	9E-04	1E-04	--	--	--	--	9E-04	--	--	--	--	--	--	1E-04	--	--
45030	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45031	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45032	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45033	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45034	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	9E+02	--	9E+02
45036	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45038	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45040	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45041	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45042	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45043	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45044	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45046	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45047	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45048	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
45050	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45051	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45052	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45053	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45054	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45056	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45057	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45059	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45060	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45061	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45062	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45063	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45064	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45065	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45066	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45067	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45068	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45069	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45071	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45072	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45073	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45074	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45075	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45076	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45077	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45078	68107	8	3E-05	2E+00	2E-01	--	--	--	4E-01	2E-03	--	2E+00	--	--	--	4E-02	9E+02	--	9E+02
45081	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45082	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45084	68107	8	7E-06	5E-01	6E-02	--	--	--	1E-01	5E-03	--	4E-01	--	--	--	1E-02	9E+02	--	9E+02
45085	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45086	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45087	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45091	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45092	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45093	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45094	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45095	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45097	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45098	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45099	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45100	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45101	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45102	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45103	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45104	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45105	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45106	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45108	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45109	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45110	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45111	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45113	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45115	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45116	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45117	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45118	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	8E-02	--	--	--	1E-02	9E+02	--	9E+02
45120	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45122	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45123	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45124	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45125	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45126	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45127	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45128	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45129	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45131	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45132	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45133	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45134	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45135	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45136	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45138	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45139	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45140	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45141	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45142	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45143	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45144	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45145	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45146	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45147	68107	7	1E-05	8E-01	9E-02	--	--	--	--	1E-02	--	7E-01	--	--	--	--	9E+02	--	9E+02
45148	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45149	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45150	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45151	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45152	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45153	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45154	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45155	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45156	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45157	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45158	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45159	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45160	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45161	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45162	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45163	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45164	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45165	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45166	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	1E-02	9E+02	--	9E+02
45167	68107	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	9E+02	--	9E+02
45168	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45169	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45171	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45172	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
45173	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45175	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45176	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45177	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45178	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45179	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45180	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45181	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45182	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45183	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45184	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45185	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45186	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45187	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45188	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45189	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45190	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45191	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45192	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45193	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45194	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45195	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45196	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45197	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45198	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45199	68107	8	7E-06	8E-01	8E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	9E+02	--	9E+02
45201	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45202	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45203	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45204	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45205	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45206	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	9E+02	--	9E+02
45207	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45209	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45210	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45211	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45213	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	9E+02	--	9E+02
45214	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45217	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45218	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45219	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45220	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45221	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45222	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45223	68107	7	1E-05	7E-01	7E-02	--	--	--	--	2E-03	--	6E-01	--	--	--	--	9E+02	--	9E+02
45224	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45225	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45226	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45227	68107	7	2E-05	1E+00	1E-01	--	--	--	--	2E-03	--	1E+00	--	--	--	--	9E+02	--	9E+02
45228	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45229	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45231	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45232	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45233	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45234	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45235	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45236	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	8E-02	--	--	--	4E-02	9E+02	--	9E+02
45237	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45238	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45239	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45241	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45242	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45243	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45244	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45245	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45246	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45247	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45248	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45249	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45250	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45251	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45252	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45255	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45256	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45257	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45259	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45260	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45262	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45264	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45265	68107	7	3E-06	3E-01	3E-02	--	--	--	--	2E-03	--	2E-01	--	--	--	--	9E+02	--	9E+02
45267	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45268	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45269	68107	8	3E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	9E+02	--	9E+02
45270	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45271	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45272	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45273	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45274	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45275	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45276	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45277	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45278	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45281	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45282	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45283	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45285	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45286	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45287	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45289	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45291	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45292	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45293	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45294	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45295	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45296	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45297	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45298	68107	8	1E-06	2E-01	2E-02	--	--	--	2E-01	3E-03	--	6E-02	--	--	--	2E-02	9E+02	--	9E+02
45299	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45300	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45301	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45303	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45304	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45305	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45306	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45307	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45308	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45310	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45311	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45312	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45313	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45314	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45315	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45316	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45317	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45318	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45320	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45321	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45322	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45323	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45324	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45325	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45326	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45327	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45328	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45329	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45330	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45333	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45334	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45335	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45338	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45339	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
45340	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45341	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45342	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45343	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45345	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45346	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45348	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45349	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45350	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45351	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45353	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45354	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45355	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45356	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45358	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45360	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45361	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45362	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45364	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45365	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45366	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45367	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45368	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45369	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45370	68107	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
45371	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45372	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45373	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45374	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45375	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45376	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45377	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45378	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45379	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45380	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45381	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45382	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45383	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45384	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45385	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45386	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45387	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45389	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45390	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45391	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45392	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45393	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45394	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45395	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45397	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45398	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45399	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45400	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45401	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45404	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45405	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45406	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45407	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45408	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45409	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45410	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45411	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	9E+02	--	9E+02
45412	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45413	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45414	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45415	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45416	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45417	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45418	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45419	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45420	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45421	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45422	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45423	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	9E+02	--	9E+02
45424	68107	8	1E-05	9E-01	1E-01	--	--	--	4E-01	3E-03	--	5E-01	--	--	--	4E-02	9E+02	--	9E+02
45425	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45426	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45427	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45428	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45429	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45430	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45431	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45432	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45433	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45434	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45435	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45437	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45438	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45439	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45440	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45442	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45443	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45444	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45445	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45446	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45447	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45448	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45450	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45451	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45452	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45453	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45454	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45455	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45456	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45457	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45458	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45459	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45460	68107	8	1E-05	9E-01	1E-01	--	--	--	4E-01	3E-03	--	6E-01	--	--	--	4E-02	9E+02	--	9E+02
45461	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45462	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45463	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45465	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45466	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45467	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45469	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45470	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45471	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45472	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45473	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45474	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45475	68107	7	2E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	9E+02	--	9E+02
45477	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45478	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
45479	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45480	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45481	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45484	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45486	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45487	68107	8	5E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	9E+02	--	9E+02
45488	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45489	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45490	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45492	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45494	68107	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	9E-02	--	--	--	--	9E+02	--	9E+02
45495	68107	7	1E-06	2E-01	2E-02	--	--	--	--	5E-03	--	8E-02	--	--	--	--	9E+02	--	9E+02
45496	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45497	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45499	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45500	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45501	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45502	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45503	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	9E+02	--	9E+02
45504	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45506	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45507	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45508	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45509	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45510	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45511	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45512	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45513	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45514	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45515	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45517	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45518	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45519	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45520	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45522	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45525	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45526	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45527	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45528	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45529	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45530	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	7E-02	--	--	--	1E-02	9E+02	--	9E+02
45531	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45533	68107	8	8E-06	9E-01	9E-02	--	--	--	4E-01	3E-03	--	5E-01	--	--	--	4E-02	9E+02	--	9E+02
45534	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45535	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45537	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45538	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
45539	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45540	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45541	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45542	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45543	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45544	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45545	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45546	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45548	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45550	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45551	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45552	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45554	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45556	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
45557	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45559	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45561	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45562	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45563	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45564	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45565	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45566	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45567	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45568	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45569	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45574	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45575	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45576	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45577	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45578	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45579	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45580	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45583	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45584	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	9E+02	--	9E+02
45585	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45587	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45590	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45591	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45592	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45594	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45595	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45597	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45598	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45599	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45601	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45602	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45604	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45605	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45606	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45607	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45608	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	9E+02	--	9E+02
45609	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	9E+02	--	9E+02
45610	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45611	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45612	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45613	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45614	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45618	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45619	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45620	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45621	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45622	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45623	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45624	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
45625	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45626	68107	8	5E-05	3E+00	3E-01	--	--	--	1E-01	2E-03	--	3E+00	--	--	--	1E-02	1E+03	--	1E+03
45627	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45629	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45630	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45631	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45633	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45634	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45635	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45636	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45637	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45638	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45639	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45641	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45642	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45643	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45644	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45645	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45646	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45647	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45648	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45649	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45652	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45653	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45654	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45655	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45656	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45658	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
45659	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45660	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45661	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45662	68107	8	8E-07	2E-01	2E-02	--	--	--	1E-01	2E-03	--	5E-02	--	--	--	2E-02	1E+03	--	1E+03
45663	68107	8	3E-05	2E+00	2E-01	--	--	--	1E-01	6E-03	--	2E+00	--	--	--	1E-02	1E+03	--	1E+03
45665	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45667	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45668	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45669	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45670	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45671	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45672	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45673	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45674	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45675	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45676	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45677	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45678	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
45679	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45680	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45681	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45682	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45683	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45684	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45685	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45688	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45690	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45691	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45692	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45693	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45695	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45696	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45697	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45698	68107	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
45699	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45700	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45702	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45704	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45706	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45707	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45708	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45711	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45712	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45713	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45714	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45715	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45716	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45718	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45719	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45720	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45721	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45722	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45723	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45724	68107	7	2E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
45725	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45726	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45727	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45728	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45729	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45730	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45731	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45732	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45734	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45735	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45736	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45737	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45738	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45739	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45740	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45741	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
45742	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45743	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45744	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45746	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45747	68107	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	9E-02	--	--	--	--	1E+03	--	1E+03
45749	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45750	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45751	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45752	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45753	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45754	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45756	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45757	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45759	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45760	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45761	68107	1	--	7E-04	7E-05	--	--	--	--	7E-04	--	--	--	--	--	--	7E-05	--	--
45762	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45763	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45764	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-02	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
45765	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45766	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45767	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45768	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45769	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45770	68107	8	2E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	1E-02	1E+03	--	1E+03
45771	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45772	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45773	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45775	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45776	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45779	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45780	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45781	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45782	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45783	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45785	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45786	68107	8	2E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	1E-02	1E+03	--	1E+03
45787	68107	7	7E-06	5E-01	5E-02	--	--	--	--	7E-03	--	4E-01	--	--	--	--	1E+03	--	1E+03
45788	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45789	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
45790	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45791	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45792	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45793	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45794	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45795	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45797	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45798	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45799	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45800	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45801	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45802	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45803	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45804	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45805	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45806	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45807	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45808	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45809	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45810	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45811	68107	7	6E-06	5E-01	5E-02	--	--	--	--	3E-03	--	4E-01	--	--	--	--	1E+03	--	1E+03
45812	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45813	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45814	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45815	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45817	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45818	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45820	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45821	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45822	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
45823	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45824	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45825	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45826	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45827	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45829	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45831	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45832	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45833	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45834	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45835	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45836	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45837	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	7E-02	--	--	--	1E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45838	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45840	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45841	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45842	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45843	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45844	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45845	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45846	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45847	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45848	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45849	68107	8	2E-05	1E+00	2E-01	--	--	--	4E-01	3E-03	--	1E+00	--	--	--	4E-02	1E+03	--	1E+03
45850	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45851	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45853	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45854	68107	8	2E-06	3E-01	3E-02	--	--	--	2E-01	2E-03	--	1E-01	--	--	--	2E-02	1E+03	--	1E+03
45855	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45856	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45857	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45858	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45860	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45861	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45862	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45864	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45865	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45867	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45868	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45869	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45870	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45871	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45872	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
45873	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45876	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45877	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45878	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45879	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45880	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45882	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45883	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45884	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45886	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45887	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45888	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45889	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45890	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
45891	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45892	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45893	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45894	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45895	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45897	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45898	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45899	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45900	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45901	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45902	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45903	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45905	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45906	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
45907	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45909	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45910	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45912	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45913	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45914	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45915	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45916	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45920	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45921	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45923	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
45924	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45925	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45926	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45927	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45928	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45930	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45932	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45937	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45940	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45941	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45942	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45943	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45945	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45946	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45947	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45949	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45950	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45952	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45953	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45954	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45955	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
45957	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45958	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45959	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45960	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45961	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45962	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45963	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45966	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45967	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45968	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
45969	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45970	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
45971	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45972	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45973	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45974	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45976	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
45977	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45979	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45983	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45984	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	1E+03	--	1E+03
45986	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45987	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45988	68107	8	5E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
45989	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45990	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45991	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45992	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45993	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45994	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45995	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45996	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45998	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45999	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46000	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46001	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46004	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46005	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46006	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46007	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46008	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46012	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46016	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46017	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46020	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46021	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46022	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46023	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46025	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46026	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46028	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46029	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46030	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46031	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46032	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46033	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46035	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46036	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46037	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46039	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46041	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46042	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46045	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46047	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46048	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46049	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46050	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
46051	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46052	68107	8	5E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
46053	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46058	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46059	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46060	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46061	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46063	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46066	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46067	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46070	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46071	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46073	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
46074	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46075	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46077	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46078	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46080	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46082	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46083	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46085	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46086	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46087	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46088	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46089	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46090	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46091	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	2E-02	1E+03	--	1E+03
46093	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46094	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46095	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46097	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46098	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46099	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46102	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46103	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46104	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46107	68107	8	6E-06	7E-01	8E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
46108	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46109	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46110	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46111	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46112	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46113	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46115	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46116	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46117	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46118	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
46120	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46121	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46122	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46124	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46125	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46127	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46128	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46130	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46131	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46132	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46133	68107	8	5E-06	4E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	1E+03	--	1E+03
46134	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46135	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46136	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46137	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46139	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46140	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46142	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46144	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46145	68107	7	3E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
46147	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46148	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46149	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46150	68107	7	2E-06	2E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
46152	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46153	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46154	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46155	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46157	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46159	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46160	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46161	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46163	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46164	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46165	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46166	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46167	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46168	68107	8	4E-05	3E+00	3E-01	--	--	--	4E-01	2E-03	--	2E+00	--	--	--	4E-02	1E+03	--	1E+03
46169	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46170	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46171	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46172	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46174	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46175	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46177	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46178	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46179	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46180	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
46181	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46183	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46184	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46185	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46186	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46187	68107	7	2E-06	2E-01	3E-02	--	--	--	--	6E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
46189	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46190	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46191	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46192	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46193	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46195	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46196	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46197	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46198	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46201	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46203	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46204	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46207	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46209	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46210	68107	8	2E-06	2E-01	3E-02	--	--	--	1E-01	6E-03	--	9E-02	--	--	--	1E-02	1E+03	--	1E+03
46211	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46212	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46213	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46214	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46215	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46217	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46218	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46219	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46221	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46222	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46224	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46225	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46226	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46227	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46228	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46229	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46231	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46232	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46233	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46234	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46235	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46237	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46238	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46240	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46241	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-02	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
46242	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46244	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46245	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46246	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46247	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46248	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46250	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46252	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46253	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46254	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46255	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46256	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46258	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46260	68107	8	7E-06	6E-01	6E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	1E+03	--	1E+03
46266	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46268	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46269	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46270	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46274	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46275	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46276	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46278	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46279	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46280	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46281	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46282	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46283	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46284	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46285	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46286	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46290	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46292	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46293	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46294	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46296	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46297	68107	8	7E-07	2E-01	2E-02	--	--	--	1E-01	3E-03	--	4E-02	--	--	--	1E-02	1E+03	--	1E+03
46298	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46301	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46302	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46303	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46304	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46305	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46306	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46307	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46310	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46312	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46314	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46315	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46316	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46317	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46318	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46320	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46321	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46323	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46325	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46327	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46330	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46331	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46332	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46333	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46335	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46336	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46339	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46340	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46341	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46342	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46343	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46344	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46345	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46346	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46347	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46348	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46349	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46350	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46351	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46352	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46354	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46355	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46356	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46357	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46358	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46359	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46361	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46363	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	6E-01	--	--	--	4E-02	1E+03	--	1E+03
46364	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46365	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46366	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46367	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46368	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	1E+03	--	1E+03
46369	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46370	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46371	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46372	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46373	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46376	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46378	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46379	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46380	68107	7	3E-06	3E-01	3E-02	--	--	--	--	2E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
46381	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46383	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46384	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46385	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46387	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46388	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46389	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46390	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46391	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46393	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46396	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46397	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46398	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46399	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46400	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46401	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46402	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46403	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46404	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46405	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46406	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46407	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46408	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46409	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46410	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46411	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46412	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46418	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46419	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46421	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46422	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46423	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46424	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46425	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46426	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46427	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46428	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46429	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46430	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46431	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46432	68107	7	2E-06	2E-01	3E-02	--	--	--	--	1E-02	--	1E-01	--	--	--	--	1E+03	--	1E+03
46434	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46435	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46437	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46438	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46439	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46441	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46442	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46443	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46444	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46445	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46446	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46448	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
46450	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46451	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46452	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46454	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46455	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46456	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46457	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46458	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46460	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46461	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46462	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46463	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46464	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46466	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46469	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
46470	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46471	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46472	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
46473	68107	7	6E-06	4E-01	5E-02	--	--	--	--	4E-03	--	3E-01	--	--	--	--	1E+03	--	1E+03
46474	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46475	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46476	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46478	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46480	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46482	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46483	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46484	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46487	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46489	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46490	68107	7	5E-06	4E-01	5E-02	--	--	--	--	9E-03	--	3E-01	--	--	--	--	1E+03	--	1E+03
46491	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46492	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46493	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46494	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46495	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46496	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46497	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46498	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46499	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46500	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46501	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46502	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46503	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46504	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46505	68107	7	3E-06	3E-01	3E-02	--	--	--	--	8E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
46507	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46508	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46509	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	1E+03	--	1E+03
46510	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46511	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46512	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46513	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46514	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46515	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46522	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46523	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46524	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46526	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46527	68107	7	2E-06	2E-01	3E-02	--	--	--	--	5E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
46528	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46529	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46530	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46533	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46534	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46535	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46536	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46538	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46539	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46540	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46541	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46543	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46546	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46547	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46548	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46549	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46550	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46551	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46552	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46554	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46557	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46558	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46559	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46562	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46563	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46564	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46566	68107	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
46567	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46568	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46569	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46570	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46573	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46574	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46575	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46578	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46579	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
46580	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46582	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46583	68107	7	5E-06	4E-01	4E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	1E+03	--	1E+03
46585	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46586	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46587	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46588	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46589	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46591	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46592	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46593	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46594	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46595	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46596	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46597	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46598	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46601	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46602	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46603	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46604	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46605	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46607	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46610	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46611	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46612	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46613	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46614	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46615	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46618	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46619	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46620	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46621	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46625	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46626	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46628	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46629	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46630	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46631	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46632	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46633	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46634	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46635	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46636	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46637	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46639	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46640	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46641	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46642	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46643	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46644	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46646	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46647	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46648	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46649	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46650	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46652	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46655	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
46656	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46658	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46659	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46661	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46662	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
46663	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46664	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
46665	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46666	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46667	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46668	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46669	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46671	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46672	68107	8	9E-06	7E-01	7E-02	--	--	--	1E-01	6E-03	--	5E-01	--	--	--	1E-02	1E+03	--	1E+03
46673	68107	8	4E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46674	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46675	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46676	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46679	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46682	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46683	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
46685	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46686	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46687	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46688	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46689	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46690	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46691	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46692	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46693	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46694	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46696	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46697	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46698	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	6E-02	--	--	--	1E-02	1E+03	--	1E+03
46699	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46700	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46701	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46702	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46703	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46704	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46707	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46708	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46710	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46711	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46712	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
46713	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46716	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46717	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46718	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46721	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46722	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46724	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46725	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	7E-02	--	--	--	1E-02	1E+03	--	1E+03
46727	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
46728	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46729	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46730	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46731	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
46734	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46736	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46740	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46741	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46743	68107	8	6E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
46744	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46745	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46746	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46747	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46748	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46749	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46750	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46752	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46754	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46755	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46757	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46758	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46760	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46761	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46762	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46763	68107	7	2E-06	3E-01	3E-02	--	--	--	--	1E-02	--	1E-01	--	--	--	--	1E+03	--	1E+03
46764	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	6E-02	--	--	--	1E-02	1E+03	--	1E+03
46766	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46767	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46768	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46769	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46770	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46771	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46772	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46775	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46776	68107	8	9E-07	2E-01	2E-02	--	--	--	1E-01	5E-03	--	5E-02	--	--	--	1E-02	1E+03	--	1E+03
46777	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46778	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46780	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46781	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46784	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46785	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46786	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46788	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46790	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46791	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46792	68107	8	7E-07	2E-01	2E-02	--	--	--	1E-01	6E-03	--	4E-02	--	--	--	1E-02	1E+03	--	1E+03
46793	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46794	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	6E-02	--	--	--	1E-02	1E+03	--	1E+03
46796	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46797	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46798	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46799	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46800	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46801	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46802	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46803	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46804	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46805	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46807	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46808	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46811	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46812	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46813	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46814	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46815	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-02	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46816	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46817	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46820	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46822	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46823	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46825	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46826	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46827	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46829	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46830	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46832	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46833	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46834	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46835	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	7E-02	--	--	--	1E-02	1E+03	--	1E+03
46836	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46837	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46839	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46841	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46842	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46844	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46846	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46847	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46849	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46850	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46851	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46852	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46854	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46855	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46857	68107	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
46859	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46860	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46861	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46862	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46863	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46864	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46865	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46867	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46869	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46870	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46871	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46872	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46873	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46877	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46878	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46879	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46880	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46881	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46883	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46885	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46886	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46887	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46889	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46891	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46892	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46893	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46894	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46897	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46898	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46899	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46901	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46904	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46905	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46906	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46908	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46909	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46910	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46911	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46913	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46916	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46917	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46918	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46919	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46920	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46922	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46923	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46925	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46926	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46927	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46928	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46929	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46930	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46931	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46932	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46934	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
46935	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46936	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46940	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46942	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46944	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46945	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46946	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46948	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46950	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46952	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46953	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46954	68107	8	8E-05	5E+00	5E-01	--	--	--	1E-01	2E-03	--	5E+00	--	--	--	1E-02	1E+03	--	1E+03
46955	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46957	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46959	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46960	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46961	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46962	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46963	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46964	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	5E-02	1E+03	--	1E+03
46965	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46967	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46968	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46969	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46970	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
46971	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46972	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46973	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46976	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
46977	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
46979	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46980	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46982	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46984	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46985	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
46986	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46987	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
46988	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46989	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46990	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46991	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46992	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46993	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46994	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
46996	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
46998	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	7E-02	--	--	--	2E-02	1E+03	--	1E+03
46999	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47000	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47001	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47003	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47004	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47005	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47007	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47008	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47009	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47010	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47011	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47012	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47013	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47015	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47016	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47017	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47020	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47021	68107	7	5E-06	4E-01	4E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	1E+03	--	1E+03
47022	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47023	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47024	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47026	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47027	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47028	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47029	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47030	68107	8	2E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47032	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47033	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47034	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47037	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47038	68107	7	2E-06	2E-01	3E-02	--	--	--	--	6E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47039	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47040	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47041	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47042	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47043	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47044	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47045	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47046	68107	8	2E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	5E-02	1E+03	--	1E+03
47047	68107	8	5E-05	3E+00	4E-01	--	--	--	1E-01	1E-02	--	3E+00	--	--	--	2E-02	1E+03	--	1E+03
47048	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47049	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47050	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47051	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47052	68107	8	6E-06	7E-01	8E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
47053	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47054	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47056	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47058	68107	8	3E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	4E-02	1E+03	--	1E+03
47059	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47060	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47061	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47062	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47063	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47064	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47065	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47066	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47067	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47069	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47070	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47071	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47072	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47073	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47074	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47076	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47077	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47078	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47080	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47082	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47084	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47085	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47086	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47087	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47088	68107	8	2E-05	2E+00	2E-01	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	1E+03	--	1E+03
47089	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47090	68107	8	7E-07	4E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
47091	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47092	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47094	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47095	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47096	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47097	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47098	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47100	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47102	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47103	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47104	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47105	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47106	68107	8	2E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47107	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47108	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47111	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47112	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47115	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47116	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47118	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47119	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47123	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47125	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47127	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47128	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47130	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47131	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47132	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47133	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47135	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47136	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47137	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47138	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47139	68107	8	7E-06	6E-01	6E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	1E+03	--	1E+03
47140	68107	8	4E-06	2E+00	2E-01	--	--	--	2E+00	6E-03	--	2E-01	--	--	--	2E-01	1E+03	--	1E+03
47142	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47143	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47144	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47145	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47147	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	9E-02	--	--	--	5E-02	1E+03	--	1E+03
47148	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
47149	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47150	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47151	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47152	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47153	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47154	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47156	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47157	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47158	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47159	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47162	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47163	68107	8	3E-06	5E-01	5E-02	--	--	--	3E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47164	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47165	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47166	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47168	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47169	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47170	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47171	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47172	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47173	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47175	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47176	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47177	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47178	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47179	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47180	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47181	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47182	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47184	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47185	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47186	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47187	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47188	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47190	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47191	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47193	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47194	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47195	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47196	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47197	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47202	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47203	68107	7	8E-06	5E-01	6E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	1E+03	--	1E+03
47204	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47206	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47207	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47210	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47211	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47212	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47213	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47214	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47215	68107	8	2E-05	2E+00	2E-01	--	--	--	4E-01	5E-03	--	1E+00	--	--	--	4E-02	1E+03	--	1E+03
47216	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47217	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47218	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47219	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47220	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47222	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47223	68107	7	2E-06	2E-01	2E-02	--	--	--	--	8E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47224	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47225	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47226	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47228	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47230	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47231	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47232	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47233	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47235	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47236	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47238	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47239	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47244	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47248	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47249	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47250	68107	7	5E-06	4E-01	5E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	1E+03	--	1E+03
47251	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47252	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47253	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47255	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47256	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47257	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47259	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47260	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47261	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47262	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47263	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47265	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47267	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47268	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47269	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47270	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47271	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47273	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47274	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	1E+03	--	1E+03
47275	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47276	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47277	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47279	68107	8	1E-05	8E-01	8E-02	--	--	--	1E-01	9E-03	--	6E-01	--	--	--	1E-02	1E+03	--	1E+03
47280	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47281	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47283	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47285	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47286	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47287	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47288	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47289	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47291	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
47293	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47294	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47296	68107	8	2E-05	2E+00	2E-01	--	--	--	4E-01	6E-03	--	1E+00	--	--	--	4E-02	1E+03	--	1E+03
47297	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47298	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47299	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47300	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47301	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47302	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47303	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47304	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47305	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47306	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47308	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47309	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47311	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47312	68107	7	7E-06	5E-01	5E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	1E+03	--	1E+03
47313	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47314	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47315	68107	8	3E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47316	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47317	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47319	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47320	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47321	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47322	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	7E-01	--	--	--	4E-02	1E+03	--	1E+03
47324	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47326	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47327	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47328	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47329	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47330	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47331	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47332	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47333	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47334	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47335	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47336	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47338	68107	8	1E-05	8E-01	9E-02	--	--	--	1E-01	6E-03	--	6E-01	--	--	--	1E-02	1E+03	--	1E+03
47339	68107	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47340	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47341	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47342	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47343	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47346	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47348	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47349	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47350	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47351	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47352	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47353	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47354	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47355	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47356	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47358	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47359	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47360	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47362	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47363	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47364	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47365	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47366	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47368	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03
47369	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47371	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47373	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47375	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47377	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47378	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47379	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47380	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
47382	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47383	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47384	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47385	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
47386	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47388	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47389	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47390	68107	7	4E-06	3E-01	4E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
47391	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47392	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47393	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47394	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47395	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47397	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47398	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47399	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47400	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47402	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47404	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47405	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47406	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47407	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47408	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47410	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47412	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47413	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47414	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47415	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47416	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47417	68107	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47418	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47419	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47420	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47421	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47422	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47423	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47424	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47425	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47426	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47427	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47436	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47437	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47438	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47439	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47440	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	1E+03	--	1E+03
47441	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47444	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47445	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47447	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47448	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47449	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47450	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47451	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47452	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47453	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47454	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47456	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47458	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47460	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47461	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47462	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47463	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47464	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47465	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47466	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47467	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47468	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47469	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47470	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47471	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47473	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47474	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47475	68107	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47476	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47477	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47479	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47480	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47481	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47482	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47483	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47484	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47485	68107	8	2E-06	2E+00	2E-01	--	--	--	1E+00	5E-03	--	1E-01	--	--	--	2E-01	1E+03	--	1E+03
47487	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47488	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47489	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47491	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47492	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47493	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47494	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47496	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47497	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47498	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47499	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47502	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47503	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47505	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47507	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47508	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47511	68107	7	1E-05	7E-01	8E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E+03	--	1E+03
47512	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47513	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47514	68107	7	2E-06	2E-01	3E-02	--	--	--	--	5E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47515	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47516	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47518	68107	7	2E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47519	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47520	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47521	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47522	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47523	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47524	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47525	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47526	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47529	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47530	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47531	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47532	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47533	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47534	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47535	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47537	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47538	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47539	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47540	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47541	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47544	68107	8	2E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	1E+00	--	--	--	4E-02	1E+03	--	1E+03
47545	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47547	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47548	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47549	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47550	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47551	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47553	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47554	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47555	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47556	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47557	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47558	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47559	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47560	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47561	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47562	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47563	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47564	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47565	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
47566	68107	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	1E+03	--	1E+03
47568	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47569	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47570	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47571	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47572	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47573	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47574	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47576	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47577	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47578	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47579	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47580	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47581	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47582	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47583	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47585	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47586	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47588	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47589	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47591	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47592	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47593	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47594	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
47595	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47596	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47597	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47598	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47600	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47603	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47604	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47605	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47607	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47608	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47609	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47610	68107	8	1E-06	2E-01	3E-02	--	--	--	2E-01	7E-03	--	7E-02	--	--	--	2E-02	1E+03	--	1E+03
47611	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47613	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47615	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47616	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47617	68107	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47618	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47620	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47621	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47622	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47623	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47624	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47625	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47626	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47627	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	5E-02	1E+03	--	1E+03
47628	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47629	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47630	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47633	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47634	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47635	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47636	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47638	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47639	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47642	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47643	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47644	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47645	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47646	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47647	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47648	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47649	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
47650	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47651	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47652	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47653	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47654	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47655	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47656	68107	7	2E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47659	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47660	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47661	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47662	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47663	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47664	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47665	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47669	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47670	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47672	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47673	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47674	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47676	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47677	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47679	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47680	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47681	68107	8	3E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47682	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47683	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47684	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47685	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47686	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47687	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47689	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47690	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47691	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47692	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47693	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47694	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47695	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47696	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47697	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47699	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47703	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47704	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47705	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47706	68107	7	2E-06	2E-01	2E-02	--	--	--	--	9E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47707	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47708	68107	7	2E-06	2E-01	2E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47710	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47711	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47712	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47713	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47714	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47715	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47716	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47717	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47718	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47719	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47721	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47722	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47723	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47724	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47727	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47728	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47730	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47731	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47732	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47733	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47734	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47735	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47738	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47739	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47740	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47741	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47742	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47744	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47745	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47746	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47747	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47748	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47749	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47750	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47753	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47754	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47755	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47756	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47757	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47760	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47761	68107	8	2E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	9E-01	--	--	--	4E-02	1E+03	--	1E+03
47763	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47765	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47766	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47767	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47768	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
47770	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47771	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47772	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47775	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47776	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47777	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47778	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47779	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47780	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47781	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47782	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47783	68107	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47786	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47787	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47788	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47789	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47791	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47793	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47794	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47795	68107	8	2E-06	2E-01	3E-02	--	--	--	1E-01	1E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
47796	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47797	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47798	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47799	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47802	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47803	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47804	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47806	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47807	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47809	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47810	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
47811	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47812	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47813	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
47814	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47815	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47816	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03
47818	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47819	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47820	68107	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
47821	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47822	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47823	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47826	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47830	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47831	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47832	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47833	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47834	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47835	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47836	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47838	68107	8	4E-06	6E-01	7E-02	--	--	--	3E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47839	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47840	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47841	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47842	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47846	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47847	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47848	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47850	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47851	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47852	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47856	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47858	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47859	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47860	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47861	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47862	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47863	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47865	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47866	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47867	68107	8	6E-06	8E-01	8E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
47868	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47870	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47872	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47875	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47876	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47878	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47879	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47880	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47884	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47885	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47886	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47887	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47888	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47890	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47893	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47894	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47895	68107	8	8E-06	9E-01	9E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
47896	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47898	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47899	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47900	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47902	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47904	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47905	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47906	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
47908	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47909	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47910	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47911	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47912	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47913	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47919	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47921	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47922	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47924	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
47925	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47926	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47927	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47928	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47929	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47930	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47931	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47933	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47934	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
47935	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47936	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47937	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47938	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47939	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47942	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47943	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47944	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47945	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47946	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47947	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47950	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47951	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47952	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
47953	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47954	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47956	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47957	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47960	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47961	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47962	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47963	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47964	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
47965	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47966	68107	8	2E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	9E-02	--	--	--	1E-02	1E+03	--	1E+03
47967	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47968	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47969	68107	8	8E-06	6E-01	7E-02	--	--	--	1E-01	1E-02	--	5E-01	--	--	--	2E-02	1E+03	--	1E+03
47971	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47972	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47975	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47977	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47979	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47981	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47984	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47985	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47986	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47987	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47988	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47989	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47990	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
47991	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47992	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47994	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
47996	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47997	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48002	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48003	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48005	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48006	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48007	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48009	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48014	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48015	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48016	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	8E-03	--	7E-02	--	--	--	2E-02	1E+03	--	1E+03
48018	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48019	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48020	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48021	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48026	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48030	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48031	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48033	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48035	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48036	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
48037	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48038	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48039	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48040	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48041	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48043	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48044	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48045	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48046	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48048	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48049	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48050	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48051	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48052	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48053	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48054	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48055	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48056	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48057	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48058	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48060	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48061	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48062	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48064	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48065	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48066	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48067	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48068	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48069	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48071	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48072	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48073	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48074	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48078	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48080	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48082	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48083	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48085	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48088	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48090	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48091	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48092	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48093	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48096	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48097	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48098	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48099	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48100	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
48101	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48102	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48107	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48108	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48109	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48110	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48113	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48115	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48116	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48117	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48118	68107	8	7E-06	8E-01	9E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
48120	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48121	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48122	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48124	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48125	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48126	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48127	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48128	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48129	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48131	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48133	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48135	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48138	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48139	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48140	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48141	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48142	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48143	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48144	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48146	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48147	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48148	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48149	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48150	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48152	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48153	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48154	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48159	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48163	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48164	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48165	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48167	68107	8	3E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48168	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48170	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48171	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48174	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48175	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48176	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48179	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48180	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48181	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48182	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48183	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48184	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48185	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48189	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48191	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48193	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48194	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48195	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48196	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48199	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48200	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48202	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48205	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48206	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48208	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48210	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48211	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48214	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48215	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48216	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48219	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48221	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48222	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48223	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48224	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48225	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48226	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48227	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48232	68107	8	3E-06	3E-01	3E-02	--	--	--	2E-01	5E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
48233	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48234	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48235	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48236	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48237	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48239	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48240	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48241	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48242	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48244	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48245	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48248	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48249	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48250	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48251	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48254	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48255	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48257	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48258	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48260	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48261	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48266	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48267	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48269	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48270	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48271	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48272	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48275	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48276	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48277	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48279	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48280	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48281	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48282	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48283	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48285	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48286	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48287	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48289	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48292	68107	8	7E-06	8E-01	9E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
48293	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48295	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48296	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48297	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48299	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48300	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48302	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48305	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48308	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48309	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48310	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48311	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48312	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48313	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48314	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48315	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48317	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48319	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48320	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48324	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48327	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48328	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48331	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48332	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48334	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	8E-03	--	6E-02	--	--	--	1E-02	1E+03	--	1E+03
48335	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48336	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48338	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48340	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48341	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
48342	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48343	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48345	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48347	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48349	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48350	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48352	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48353	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48354	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48359	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48361	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48363	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48364	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48367	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	7E-02	--	--	--	1E-02	1E+03	--	1E+03
48368	68107	8	2E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	9E-02	--	--	--	1E-02	1E+03	--	1E+03
48369	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48373	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48378	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48379	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48380	68107	8	2E-06	5E-01	5E-02	--	--	--	3E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48382	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48383	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48384	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48385	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48386	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48387	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48389	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48390	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48391	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48392	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48393	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48395	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48397	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48400	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48402	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48404	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48405	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48406	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48407	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48408	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48409	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48410	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48411	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48413	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48416	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48417	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48418	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
48419	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48423	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48424	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48425	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48426	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48427	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48428	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48430	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48431	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48432	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48433	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48434	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48435	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48437	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48438	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48439	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48441	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48442	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48444	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48446	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48447	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48451	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48452	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48455	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48456	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48457	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48459	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48460	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48461	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48463	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48464	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48466	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48467	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48468	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48469	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48470	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48471	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48472	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48474	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48476	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48477	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48479	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48480	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48481	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48482	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48484	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48485	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48487	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48489	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48490	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48492	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48493	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48494	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48495	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
48496	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48497	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48499	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48500	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48501	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48502	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48503	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48505	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48506	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48507	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48508	68107	8	1E-05	9E-01	1E-01	--	--	--	1E-01	3E-03	--	8E-01	--	--	--	1E-02	1E+03	--	1E+03
48510	68107	8	5E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
48511	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48512	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48513	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48514	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48515	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48517	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48519	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48523	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48525	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48526	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48529	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48530	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48531	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48532	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48533	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48534	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48538	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48539	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48540	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48541	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48542	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48543	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48544	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48545	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48546	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48547	68107	7	4E-06	4E-01	4E-02	--	--	--	--	2E-02	--	2E-01	--	--	--	--	1E+03	--	1E+03
48548	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48549	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48550	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48551	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48552	68107	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48553	68107	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	1E+03	--	1E+03
48554	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48555	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48556	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48557	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48558	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48559	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48560	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48561	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48563	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48564	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48565	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48566	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48567	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48568	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48569	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48570	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48571	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48572	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48573	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48574	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48576	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48577	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48578	68107	8	1E-05	8E-01	8E-02	--	--	--	1E-01	3E-03	--	6E-01	--	--	--	1E-02	1E+03	--	1E+03
48580	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48581	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48582	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48583	68107	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
48584	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48586	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48587	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48588	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48589	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48590	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48593	68107	7	4E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
48594	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48596	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48599	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48600	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48602	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48604	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48606	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48607	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48610	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48611	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48612	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48613	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48614	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48615	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48616	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48618	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48619	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48620	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48621	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48622	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48623	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48625	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48626	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48627	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48628	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48632	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48633	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48634	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48635	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48636	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	8E-02	--	--	--	1E-02	1E+03	--	1E+03
48637	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48638	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48639	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48640	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48641	68107	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48642	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48643	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48647	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48649	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48651	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48652	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48654	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48655	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48656	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48659	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48661	68107	8	2E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48662	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48663	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48667	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48668	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48670	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48671	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48672	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48674	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	8E-02	--	--	--	2E-02	1E+03	--	1E+03
48675	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48676	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48677	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48679	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48680	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48681	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48682	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48684	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48685	68107	8	7E-06	7E-01	8E-02	--	--	--	4E-01	2E-03	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
48687	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48689	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48691	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48693	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48694	68107	8	9E-06	7E-01	7E-02	--	--	--	1E-01	6E-03	--	5E-01	--	--	--	1E-02	1E+03	--	1E+03
48695	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48696	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48697	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48698	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48699	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48701	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48702	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48703	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48705	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48708	68107	8	6E-06	7E-01	8E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
48710	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48711	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48715	68107	8	1E-06	2E-01	3E-02	--	--	--	1E-01	9E-03	--	7E-02	--	--	--	2E-02	1E+03	--	1E+03
48718	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48719	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48720	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48721	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-02	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48722	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48723	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48724	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48725	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48726	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48727	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48728	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48731	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48732	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48733	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48734	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48736	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48737	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48738	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48739	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48741	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48743	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48744	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48745	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48746	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48747	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48748	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48750	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48751	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48752	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48753	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48754	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48755	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48757	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48758	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48759	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48760	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48762	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48764	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48765	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48766	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48767	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48768	68107	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	7E-02	--	--	--	4E-02	1E+03	--	1E+03
48771	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48772	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48773	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48774	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48775	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48776	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48777	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48778	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48779	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48780	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48782	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48783	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48784	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48785	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48786	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48791	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48795	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48796	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48797	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48798	68107	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
48799	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48800	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48801	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48803	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48804	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48805	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48806	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48807	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48810	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48811	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48813	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48814	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48815	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48816	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48817	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48818	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48819	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48820	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48821	68107	8	2E-06	1E+00	1E-01	--	--	--	9E-01	6E-03	--	1E-01	--	--	--	1E-01	1E+03	--	1E+03
48822	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48823	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48824	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48825	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48826	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48827	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48830	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48831	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48832	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48833	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48835	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48836	68107	7	2E-06	2E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
48837	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48838	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48839	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48840	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48841	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48844	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48846	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48847	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48848	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48850	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48851	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48852	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48853	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48854	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48855	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
48856	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48857	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48858	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48860	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48861	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48862	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48864	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48867	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48868	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48869	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48871	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48872	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48873	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48874	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48875	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48876	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48878	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48879	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48881	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48883	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48884	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48885	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48886	68107	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
48887	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48888	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48889	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48892	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48893	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48897	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48898	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48899	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48900	68107	7	2E-06	3E-01	4E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
48901	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48902	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48903	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48904	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48905	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48906	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48907	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48908	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48910	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48914	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48916	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48917	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48920	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48921	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48923	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48925	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48926	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48927	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48929	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48931	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48932	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48935	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48936	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
48937	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48939	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48941	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48943	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48944	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
48946	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48948	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48949	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48952	68107	8	3E-05	2E+00	2E-01	--	--	--	1E-01	4E-03	--	2E+00	--	--	--	2E-02	1E+03	--	1E+03
48953	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48954	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48956	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48958	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48959	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48962	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48963	68107	8	1E-06	2E-01	3E-02	--	--	--	1E-01	5E-03	--	8E-02	--	--	--	1E-02	1E+03	--	1E+03
48964	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48965	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48968	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48969	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48971	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48972	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48973	68107	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
48974	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48975	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
48976	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48977	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
48978	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48981	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48982	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48983	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48984	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48985	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48986	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48987	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48988	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
48989	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48990	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48991	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48992	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48994	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
48996	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48997	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
48998	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48999	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
49000	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49001	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49002	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49003	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49006	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49007	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49008	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49009	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49012	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
49013	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49014	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49015	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49016	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49017	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49018	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49019	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49020	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49022	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49023	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49026	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49027	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49030	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49031	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49032	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49033	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49035	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49036	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	1E-02	1E+03	--	1E+03
49037	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49038	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49040	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49042	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49044	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49046	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49048	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49050	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49052	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49053	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49054	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49055	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49056	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49058	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49059	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49061	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49062	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49063	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49066	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49067	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49068	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49070	68107	8	6E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
49071	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49072	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49074	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49075	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49076	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49077	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49078	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49079	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49081	68107	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
49082	68107	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
49083	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49085	68107	7	4E-05	2E+00	2E-01	--	--	--	--	5E-03	--	2E+00	--	--	--	--	1E+03	--	1E+03
49087	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49088	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49091	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49092	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49093	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49095	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49096	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49098	68107	8	1E-05	9E-01	9E-02	--	--	--	1E-01	4E-03	--	7E-01	--	--	--	1E-02	1E+03	--	1E+03
49099	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49100	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49104	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49105	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49106	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49107	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49109	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49111	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49112	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49113	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49114	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49115	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49116	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49117	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
49118	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49119	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49120	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49121	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49122	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49123	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49124	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49125	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49126	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
49127	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49128	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49131	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49132	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49133	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49134	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49135	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49136	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49137	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49138	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49139	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49165	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49167	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
49172	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49173	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49174	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49184	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49185	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49186	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49193	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
49200	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49207	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49208	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	8E-02	--	--	--	1E-02	1E+03	--	1E+03
49209	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49216	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49217	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49218	68107	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
49219	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49220	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49221	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49222	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49223	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49224	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49225	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49226	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49227	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49229	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49230	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49231	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49232	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49233	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49234	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49235	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49236	68107	1	--	8E-04	9E-05	--	--	--	--	8E-04	--	--	--	--	--	--	9E-05	--	--
49239	68107	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
49240	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49245	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49249	68107	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	1E+03	--	1E+03
49250	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49251	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49252	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49368	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49369	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49371	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49372	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49375	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49377	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49378	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49379	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49380	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49382	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49383	68107	7	1E-05	8E-01	9E-02	--	--	--	--	3E-03	--	7E-01	--	--	--	--	1E+03	--	1E+03
49385	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49386	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49387	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49388	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49389	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49390	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49391	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49392	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49393	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49394	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49395	68107	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
49396	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49397	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49398	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49400	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49401	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49402	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49403	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49404	68107	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
49405	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49406	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49408	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49410	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49411	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49412	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49413	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49414	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49416	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49417	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49418	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49419	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49420	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49421	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49425	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49428	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49429	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49430	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49432	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49433	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49434	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49435	68107	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
49436	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49437	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49438	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49439	68107	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
49441	68107	8	9E-07	2E-01	2E-02	--	--	--	1E-01	2E-03	--	5E-02	--	--	--	2E-02	1E+03	--	1E+03
49442	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49443	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49444	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	1E-02	1E+03	--	1E+03
49445	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49446	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49447	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49448	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49449	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49450	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49452	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49453	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49455	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49456	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49457	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49460	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49461	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49462	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49463	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49465	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49466	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49467	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49468	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49469	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49470	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49471	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49473	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49474	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49475	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49476	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49482	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50008	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50135	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50136	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50137	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50138	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50139	68107	8	7E-07	7E-01	8E-02	--	--	--	7E-01	3E-03	--	4E-02	--	--	--	8E-02	1E+03	--	1E+03
50140	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50141	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50142	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50143	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50144	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50153	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50154	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50155	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50156	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50157	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50158	68107	8	7E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
50159	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50160	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50161	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50162	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50163	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50164	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50165	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50166	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50167	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50168	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50169	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50170	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50171	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50172	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50173	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50174	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50175	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50176	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50177	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50178	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50179	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50180	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50181	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50182	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50183	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50184	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50185	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50186	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50187	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50188	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50189	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50190	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50191	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50192	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50193	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50194	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50195	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50196	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50197	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50198	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50199	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50200	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50201	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50202	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50203	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50204	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50205	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50206	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50207	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50208	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50209	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50210	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50211	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50212	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50213	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50214	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50215	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50216	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50217	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50218	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50219	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50220	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50221	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50222	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50223	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50224	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50225	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50226	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50227	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50228	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50229	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50230	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50231	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50232	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50233	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50234	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50235	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50236	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50237	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50238	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50239	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50240	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50241	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50242	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50243	68107	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	6E-02	--	--	--	4E-02	1E+03	--	1E+03
50244	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50245	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50246	68107	8	9E-07	4E-01	5E-02	--	--	--	4E-01	3E-03	--	5E-02	--	--	--	4E-02	1E+03	--	1E+03
50247	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50248	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50249	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50250	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50251	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50262	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50263	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50264	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50265	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50266	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50267	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50268	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50269	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50270	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50271	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50272	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50273	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50274	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50275	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50276	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50277	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50278	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50279	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50280	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50281	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50282	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50283	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50284	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50285	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50286	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50287	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50288	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50289	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50290	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50291	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50292	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50293	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50294	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50295	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50296	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50297	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50298	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50299	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	9E-02	--	--	--	4E-02	1E+03	--	1E+03
50300	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50301	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50302	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50303	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50304	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50305	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50306	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50307	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50308	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50309	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50310	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50311	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50312	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50313	68107	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
50314	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50315	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50316	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50317	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50318	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50319	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50320	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50321	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50322	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50323	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50324	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50325	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50326	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03
50327	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50328	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50329	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50330	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50331	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50332	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50333	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50334	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50335	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50336	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50337	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50338	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50339	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50340	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50341	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50342	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50343	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50344	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50345	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50346	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50347	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50348	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50349	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50350	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50351	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50352	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50353	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50354	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50357	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50358	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50359	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50360	68107	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
50361	68107	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03
50362	68107	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03
50365	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50373	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50374	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50385	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50386	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50387	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50388	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50389	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50420	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50535	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50537	68107	8	1E-06	2E-01	2E-02	--	--	--	1E-01	1E-02	--	7E-02	--	--	--	1E-02	1E+03	--	1E+03
50548	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50552	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50587	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50588	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50630	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50631	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52248	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52415	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52418	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
57178	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
62354	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
64027	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
64253	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
70328	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
73069	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
75136	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
75137	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
76891	68107	8	2E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
78415	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
82242	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
82245	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
87461	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
87462	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
87944	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
88137	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
88138	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
89358	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
89377	68107	8	7E-07	5E-01	5E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
89384	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
89408	68107	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
89692	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90259	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90316	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90332	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90517	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
90518	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
90897	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
91079	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
91080	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
93231	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93312	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
93331	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93495	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
93519	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
9	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
46	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
54	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
55	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
65	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
66	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
68	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
86	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
89	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
91	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
96	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
100	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
101	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
102	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
103	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
104	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
105	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
108	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
109	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
110	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
111	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
112	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
119	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
122	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
124	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
126	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
129	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
130	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
131	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
132	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
133	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
134	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
135	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
136	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
138	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
139	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
140	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
143	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
145	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
148	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
150	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
151	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
156	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
158	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
162	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
166	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
167	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
172	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
175	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
176	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
177	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
179	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
183	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
185	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
187	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
190	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
205	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
207	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
216	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
229	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
257	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
258	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
260	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
262	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
263	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
264	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
265	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
267	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
269	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
271	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
273	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
274	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
275	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
278	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
279	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
280	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
281	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
284	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
286	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
287	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
288	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
298	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
327	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
328	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
330	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
331	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
338	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
343	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
344	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
347	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
351	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
355	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
356	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
359	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
362	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
366	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
372	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
375	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
377	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
380	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
381	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
384	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
394	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
455	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
490	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
493	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
501	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
505	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
511	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
513	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
521	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
523	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
524	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
525	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
526	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
531	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
536	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
545	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
549	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
550	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
556	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
557	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
596	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
601	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
634	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
636	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
649	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
656	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
657	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
700	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
701	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
711	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
723	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
734	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
752	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
759	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
800	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
806	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
812	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
815	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
819	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
870	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
897	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
933	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
989	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
995	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1004	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1171	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1250	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1387	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1391	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1395	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1398	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1508	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1513	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1514	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1522	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1523	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1525	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1526	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1527	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1529	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1556	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1557	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1558	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1559	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1561	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1567	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1568	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1569	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1579	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1581	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1582	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1585	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1586	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1588	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1589	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1591	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1601	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1613	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1620	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2042	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2044	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2048	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2049	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2170	68108	13	2E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	3E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	1E+03	--	1E+03
2210	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2228	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2257	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
2295	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2388	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2471	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2518	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
2519	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
2521	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
2522	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
2527	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
2530	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2531	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2532	68108	8	2E-05	2E+00	2E-01	--	--	--	4E-01	4E-03	--	1E+00	--	--	--	4E-02	1E+03	--	1E+03
3005	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3100	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5024	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5048	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5075	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5078	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5080	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5081	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5084	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5087	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5088	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5093	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5225	68108	13	4E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	2E-02	1E-01	2E-01	1E-02	--	1E-02	4E-02	1E+03	--	1E+03
5226	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5227	68108	13	2E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	4E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	1E+03	--	1E+03
5229	68108	13	2E-06	7E-01	8E-02	9E-02	--	9E-02	4E-01	4E-03	9E-02	9E-02	9E-03	--	9E-03	4E-02	1E+03	--	1E+03
5284	68108	13	2E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	9E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	1E+03	--	1E+03
5300	68108	13	4E-06	1E+00	1E-01	1E-01	--	3E-01	4E-01	3E-03	1E-01	2E-01	1E-02	--	3E-02	4E-02	1E+03	--	1E+03
5301	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5302	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5303	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5304	68108	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	7E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	1E+03	--	1E+03
5305	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5306	68108	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	5E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	1E+03	--	1E+03
5307	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5321	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5323	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5324	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5332	68108	13	3E-06	5E-01	5E-02	7E-02	--	8E-02	6E-02	8E-03	9E-02	2E-01	8E-03	--	9E-03	6E-03	1E+03	--	1E+03
5385	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5386	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5387	68108	13	4E-06	7E-01	7E-02	1E-01	--	1E-01	6E-02	5E-03	1E-01	2E-01	1E-02	--	1E-02	7E-03	1E+03	--	1E+03
5390	68108	13	4E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5391	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5392	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5393	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5394	68108	13	4E-06	8E-01	9E-02	1E-01	--	1E-01	2E-01	1E-02	1E-01	2E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5395	68108	13	5E-06	8E-01	9E-02	1E-01	--	1E-01	2E-01	7E-03	1E-01	3E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5396	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5397	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5398	68108	13	5E-06	1E+00	1E-01	1E-01	--	2E-01	2E-01	6E-03	2E-01	3E-01	1E-02	--	2E-02	2E-02	1E+03	--	1E+03
5399	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5400	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5401	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5402	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5403	68108	13	5E-06	8E-01	8E-02	1E-01	--	1E-01	1E-01	5E-03	1E-01	3E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5404	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5405	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5407	68108	13	4E-06	6E-01	7E-02	9E-02	--	1E-01	1E-01	5E-03	1E-01	2E-01	9E-03	--	1E-02	1E-02	1E+03	--	1E+03
5408	68108	13	1E-05	1E+00	2E-01	1E-01	--	1E-01	2E-01	5E-03	2E-01	8E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5409	68108	13	1E-06	2E-01	3E-02	5E-02	--	4E-02	3E-02	5E-03	6E-02	5E-02	5E-03	--	5E-03	3E-03	1E+03	--	1E+03
5410	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5411	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5412	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5413	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5415	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5416	68108	13	7E-06	9E-01	9E-02	1E-01	--	1E-01	6E-02	3E-03	2E-01	4E-01	1E-02	--	1E-02	7E-03	1E+03	--	1E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5417	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5418	68108	13	4E-06	7E-01	8E-02	1E-01	--	1E-01	9E-02	3E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5422	68108	13	4E-06	7E-01	7E-02	8E-02	--	1E-01	1E-01	6E-03	1E-01	2E-01	9E-03	--	1E-02	1E-02	1E+03	--	1E+03
5423	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5425	68108	13	1E-05	1E+00	1E-01	9E-02	--	1E-01	1E-01	6E-03	1E-01	6E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5426	68108	13	3E-06	6E-01	7E-02	1E-01	--	1E-01	7E-02	2E-03	1E-01	2E-01	1E-02	--	1E-02	8E-03	1E+03	--	1E+03
5427	68108	13	4E-06	8E-01	8E-02	1E-01	--	1E-01	1E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5428	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5429	68108	13	3E-06	7E-01	8E-02	1E-01	--	1E-01	2E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5430	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5431	68108	13	5E-06	8E-01	8E-02	1E-01	--	1E-01	1E-01	6E-03	1E-01	3E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5432	68108	13	5E-06	8E-01	9E-02	1E-01	--	1E-01	1E-01	1E-02	1E-01	3E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5433	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5434	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5435	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5436	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5437	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5438	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5439	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5440	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5443	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5445	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5446	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5447	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5449	68108	13	5E-06	8E-01	8E-02	9E-02	--	1E-01	1E-01	5E-03	1E-01	3E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5450	68108	13	5E-06	9E-01	1E-01	1E-01	--	1E-01	3E-01	5E-03	1E-01	3E-01	1E-02	--	1E-02	3E-02	1E+03	--	1E+03
5451	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5452	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5454	68108	13	3E-06	5E-01	6E-02	6E-02	--	8E-02	8E-02	3E-03	1E-01	2E-01	6E-03	--	9E-03	9E-03	1E+03	--	1E+03
5455	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5457	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5458	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5459	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5460	68108	13	3E-06	6E-01	6E-02	9E-02	--	1E-01	7E-02	3E-03	1E-01	2E-01	9E-03	--	1E-02	7E-03	1E+03	--	1E+03
5461	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5462	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5463	68108	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	7E-02	4E-03	1E-01	2E-01	1E-02	--	1E-02	8E-03	1E+03	--	1E+03
5466	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5467	68108	13	7E-06	9E-01	1E-01	1E-01	--	2E-01	1E-01	3E-03	1E-01	4E-01	1E-02	--	2E-02	1E-02	1E+03	--	1E+03
5468	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5469	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5470	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5471	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5472	68108	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5473	68108	13	3E-06	8E-01	8E-02	1E-01	--	1E-01	1E-01	8E-03	1E-01	2E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5474	68108	13	4E-06	8E-01	9E-02	1E-01	--	1E-01	2E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5476	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5477	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5480	68108	13	4E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	8E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5481	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5482	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5483	68108	13	3E-06	6E-01	7E-02	9E-02	--	1E-01	1E-01	3E-03	1E-01	2E-01	9E-03	--	1E-02	1E-02	1E+03	--	1E+03
5484	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5485	68108	13	5E-06	7E-01	7E-02	9E-02	--	1E-01	6E-02	5E-03	1E-01	3E-01	1E-02	--	1E-02	6E-03	1E+03	--	1E+03
5491	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5492	68108	13	6E-06	8E-01	9E-02	1E-01	--	1E-01	1E-01	8E-03	1E-01	3E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5500	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5502	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5504	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5505	68108	13	4E-06	7E-01	7E-02	9E-02	--	1E-01	1E-01	5E-03	1E-01	2E-01	9E-03	--	1E-02	1E-02	1E+03	--	1E+03
5510	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5511	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5512	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5571	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5572	68108	13	6E-06	8E-01	8E-02	1E-01	--	1E-01	1E-01	3E-03	1E-01	3E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5573	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5574	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5583	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5587	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5588	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5589	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5591	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5603	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5605	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
5606	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5607	68108	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	1E+03	--	1E+03
5608	68108	13	3E-06	8E-01	9E-02	1E-01	--	1E-01	2E-01	4E-03	2E-01	2E-01	1E-02	--	1E-02	2E-02	1E+03	--	1E+03
5609	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5623	68108	13	3E-06	8E-01	8E-02	1E-01	--	2E-01	1E-01	5E-03	2E-01	2E-01	1E-02	--	2E-02	2E-02	1E+03	--	1E+03
5628	68108	13	4E-06	7E-01	7E-02	1E-01	--	1E-01	5E-02	4E-03	2E-01	2E-01	1E-02	--	1E-02	6E-03	1E+03	--	1E+03
5630	68108	13	5E-06	8E-01	8E-02	1E-01	--	1E-01	9E-02	5E-03	1E-01	3E-01	1E-02	--	1E-02	9E-03	1E+03	--	1E+03
5633	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5634	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5636	68108	13	7E-06	1E+00	1E-01	1E-01	--	2E-01	2E-01	1E-02	1E-01	4E-01	1E-02	--	2E-02	3E-02	1E+03	--	1E+03
5637	68108	13	3E-06	6E-01	6E-02	9E-02	--	1E-01	6E-02	7E-03	1E-01	2E-01	1E-02	--	1E-02	7E-03	1E+03	--	1E+03
5638	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5652	68108	13	4E-06	7E-01	7E-02	8E-02	--	1E-01	1E-01	6E-03	1E-01	2E-01	9E-03	--	1E-02	1E-02	1E+03	--	1E+03
5653	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5656	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5657	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5658	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5659	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5660	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5663	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5664	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5672	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5673	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5674	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5682	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5683	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5693	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5694	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5695	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12734	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12745	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12758	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12773	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12782	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12795	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12806	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12808	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12816	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
12822	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12824	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12828	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12832	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12842	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12859	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
12880	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12882	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
12887	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12889	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
12892	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12895	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12896	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12899	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12904	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12917	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12918	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12919	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12922	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12924	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12925	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
12926	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
12931	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12933	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12937	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12938	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12939	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12940	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12942	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12947	68108	8	3E-06	5E-01	5E-02	--	--	--	3E-01	4E-03	--	2E-01	--	--	--	3E-02	1E+03	--	1E+03
12953	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12956	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
12957	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12960	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
12977	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12980	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12986	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13000	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13002	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13007	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13008	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13011	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13014	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13019	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13020	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13029	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13031	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13041	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13046	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13047	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13049	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13058	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13061	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13067	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13071	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13079	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13082	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13090	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13094	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13097	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13099	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13101	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13102	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
13103	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13105	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13108	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13109	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13113	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13115	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13116	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13117	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13118	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13119	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13120	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13123	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13126	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13127	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13130	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13131	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13132	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13133	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13134	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13135	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13136	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13138	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13139	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13140	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13141	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13142	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13143	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13144	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13145	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13146	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13148	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13149	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13152	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13153	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13154	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13155	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13156	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13157	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13159	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13164	68108	8	1E-05	1E+00	1E-01	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E+03	--	1E+03
13169	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13171	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13174	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13184	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13186	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13188	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13189	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13195	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13196	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13199	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13205	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13206	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13210	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13213	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13214	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13217	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13218	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13220	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13222	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13224	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13225	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13227	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13232	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13233	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13239	68108	7	8E-06	6E-01	6E-02	--	--	--	--	4E-03	--	4E-01	--	--	--	--	1E+03	--	1E+03
13241	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13242	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13246	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13247	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13253	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13254	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13258	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13260	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13267	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13275	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13276	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13277	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13278	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13286	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13289	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13291	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13292	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13293	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13296	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13300	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13304	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13308	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13311	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13314	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13316	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13328	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13329	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13330	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13333	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13335	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13337	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13339	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13341	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13346	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13349	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13353	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13362	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13368	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13371	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13378	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13380	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13385	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13390	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13393	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13396	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13406	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13408	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13411	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13413	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13414	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13415	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13416	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13418	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13419	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13422	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13424	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13427	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13428	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13431	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13434	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13436	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
13440	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13445	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13449	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13451	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13454	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13466	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13478	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13481	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13485	68108	8	6E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
13486	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13488	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13499	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13502	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13503	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13510	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13518	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13519	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13520	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13521	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13527	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13529	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
13530	68108	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
13536	68108	7	3E-05	2E+00	2E-01	--	--	--	--	7E-03	--	1E+00	--	--	--	--	1E+03	--	1E+03
13539	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13546	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13550	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13553	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13556	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13557	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13560	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13565	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
13569	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13570	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13574	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13575	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
13582	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13589	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13591	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13595	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13596	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13608	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13610	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13615	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13618	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13622	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13631	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13640	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13641	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13644	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13645	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13651	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13652	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13653	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13661	68108	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
13662	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13666	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13672	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13674	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13675	68108	8	6E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	1E+03	--	1E+03
13676	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13677	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13679	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13681	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13682	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13685	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13691	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13698	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13699	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13709	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13710	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13760	68108	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	5E-02	1E+03	--	1E+03
13764	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13766	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13767	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13770	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13771	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13773	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
13774	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13775	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13776	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13786	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13787	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13795	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13798	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13809	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13810	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13829	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13832	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13836	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13841	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13847	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13848	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13854	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13860	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13868	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13870	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13873	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13876	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13878	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13885	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13887	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13888	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13892	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13894	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13895	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13903	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13920	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13923	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13924	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
13926	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13931	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13933	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13936	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13938	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13939	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13941	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
13950	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13953	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13954	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13958	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13960	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13962	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13963	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13965	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13969	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13983	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13990	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
13992	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13996	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13998	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14008	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14011	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14020	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14022	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14028	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14037	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14038	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14043	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
14048	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14051	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14056	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14057	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14065	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14072	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14076	68108	8	9E-07	2E-01	2E-02	--	--	--	1E-01	4E-03	--	5E-02	--	--	--	1E-02	1E+03	--	1E+03
14079	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
14081	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14083	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14084	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14086	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14087	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14089	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14095	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14096	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14106	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14110	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14111	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14112	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14113	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14123	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14128	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14130	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14134	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14135	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14140	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14141	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14147	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14151	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14153	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14173	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14174	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14186	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14192	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14202	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14203	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
14204	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14205	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14209	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14210	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14217	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14218	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14220	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14230	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14231	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14232	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14246	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14251	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14258	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14269	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14270	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
14272	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14274	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14279	68108	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	1E+03	--	1E+03
14284	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14285	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14287	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14290	68108	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
14306	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14309	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14313	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14315	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14316	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14321	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14327	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14328	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14331	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14333	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14335	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14343	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14345	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14349	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14351	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14354	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14357	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14358	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14360	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14366	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14369	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14370	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14372	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14379	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14389	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14391	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14401	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14414	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14418	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14421	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14433	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14438	68108	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
14440	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14442	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14444	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14445	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14449	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14455	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14458	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14461	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14466	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14468	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14474	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14476	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14480	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14481	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14486	68108	8	6E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
14488	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14490	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14491	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14493	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14494	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14496	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14497	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14501	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14503	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14518	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14519	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14521	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14527	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14529	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14530	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14537	68108	8	5E-06	7E-01	7E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
14540	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14545	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
14555	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14558	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14562	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14563	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14569	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14570	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14571	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14573	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14574	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14576	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14578	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14579	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14580	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14582	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14585	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14586	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14600	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14607	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14610	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14613	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14616	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14617	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
14621	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14622	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14623	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14630	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14637	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14638	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14639	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14642	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14643	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14660	68108	7	4E-06	4E-01	4E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	1E+03	--	1E+03
14663	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14665	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14669	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14670	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14671	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14673	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14674	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14675	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14676	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14683	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14684	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14685	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14692	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
14697	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
14700	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14701	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14710	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14713	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14715	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
14716	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14720	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
14728	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14729	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14732	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14736	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14742	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14745	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
14747	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14748	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14754	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14770	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14771	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14773	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14782	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14785	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14786	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14789	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14795	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14796	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14800	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14803	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14804	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14807	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14808	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14815	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14816	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14818	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14825	68108	8	3E-06	4E-01	4E-02	--	--	--	1E-01	2E-02	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
14827	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14830	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14831	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14832	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14835	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14839	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14841	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14847	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14848	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14849	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
14850	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14851	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14853	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14855	68108	8	7E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	1E+03	--	1E+03
14856	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14859	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14862	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14867	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14868	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14870	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14871	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14878	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
14879	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14888	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14890	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14891	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14894	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14895	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14901	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14902	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
14903	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14904	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14907	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14911	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14912	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14914	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
14925	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14931	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14932	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14933	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14935	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14940	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14941	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14944	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14946	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14947	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14953	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14960	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14961	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14963	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14968	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14973	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14977	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14983	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14987	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14989	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14996	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14997	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14998	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15001	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15002	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15005	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15007	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15021	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15023	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15026	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15030	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15034	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15039	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15046	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15049	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15051	68108	8	5E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
15053	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15055	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15061	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15062	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15067	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15069	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15070	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15073	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15075	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15081	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15085	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15087	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15093	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15098	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15103	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15107	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15112	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15115	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15116	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
15117	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15118	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15120	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15127	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15135	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-02	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
15138	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15140	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15143	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15146	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15147	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15148	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15151	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15152	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15156	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15165	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15174	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15176	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15185	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15186	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15187	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15188	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15195	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15196	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15201	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15204	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15205	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15207	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15209	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15212	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15214	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15224	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15226	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15228	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15235	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15242	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15243	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15248	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15251	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15254	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15256	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
15259	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15266	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15270	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15272	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15273	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15276	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15281	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15289	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15296	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15304	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15312	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15322	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15324	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15326	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15327	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15328	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15330	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15337	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
15339	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15353	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15356	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15359	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15364	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15368	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15381	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15383	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15387	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15391	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15396	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15401	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15403	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15404	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15405	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15408	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15411	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15412	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15413	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15414	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15415	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15418	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15419	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15420	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15422	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15423	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15424	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15425	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15428	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15429	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15431	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15432	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15435	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15437	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15439	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15441	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15443	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15446	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15448	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15451	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15458	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15459	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15465	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15468	68108	8	4E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
15469	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15471	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15472	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15475	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15478	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15479	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15481	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15482	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15483	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15488	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15490	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15491	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15502	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
15505	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15506	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15530	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15533	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15535	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15538	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15539	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15546	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15549	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15552	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15553	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15555	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15558	68108	1	--	6E-04	7E-05	--	--	--	--	6E-04	--	--	--	--	--	--	7E-05	--	--
15559	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15563	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15567	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
15570	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15572	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15579	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15580	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15582	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15583	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15584	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15585	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15588	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15589	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15592	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15594	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15596	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15597	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15598	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15600	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15601	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15603	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15606	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15610	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15614	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15615	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15616	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15617	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15618	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15619	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15624	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15625	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15628	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15630	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15632	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15635	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15643	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15646	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15649	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15650	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15652	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15656	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15658	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15662	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15672	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15674	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15675	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15679	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15680	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15683	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15687	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15689	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15692	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15699	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15703	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15704	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15706	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15707	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15710	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15711	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15714	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15719	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15720	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15725	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15726	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15727	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15734	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15739	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15740	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15742	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15747	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15748	68108	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
15750	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15759	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15760	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15762	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15763	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15764	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15766	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15768	68108	8	3E-06	3E-01	3E-02	--	--	--	2E-01	3E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
15772	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15773	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15775	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15777	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15785	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15787	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15788	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15790	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15791	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15793	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15794	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15795	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15796	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15799	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15800	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15807	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15809	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15813	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15814	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15817	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15819	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15822	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15826	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
15827	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
15828	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15830	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15833	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15837	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15841	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15844	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15845	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15847	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15850	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15851	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15852	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15853	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15854	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15855	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15857	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15859	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15861	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15865	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15866	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15869	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15874	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15876	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15877	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15878	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15881	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15883	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15885	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15887	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15888	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15893	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15895	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15902	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15903	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15906	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15913	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15915	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
15917	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15919	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15920	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15923	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15927	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15929	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15930	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15931	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15934	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15939	68108	8	5E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
15941	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15942	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15946	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15947	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15948	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15954	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15955	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
15961	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15963	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15965	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15966	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
15971	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15972	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15973	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15974	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15977	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15980	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
15982	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15983	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15984	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
15987	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15989	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15990	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15993	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15995	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15998	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16001	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16003	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
16005	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16006	68108	8	5E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	5E-02	1E+03	--	1E+03
16011	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16012	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16013	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16021	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16024	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16025	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16028	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16029	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16030	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16032	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16033	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16036	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16039	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16040	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16041	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16042	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16043	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16046	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16050	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16051	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16075	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16077	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16079	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16080	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16086	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16097	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16100	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16101	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16104	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16105	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16106	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16107	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16117	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16120	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16126	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
16128	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16133	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16135	68108	8	2E-06	2E-01	2E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
16137	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
16138	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16143	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16145	68108	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	8E-02	--	--	--	1E-02	1E+03	--	1E+03
16153	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16156	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16157	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16162	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16163	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16164	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16165	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16170	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16175	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16177	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16187	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16190	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16192	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16194	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16197	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16200	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16201	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16203	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16204	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16205	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16207	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16208	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16214	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16215	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16217	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16218	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16222	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16225	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16226	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16239	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16245	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16251	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16252	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16253	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16254	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16256	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16258	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16259	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16260	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16261	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
16262	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16266	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16267	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
16273	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16277	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16279	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16280	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16282	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16284	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16285	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16288	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16291	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16294	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16299	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16300	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16305	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16307	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16310	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16311	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16313	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16316	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16319	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	1E+03	--	1E+03
16320	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16322	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16323	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16328	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16330	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16338	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16339	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16340	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16341	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16344	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16348	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16349	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
16353	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16354	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16360	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16361	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16362	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16366	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16367	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16369	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16373	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16374	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16376	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16377	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16379	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16383	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16386	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16388	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16401	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16403	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16404	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16405	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16407	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16409	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16410	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16414	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16416	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16419	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16423	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16425	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16431	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16433	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16435	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16441	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16442	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16446	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
16448	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16452	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16455	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16457	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16460	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16468	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16470	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16474	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16476	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16482	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16483	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16489	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16497	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16498	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16502	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16504	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16508	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16510	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16512	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16514	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16515	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16517	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16520	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16521	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16522	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16525	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16526	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16527	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16529	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16530	68108	8	2E-05	2E+00	2E-01	--	--	--	5E-01	5E-02	--	1E+00	--	--	--	5E-02	1E+03	--	1E+03
16531	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16532	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16536	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16538	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16539	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16542	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16547	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16548	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16549	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16551	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16552	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16554	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16556	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
16558	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16560	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16561	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16567	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16577	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16579	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
16581	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
16582	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16583	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16584	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16586	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16588	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16590	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16592	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16593	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16594	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16595	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
16596	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16599	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
16603	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16604	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16606	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16608	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16610	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16612	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16616	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16617	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16620	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16625	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16626	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16627	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16629	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16632	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16633	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16635	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16636	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16637	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16640	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16644	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16645	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16648	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16652	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16653	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16655	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16663	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16664	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16665	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16666	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16667	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16670	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16672	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16673	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16674	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16676	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16677	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16682	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16683	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16685	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16686	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16687	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16693	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16695	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16701	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16702	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16705	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16711	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
16712	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16718	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16720	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16724	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16730	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16733	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16735	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16746	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16756	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16767	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16768	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16769	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16770	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16771	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16774	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16776	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16778	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16780	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16782	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16786	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16787	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16789	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16790	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16795	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16796	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16797	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16804	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16805	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16809	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16813	68108	7	6E-06	5E-01	5E-02	--	--	--	--	7E-03	--	3E-01	--	--	--	--	1E+03	--	1E+03
16819	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16822	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16823	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16833	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16834	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16837	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16845	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16846	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16847	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16848	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16852	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16853	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16854	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16855	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16856	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16857	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16863	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16864	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16868	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16870	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16872	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16873	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16878	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16879	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16883	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16886	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16894	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16897	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16898	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16899	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16902	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16905	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16908	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16909	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16910	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16912	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16914	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16915	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16935	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16948	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16951	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16952	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16955	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16964	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16966	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16968	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
16969	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16972	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16973	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
16979	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16981	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16987	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16988	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16989	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16991	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16993	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16999	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17003	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17004	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17005	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17008	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17009	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17017	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17018	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17022	68108	8	5E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
17024	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17026	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17027	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17029	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17031	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17033	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17035	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17036	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17037	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17038	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17045	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17046	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17048	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17049	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17050	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17054	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17056	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17060	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17062	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17066	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17068	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17070	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17073	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17075	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17078	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17079	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17080	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17083	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17087	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17092	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17093	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17094	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17098	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17101	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17103	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17111	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17112	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17120	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17121	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17125	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17126	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17131	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17137	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17139	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17141	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17146	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17147	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17148	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17152	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17156	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17157	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17159	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17164	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17170	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17173	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17180	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17188	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17200	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17204	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17205	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17206	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17210	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17212	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17218	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17225	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17230	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17232	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17233	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17239	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17242	68108	8	2E-06	6E-01	6E-02	--	--	--	4E-01	4E-02	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17245	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17246	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17247	68108	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17251	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17253	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17260	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17263	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17264	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17265	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17268	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17273	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17280	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17282	68108	8	6E-06	8E-01	9E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	5E-02	1E+03	--	1E+03
17289	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17291	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17297	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
17299	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17301	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17308	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17311	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17316	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17320	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17321	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17323	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17324	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17333	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17335	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17338	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17339	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17343	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17347	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17349	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17353	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17356	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17360	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17361	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17365	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17369	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17372	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17373	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17377	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17378	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17381	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17383	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17385	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17388	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17389	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17395	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17397	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17400	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17401	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17402	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17403	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17405	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17408	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17410	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17411	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17412	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17414	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
17416	68108	8	5E-06	4E-01	5E-02	--	--	--	1E-01	8E-03	--	3E-01	--	--	--	1E-02	1E+03	--	1E+03
17417	68108	8	5E-06	7E-01	8E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	1E+03	--	1E+03
17418	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17420	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17422	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17424	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17431	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17435	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17439	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17440	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17444	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17446	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17447	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17450	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17451	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17455	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17460	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17461	68108	8	3E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17467	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17470	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17474	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17478	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17479	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17481	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17483	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17488	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17490	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17492	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17494	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17496	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17498	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
17507	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17508	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17509	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17510	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17512	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17514	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17515	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17517	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17524	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17527	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17528	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17529	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17536	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17538	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17545	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17547	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17548	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17549	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17550	68108	8	1E-06	4E-01	5E-02	--	--	--	4E-01	2E-03	--	8E-02	--	--	--	4E-02	1E+03	--	1E+03
17553	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17554	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17555	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17556	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17558	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17563	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17564	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17565	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17567	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17577	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17579	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17580	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17581	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17582	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17585	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17586	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17593	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17595	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17596	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17599	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17603	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17607	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17617	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17620	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17622	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17623	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17626	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17630	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17631	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
17635	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17637	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17639	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17641	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17643	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17646	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17650	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17652	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17657	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17658	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17659	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17663	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17664	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17665	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17666	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17670	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17671	68108	8	1E-06	2E-01	2E-02	--	--	--	1E-01	9E-03	--	7E-02	--	--	--	1E-02	1E+03	--	1E+03
17674	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17679	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17689	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17693	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17698	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17699	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
17700	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17701	68108	8	5E-05	3E+00	4E-01	--	--	--	4E-01	5E-03	--	3E+00	--	--	--	4E-02	1E+03	--	1E+03
17703	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-02	--	1E-01	--	--	--	2E-02	1E+03	--	1E+03
17705	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
17707	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17708	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17710	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17711	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17714	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17715	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17716	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17721	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17726	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17730	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17732	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17740	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17742	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17744	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17751	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17754	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17755	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17759	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17760	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17761	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17766	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17771	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17772	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17774	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17775	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17776	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17778	68108	8	1E-05	9E-01	1E-01	--	--	--	4E-01	5E-03	--	5E-01	--	--	--	4E-02	1E+03	--	1E+03
17782	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17784	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17787	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17792	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
17793	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17797	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17799	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17801	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17804	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17810	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17811	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17813	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17815	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17818	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17819	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17823	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17828	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17829	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17830	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17832	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17834	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17836	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17840	68108	7	5E-06	4E-01	4E-02	--	--	--	--	1E-02	--	3E-01	--	--	--	--	1E+03	--	1E+03
17843	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17849	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
17851	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17852	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17857	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17858	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17859	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17861	68108	8	1E-05	9E-01	1E-01	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	1E+03	--	1E+03
17862	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17864	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
17865	68108	8	4E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
17868	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17872	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17874	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17879	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17881	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17882	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17884	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17886	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17891	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
17895	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17896	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17904	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17908	68108	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	1E+03	--	1E+03
17911	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17912	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17914	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17915	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17916	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17919	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17922	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17924	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17925	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17931	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17936	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17940	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17941	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17945	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	1E+03	--	1E+03
17947	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17949	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17953	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17956	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17958	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17963	68108	8	7E-06	8E-01	9E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	5E-02	1E+03	--	1E+03
17965	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17968	68108	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17971	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17972	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17980	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17981	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17985	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
17987	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
17989	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18010	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18016	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18022	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18032	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18037	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18038	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18050	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18061	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18063	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18066	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18069	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18070	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18075	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18077	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18079	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18082	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18084	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18087	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18089	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18090	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18091	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18093	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18096	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18098	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18100	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18103	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18106	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18108	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18109	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18111	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18112	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18113	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18115	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18116	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18119	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18123	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18126	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18127	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18129	68108	7	3E-06	3E-01	3E-02	--	--	--	--	1E-02	--	2E-01	--	--	--	--	1E+03	--	1E+03
18130	68108	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
18131	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18135	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18136	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18139	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18140	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18141	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18142	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18146	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18148	68108	8	2E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
18149	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18150	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18154	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18159	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18160	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18163	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18166	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18168	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18176	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18179	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	1E+03	--	1E+03
18185	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18188	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18191	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18194	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18195	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18196	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18198	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	1E+03	--	1E+03
18199	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18202	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18205	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18209	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18211	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18212	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18213	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18215	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18217	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18218	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
18219	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18221	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18222	68108	8	3E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	1E+03	--	1E+03
18228	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18231	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18234	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18235	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18238	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18241	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18242	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18244	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18245	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18246	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18249	68108	8	3E-06	7E-01	8E-02	--	--	--	5E-01	8E-03	--	2E-01	--	--	--	6E-02	1E+03	--	1E+03
18253	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18254	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18255	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18257	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18259	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18263	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18264	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18271	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18272	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18276	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18277	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18280	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18282	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18283	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18286	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18288	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18289	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18296	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18305	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18307	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18308	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18309	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18310	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18314	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18315	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18316	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18317	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18318	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18319	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18322	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18325	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18326	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18327	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18328	68108	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
18330	68108	8	6E-06	7E-01	8E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
18331	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18339	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
18340	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18341	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18343	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18345	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18348	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18350	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18357	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18361	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18366	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18373	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18375	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18377	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18379	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18380	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18384	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18385	68108	8	9E-06	9E-01	1E-01	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
18386	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18388	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18390	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18391	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18392	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18394	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18397	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18399	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18400	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18404	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18414	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18416	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18420	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18422	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18423	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18424	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18428	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18430	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18433	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18435	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18436	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18437	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18438	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18439	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18440	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18441	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18447	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18448	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18449	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18450	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18451	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18456	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18461	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-02	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
18467	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18468	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18471	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18475	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18476	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18477	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18483	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18484	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18486	68108	8	4E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
18487	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18488	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18492	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18494	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18497	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18498	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18501	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18502	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18504	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18506	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18509	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18510	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18512	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18515	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18518	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18519	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18521	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18522	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18526	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18530	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18532	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
18533	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18535	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18536	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18537	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18539	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18540	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18541	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18542	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18543	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18547	68108	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
18549	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18551	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18552	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18554	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18556	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18566	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18567	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18568	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18569	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18571	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18572	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18576	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18579	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18582	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18585	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18594	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18595	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18597	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18599	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18603	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18605	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18609	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18611	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18614	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18619	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18622	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18627	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18629	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18631	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18632	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18634	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18636	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18638	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18642	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18651	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18658	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18662	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18664	68108	8	3E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
18670	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18674	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18675	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18678	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18681	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18682	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18687	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
18691	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18692	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18694	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18696	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18697	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
18698	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18700	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18702	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18703	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18704	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18706	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18707	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18709	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18710	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18711	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18712	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
18716	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18718	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18720	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18721	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18724	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18725	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18726	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18731	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18742	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18748	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18749	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18751	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18756	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18758	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18760	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18761	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18766	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18768	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18771	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18772	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18774	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18779	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18780	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18781	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18784	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18788	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18793	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18794	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18799	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18800	68108	8	7E-07	5E-01	5E-02	--	--	--	4E-01	9E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03
18802	68108	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
18803	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18805	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18808	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18809	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18811	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18814	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18816	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18818	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18819	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18822	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18826	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18832	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18833	68108	8	3E-06	3E-01	4E-02	--	--	--	2E-01	6E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
18836	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18837	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18838	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18843	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18844	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18845	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18849	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18851	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18854	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18855	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18860	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18862	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18864	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18872	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18875	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18879	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18885	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18890	68108	8	9E-06	7E-01	7E-02	--	--	--	1E-01	5E-03	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
18892	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18893	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18896	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18899	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18903	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
18914	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18922	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18924	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18933	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18936	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18939	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18940	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
18941	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18943	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
18944	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18945	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18946	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18947	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18950	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18953	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18956	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18960	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18962	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18965	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18968	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
18972	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18974	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18975	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18976	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18977	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18978	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18981	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18982	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
18984	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
18985	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
18988	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
18990	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18991	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
18992	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18994	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18998	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19002	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19005	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19008	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19011	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19012	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19018	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19019	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19021	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19030	68108	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
19033	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19038	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19041	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19044	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19045	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19048	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19054	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19058	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19059	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19063	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19064	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19069	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19071	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19072	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19073	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19074	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19076	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19078	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19079	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19082	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19084	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19085	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19086	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19088	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19090	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19091	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19093	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19094	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19095	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19096	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19097	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19098	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19099	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19103	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19111	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19115	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19116	68108	8	7E-06	6E-01	6E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	2E+03	--	2E+03
19117	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19119	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19122	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19125	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19126	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
19130	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19136	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19138	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19140	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19144	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19151	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19153	68108	8	7E-06	6E-01	6E-02	--	--	--	1E-01	4E-03	--	4E-01	--	--	--	2E-02	2E+03	--	2E+03
19157	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19159	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19161	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19164	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19170	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19173	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19175	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19179	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19182	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19183	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19187	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19188	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19190	68108	8	9E-06	1E+00	1E-01	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	2E+03	--	2E+03
19191	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19193	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19194	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19195	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19197	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19198	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19199	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19201	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19203	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19205	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19206	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19207	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19209	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19210	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19211	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19212	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19214	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19224	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19243	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19244	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19247	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19251	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19254	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19255	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19256	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19258	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19262	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19264	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19268	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19269	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19276	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19277	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19279	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19280	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19281	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19289	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19290	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19292	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19294	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19299	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19301	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19312	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19313	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19315	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19341	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19343	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
19347	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19349	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19351	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19355	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19357	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19362	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19369	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19371	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
19373	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
19374	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19375	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19376	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19379	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19381	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19383	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19385	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19388	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19389	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19390	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19391	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19394	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19395	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19396	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19399	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19402	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19404	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19406	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19407	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19411	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19414	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19416	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19417	68108	8	3E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
19419	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19426	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19429	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19430	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19440	68108	8	5E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
19444	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
19449	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19450	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19455	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19460	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19464	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19465	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19466	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19467	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19468	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19470	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19472	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19473	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19474	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
19475	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19493	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19498	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19503	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19506	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19509	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19512	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19513	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19514	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19515	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19519	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19521	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19522	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19526	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19533	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19535	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19545	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19546	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19549	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19553	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19554	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19557	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19563	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19564	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19565	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19566	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19570	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19571	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19573	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19574	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19579	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19581	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19584	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19586	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19590	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19595	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19597	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19600	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19603	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19617	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19622	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19623	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19624	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19627	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19628	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19630	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19632	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19633	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19634	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19637	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19640	68108	8	9E-07	2E-01	2E-02	--	--	--	1E-01	3E-03	--	5E-02	--	--	--	1E-02	2E+03	--	2E+03
19643	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19644	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19650	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19651	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19652	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19653	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19654	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19656	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19660	68108	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
19661	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19662	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19665	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19674	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19680	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
19684	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19687	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19689	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19694	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19698	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19699	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19701	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19703	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19704	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19707	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19709	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19712	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19713	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19714	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19723	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19731	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19732	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19736	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19748	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19750	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19752	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19754	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19769	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19770	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19774	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19777	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19778	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19782	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19783	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19788	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19789	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19792	68108	8	4E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
19793	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19794	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19798	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19799	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19803	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19808	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19811	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19820	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19826	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19828	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19838	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19850	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19853	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19862	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19870	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19872	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19874	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19875	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
19880	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19882	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19883	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
19884	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19894	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19898	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
19902	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19904	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19905	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19906	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19909	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19917	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
19920	68108	8	1E-05	9E-01	1E-01	--	--	--	1E-01	5E-03	--	8E-01	--	--	--	1E-02	2E+03	--	2E+03
19930	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19933	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19937	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19948	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19949	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
19964	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19969	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19980	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19985	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19988	68108	8	7E-07	4E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
19991	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19996	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
19998	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20003	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20004	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20006	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20011	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20013	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20021	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20037	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20039	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20040	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20043	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20044	68108	8	9E-06	8E-01	9E-02	--	--	--	3E-01	1E-02	--	5E-01	--	--	--	3E-02	2E+03	--	2E+03
20046	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20047	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20051	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20053	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20055	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20060	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20061	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20063	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20068	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20078	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20081	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20083	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20084	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20086	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20087	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20090	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20091	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20100	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20103	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20104	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20109	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20115	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20117	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20122	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20127	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20136	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20137	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
20142	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20144	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20145	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20149	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
20151	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20154	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20158	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20160	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20165	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20167	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20168	68108	8	8E-06	8E-01	9E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
20169	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
20172	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20180	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20182	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20188	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20189	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20193	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20194	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20195	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20198	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20200	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20201	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20202	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20205	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20210	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20222	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
20225	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20229	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20230	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20231	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20237	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20240	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20242	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20244	68108	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
20252	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20256	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20258	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20264	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20266	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20269	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20274	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20279	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20282	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20283	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20284	68108	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
20285	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
20287	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
20289	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20292	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20294	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20302	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20304	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20308	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20311	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20314	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20318	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20320	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20337	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20341	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20344	68108	8	1E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	7E-02	--	--	--	1E-02	2E+03	--	2E+03
20345	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20356	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20357	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20358	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20363	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20367	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
20369	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20370	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20372	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20373	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20381	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20382	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20390	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20395	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20396	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20402	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20412	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20425	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20431	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20432	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20437	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20438	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20439	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20444	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20445	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20451	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20459	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20464	68108	8	3E-06	5E-01	5E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	3E-02	2E+03	--	2E+03
20467	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
20468	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20476	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20484	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20487	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20489	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20491	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20501	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20502	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20511	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20515	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20516	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20517	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20518	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20524	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20529	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20530	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20538	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20541	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20542	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20543	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20548	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20552	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20558	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20564	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20567	68108	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
20569	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20570	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20571	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20573	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20574	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
20575	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20581	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20582	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20588	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
20589	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20592	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20596	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20608	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
20617	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20620	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20623	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20627	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20629	68108	8	1E-05	9E-01	1E-01	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
20632	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20633	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20635	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20638	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20639	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20654	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20658	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
20660	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20664	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20671	68108	8	6E-06	5E-01	5E-02	--	--	--	1E-01	6E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
20676	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20677	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20689	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20695	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20699	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20719	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20724	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20729	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20731	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20732	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20734	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20736	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
20738	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20740	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20741	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20742	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20744	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20745	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20746	68108	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
20749	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20750	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20752	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
20755	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20758	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20766	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20771	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20778	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20780	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20782	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20784	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20785	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20786	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20793	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20795	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20799	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20802	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20806	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20808	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20811	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20816	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20818	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20822	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20827	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20831	68108	8	6E-06	7E-01	8E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
20832	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20835	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20846	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20864	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20865	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20866	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20870	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20875	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20880	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20881	68108	8	2E-06	4E-01	4E-02	--	--	--	2E-01	1E-02	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
20891	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20904	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20912	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20918	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20922	68108	8	2E-06	5E-01	5E-02	--	--	--	3E-01	1E-02	--	1E-01	--	--	--	3E-02	2E+03	--	2E+03
20926	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20929	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20938	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20939	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20940	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20941	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20968	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20972	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20974	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20978	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20979	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20981	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20982	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20988	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20989	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20991	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20992	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20996	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20998	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21003	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21004	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21006	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21017	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21026	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21030	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21039	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21044	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21063	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21084	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21091	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21103	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21118	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21121	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
21123	68108	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
21126	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21127	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21128	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21131	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21134	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21135	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21142	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21145	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21146	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21154	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21155	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21156	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21157	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21161	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21168	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21172	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21175	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21181	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21184	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21188	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21190	68108	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
21197	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21199	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21217	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21224	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21227	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21234	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21235	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21236	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21238	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21240	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21242	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21245	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21246	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21250	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21253	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21255	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
21256	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
21284	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21292	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21353	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21357	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21359	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21363	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
21370	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21383	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21389	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21392	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
21395	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21398	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21400	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21401	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21406	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21407	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
21413	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21416	68108	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
21422	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
21428	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21432	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21437	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21441	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21442	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21452	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
21456	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21461	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21463	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21502	68108	8	4E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
21506	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21508	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21510	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21512	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21518	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21526	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21534	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21554	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21556	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21569	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21572	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21573	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21575	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21582	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
21599	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21620	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21627	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21635	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21642	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21659	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21664	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21668	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21671	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21717	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21729	68108	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
21732	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21741	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21756	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21765	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21767	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21771	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21785	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21791	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21792	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21798	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21805	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21830	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21839	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21846	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21848	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21856	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21863	68108	8	5E-06	4E-01	5E-02	--	--	--	1E-01	8E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
21876	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21886	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21897	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21905	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21917	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21920	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21940	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21945	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21947	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21955	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21959	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21972	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21992	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22003	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22059	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22063	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22066	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22068	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22082	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22086	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22095	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22108	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22111	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22116	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22118	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22126	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22136	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22166	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22176	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22201	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22203	68108	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
22236	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22256	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22263	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22265	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22282	68108	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
22283	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22294	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22296	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22304	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22306	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22308	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34290	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49149	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49254	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49256	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49264	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49265	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49268	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49269	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49270	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49277	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50449	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50450	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50451	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50452	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50453	68108	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
50454	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50455	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50456	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50457	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50458	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50459	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50460	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50461	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50462	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50463	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50464	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50465	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50466	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50467	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50468	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50469	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50470	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50472	68108	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50486	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50518	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50523	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50524	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50525	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
50526	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50529	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50530	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50532	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50562	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50568	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50577	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50596	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50623	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50624	68108	8	4E-06	5E-01	6E-02	--	--	--	3E-01	2E-02	--	2E-01	--	--	--	3E-02	2E+03	--	2E+03
50651	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50652	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50674	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52419	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52420	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
62914	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
62915	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
64162	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
64395	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
74005	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
74047	68108	8	8E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
74643	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
75056	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
75057	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
79306	68108	8	2E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
84762	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
87492	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
87917	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
87919	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
87989	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
87990	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
87999	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
88000	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
88001	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
88002	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
88003	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
88004	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
88005	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
88015	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
88031	68108	8	9E-07	6E-01	6E-02	--	--	--	4E-01	6E-03	--	5E-02	--	--	--	5E-02	2E+03	--	2E+03
88078	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
88959	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
89283	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
89842	68108	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
90091	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90092	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90093	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90094	68108	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
90096	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90097	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
90529	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90599	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90600	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90601	68108	8	2E-06	5E-01	5E-02	--	--	--	3E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
90602	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
91071	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
91096	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
91300	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
91313	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
91531	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
92372	68108	8	6E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
92680	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
93003	68108	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
93004	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
93005	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93006	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
93007	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93008	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93009	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93010	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93031	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
93094	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93133	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93152	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
93214	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93455	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
93474	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93475	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93494	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
93496	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93497	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93520	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93521	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93522	68108	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
93579	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
152	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
155	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
165	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
186	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
191	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
192	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
193	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
196	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
198	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
203	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
204	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
206	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
209	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
210	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
211	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
212	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
217	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
226	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
232	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
233	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
234	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
235	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
236	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
238	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
239	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
241	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
242	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
244	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
246	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
248	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
252	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
253	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
289	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
290	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
292	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
294	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
299	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
301	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
302	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
303	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
304	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
306	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
309	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
312	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
313	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
314	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
316	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
317	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
320	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
321	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
322	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
324	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
325	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
326	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
329	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
333	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
334	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
335	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
342	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
345	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
348	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
352	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
358	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
361	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
364	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
365	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
368	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
369	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
370	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
373	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
374	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
376	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
378	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
379	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
382	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
383	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
387	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
390	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
392	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
395	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
396	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
398	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
400	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
403	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
404	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
405	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
407	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
412	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
416	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
419	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
422	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
423	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
424	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
425	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
426	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
430	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
431	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
432	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
433	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
435	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
436	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
437	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
439	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
445	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
446	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
447	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
448	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
450	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
451	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
454	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
456	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
457	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
459	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
461	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
463	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
464	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
466	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
471	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
472	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
475	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
480	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
481	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
482	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
486	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
488	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
489	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
491	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
497	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
499	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
504	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
508	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
509	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
510	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
516	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
517	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
520	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
529	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
538	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
608	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
611	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
619	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
621	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
650	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
721	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
879	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
954	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
969	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1001	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1005	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1027	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1034	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1047	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1050	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1053	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1064	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1070	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1071	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1077	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1089	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1092	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1094	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1097	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1103	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1107	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1114	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1118	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1121	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1124	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1126	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1128	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1129	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1130	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1131	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1132	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1199	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1200	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1205	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1207	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1209	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1233	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1313	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1319	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1342	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1352	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1369	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1378	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1379	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1449	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1494	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1509	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1511	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2018	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2069	68110	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2265	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2280	68110	13	3E-06	6E-01	6E-02	8E-02	--	9E-02	6E-02	6E-03	1E-01	2E-01	9E-03	--	1E-02	6E-03	2E+03	--	2E+03
2354	68110	13	4E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	7E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2355	68110	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
2533	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2534	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2539	68110	8	5E-06	5E-01	6E-02	--	--	--	2E-01	5E-03	--	3E-01	--	--	--	3E-02	2E+03	--	2E+03
2541	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2543	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2546	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2547	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3033	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3108	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3117	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
3136	68110	13	6E-06	7E-01	8E-02	9E-02	--	1E-01	8E-02	3E-03	1E-01	3E-01	1E-02	--	1E-02	8E-03	2E+03	--	2E+03
5202	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5203	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5257	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5258	68110	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5388	68110	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	9E-02	2E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5497	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5507	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5520	68110	13	8E-06	1E+00	1E-01	1E-01	--	1E-01	3E-01	7E-03	2E-01	4E-01	1E-02	--	2E-02	3E-02	2E+03	--	2E+03
5521	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5522	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5523	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5525	68110	13	5E-06	1E+00	1E-01	1E-01	--	1E-01	2E-01	1E-02	1E-01	3E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5526	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5527	68110	13	5E-06	8E-01	9E-02	1E-01	--	1E-01	2E-01	4E-03	1E-01	3E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5528	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5530	68110	13	4E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	8E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5531	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5532	68110	13	6E-06	8E-01	9E-02	1E-01	--	1E-01	1E-01	1E-02	1E-01	3E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5533	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5535	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5536	68110	13	4E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5539	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5540	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5541	68110	13	3E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5543	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5544	68110	13	2E-06	6E-01	6E-02	1E-01	--	1E-01	8E-02	3E-03	1E-01	1E-01	1E-02	--	1E-02	9E-03	2E+03	--	2E+03
5545	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5546	68110	13	4E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5549	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5551	68110	13	9E-06	1E+00	1E-01	1E-01	--	1E-01	3E-01	6E-03	1E-01	5E-01	1E-02	--	1E-02	3E-02	2E+03	--	2E+03
5552	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5553	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5554	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5556	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5557	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5558	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5559	68110	13	6E-06	1E+00	1E-01	1E-01	--	1E-01	2E-01	4E-03	1E-01	4E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5560	68110	13	6E-06	9E-01	9E-02	1E-01	--	1E-01	2E-01	5E-03	1E-01	3E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5561	68110	13	7E-06	9E-01	1E-01	1E-01	--	1E-01	2E-01	4E-03	1E-01	4E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5562	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5563	68110	13	3E-06	7E-01	8E-02	1E-01	--	1E-01	2E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5564	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5565	68110	13	4E-06	7E-01	8E-02	1E-01	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5566	68110	13	4E-06	7E-01	7E-02	9E-02	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5568	68110	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
5569	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5570	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5577	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5579	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5581	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5612	68110	13	7E-06	1E+00	1E-01	1E-01	--	1E-01	2E-01	6E-03	1E-01	4E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5614	68110	13	5E-06	8E-01	8E-02	9E-02	--	1E-01	1E-01	9E-03	1E-01	3E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5615	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5616	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5617	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5620	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5621	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5640	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5641	68110	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5642	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5643	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5646	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5647	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5648	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5649	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5650	68110	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
5651	68110	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5661	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5662	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5668	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5669	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5671	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5676	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5677	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5678	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5680	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5689	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26047	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26085	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26096	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26099	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26104	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26122	68110	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26133	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26169	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26175	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26180	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26182	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26186	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26198	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26201	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26218	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26234	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26238	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26239	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26243	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26252	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26253	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26259	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26260	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26267	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26298	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26341	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26365	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26367	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26369	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26384	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26386	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26389	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26393	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26398	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26402	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26410	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26411	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26447	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
26452	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26454	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26460	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26462	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26465	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26502	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26508	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26511	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26527	68110	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26533	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26540	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26544	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26546	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26548	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26550	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26551	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26557	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26559	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26563	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26568	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26572	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26584	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26608	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26622	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26623	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26627	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26639	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26697	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26701	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26703	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26704	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26706	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26707	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26708	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26709	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26731	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26762	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26809	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26823	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26835	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26838	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26841	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26843	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26846	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26862	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26873	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26895	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26917	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26919	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26921	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26924	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26929	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26946	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26969	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26974	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26975	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26979	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27023	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27030	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27034	68110	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
27044	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27049	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27057	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27059	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27065	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27069	68110	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
27076	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27088	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27089	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27098	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27126	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27181	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27187	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27232	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27233	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27235	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27261	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27284	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27287	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27291	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
27296	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27327	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27332	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27339	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27343	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27352	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27378	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27386	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27389	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27400	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27406	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27407	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27417	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27435	68110	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
27436	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27501	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27527	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27541	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27554	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27589	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27592	68110	8	5E-06	4E-01	5E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
27628	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27643	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27649	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27667	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27680	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27683	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
27690	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27693	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27704	68110	8	6E-06	8E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	5E-02	2E+03	--	2E+03
27730	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27735	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27749	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27753	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27756	68110	8	5E-06	7E-01	8E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
27771	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27781	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27796	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27815	68110	8	2E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
27816	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27818	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27820	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27821	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27822	68110	8	4E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27826	68110	8	3E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27828	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27835	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27838	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27839	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27840	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27841	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27844	68110	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
27847	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27849	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27852	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27855	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27881	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27884	68110	8	5E-06	4E-01	5E-02	--	--	--	1E-01	9E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27889	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27907	68110	8	1E-05	9E-01	1E-01	--	--	--	4E-01	3E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
27927	68110	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
27928	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27955	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27956	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27958	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27959	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27961	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27963	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27964	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27966	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27967	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27968	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27971	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27973	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27984	68110	8	9E-06	6E-01	7E-02	--	--	--	1E-01	7E-03	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
28012	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28021	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28053	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28061	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28068	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28070	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28071	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28073	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28074	68110	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28075	68110	8	5E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
28077	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28080	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28081	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28086	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28092	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28098	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28113	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28116	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28120	68110	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
28152	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28155	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28158	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
28163	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28164	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28166	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28167	68110	8	2E-06	2E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28175	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28184	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28189	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28194	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28198	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28200	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28203	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28205	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28207	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28208	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28211	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28215	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28221	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28226	68110	8	1E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	7E-02	--	--	--	4E-02	2E+03	--	2E+03
28233	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28234	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28235	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28240	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28242	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28243	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28244	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28249	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28250	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28251	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28256	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28257	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28258	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28259	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28261	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28262	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28264	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28268	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28271	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28278	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28298	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28309	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28323	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28334	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28335	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28336	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28339	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
28340	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28341	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28342	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28343	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28354	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28355	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28357	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28358	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28360	68110	8	8E-06	8E-01	9E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
28363	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28376	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28392	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28393	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28401	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28403	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28404	68110	8	4E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28414	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28418	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28421	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28425	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28455	68110	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28460	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28463	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28486	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28491	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28501	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28511	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28516	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28522	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28525	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28526	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28527	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28545	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28550	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28567	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28577	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28578	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28579	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28582	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28584	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28585	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28588	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28591	68110	8	5E-06	4E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
28593	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28595	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28624	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28647	68110	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
28654	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28658	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28662	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28666	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28667	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28670	68110	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28672	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28673	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28681	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28686	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28687	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28689	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28698	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28699	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28702	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28704	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28707	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28708	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28710	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28711	68110	8	6E-06	7E-01	8E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28715	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28717	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28719	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28726	68110	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	2E+03	--	2E+03
28742	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28756	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28761	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28765	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28769	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28774	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28795	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28797	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28801	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28802	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28807	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28808	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28813	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28817	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28820	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28823	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28824	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28827	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28839	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28848	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28857	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28859	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28860	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28862	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28863	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28867	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28891	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28902	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28903	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28905	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28910	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28912	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28916	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28919	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28923	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28924	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28929	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28938	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28944	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28948	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28953	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28974	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28977	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28986	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28995	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28999	68110	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
29000	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29005	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29011	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29014	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29018	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29020	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29024	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29026	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29027	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29029	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29042	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29044	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29055	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29058	68110	8	6E-06	5E-01	5E-02	--	--	--	1E-01	6E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
29059	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29063	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29084	68110	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
29087	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29091	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29092	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29093	68110	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29095	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29096	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29104	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29107	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29110	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29113	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29117	68110	8	5E-06	7E-01	8E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29120	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29121	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29124	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29135	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29151	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29154	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29156	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29159	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29164	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29194	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29197	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29199	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29202	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29207	68110	8	3E-06	3E-01	4E-02	--	--	--	2E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
29212	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29215	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29218	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29226	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29230	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29231	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29233	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29236	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29238	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
29249	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29257	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29267	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29269	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29271	68110	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	6E-02	--	--	--	4E-02	2E+03	--	2E+03
29273	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29275	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29277	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29282	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29283	68110	8	5E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
29284	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29287	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29288	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29289	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29290	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29292	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29295	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29298	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29312	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29315	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29319	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29323	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29324	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29329	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29332	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29338	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29345	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29346	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29350	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29353	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29360	68110	8	7E-06	2E+00	2E-01	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	2E-01	2E+03	--	2E+03
29361	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29363	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29365	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29367	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29371	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29374	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29376	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29382	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29387	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29389	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29393	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	6E-03	--	7E-02	--	--	--	2E-02	2E+03	--	2E+03
29412	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29421	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
29423	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29424	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29435	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29437	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29447	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29452	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29453	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29458	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29478	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29482	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29485	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29493	68110	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29494	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29500	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29503	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29505	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29506	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29510	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29513	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29515	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29524	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29530	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29533	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29542	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29545	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29549	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29550	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29554	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29587	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29590	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29591	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29593	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29609	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29610	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
29634	68110	8	5E-06	2E+00	2E-01	--	--	--	1E+00	5E-03	--	3E-01	--	--	--	2E-01	2E+03	--	2E+03
29637	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29640	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29645	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29647	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29651	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29653	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29657	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29663	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29665	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29674	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29679	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29685	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29686	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29687	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29692	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29693	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29696	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29698	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29701	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29708	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29723	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29726	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29728	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29730	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29732	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29734	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29738	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29740	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29742	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29744	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29745	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29746	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29750	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29752	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29753	68110	8	2E-06	6E-01	6E-02	--	--	--	4E-01	5E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29754	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29756	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29757	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29758	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29759	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29762	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29766	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29773	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29774	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29776	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29782	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29786	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29795	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29812	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29813	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29822	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29834	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29836	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29844	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29850	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29853	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29856	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29858	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29862	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29866	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29869	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29870	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29872	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29873	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29874	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29875	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29877	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29878	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29879	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29880	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29882	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29883	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29884	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29885	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29886	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29887	68110	8	6E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29892	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29906	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29908	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29909	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29911	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29913	68110	8	5E-06	5E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
29914	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29916	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29920	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	1E-02	2E+03	--	2E+03
29921	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	6E-02	--	--	--	2E-02	2E+03	--	2E+03
29925	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29931	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29934	68110	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
29936	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29939	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29941	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29942	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29943	68110	8	6E-06	7E-01	8E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29947	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29952	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29989	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30009	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30011	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30013	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30015	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30017	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30020	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30022	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30023	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30025	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30026	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30028	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30030	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30031	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30033	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30035	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30038	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
30043	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30046	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30053	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30056	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30057	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30059	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30061	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30064	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30108	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30113	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30118	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30127	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30134	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30138	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30142	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30149	68110	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
30151	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30152	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30172	68110	8	2E-05	1E+00	1E-01	--	--	--	1E-01	7E-03	--	9E-01	--	--	--	1E-02	2E+03	--	2E+03
30181	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30186	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30189	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30193	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30210	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
30247	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30250	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30266	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30271	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30277	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30279	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30281	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
30284	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30287	68110	1	--	7E-04	8E-05	--	--	--	--	7E-04	--	--	--	--	--	--	8E-05	--	--
30291	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30305	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30323	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30331	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30336	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30342	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30344	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30348	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30351	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30356	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30357	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30359	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30370	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30372	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30376	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30389	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30394	68110	8	5E-06	7E-01	8E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
30397	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30403	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30405	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30407	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30409	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30410	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30414	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30422	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30436	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30438	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30443	68110	8	4E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30446	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30459	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30469	68110	8	5E-06	6E-01	6E-02	--	--	--	3E-01	4E-03	--	3E-01	--	--	--	3E-02	2E+03	--	2E+03
30470	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30472	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30478	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30481	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30487	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30492	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30493	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30495	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30500	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30510	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30516	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30519	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30524	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30527	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30541	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30542	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30543	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30546	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30551	68110	8	5E-06	5E-01	6E-02	--	--	--	2E-01	5E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
30553	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30556	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30565	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30566	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30568	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30575	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
30579	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30582	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30590	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30593	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30594	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30598	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30604	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30607	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30611	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30615	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30631	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30632	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30633	68110	8	5E-06	5E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
30636	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30637	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30651	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30655	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30657	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30665	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30668	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30680	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30681	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30682	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30688	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	6E-02	--	--	--	2E-02	2E+03	--	2E+03
30689	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30698	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30705	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	9E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
30710	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30715	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30719	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30720	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30727	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30730	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30734	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30736	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30738	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30739	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30740	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30741	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30748	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30771	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30774	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30778	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30784	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30786	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30788	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30789	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30797	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30803	68110	8	4E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
30811	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30815	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30827	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30840	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30842	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30845	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30851	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30852	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30853	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30854	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
30865	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30867	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30869	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30870	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30872	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30875	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30878	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30883	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30890	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30892	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30896	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30900	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30938	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30940	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30944	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30950	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
30954	68110	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
30961	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30963	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30980	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30982	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30986	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30987	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30992	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30994	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30998	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31002	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31021	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31025	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31028	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31033	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31038	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31039	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31043	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31048	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31068	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31084	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31085	68110	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
31094	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31097	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
31098	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31105	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31111	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31150	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31153	68110	8	5E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
31155	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31158	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31160	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31165	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31166	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31170	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31174	68110	8	5E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
31177	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31187	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31195	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31197	68110	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
31201	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31204	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31216	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31223	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
31224	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31228	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31231	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31235	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31250	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31260	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31263	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31278	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31289	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31290	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31293	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31314	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
31326	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31327	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31329	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31332	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31335	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31343	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31347	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31350	68110	8	3E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31354	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31359	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31369	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31394	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31399	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31401	68110	8	5E-06	7E-01	8E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	5E-02	2E+03	--	2E+03
31410	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31422	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31448	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31459	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31462	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31466	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31486	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31493	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31496	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31504	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31536	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31537	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31539	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31543	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31552	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31568	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31594	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31596	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31605	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31614	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31623	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31630	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31632	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31633	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31639	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31645	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31648	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31652	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31665	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31675	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31690	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31709	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31720	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31738	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31743	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31749	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31753	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31757	68110	8	3E-06	7E-01	7E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31760	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	5E-02	--	--	--	1E-02	2E+03	--	2E+03
31767	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31781	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31807	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31814	68110	8	8E-06	6E-01	7E-02	--	--	--	1E-01	3E-03	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
31818	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31820	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31830	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31832	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31842	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31867	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31893	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31898	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31912	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31920	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31931	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31942	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31951	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31953	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31956	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31957	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31959	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	8E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
31962	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31966	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31982	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31990	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32019	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32029	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32039	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32043	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32044	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32056	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32060	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32063	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32068	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32069	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32078	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32080	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32086	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32088	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32122	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32127	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32130	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32141	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32165	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32173	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32211	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32214	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32216	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32220	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32223	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32229	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32238	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32242	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32245	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32247	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32254	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32258	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32271	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32290	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32292	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32295	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32299	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32312	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32329	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32343	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32354	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32356	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32357	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32363	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32373	68110	8	8E-06	6E-01	7E-02	--	--	--	1E-01	8E-03	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
32392	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32394	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32401	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32402	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32404	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32422	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32448	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32468	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32469	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32471	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32484	68110	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
32493	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32495	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32500	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32508	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32516	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32520	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32525	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32526	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32529	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32536	68110	8	2E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
32540	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32564	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32570	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
32584	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32588	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32601	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32610	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32621	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32627	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32628	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32635	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32637	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32641	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32645	68110	8	5E-06	5E-01	5E-02	--	--	--	2E-01	6E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
32650	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32657	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32660	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32666	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32683	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32700	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32707	68110	8	5E-06	5E-01	5E-02	--	--	--	2E-01	1E-02	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
32712	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32716	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32719	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32721	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32723	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32727	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32728	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32729	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32732	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32733	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32734	68110	8	2E-06	6E-01	6E-02	--	--	--	5E-01	6E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
32744	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32752	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32769	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32786	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32788	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32801	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32822	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32826	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32828	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32839	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32849	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32850	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32867	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32869	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32872	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32875	68110	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
32883	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32887	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32895	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32899	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32903	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32908	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32915	68110	8	3E-06	3E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
32919	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32920	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32927	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32937	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32939	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32945	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32947	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32950	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32951	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32952	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32954	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32955	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32959	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32961	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32962	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32981	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32986	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32995	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32996	68110	8	2E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33020	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33029	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33038	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33057	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33078	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
33083	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33084	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
33119	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33122	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33127	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33128	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33136	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33147	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33161	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33174	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33176	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33183	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33209	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33215	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33219	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33229	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33234	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33254	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33257	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33267	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33269	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33273	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33276	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33280	68110	8	4E-06	4E-01	4E-02	--	--	--	2E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
33282	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33287	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33289	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33290	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33294	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33295	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33297	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33298	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33304	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33318	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33323	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33326	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33330	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33353	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33364	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33370	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33396	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33403	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33404	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33413	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33417	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33418	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33421	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33422	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33423	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33427	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33434	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33435	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33443	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33444	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33445	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33446	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33448	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33452	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33455	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33457	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33459	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33468	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
33472	68110	8	2E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	1E-02	2E+03	--	2E+03
33476	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33477	68110	8	3E-06	5E-01	6E-02	--	--	--	3E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33481	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33483	68110	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33486	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33491	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33498	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33502	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33507	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33508	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33510	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33512	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
33513	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33516	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33518	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33519	68110	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33529	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33539	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33540	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33543	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33547	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33548	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33555	68110	8	5E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
33557	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33560	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33576	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33582	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33585	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33586	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33592	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33594	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33595	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33596	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33602	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33606	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33613	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33616	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33626	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33629	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33635	68110	7	4E-06	3E-01	4E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
33638	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33642	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33643	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33646	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33649	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33659	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33660	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33663	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33687	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33692	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33693	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33697	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33706	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33714	68110	8	5E-06	7E-01	8E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
33725	68110	8	5E-06	4E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
33731	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33735	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33739	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33747	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33765	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33770	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33771	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33776	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33778	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33779	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33791	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33793	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33801	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33808	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33811	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33814	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33816	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33820	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33824	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33828	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33829	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33834	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33836	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33840	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33846	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33847	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33849	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33852	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33853	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33857	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33860	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33862	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33864	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33866	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33872	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33874	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33876	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33877	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33879	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33880	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33881	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33883	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33884	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33887	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33892	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33897	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33898	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33902	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33905	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33907	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33909	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33912	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33914	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33916	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33917	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33918	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33920	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33921	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33927	68110	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33929	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33934	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33936	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33940	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33958	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33961	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33962	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33963	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33965	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33973	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33975	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33990	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33991	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33994	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34000	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34002	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34007	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34009	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34022	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34023	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34024	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34029	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34030	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34033	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34035	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34038	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34039	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34046	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34047	68110	8	1E-05	1E+00	1E-01	--	--	--	2E-01	4E-03	--	8E-01	--	--	--	2E-02	2E+03	--	2E+03
34050	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34054	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34055	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34081	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34098	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34100	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34102	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34104	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34108	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34109	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34110	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34114	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34116	68110	8	4E-06	4E-01	5E-02	--	--	--	1E-01	1E-02	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
34121	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34123	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34133	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34152	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34168	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34188	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34195	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34205	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34218	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34227	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34230	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34232	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34235	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34237	68110	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
34242	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34260	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
34261	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34262	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34265	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34266	68110	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	9E-02	--	--	--	2E-02	2E+03	--	2E+03
34267	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34269	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34270	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34271	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34272	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34273	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34274	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34275	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34276	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34277	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34278	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34279	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34281	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34283	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34284	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34285	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34286	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34287	68110	8	1E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	8E-02	--	--	--	2E-02	2E+03	--	2E+03
34288	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34289	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34524	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34526	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34546	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34590	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34592	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34601	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34608	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34611	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34613	68110	8	7E-07	5E-01	5E-02	--	--	--	4E-01	9E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
34619	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34620	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34625	68110	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34631	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34636	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34638	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34640	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34642	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34646	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34650	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34658	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34660	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34662	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34666	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34673	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34674	68110	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34677	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34678	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34680	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34683	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34696	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34697	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34702	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34708	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34710	68110	8	6E-06	5E-01	6E-02	--	--	--	1E-01	2E-03	--	4E-01	--	--	--	2E-02	2E+03	--	2E+03
34712	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34715	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34719	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34726	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34731	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34733	68110	8	2E-05	1E+00	1E-01	--	--	--	1E-01	6E-03	--	1E+00	--	--	--	1E-02	2E+03	--	2E+03
34738	68110	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34742	68110	8	7E-07	5E-01	6E-02	--	--	--	5E-01	7E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03
34763	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34768	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34770	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34772	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34773	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34775	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34779	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34787	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34795	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34804	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34807	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34811	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34815	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34816	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34818	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34821	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34824	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34828	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34834	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34837	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34847	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34848	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34854	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34861	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34866	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34878	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34879	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34886	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34895	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34899	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34902	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34905	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34909	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34913	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34915	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34933	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34952	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34955	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34961	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34965	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34969	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34972	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34973	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34989	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34991	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34997	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34998	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35004	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35008	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35009	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35012	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35013	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35015	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35016	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35020	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35022	68110	8	1E-06	2E-01	2E-02	--	--	--	1E-01	7E-03	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
35025	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35036	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35038	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35047	68110	8	3E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
35048	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35065	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35070	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35071	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35085	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35086	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35088	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35105	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35114	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35116	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35131	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35132	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35140	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35148	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35158	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35171	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35174	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35176	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35178	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35180	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
35182	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35183	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
35185	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35188	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35191	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35192	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35196	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35200	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35202	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35207	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35209	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35212	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35215	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35235	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35237	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35245	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35249	68110	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
35256	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35259	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35261	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35265	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35278	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35286	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35292	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35298	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35300	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35303	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35304	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35308	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35313	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35315	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35318	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35319	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35320	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35321	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35325	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35326	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35327	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35330	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35331	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35333	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35338	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35339	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35340	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35341	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35342	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35343	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35344	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35346	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35347	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35348	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35349	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35353	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35364	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35365	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35366	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35372	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35381	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35384	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
35390	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35391	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35396	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35400	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35402	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35410	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35413	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35419	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35421	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35431	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35432	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35438	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
35446	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35450	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35452	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35454	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35457	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35459	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35461	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35463	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35464	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35465	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35467	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35472	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35476	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35477	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35479	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35480	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35482	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35485	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35486	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35487	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35490	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35491	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35494	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35497	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35501	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
35502	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35520	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35522	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35525	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35526	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35528	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35530	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35533	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35539	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35546	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35551	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35555	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35558	68110	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
35569	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35578	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35582	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35583	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35589	68110	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
35606	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35609	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35616	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35617	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35625	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35627	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35628	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35629	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35631	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35634	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35635	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35637	68110	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
35639	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35640	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35656	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35659	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35661	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35662	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35663	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35665	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35669	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35680	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35681	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35682	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35686	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35694	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35695	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35696	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35703	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35710	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
35719	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35720	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35732	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35737	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35739	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35742	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35746	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35747	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35754	68110	8	3E-06	4E-01	4E-02	--	--	--	1E-01	2E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
35757	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35759	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35764	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35766	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35767	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35770	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35774	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35779	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35784	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35787	68110	8	8E-07	4E-01	5E-02	--	--	--	4E-01	6E-03	--	5E-02	--	--	--	4E-02	2E+03	--	2E+03
35792	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
35793	68110	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
35797	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35808	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35834	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35847	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35855	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35870	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35897	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35905	68110	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
35913	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35914	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35916	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35923	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35942	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35952	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35953	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35957	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35972	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35996	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36037	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36060	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36061	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36068	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36076	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36152	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36189	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
36611	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36750	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36758	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36879	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36886	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36893	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36900	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36905	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37069	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37075	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
37077	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37079	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37081	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37083	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37086	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37091	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37092	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37096	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37137	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37188	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37258	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37305	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37332	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37362	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37398	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37401	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37434	68110	8	6E-06	8E-01	9E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
37456	68110	8	6E-06	5E-01	5E-02	--	--	--	1E-01	1E-02	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
37522	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37523	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37525	68110	8	1E-05	7E-01	8E-02	--	--	--	1E-01	1E-02	--	5E-01	--	--	--	2E-02	2E+03	--	2E+03
37528	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37532	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37534	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37562	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37615	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37652	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37656	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37667	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37673	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37674	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
37707	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37810	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37821	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
37865	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37909	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37915	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37977	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37985	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38063	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38086	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38089	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38092	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38120	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38205	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38211	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38239	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38263	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38273	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38451	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38458	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38471	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38518	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38570	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38571	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38602	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38609	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38697	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38699	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38719	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38725	68110	8	1E-05	9E-01	1E-01	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
38757	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38774	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38791	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38829	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38832	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38863	68110	8	1E-05	1E+00	1E-01	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	2E+03	--	2E+03
38878	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38916	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38921	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38950	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38954	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38955	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38959	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
39000	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39006	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39015	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
39037	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39124	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39142	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
39174	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39189	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
39209	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
39226	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
39271	68110	7	2E-06	2E-01	3E-02	--	--	--	--	5E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
39272	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39274	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39277	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39279	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
39281	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39434	68110	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
39437	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39441	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
39445	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39448	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39493	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39500	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
39523	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39559	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
39572	68110	8	6E-05	4E+00	4E-01	--	--	--	4E-01	5E-03	--	4E+00	--	--	--	4E-02	2E+03	--	2E+03
39583	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39594	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39598	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39605	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
39619	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39635	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39650	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39654	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
39657	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
39683	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49164	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49181	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49336	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49343	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50034	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50037	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50039	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50252	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50253	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50254	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50255	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50256	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50257	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50258	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50259	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50260	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50261	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50401	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50440	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50481	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50482	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50483	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50572	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50590	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50602	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50617	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
55636	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
55642	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
55643	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
55644	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
55645	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
55649	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
63316	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
63319	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
66088	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
73891	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
73892	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
74149	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
74155	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
75834	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
77563	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
79377	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
79566	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
81395	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
81396	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
81397	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
81398	68110	8	2E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
81399	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
81400	68110	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
81401	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
81402	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
81403	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
81404	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
87991	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
87996	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
88030	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
88049	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
88194	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
88205	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
88318	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
90100	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90165	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
90539	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90706	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90707	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90857	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
90907	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
90908	68110	8	5E-06	7E-01	7E-02	--	--	--	3E-01	8E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
91240	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
91449	68110	8	8E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
91602	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
91603	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
91604	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
91608	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
91732	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
92499	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
92500	68110	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
92501	68110	8	3E-06	5E-01	6E-02	--	--	--	3E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
92505	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
92511	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
92674	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
92675	68110	8	2E-06	5E-01	5E-02	--	--	--	3E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
92843	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
92845	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
92849	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
92851	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
92883	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93337	68110	8	2E-06	5E-01	5E-02	--	--	--	3E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
93338	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
93339	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93340	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93341	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93342	68110	8	3E-06	5E-01	6E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
93343	68110	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93344	68110	8	2E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
93345	68110	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
93374	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93375	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93376	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93377	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
223	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
227	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
249	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
250	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
255	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
276	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
305	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
310	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
318	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
336	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
339	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
363	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
465	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
470	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
476	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
500	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
537	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
540	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
542	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
546	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
553	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
554	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
559	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
560	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
561	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
563	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
564	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
565	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
566	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
568	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
571	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
573	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
574	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
576	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
579	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
580	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
581	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
582	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
587	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
589	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
591	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
592	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
594	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
595	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
600	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
603	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
604	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
614	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
617	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
618	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
620	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
625	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
627	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
628	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
630	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
631	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
637	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
643	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
646	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
648	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
651	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
653	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
665	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
666	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
667	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
668	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
669	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
670	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
671	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
672	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
673	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
675	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
676	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
677	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
678	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
679	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
680	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
681	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
682	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
683	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
684	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
685	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
687	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
688	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
689	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
691	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
692	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
693	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
694	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
695	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
696	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
697	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
698	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
699	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
703	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
705	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
706	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
712	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
713	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
714	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
715	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
716	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
717	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
719	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
722	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
725	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
727	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
728	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
729	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
730	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
735	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
738	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
741	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
742	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
743	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
744	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
745	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
746	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
748	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
749	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
750	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
753	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
758	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
760	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
761	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
763	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
764	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
765	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
767	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
770	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
771	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
774	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
775	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
778	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
779	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
780	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
781	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
784	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
787	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
788	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
790	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
793	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
794	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
795	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
797	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
799	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
801	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
802	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
803	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
804	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
808	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
809	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
810	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
811	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
813	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
814	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
816	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
817	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
820	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
821	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
822	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
828	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
829	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
831	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
832	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
839	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
840	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
841	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
842	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
843	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
844	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
845	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
846	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
847	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
848	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
849	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
850	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
851	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
852	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
853	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
854	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
856	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
858	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
859	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
860	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
861	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
863	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
864	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
865	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
866	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
867	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
871	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
873	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
876	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
877	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
884	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
909	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
942	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
944	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
945	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
946	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
948	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
956	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
962	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
965	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
967	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
977	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
978	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
980	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
982	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
983	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
984	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
988	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
990	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
993	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1008	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1021	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1022	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1024	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1030	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1032	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1061	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1062	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1063	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1066	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1075	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1078	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1081	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1082	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1085	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1090	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1091	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1096	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1101	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1108	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1110	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1125	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1127	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1134	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1143	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1145	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1147	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1149	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1153	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1154	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1157	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1158	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1159	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1194	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1202	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1204	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1206	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1208	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1211	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1213	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1221	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1225	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1238	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1246	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1251	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1262	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1264	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1265	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1266	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1275	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1277	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1285	68111	1	--	9E-04	1E-04	--	--	--	--	9E-04	--	--	--	--	--	--	1E-04	--	--
1288	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1289	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1292	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1295	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1298	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1305	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1306	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1309	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1320	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1325	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1329	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1330	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1335	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1336	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1337	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1338	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1340	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1343	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1345	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1350	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1353	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1368	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1372	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1376	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1377	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1397	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1402	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1422	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1425	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1426	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1427	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1430	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1431	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1432	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1434	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1435	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1436	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1438	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1439	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1440	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1441	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1442	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1443	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1444	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1445	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1446	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1447	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1448	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1460	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1464	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1468	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1473	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1474	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1476	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1482	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1483	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1484	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1486	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1487	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1489	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1490	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1491	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
1493	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1497	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1498	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2008	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2035	68111	13	4E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2075	68111	13	9E-06	1E+00	1E-01	9E-02	--	1E-01	4E-01	3E-03	1E-01	5E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2095	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
2103	68111	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	3E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2109	68111	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	2E-02	--	1E-02	4E-02	2E+03	--	2E+03
2112	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2118	68111	8	8E-07	2E-01	2E-02	--	--	--	1E-01	2E-03	--	4E-02	--	--	--	2E-02	2E+03	--	2E+03
2119	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2121	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2123	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2126	68111	13	2E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2150	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2154	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	7E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2160	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2169	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2173	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2175	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2179	68111	13	1E-05	1E+00	1E-01	1E-01	--	9E-02	4E-01	3E-03	1E-01	7E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2202	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2204	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2208	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2216	68111	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2225	68111	13	3E-06	1E+00	1E-01	9E-02	--	2E-01	4E-01	4E-03	1E-01	1E-01	1E-02	--	3E-02	4E-02	2E+03	--	2E+03
2231	68111	13	7E-07	6E-01	6E-02	3E-02	--	5E-02	4E-01	5E-03	6E-02	4E-02	4E-03	--	6E-03	4E-02	2E+03	--	2E+03
2232	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2242	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2246	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2262	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
2281	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2286	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2287	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2288	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2290	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
2298	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2305	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2310	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2343	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2344	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2349	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2365	68111	13	3E-06	6E-01	6E-02	1E-01	--	1E-01	4E-02	2E-03	1E-01	1E-01	1E-02	--	1E-02	5E-03	2E+03	--	2E+03
2366	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2375	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2406	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2407	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2425	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
2542	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2548	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2549	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2559	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2560	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
2562	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2565	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
2566	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2571	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2572	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2573	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2574	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2576	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2577	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
2579	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2580	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2583	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3009	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3014	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3016	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3019	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
3046	68111	13	3E-06	5E-01	6E-02	9E-02	--	9E-02	5E-02	4E-03	1E-01	2E-01	1E-02	--	1E-02	5E-03	2E+03	--	2E+03
3051	68111	13	2E-06	5E-01	6E-02	1E-01	--	9E-02	9E-02	2E-03	1E-01	1E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
3053	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3058	68111	13	2E-05	1E+00	1E-01	1E-01	--	1E-01	5E-02	4E-03	1E-01	1E+00	1E-02	--	1E-02	6E-03	2E+03	--	2E+03
3069	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3070	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
3075	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3081	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3088	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
3089	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
3091	68111	13	1E-04	7E+00	8E-01	7E-02	--	8E-02	7E-02	3E-03	1E-01	7E+00	8E-03	--	9E-03	8E-03	2E+03	--	2E+03
3095	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
3102	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
3106	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3119	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3133	68111	13	3E-06	6E-01	6E-02	9E-02	--	1E-01	5E-02	3E-03	1E-01	2E-01	1E-02	--	1E-02	5E-03	2E+03	--	2E+03
3134	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3138	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3147	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3151	68111	13	2E-06	4E-01	4E-02	8E-02	--	7E-02	5E-02	9E-03	7E-02	9E-02	8E-03	--	7E-03	6E-03	2E+03	--	2E+03
3162	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
3169	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
3170	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3177	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3186	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3187	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3189	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3191	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3195	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3196	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3198	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
3201	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3213	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3214	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3218	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5001	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5003	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5007	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5008	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5013	68111	13	4E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5014	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5015	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5016	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5022	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5023	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5025	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5031	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5032	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5034	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5035	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5044	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5046	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5085	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5090	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
5091	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5092	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5094	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5095	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5169	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5170	68111	13	7E-07	7E-01	8E-02	1E-01	--	1E-01	4E-01	2E-03	1E-01	4E-02	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5171	68111	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	4E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5204	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5205	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5206	68111	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5207	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5208	68111	13	3E-06	9E-01	1E-01	9E-02	--	1E-01	4E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5215	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5216	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5217	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5218	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5219	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5220	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5221	68111	13	4E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5222	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5230	68111	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	7E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5231	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5232	68111	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	1E-02	1E-01	2E-01	1E-02	--	2E-02	4E-02	2E+03	--	2E+03
5233	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5234	68111	13	3E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	9E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5235	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5236	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	9E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5237	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5238	68111	13	4E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5239	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5240	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5241	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5242	68111	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	2E+03	--	2E+03
5243	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5245	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5246	68111	13	6E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	7E-03	1E-01	3E-01	1E-02	--	2E-02	4E-02	2E+03	--	2E+03
5247	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5248	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5249	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5250	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5252	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5253	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5286	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5287	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5288	68111	13	2E-06	9E-01	1E-01	1E-01	--	2E-01	4E-01	7E-03	1E-01	1E-01	1E-02	--	2E-02	4E-02	2E+03	--	2E+03
5289	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5290	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5291	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5292	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5293	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5294	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5295	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5296	68111	13	7E-07	7E-01	7E-02	8E-02	--	1E-01	4E-01	4E-03	9E-02	4E-02	8E-03	--	1E-02	4E-02	2E+03	--	2E+03
5329	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5330	68111	13	6E-06	7E-01	8E-02	9E-02	--	1E-01	6E-02	9E-03	1E-01	3E-01	9E-03	--	1E-02	6E-03	2E+03	--	2E+03
5333	68111	12	2E-06	5E-01	5E-02	1E-01	--	9E-02	--	3E-03	1E-01	1E-01	1E-02	--	1E-02	--	2E+03	--	2E+03
5513	68111	13	4E-06	8E-01	9E-02	1E-01	--	1E-01	2E-01	4E-03	2E-01	2E-01	1E-02	--	1E-02	2E-02	2E+03	--	2E+03
5514	68111	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	2E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5515	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5516	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5518	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5519	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5611	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5618	68111	13	3E-06	7E-01	7E-02	1E-01	--	1E-01	1E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	1E-02	2E+03	--	2E+03
5619	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5625	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5645	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5655	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5665	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5681	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5686	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5687	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25624	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25637	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25640	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25645	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25646	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Medium: Surface Soil
Exposure Medium: Surface Soil

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25647	68111	7	4E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
25648	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25649	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25651	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25652	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25658	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25660	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25662	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25663	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
25669	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25670	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
25671	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25673	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25674	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25675	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25678	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25679	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25680	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25681	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25682	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25683	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25684	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25685	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25686	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25687	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25688	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25695	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25696	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25697	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25698	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25699	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25701	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25705	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25706	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25708	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
25709	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
25716	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25718	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25719	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25724	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25726	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25727	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25730	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25731	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25732	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25735	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25736	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25738	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25739	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25741	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25742	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25745	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25747	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25749	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25750	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
25754	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25755	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25756	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25758	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25759	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25761	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25762	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25763	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25764	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25765	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25766	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25768	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25769	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25770	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25771	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25772	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25773	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25774	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25775	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25776	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25778	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25779	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25780	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
25781	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25782	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25785	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25786	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
25787	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25788	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25790	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25793	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25794	68111	8	3E-06	6E+00	7E-01	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
25796	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25797	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25801	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25803	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25804	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
25805	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
25807	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25808	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25809	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25810	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25811	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25813	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25814	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25815	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25816	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25817	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25818	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25819	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25821	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25823	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25824	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25825	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25826	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25827	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25828	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25829	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25830	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25831	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25833	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25834	68111	8	3E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
25836	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25837	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25838	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25840	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25843	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25844	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25845	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25847	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25848	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25849	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
25850	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25851	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25853	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25854	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25855	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25860	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25862	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25863	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25864	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25866	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25868	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25869	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
25870	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25871	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25872	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25873	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25874	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
25875	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25876	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25877	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
25879	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25883	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25884	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25894	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
25896	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25898	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25899	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25903	68111	8	7E-07	6E-01	6E-02	--	--	--	5E-01	7E-03	--	4E-02	--	--	--	6E-02	2E+03	--	2E+03
25907	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25908	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25910	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25912	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25915	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25918	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	1E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
25919	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25921	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	1E-02	--	6E-02	--	--	--	1E-02	2E+03	--	2E+03
25924	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25925	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25927	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25930	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25931	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25932	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25933	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25935	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25936	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25937	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25938	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25939	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25942	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25943	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25944	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25947	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25949	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25950	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25952	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25953	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25955	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25956	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25958	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25961	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25962	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25963	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25964	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25965	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25968	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25970	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25971	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25972	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25973	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25974	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25975	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25976	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25977	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
25978	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25979	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25980	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25981	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25982	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25983	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25984	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25985	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
25986	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25987	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25988	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25990	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25991	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25992	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25993	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25995	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25996	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26000	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26002	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26004	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26005	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
26006	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26007	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26008	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26009	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
26011	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
26012	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26018	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26020	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26021	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26025	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26027	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26029	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26030	68111	8	4E-06	4E-01	5E-02	--	--	--	1E-01	7E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
26032	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26033	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26034	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26035	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26036	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26038	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26039	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26040	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26041	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26042	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26043	68111	8	4E-06	4E+00	4E-01	--	--	--	4E+00	5E-03	--	2E-01	--	--	--	4E-01	2E+03	--	2E+03
26045	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26049	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26051	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26052	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26053	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
26054	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26055	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26056	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26057	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26061	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26062	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26063	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26065	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26067	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26068	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26069	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26070	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26072	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26076	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26077	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26078	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26079	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26080	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26082	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26083	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26084	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26086	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26087	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26088	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26089	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26090	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26092	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26093	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26100	68111	7	2E-05	1E+00	1E-01	--	--	--	--	5E-03	--	1E+00	--	--	--	--	2E+03	--	2E+03
26101	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26102	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26103	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26106	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26107	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26108	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26110	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26112	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26113	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26114	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26115	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26116	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26117	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26118	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26119	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26120	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26123	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26124	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
26126	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26129	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26131	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26132	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26135	68111	8	1E-06	2E-01	3E-02	--	--	--	2E-01	4E-03	--	8E-02	--	--	--	2E-02	2E+03	--	2E+03
26137	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26139	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26140	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26141	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26142	68111	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
26144	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26145	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26146	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26147	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26149	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03
26150	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26153	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26154	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26157	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26158	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26159	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26160	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26161	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26162	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26164	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26165	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26166	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26168	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26170	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26172	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26173	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26174	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26176	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26177	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26178	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26179	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26183	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26184	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26185	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26187	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26188	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26189	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26190	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26191	68111	8	4E-06	4E-01	4E-02	--	--	--	2E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
26193	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26194	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26195	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26196	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26199	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26200	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26202	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	4E-03	--	9E-02	--	--	--	1E-02	2E+03	--	2E+03
26203	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26204	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
26205	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26206	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26209	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26210	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26211	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26212	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26213	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26214	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26215	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
26216	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26217	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26222	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26224	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26225	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26226	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26227	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26228	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26229	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
26230	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26231	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26232	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26233	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26235	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26236	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26240	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26241	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26242	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26246	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26248	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26249	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26251	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26256	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26257	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26261	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26263	68111	8	6E-05	4E+00	4E-01	--	--	--	4E-01	6E-03	--	3E+00	--	--	--	4E-02	2E+03	--	2E+03
26264	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26265	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26266	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26268	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26269	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26270	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26271	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26273	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26274	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26275	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26276	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26277	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26279	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26281	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26282	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26283	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26284	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26285	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26286	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26288	68111	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
26289	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
26290	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26291	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26292	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26293	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26294	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26295	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26296	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26300	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26301	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26303	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26304	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26305	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26306	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26307	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26308	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26310	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26311	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26312	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26313	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26314	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26316	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26318	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26319	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26320	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26322	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26323	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26324	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26326	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26327	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
26328	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26329	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26330	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26331	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26332	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26333	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26334	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26335	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26337	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26340	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26343	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26344	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26345	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26347	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26348	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26349	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26351	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
26352	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26353	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26354	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26356	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26357	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26359	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26360	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26361	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26362	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26363	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26364	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26366	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26368	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26370	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26371	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26372	68111	8	1E-04	8E+00	9E-01	--	--	--	4E-01	2E-02	--	8E+00	--	--	--	4E-02	2E+03	--	2E+03
26373	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26375	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26376	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26377	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26379	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26381	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26385	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26390	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26392	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26394	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26395	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26396	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26397	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26399	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26401	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26403	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26404	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26405	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26406	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26407	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26408	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26409	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26412	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26417	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26418	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26419	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26420	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26421	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26422	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26424	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26427	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26428	68111	8	7E-06	1E+00	1E-01	--	--	--	9E-01	1E-02	--	4E-01	--	--	--	1E-01	2E+03	--	2E+03
26429	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26430	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26431	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26432	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26433	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26434	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26436	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26438	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26442	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26445	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26446	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26449	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26450	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26451	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26453	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26455	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26456	68111	8	5E-05	5E+00	5E-01	--	--	--	2E+00	7E-03	--	3E+00	--	--	--	2E-01	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26457	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26458	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26459	68111	8	1E-05	9E-01	1E-01	--	--	--	4E-01	4E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
26463	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26464	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26466	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26467	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26470	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26471	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26472	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26473	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26474	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26475	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26476	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26477	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26478	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26479	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26480	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
26481	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26482	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26483	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26484	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26485	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26486	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26487	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26488	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26489	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26490	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26493	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26495	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26496	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26498	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26499	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26500	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26501	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26504	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26505	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26507	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26510	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26512	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26514	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26515	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26516	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26517	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26518	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26519	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26520	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26521	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26522	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26524	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26526	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26536	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26537	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26541	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26543	68111	8	7E-07	5E-01	6E-02	--	--	--	5E-01	4E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03
26545	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26547	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26549	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26552	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26554	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26562	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26564	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26566	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26570	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	2E+03	--	2E+03
26571	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26573	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26574	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26576	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26579	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26581	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26582	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26583	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26588	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26589	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26590	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26591	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26593	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26594	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26595	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26596	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26597	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26599	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26601	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26602	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26604	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
26605	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26607	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26610	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26611	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26612	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26615	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26616	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26620	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26624	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26625	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26626	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26629	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26630	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26632	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26633	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26634	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26635	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26636	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26637	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26638	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26641	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26642	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26643	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26644	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26645	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26646	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26649	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26650	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26652	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26653	68111	8	6E-06	7E-01	8E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
26654	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26655	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26657	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26658	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26659	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26661	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26663	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26664	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26665	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
26666	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26669	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26670	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26671	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26672	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26673	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26674	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26675	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26676	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26677	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26678	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26679	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26680	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26681	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26682	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26684	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26686	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26689	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26690	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26693	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26695	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26696	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26698	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26700	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26702	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26710	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26711	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26712	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26713	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26714	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26715	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
26716	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
26718	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26720	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26721	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26722	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26725	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26727	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26728	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26729	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26730	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26732	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26734	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26736	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26737	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26738	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
26740	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26741	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26742	68111	7	4E-06	3E-01	4E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
26744	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26745	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26746	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26748	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26749	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26750	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26751	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26753	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26754	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26756	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26757	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26758	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26759	68111	8	1E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	6E-02	--	--	--	4E-02	2E+03	--	2E+03
26760	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26761	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26763	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26764	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26765	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26766	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26768	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26769	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26770	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26771	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26772	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26773	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26775	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26778	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26779	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26780	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26781	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26782	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26783	68111	8	5E-06	4E-01	5E-02	--	--	--	2E-01	4E-03	--	3E-01	--	--	--	2E-02	2E+03	--	2E+03
26785	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26786	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26787	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26788	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26789	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26790	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26791	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26792	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26795	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26796	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26797	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26799	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26800	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26802	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26803	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26804	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26807	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26808	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26810	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26811	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26812	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26814	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26815	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26816	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26817	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26818	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26819	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26820	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26826	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26827	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26828	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26829	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26830	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26833	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26834	68111	8	3E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26836	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26840	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26842	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26844	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
26845	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26847	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26848	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26849	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26850	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26853	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26854	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26855	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26856	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26857	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26858	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
26859	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26860	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26861	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26864	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26865	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26867	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26868	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
26869	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26870	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26872	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26875	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26876	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26877	68111	8	2E-05	1E+00	1E-01	--	--	--	5E-01	9E-03	--	9E-01	--	--	--	5E-02	2E+03	--	2E+03
26881	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26882	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26883	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26885	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26886	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26889	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26891	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	9E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
26892	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26893	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26894	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26896	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26897	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26898	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26899	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26900	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26902	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26903	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26904	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26905	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26907	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26910	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26911	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26912	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26913	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26915	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26916	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26918	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26920	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26923	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26925	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26926	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26927	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26928	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26930	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26931	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26932	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26938	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26940	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26941	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26942	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26943	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26944	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26947	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26948	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	8E-01	--	--	--	4E-02	2E+03	--	2E+03
26949	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26950	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26952	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26953	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26954	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26955	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26956	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26957	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26959	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26961	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26963	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26964	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26965	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
26966	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26967	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
26970	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26971	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26972	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26973	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26976	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26977	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26978	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26980	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26981	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26982	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26983	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26985	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
26987	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
26988	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
26991	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26992	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
26993	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26994	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26996	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
26997	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
26999	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27000	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27001	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27002	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27003	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27004	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27005	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27009	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27011	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27012	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27013	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27015	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27017	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27018	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27019	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27020	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27022	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27024	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27025	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27026	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27028	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27029	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27031	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27032	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27033	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27037	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27038	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27040	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27043	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27046	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27048	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27050	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27052	68111	8	3E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27054	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27058	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27060	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27062	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27066	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27068	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27070	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27071	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27072	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27073	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27074	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
27075	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27077	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27079	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27080	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27082	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27087	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27090	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27091	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27092	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27094	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27095	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27096	68111	8	5E-05	3E+00	4E-01	--	--	--	1E-01	1E-02	--	3E+00	--	--	--	1E-02	2E+03	--	2E+03
27099	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27101	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27103	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27107	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	2E-02	2E+03	--	2E+03
27108	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27109	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27110	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27111	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27112	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27114	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27115	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27116	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27117	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27118	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27119	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27120	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
27122	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27123	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27127	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27128	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27129	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27130	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27131	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27132	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27134	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27135	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27136	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27137	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27138	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27139	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27140	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
27141	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27142	68111	8	3E-05	2E+00	2E-01	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	2E+03	--	2E+03
27143	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27144	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27145	68111	8	6E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
27146	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27148	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27149	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27150	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27151	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27152	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27153	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27155	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27156	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27157	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27159	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27160	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27161	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27162	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27163	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27164	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27166	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27167	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27168	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27169	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27170	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27171	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27172	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27173	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
27174	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27177	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
27178	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27179	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27180	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27182	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27184	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27185	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27186	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27188	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27189	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27190	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27191	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27193	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
27195	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27197	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27198	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27199	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27202	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
27204	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27205	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27206	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27207	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27209	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27210	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27211	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27212	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27213	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27215	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27218	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27219	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27221	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27222	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27223	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27224	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27225	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27226	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27227	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27229	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27230	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27231	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27234	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27236	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27239	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27240	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27244	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27245	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27246	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27247	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27248	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27249	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27251	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27252	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27254	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27255	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27256	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27258	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27259	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27260	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27262	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27264	68111	8	4E-06	7E-01	8E-02	--	--	--	5E-01	5E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
27265	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27266	68111	8	1E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	8E-02	--	--	--	4E-02	2E+03	--	2E+03
27268	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27269	68111	8	3E-06	7E-01	8E-02	--	--	--	5E-01	1E-02	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
27270	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27272	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27273	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27274	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27275	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27276	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27277	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27278	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27280	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27283	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27286	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27288	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27289	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27292	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27293	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27297	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27298	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27299	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27300	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27302	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27303	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27305	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27306	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27307	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27308	68111	8	3E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27310	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27312	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27315	68111	8	3E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27316	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27317	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27318	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27322	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
27323	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27324	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27325	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27326	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27328	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27329	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27334	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27335	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27336	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27337	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27338	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27340	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27341	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27342	68111	8	7E-07	2E-01	2E-02	--	--	--	1E-01	7E-03	--	4E-02	--	--	--	1E-02	2E+03	--	2E+03
27344	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27345	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27346	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27347	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27349	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27351	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27353	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
27354	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27355	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27356	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27357	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27358	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27359	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27360	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27362	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27363	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27364	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27366	68111	7	4E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
27368	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27369	68111	8	1E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	8E-02	--	--	--	4E-02	2E+03	--	2E+03
27371	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27375	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27376	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27377	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27379	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27380	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27383	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27384	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27385	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27387	68111	1	--	7E-04	8E-05	--	--	--	--	7E-04	--	--	--	--	--	--	8E-05	--	--
27388	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27390	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27394	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
27396	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27397	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27398	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27399	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27402	68111	8	2E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
27403	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27408	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27409	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27410	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27411	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27412	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27413	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27414	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27415	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27416	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27418	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27419	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27422	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27423	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27424	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27425	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27426	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27428	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27429	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27432	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27433	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27434	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27440	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27441	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27442	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27443	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27444	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27445	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27446	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27447	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27448	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27449	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27450	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27451	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27452	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27453	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27454	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27456	68111	1	--	6E-04	6E-05	--	--	--	--	6E-04	--	--	--	--	--	--	6E-05	--	--
27457	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27458	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27459	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27460	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27461	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
27462	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27463	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27465	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27466	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27467	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
27470	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27472	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27474	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27475	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27478	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27479	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27480	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27481	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
27485	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27488	68111	8	5E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
27489	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27490	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27492	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27495	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27496	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27497	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27499	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
27500	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27502	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27503	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27505	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27508	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27509	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27510	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27511	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27512	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27513	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
27514	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27515	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27516	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27517	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27519	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27520	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27523	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27524	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27525	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27528	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27529	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27531	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27533	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27535	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27538	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27540	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27542	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27543	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27544	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27545	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27546	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27548	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27549	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27551	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27553	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27556	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27558	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27561	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27562	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27564	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27565	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27566	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27567	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
27568	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27569	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27574	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27576	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27578	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27579	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27580	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27581	68111	8	3E-06	3E-01	4E-02	--	--	--	2E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
27582	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27584	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27585	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
27587	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27590	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27591	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27593	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27594	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27596	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27597	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27598	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27599	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27600	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27601	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27604	68111	8	3E-06	3E-01	3E-02	--	--	--	2E-01	3E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
27606	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27607	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27608	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
27609	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27611	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27612	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27614	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27617	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27618	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27619	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27620	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27622	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27625	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27626	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27629	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27630	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27632	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27633	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27636	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27638	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27641	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27642	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27645	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27647	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27657	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27658	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27659	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27662	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27663	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27665	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27668	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27669	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27670	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27671	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27672	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27673	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27674	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27675	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27676	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27677	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27678	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27679	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27681	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27682	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27684	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27685	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27686	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27687	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27688	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27689	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27694	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27698	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27699	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27700	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27701	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27702	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27705	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27706	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27707	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27708	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27710	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27711	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27713	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27716	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27718	68111	8	3E-06	3E-01	4E-02	--	--	--	2E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
27719	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27721	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27723	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27724	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27725	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27726	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27728	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27729	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27731	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27732	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27733	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27734	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27736	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27738	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27739	68111	8	7E-06	5E-01	5E-02	--	--	--	1E-01	3E-03	--	4E-01	--	--	--	1E-02	2E+03	--	2E+03
27740	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27742	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27744	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27745	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27746	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27748	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27750	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27751	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27754	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27755	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27758	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27759	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27762	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27763	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27764	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27767	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27768	68111	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
27769	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27770	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27772	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27773	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27774	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27775	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27776	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27777	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27778	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27779	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27780	68111	8	9E-06	7E-01	7E-02	--	--	--	1E-01	1E-02	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
27782	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27786	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27789	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27792	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27793	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27794	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27795	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27798	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27803	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27805	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27806	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27807	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27809	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27810	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27813	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27817	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27824	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
27827	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27831	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27834	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27845	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27846	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27848	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27850	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27853	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
27854	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
27856	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27857	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27859	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
27861	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27862	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27863	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27865	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27866	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27867	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27869	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27871	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27872	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27874	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27875	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27876	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27878	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27879	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27882	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27883	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
27885	68111	8	1E-05	9E-01	1E-01	--	--	--	4E-01	5E-03	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
27886	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27887	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27888	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27891	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27892	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27893	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27895	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27896	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27897	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27898	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27899	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27901	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27902	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27903	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27904	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27906	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27908	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27909	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27910	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27911	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27912	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27913	68111	8	2E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	9E-02	--	--	--	1E-02	2E+03	--	2E+03
27915	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27916	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27918	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27919	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27920	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
27921	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27922	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27923	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27924	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
27926	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27929	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27930	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27931	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27932	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27938	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27939	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
27940	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27941	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27942	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27945	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27946	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27947	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27948	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27949	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27950	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27953	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27954	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27960	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27962	68111	8	5E-06	6E-01	7E-02	--	--	--	3E-01	9E-03	--	3E-01	--	--	--	3E-02	2E+03	--	2E+03
27969	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27982	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27985	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27987	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27988	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27991	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
27994	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27996	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27997	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27998	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28000	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28002	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28003	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28004	68111	8	6E-06	8E-01	8E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
28005	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28007	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28009	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28010	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28011	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28014	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28015	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28016	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28018	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28019	68111	8	3E-05	2E+00	2E-01	--	--	--	1E-01	3E-03	--	2E+00	--	--	--	2E-02	2E+03	--	2E+03
28020	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
28022	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28023	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28024	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28025	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28026	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28027	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28028	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28029	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28032	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
28033	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28034	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28035	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28036	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28037	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28038	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28042	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28043	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28044	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28045	68111	8	2E-06	3E-01	3E-02	--	--	--	2E-01	4E-03	--	9E-02	--	--	--	2E-02	2E+03	--	2E+03
28046	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28047	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28048	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28049	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28050	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28051	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28054	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28055	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
28056	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28057	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28058	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28062	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28063	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28064	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28065	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28066	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28069	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28072	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28076	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28078	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28079	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28082	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28083	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28094	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28096	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28097	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28099	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28100	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28102	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28103	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28104	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28105	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28107	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28108	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28109	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28110	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28111	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28112	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28114	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28119	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28121	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28122	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28125	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28126	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28128	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28129	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28131	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28133	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28135	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28138	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28139	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28140	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28141	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28142	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28143	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28144	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28146	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28147	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28148	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28149	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28153	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28154	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	1E-02	2E+03	--	2E+03
28156	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28157	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28159	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28160	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28162	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28169	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28170	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28172	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28174	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28176	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28177	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28179	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28181	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28182	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28185	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
28186	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28187	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28188	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
28190	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28191	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28193	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28196	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28197	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28202	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28204	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28206	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28212	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28216	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28218	68111	7	2E-06	2E-01	3E-02	--	--	--	--	9E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
28219	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28220	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28222	68111	8	3E-06	4E-01	4E-02	--	--	--	2E-01	7E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
28223	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28227	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28228	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28236	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28237	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28241	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28247	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28254	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28269	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28270	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28272	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28273	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
28277	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28280	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28281	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28283	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28284	68111	8	6E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
28285	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28286	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28287	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28288	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28289	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28291	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28294	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28295	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28296	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28297	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28299	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28300	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28301	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28302	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28303	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28305	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28307	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28308	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28310	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28311	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28312	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28313	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28314	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28315	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28316	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28317	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28318	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28319	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28320	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28321	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28322	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28324	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28327	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28329	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28330	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28331	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28333	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28338	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
28344	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28346	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28348	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28353	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28356	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28359	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28361	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28364	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28366	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28367	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28368	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28371	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28372	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28373	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28375	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28377	68111	8	4E-06	8E-01	9E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28379	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28382	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28383	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28384	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28385	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28386	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28389	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28390	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28395	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28397	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28398	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28402	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28406	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28407	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28408	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28411	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28412	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28413	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28416	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28417	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28419	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28420	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28422	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28423	68111	8	3E-06	6E-01	7E-02	--	--	--	5E-01	4E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
28424	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28426	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28427	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28429	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28430	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28432	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28434	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28435	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28436	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28437	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28448	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28457	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28462	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28466	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28467	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28468	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28469	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28470	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28471	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28473	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28475	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28477	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28479	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28495	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28497	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28499	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28500	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28503	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28504	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28505	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28506	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28507	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28508	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28510	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28512	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28515	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28517	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28518	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
28519	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28521	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28528	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28529	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28531	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28533	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28534	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28535	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28536	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28537	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28538	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28539	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28540	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28541	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28542	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28543	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28544	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
28547	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28549	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28551	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28552	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28553	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28554	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28555	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28556	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28557	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28558	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
28559	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28560	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28561	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
28563	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28565	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28568	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28569	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28570	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
28571	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28573	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
28575	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28581	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28583	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28586	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28587	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28589	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28594	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28597	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28598	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28599	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28601	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28602	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28604	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28606	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28607	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28608	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28609	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28610	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28611	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28612	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
28613	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28614	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28615	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28616	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28618	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
28621	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28622	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28623	68111	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
28625	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28626	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28627	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28628	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28629	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28630	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28631	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28632	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28633	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28634	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28637	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28638	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28639	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28640	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28641	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28648	68111	8	3E-06	7E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28650	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28653	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28655	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28656	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28659	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28661	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28665	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28668	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28671	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28675	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28677	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28679	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28685	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28688	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28690	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28691	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28692	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28694	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28709	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28712	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28713	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28716	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28720	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28722	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28723	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28725	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28728	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28730	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28732	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28735	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28736	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28737	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28739	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28741	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28744	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28745	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28746	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28747	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28748	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28749	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28750	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28752	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28753	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28755	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28757	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28758	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28759	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28760	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28762	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28763	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	1E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28764	68111	8	5E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
28766	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
28767	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28770	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28772	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28773	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28775	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28776	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28777	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28778	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28781	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28782	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28784	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28785	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28786	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28787	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28790	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28792	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28793	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28796	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28798	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28799	68111	8	4E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28800	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28804	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28806	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28809	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28810	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28811	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03
28814	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28816	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28818	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28819	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28821	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28822	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28825	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28826	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28829	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28831	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28834	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28835	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28836	68111	8	5E-06	7E-01	8E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
28837	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28840	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28841	68111	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
28842	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28843	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28844	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28846	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28847	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28849	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
28853	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28854	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28856	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28858	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28864	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28870	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28871	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28872	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28874	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28875	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28877	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28878	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28880	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28881	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28882	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28884	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28885	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28889	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28892	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28893	68111	8	3E-06	4E+00	4E-01	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28895	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28896	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28900	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28901	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28904	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28909	68111	7	4E-06	4E-01	4E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
28911	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28913	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28914	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28917	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28920	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28922	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28927	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28928	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28930	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28933	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28935	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28936	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28939	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28942	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28943	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28945	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28946	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28947	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28949	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28950	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28951	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28954	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28955	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28956	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28957	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28958	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28959	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
28960	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28961	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28963	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
28964	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28965	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28966	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28967	68111	8	1E-05	2E+00	2E-01	--	--	--	1E+00	4E-03	--	6E-01	--	--	--	1E-01	2E+03	--	2E+03
28968	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28969	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28970	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28972	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28973	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28976	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28978	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28979	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28980	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28983	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28984	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
28985	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
28988	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28989	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28991	68111	8	4E-05	2E+00	2E-01	--	--	--	1E-01	4E-03	--	2E+00	--	--	--	2E-02	2E+03	--	2E+03
28992	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28993	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
28994	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
28996	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28997	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
28998	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29001	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29002	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29003	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29004	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29008	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29009	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29013	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29015	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29017	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29023	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	5E-02	2E+03	--	2E+03
29025	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29031	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29033	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29034	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29035	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29036	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29037	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29039	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29041	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29046	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29054	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29056	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29061	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29066	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29070	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29071	68111	8	8E-06	9E-01	9E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
29072	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29074	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29079	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29080	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29082	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29083	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29085	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29088	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29089	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29090	68111	8	4E-06	7E-01	8E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	5E-02	2E+03	--	2E+03
29099	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29101	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	9E-02	--	--	--	2E-02	2E+03	--	2E+03
29102	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29103	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29105	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29108	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29109	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29111	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29114	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29116	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29118	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29119	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29122	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29123	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29127	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29128	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29133	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29136	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29138	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29139	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29140	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29142	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29143	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29144	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29145	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29146	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29149	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29150	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29152	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29153	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29155	68111	8	2E-06	5E-01	5E-02	--	--	--	3E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29157	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29160	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29162	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29163	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29165	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29167	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29168	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29169	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29171	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29172	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29173	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29174	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29175	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29176	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29177	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29178	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29179	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29180	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29181	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29182	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29183	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29184	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29185	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29186	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29187	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29189	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29190	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29191	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29195	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29198	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29200	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29201	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29204	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
29205	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29206	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29208	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29209	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29211	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29214	68111	8	2E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	9E-01	--	--	--	4E-02	2E+03	--	2E+03
29216	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29217	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29219	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29220	68111	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
29221	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29223	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29239	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29240	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29241	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29242	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29243	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29244	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29245	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29246	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29247	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29248	68111	8	1E-06	2E-01	3E-02	--	--	--	2E-01	4E-03	--	7E-02	--	--	--	2E-02	2E+03	--	2E+03
29250	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29251	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29252	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29253	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29254	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29255	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29258	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29259	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29261	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29262	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29263	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29264	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29265	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29268	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29270	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29272	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29274	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29279	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29280	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29281	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29285	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
29286	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29291	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29293	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29294	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29299	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29300	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29301	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29302	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29304	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29306	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29308	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29309	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29311	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29313	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29314	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29316	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29317	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29318	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29321	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29322	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29325	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29328	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29331	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29333	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29334	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29335	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29336	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29337	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29339	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29342	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29343	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29344	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29349	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29351	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29354	68111	8	4E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29355	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29357	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29358	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29362	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29364	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29366	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29368	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29370	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29373	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29375	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29377	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29378	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29379	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29380	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29381	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29383	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29384	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29385	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29386	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29391	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29394	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29395	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29396	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29397	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29400	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29401	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29402	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29403	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29404	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29405	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29406	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29408	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29409	68111	8	4E-06	1E+00	1E-01	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29411	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29413	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29416	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29417	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29418	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29419	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29420	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29425	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29428	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29429	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29430	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29431	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29432	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
29433	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29434	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29436	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29438	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29440	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29441	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29442	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29444	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29445	68111	8	3E-06	9E-01	1E-01	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29446	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29449	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29450	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29451	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29454	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29455	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29456	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29457	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29459	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29460	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29461	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29462	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29463	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29464	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29465	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29466	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29467	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29469	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
29470	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29471	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29472	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29475	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29477	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29479	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29480	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29483	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29484	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29487	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29488	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29489	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29490	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29491	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29492	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29495	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29497	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29498	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29499	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29501	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29502	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29504	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29507	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29512	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29514	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29517	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29520	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29523	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29525	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29526	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29531	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29535	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29537	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29540	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29541	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29543	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29546	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29547	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29548	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29551	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29552	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29555	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29556	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29557	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29558	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29559	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29560	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29561	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29562	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29563	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29564	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29565	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29567	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29568	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29569	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29570	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
29572	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29574	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29575	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29576	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29577	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29578	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
29579	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29580	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29582	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29583	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29588	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29589	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29592	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29594	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29596	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29597	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29598	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29600	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29602	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29604	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29606	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29607	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29608	68111	8	3E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29612	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29613	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29615	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29616	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29617	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29618	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29620	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29622	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29623	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29624	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29625	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29626	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29627	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29630	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29631	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29632	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29633	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29638	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29641	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29643	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29644	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29646	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29648	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29649	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29650	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29652	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29654	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29655	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29656	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29658	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29660	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29661	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29662	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29664	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29666	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29667	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
29668	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29670	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29671	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29672	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29673	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29675	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29677	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29678	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
29680	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29682	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29683	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
29684	68111	8	6E-06	5E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
29688	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29689	68111	7	4E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
29690	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29694	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29695	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29697	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29699	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29700	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29703	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29704	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29705	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29706	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29707	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29709	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29710	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29712	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29713	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29714	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29715	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29717	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29720	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29721	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29722	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29724	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29727	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29729	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29735	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29737	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29739	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29741	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29755	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29760	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29764	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29769	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29770	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29771	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29772	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29775	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29777	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29779	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29780	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29781	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29783	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29784	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29785	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29787	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29788	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29790	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29791	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29792	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29793	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29794	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29797	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29798	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29800	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29801	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29803	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29804	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29806	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	9E-02	--	--	--	2E-02	2E+03	--	2E+03
29807	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29808	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29809	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29811	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29814	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29815	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29816	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29817	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29818	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29819	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29820	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29821	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29823	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29824	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29825	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29826	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29827	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29829	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29831	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29832	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29835	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29837	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29839	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29840	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29842	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29845	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29848	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29849	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29851	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29855	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29857	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29859	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29860	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29861	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29864	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29867	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29871	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29881	68111	8	2E-05	1E+00	2E-01	--	--	--	1E-01	2E-02	--	1E+00	--	--	--	2E-02	2E+03	--	2E+03
29889	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29890	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29891	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29893	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29895	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29896	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29897	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29898	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29904	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29905	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29907	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29910	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
29912	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
29915	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29918	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29919	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29922	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29923	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29926	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29927	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29928	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29930	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29932	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29933	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29935	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29937	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29940	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29944	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29945	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29948	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29949	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29953	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29954	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29956	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29960	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29961	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29962	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29963	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29964	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29965	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29966	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29967	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29968	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
29969	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
29970	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29973	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29974	68111	8	6E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
29975	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29977	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29978	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
29980	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29981	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29982	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29983	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29984	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29986	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29988	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
29990	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29991	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
29992	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29993	68111	8	2E-05	1E+00	2E-01	--	--	--	4E-01	4E-03	--	1E+00	--	--	--	4E-02	2E+03	--	2E+03
29994	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
29995	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29996	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29998	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
29999	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30001	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30002	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30004	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30005	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30007	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30008	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30012	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	9E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
30014	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30019	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30021	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30029	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30032	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30036	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30039	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30041	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30042	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30044	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30045	68111	8	2E-05	1E+00	1E-01	--	--	--	1E-01	5E-03	--	1E+00	--	--	--	1E-02	2E+03	--	2E+03
30048	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30050	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30052	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30054	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30058	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30060	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30062	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30063	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30065	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30067	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30068	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30070	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30071	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30072	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30074	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30075	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30076	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30077	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30078	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30080	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30081	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
30082	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30083	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30084	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30085	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30086	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30087	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30088	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30089	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30090	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30091	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30092	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30094	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30095	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30109	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30111	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30115	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30116	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30117	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30119	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30120	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30121	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30122	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30123	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
30128	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30130	68111	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
30131	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30132	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30133	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30135	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30136	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30139	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30141	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30143	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30144	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30145	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30146	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30147	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30150	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30153	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30154	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30155	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30156	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30158	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30159	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30161	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30164	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30166	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30167	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30168	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30169	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30171	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30173	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30174	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30175	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30176	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30177	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	6E-02	--	--	--	1E-02	2E+03	--	2E+03
30179	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30180	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
30182	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30184	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30185	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30187	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30188	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30190	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30192	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30195	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30198	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30201	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
30204	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30208	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30209	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30211	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30212	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30219	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30220	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30221	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30222	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30224	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30225	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30226	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30227	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30230	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30231	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30233	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30234	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30235	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30236	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30237	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30238	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30239	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30240	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30241	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30242	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30243	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30244	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30246	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30249	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30251	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30252	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30253	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30254	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30256	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30257	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30258	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30259	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30261	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30262	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30267	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30268	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30272	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30273	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30274	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30275	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30276	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30278	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30282	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30286	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30289	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30290	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30292	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30293	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30295	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30296	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30297	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30298	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30299	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
30300	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30304	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30312	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30319	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30320	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30325	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30329	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30333	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30338	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30339	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30345	68111	8	1E-06	2E-01	3E-02	--	--	--	1E-01	1E-02	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
30346	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30347	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30350	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30354	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30355	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30358	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30360	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30361	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30362	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30366	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30367	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30374	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30379	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30382	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30383	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30384	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30387	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30391	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30392	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30396	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30398	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30399	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30404	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30406	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30408	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30412	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30413	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30415	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30416	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30417	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30418	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30419	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30420	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
30421	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30425	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30426	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30427	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30430	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30432	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30434	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30439	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30441	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30444	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30445	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30447	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30448	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30449	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30450	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30451	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30452	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30453	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30454	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30455	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
30456	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30457	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30458	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30460	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30461	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30462	68111	8	3E-06	3E-01	4E-02	--	--	--	2E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
30464	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30465	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30468	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30471	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30474	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30488	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30490	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30494	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30496	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30497	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30501	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30502	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30503	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30504	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30505	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30506	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30507	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30513	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30514	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30515	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30517	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30521	68111	8	4E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30523	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30525	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30526	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	8E-01	--	--	--	4E-02	2E+03	--	2E+03
30528	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30531	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30534	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30536	68111	7	4E-06	4E-01	4E-02	--	--	--	--	1E-02	--	2E-01	--	--	--	--	2E+03	--	2E+03
30539	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30540	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
30545	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30547	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30549	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30550	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30552	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30557	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30561	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30562	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30563	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
30564	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30567	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30569	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30571	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30572	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30574	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30577	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30578	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30580	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
30581	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30586	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30587	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30589	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30591	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30595	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30603	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30605	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30606	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30608	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30610	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30612	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30617	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30621	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30622	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30623	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30625	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30627	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30628	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30630	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
30635	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30638	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30639	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30640	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30641	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30642	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30643	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30644	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
30645	68111	7	4E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
30646	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30647	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30648	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30649	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30652	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30656	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30661	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30662	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30664	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30666	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30667	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30669	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30670	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30672	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30674	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30677	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30679	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30683	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30684	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30685	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30686	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30687	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30690	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30693	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30694	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30695	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30697	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30699	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30700	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
30701	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30703	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30704	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30707	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30708	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30709	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30713	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30714	68111	7	3E-06	3E-01	3E-02	--	--	--	--	9E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
30716	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30717	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30718	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30722	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30723	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30729	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30731	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30732	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30737	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30742	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30743	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30744	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30745	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30746	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30747	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30750	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30751	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30752	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30754	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30756	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30757	68111	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	4E-01	--	--	--	1E-02	2E+03	--	2E+03
30761	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30762	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30764	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30767	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30768	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30770	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30772	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30773	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30775	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30777	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30780	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30781	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30783	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30790	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30793	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30795	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30800	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30802	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
30804	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30805	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30807	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30808	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30812	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30813	68111	8	2E-06	5E-01	5E-02	--	--	--	3E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30814	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30816	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30817	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30818	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30819	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30823	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30824	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30825	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30826	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30829	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30830	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30831	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30833	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30835	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30836	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
30837	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30838	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30841	68111	8	3E-06	5E-01	5E-02	--	--	--	2E-01	8E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
30843	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30844	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
30848	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30849	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30856	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30857	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30859	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30861	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30863	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30864	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30868	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30871	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30873	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30877	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30881	68111	7	2E-06	3E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
30882	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30884	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30886	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30887	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30888	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
30889	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30893	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30897	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30898	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30899	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30901	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30902	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30903	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30905	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30906	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30908	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30909	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30911	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30912	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30913	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30914	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30916	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30917	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30918	68111	7	3E-06	3E-01	3E-02	--	--	--	--	2E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
30920	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30922	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30923	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30926	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30927	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
30928	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30929	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30931	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30932	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30933	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30935	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30937	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30939	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30941	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30942	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30943	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30948	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30949	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30953	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30955	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30956	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30959	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30960	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30962	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
30967	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30968	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30969	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30970	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30972	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30973	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30976	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30978	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30979	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
30981	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30983	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30984	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30985	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30988	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30989	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30990	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30991	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
30995	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
30997	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
30999	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31001	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31003	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31004	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31007	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31008	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	2E-02	2E+03	--	2E+03
31009	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31010	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31011	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31012	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31014	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31015	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31016	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31017	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31019	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31022	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31026	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31027	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31029	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31030	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31031	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31032	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31034	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31036	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31037	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31041	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31042	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31044	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31045	68111	8	3E-05	2E+00	2E-01	--	--	--	4E-01	2E-03	--	2E+00	--	--	--	4E-02	2E+03	--	2E+03
31046	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
31051	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31052	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
31054	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31055	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31056	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31057	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31058	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31061	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31062	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31065	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31067	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31071	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31072	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31074	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31076	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
31078	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31080	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31081	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
31086	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31088	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31090	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31093	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31095	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31099	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31100	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31101	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31102	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31103	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31104	68111	8	8E-06	8E-01	9E-02	--	--	--	4E-01	2E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
31106	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31107	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31108	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31109	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31112	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31113	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31114	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31116	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31117	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31118	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
31120	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31122	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31125	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31127	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31129	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31131	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31133	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31134	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31136	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31138	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31139	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31141	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31142	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31143	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31145	68111	8	6E-06	8E-01	8E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
31146	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31148	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31152	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31154	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31156	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31161	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31162	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31163	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31164	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31168	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31169	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31171	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31175	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31176	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31178	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31179	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31180	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31182	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31183	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31185	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31186	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31188	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31189	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31190	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31191	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31192	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31198	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31202	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31203	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31206	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
31207	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31208	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31211	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31212	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31215	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31221	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31222	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31225	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31227	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31229	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31232	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31234	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31236	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31237	68111	8	9E-06	7E-01	7E-02	--	--	--	1E-01	5E-03	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
31239	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31242	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31243	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31246	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31248	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31251	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31252	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31253	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31254	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31255	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31256	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31257	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31259	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31262	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31265	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31266	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31267	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31268	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31269	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31271	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31272	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31273	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31274	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31275	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31276	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31277	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31280	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31282	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31284	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31287	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31291	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31300	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31302	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31303	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31304	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31305	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31309	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31310	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31311	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31312	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31313	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31316	68111	8	7E-06	6E-01	6E-02	--	--	--	1E-01	7E-03	--	4E-01	--	--	--	2E-02	2E+03	--	2E+03
31321	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31324	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31325	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31328	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31330	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31331	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31333	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31334	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31336	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31337	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31338	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31339	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31340	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31341	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31344	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31348	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31352	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31353	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31355	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31356	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31357	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31358	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31360	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31361	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31362	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31363	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31364	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31365	68111	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
31366	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31368	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31370	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31372	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31373	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31374	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31375	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31376	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31377	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31378	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31379	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31381	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31382	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31386	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31387	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31390	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31393	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31395	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31397	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31398	68111	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
31400	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31403	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31408	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	2E-02	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
31409	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31411	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31413	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31414	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31415	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31416	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31417	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31418	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31419	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31421	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31423	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31425	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31426	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31427	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31429	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31430	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31431	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31432	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31433	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
31434	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31435	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31436	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31437	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31438	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31439	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31440	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31441	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31442	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31443	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31444	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31445	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31446	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31447	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31449	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31450	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31451	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31452	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31453	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31454	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31455	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31456	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31457	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31458	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31463	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31464	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31465	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31467	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31468	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31469	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31470	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31471	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31473	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31476	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31478	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31479	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31480	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31481	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31483	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31484	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31485	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31487	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31488	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31489	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31491	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31494	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31495	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31498	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31499	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31500	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31501	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31505	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31506	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31507	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31509	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31510	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31515	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31516	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31517	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31519	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31520	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31522	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31525	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31527	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31528	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31529	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31532	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31533	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31534	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31540	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31541	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31544	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31546	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31547	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31548	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31553	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31555	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31558	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31560	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31561	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31565	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31566	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31567	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31569	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31572	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31574	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31576	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31577	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31581	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31582	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31583	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31585	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31586	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31588	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31589	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31591	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31593	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31595	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31597	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31598	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31599	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31600	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31602	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31603	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31604	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31606	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31607	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31608	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31612	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31613	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31615	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
31616	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31617	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31618	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31619	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31620	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31622	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31624	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31626	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31627	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31628	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31629	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31631	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31635	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31636	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31638	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31640	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31641	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31643	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31644	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31646	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31647	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31650	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31651	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31654	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31655	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31656	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31659	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31660	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31661	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31662	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31664	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31666	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31668	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31670	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31671	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31672	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31674	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31678	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31679	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31680	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31681	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31682	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31683	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31686	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31691	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31692	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31694	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31695	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31697	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31698	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	6E-01	--	--	--	4E-02	2E+03	--	2E+03
31699	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31700	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31702	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31704	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31708	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31710	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31712	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31713	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31714	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31715	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31716	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
31717	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31718	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31721	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31722	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31723	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31724	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31725	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31728	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31729	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31732	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31733	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31734	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31735	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31736	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31740	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31741	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31742	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31744	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31746	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31747	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31748	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31751	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31752	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31754	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31755	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
31756	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31758	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31759	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31762	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31763	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31764	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31765	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31766	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31769	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31770	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31771	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31772	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31773	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31774	68111	1	--	7E-04	8E-05	--	--	--	--	7E-04	--	--	--	--	--	--	8E-05	--	--
31775	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31776	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31777	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31778	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31779	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31780	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31783	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31784	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31785	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31786	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31788	68111	1	--	7E-04	8E-05	--	--	--	--	7E-04	--	--	--	--	--	--	8E-05	--	--
31789	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31790	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31791	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31793	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31794	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31795	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31796	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31797	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31799	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31800	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31801	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31803	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31804	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31805	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31806	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31808	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
31809	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31810	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31811	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31812	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31813	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31816	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31817	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31819	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31821	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31822	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31823	68111	8	3E-06	7E-01	7E-02	--	--	--	5E-01	3E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31824	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31825	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31826	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31827	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31828	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31831	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31835	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31836	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31838	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31839	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31840	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31841	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31843	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31844	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31845	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31846	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31849	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31850	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31851	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31852	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31853	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31854	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
31856	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31858	68111	8	7E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
31859	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31860	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31861	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31862	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31864	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31865	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31868	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31869	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
31871	68111	8	7E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
31872	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31873	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31874	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31875	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31876	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31878	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31879	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31880	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31882	68111	8	2E-05	2E+00	2E-01	--	--	--	4E-01	2E-03	--	1E+00	--	--	--	4E-02	2E+03	--	2E+03
31887	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	7E-02	--	--	--	1E-02	2E+03	--	2E+03
31889	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31891	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31892	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31894	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31895	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31896	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
31899	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31901	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31904	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31906	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31907	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31908	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31910	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
31911	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
31913	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31915	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31916	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31919	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31921	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31922	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31923	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31924	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31925	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31927	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31928	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31929	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31930	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31932	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31935	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31936	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31938	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31940	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31941	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31943	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31944	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31945	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31946	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31947	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31949	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31952	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31955	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31960	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31961	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31964	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
31965	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
31967	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31968	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31970	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31972	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31973	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31974	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31975	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31976	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31977	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
31978	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31980	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31981	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31983	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31985	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31986	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
31987	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31988	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31991	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31994	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31996	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31998	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
31999	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32000	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32001	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
32003	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32006	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32007	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32011	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32012	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32013	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32014	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32015	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32016	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32017	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32018	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32020	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32021	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32022	68111	8	6E-07	5E-01	5E-02	--	--	--	5E-01	3E-03	--	3E-02	--	--	--	5E-02	2E+03	--	2E+03
32023	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32024	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32025	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32026	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32028	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32033	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32034	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32036	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32038	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32040	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32041	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32042	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32046	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32047	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32048	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32049	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32050	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32051	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32052	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32053	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32055	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32057	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32058	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32059	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32061	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32064	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32065	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32066	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32067	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32070	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32073	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32075	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32077	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32079	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32081	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
32085	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32087	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32089	68111	8	8E-06	8E-01	9E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	2E+03	--	2E+03
32090	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32091	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32092	68111	8	2E-06	6E-01	7E-02	--	--	--	5E-01	6E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
32093	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32095	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32096	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32097	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32098	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32101	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32102	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32103	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32104	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32105	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32107	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32108	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32109	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32111	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32112	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32114	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32115	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32116	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32117	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32119	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32120	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32123	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32124	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32125	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32126	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32128	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32129	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32131	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32133	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32134	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32136	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32137	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32138	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32139	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32140	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32147	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32148	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32149	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32152	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32153	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32154	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32155	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32156	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32159	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32160	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32162	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32163	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32164	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32166	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32167	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32168	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32169	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32170	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32172	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32177	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32178	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32179	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32180	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32181	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32182	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32183	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32184	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32185	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32186	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32187	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32189	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32190	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32193	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32194	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32196	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32197	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32200	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32204	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32205	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32208	68111	8	4E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32209	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32210	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32212	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32213	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32218	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32219	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32221	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32222	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32224	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32225	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32226	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32227	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32228	68111	8	9E-06	9E-01	9E-02	--	--	--	4E-01	4E-03	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
32230	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32231	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32232	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32234	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32235	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32237	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32239	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32240	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32241	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32243	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32244	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32246	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32248	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32249	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32250	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32251	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32252	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32253	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32255	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32256	68111	8	5E-06	4E-01	5E-02	--	--	--	1E-01	6E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
32260	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32261	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32262	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32263	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32264	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32265	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32266	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32267	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32270	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32272	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32274	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32276	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32277	68111	8	4E-06	4E-01	4E-02	--	--	--	2E-01	4E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
32278	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32279	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32280	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32281	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32282	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32283	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32284	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32285	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32286	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32287	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32288	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32289	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
32291	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32293	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
32296	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32297	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32300	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32303	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32304	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32305	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32306	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32307	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32308	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
32309	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32311	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32314	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32315	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32316	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32318	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32319	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32320	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32321	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32322	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32324	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32325	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
32326	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32327	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32328	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32330	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32331	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32332	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32334	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32335	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32336	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32337	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32338	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32339	68111	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	9E-02	--	--	--	--	2E+03	--	2E+03
32340	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32341	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32342	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
32345	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32346	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32347	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32348	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32349	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32350	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32351	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32352	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32353	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32355	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32358	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32359	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32360	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32364	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32365	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32367	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32368	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32369	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32370	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32372	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32375	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32377	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32378	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32379	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32380	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32381	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32382	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32384	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32385	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32386	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32388	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32390	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
32391	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32393	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32395	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32396	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32398	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32399	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32400	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32403	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32405	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32407	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32409	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32410	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32411	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32412	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32414	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32415	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32416	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32417	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32418	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
32419	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32420	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32421	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32425	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32427	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32428	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32429	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32430	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32431	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32432	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32434	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32435	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32436	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32437	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32438	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32441	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32442	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32443	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32444	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32445	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32447	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32449	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32450	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32451	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32452	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32453	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32454	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32455	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32456	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32457	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32458	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
32460	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32461	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32464	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32466	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32467	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32472	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32473	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32474	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32475	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32476	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32477	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32478	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32479	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32481	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32482	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32483	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32486	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32487	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32488	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32490	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32491	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32492	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32494	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32496	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32497	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32499	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32501	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32502	68111	7	2E-06	3E-01	3E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
32504	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32506	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32509	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32510	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32512	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32513	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32515	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32517	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32518	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32522	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32523	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32524	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32527	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32528	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32530	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32533	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32534	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32535	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32537	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32539	68111	8	5E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
32542	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32543	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32544	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32545	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32546	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32547	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32549	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32550	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32551	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32553	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32554	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32557	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32558	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32559	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32560	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32561	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32562	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32563	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32565	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32567	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32569	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32571	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32572	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32573	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32574	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32575	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32576	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32577	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32578	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32580	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32581	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32582	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32585	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32586	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32587	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32589	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32591	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32592	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32593	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32594	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32596	68111	8	2E-06	3E-01	3E-02	--	--	--	2E-01	3E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
32597	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32599	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32600	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32602	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32603	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32604	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32606	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32607	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32608	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32611	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32612	68111	1	--	6E-04	7E-05	--	--	--	--	6E-04	--	--	--	--	--	--	7E-05	--	--
32613	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32615	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32616	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32618	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32620	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32622	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32623	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32629	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32630	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32631	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32632	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32633	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32639	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32640	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32642	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32643	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32644	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32646	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32648	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32656	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32661	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32662	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32663	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32664	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32665	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32667	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32668	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32669	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32671	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32673	68111	8	3E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32674	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32675	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32677	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32678	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
32679	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32680	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32681	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32682	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32684	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32686	68111	8	3E-06	6E-01	7E-02	--	--	--	5E-01	3E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
32687	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32688	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32690	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32692	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32693	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32694	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32695	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32696	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32697	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32699	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32701	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32702	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
32703	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32704	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32706	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32708	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32709	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32713	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32714	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32715	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32717	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32718	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32722	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32724	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32726	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32736	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
32740	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32741	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32745	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32746	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32747	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32748	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32749	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32753	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32755	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32756	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32757	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32758	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32760	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32761	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32764	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32765	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32768	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32770	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32771	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32775	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32776	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32777	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32778	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32779	68111	7	3E-06	2E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
32780	68111	8	3E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	4E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32781	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32782	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32783	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
32784	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32785	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32787	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32789	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32791	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32792	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32793	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32794	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32795	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32797	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32798	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32800	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32802	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32803	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32804	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32805	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32806	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32807	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32808	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32809	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32810	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32813	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32816	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32817	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32818	68111	8	2E-05	1E+00	1E-01	--	--	--	1E-01	4E-03	--	1E+00	--	--	--	1E-02	2E+03	--	2E+03
32819	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32821	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32823	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32824	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32825	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32827	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32830	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32831	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32833	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32834	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32835	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32836	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32837	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32840	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32841	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32843	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32844	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
32845	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32847	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32848	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32851	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
32852	68111	8	1E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	8E-02	--	--	--	4E-02	2E+03	--	2E+03
32853	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32854	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32856	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32857	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32858	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32859	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32860	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
32861	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32862	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32863	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32865	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32866	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32868	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32871	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32873	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32874	68111	8	3E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32876	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	8E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
32877	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32878	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32879	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32880	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32881	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32882	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32884	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32885	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32886	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32888	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32889	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32890	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32891	68111	8	3E-06	5E-01	6E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32892	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32893	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32894	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32896	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32898	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32900	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32902	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32904	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32905	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32907	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32909	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32910	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32912	68111	8	2E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	9E-02	--	--	--	1E-02	2E+03	--	2E+03
32914	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32916	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32917	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32921	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32922	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32924	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32926	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32928	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32929	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
32930	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32931	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32932	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32933	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32935	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32940	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
32941	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32942	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32946	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32948	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32949	68111	8	2E-05	2E+00	2E-01	--	--	--	4E-01	4E-03	--	1E+00	--	--	--	4E-02	2E+03	--	2E+03
32953	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32956	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32957	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32958	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32960	68111	1	--	8E-04	8E-05	--	--	--	--	8E-04	--	--	--	--	--	--	8E-05	--	--
32963	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32965	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32967	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32968	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32969	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32970	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32971	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
32972	68111	8	2E-05	2E+00	2E-01	--	--	--	4E-01	2E-03	--	1E+00	--	--	--	4E-02	2E+03	--	2E+03
32973	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
32974	68111	8	3E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
32976	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32977	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32978	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32979	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32982	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32983	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32984	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32985	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32987	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32989	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
32990	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
32991	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32992	68111	7	8E-06	6E-01	6E-02	--	--	--	--	3E-03	--	4E-01	--	--	--	--	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32994	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32997	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32998	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32999	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33000	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33001	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33003	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33004	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33005	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33007	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33008	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33009	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33010	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33011	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33012	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33013	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33014	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
33015	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33016	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33018	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33024	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33025	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33027	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33028	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33030	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33031	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33032	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33033	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33034	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33035	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33036	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
33037	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33040	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33041	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33042	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33043	68111	8	3E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
33044	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33047	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33048	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33049	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33050	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33051	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33052	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33053	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33054	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33055	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33056	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33058	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33059	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33060	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33061	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33062	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33063	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33069	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33072	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33073	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33075	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33076	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33077	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33079	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33081	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33086	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33088	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33089	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33092	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33093	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33094	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33095	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33099	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33101	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33103	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33104	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33105	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33106	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33107	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33108	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33109	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33111	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33112	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33114	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33115	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33116	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33117	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33118	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33120	68111	8	3E-06	5E-01	5E-02	--	--	--	3E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33121	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33123	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33124	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33126	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33129	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33133	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33134	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33135	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33137	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33139	68111	1	--	6E-04	7E-05	--	--	--	--	6E-04	--	--	--	--	--	--	7E-05	--	--
33140	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33141	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33142	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33143	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33144	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33145	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33146	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33148	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33149	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33150	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33153	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33154	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33155	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33156	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33157	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33158	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33159	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33160	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33162	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33164	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33165	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33166	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33167	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33168	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33169	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33170	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33172	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33173	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33175	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33177	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33179	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33180	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33181	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33182	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33185	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33186	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33187	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33188	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33189	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33190	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33192	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33198	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33200	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33201	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33202	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33204	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33205	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33206	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33207	68111	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	2E+03	--	2E+03
33208	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33210	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33211	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33213	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33214	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33221	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33222	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33223	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33224	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33226	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33228	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33230	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33233	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33235	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33236	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33239	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33240	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33242	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33243	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33244	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33245	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33247	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33248	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33250	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33251	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33252	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33256	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33259	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33260	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33261	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33262	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33263	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33264	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33266	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33270	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33271	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33274	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33275	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33283	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
33284	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33292	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33293	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33296	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33302	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33303	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33307	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33309	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33310	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33312	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33313	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33314	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33316	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33317	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33319	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33320	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33321	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33324	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33325	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33327	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33329	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33331	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33332	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33333	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33334	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33335	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33336	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33339	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33342	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33343	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33346	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33347	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33348	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33349	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33350	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33351	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33355	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33356	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33357	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33358	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33360	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33361	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33362	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
33365	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33368	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33369	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33372	68111	8	3E-06	7E-01	7E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
33373	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33374	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33377	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33378	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33380	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33382	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33383	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33384	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33385	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33386	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33389	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33390	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33391	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33392	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33395	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33397	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33398	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33400	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33401	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33405	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33406	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33407	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33408	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33411	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33412	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33414	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33415	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33416	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33419	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33424	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33425	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33429	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33430	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33431	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33432	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33433	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33436	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33437	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33438	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33439	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33441	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33442	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33447	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33450	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33451	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33453	68111	7	9E-06	6E-01	7E-02	--	--	--	--	3E-03	--	5E-01	--	--	--	--	2E+03	--	2E+03
33456	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
33460	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33461	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33462	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33463	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33465	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33467	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33469	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33470	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33478	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33479	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33480	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33482	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33484	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33485	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33489	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33490	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33492	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33493	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33495	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33496	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33499	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33501	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33503	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33504	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33506	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33511	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33515	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33517	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33520	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33521	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33522	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33523	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33525	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33526	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33530	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33531	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33534	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33538	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33542	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33544	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33545	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33546	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33549	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33551	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33552	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33556	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33558	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33559	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33561	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33564	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33565	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33566	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33567	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33569	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33570	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33571	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33572	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33573	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33574	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33577	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33578	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33580	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33581	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33583	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33584	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33587	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33588	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33593	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33597	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33598	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33600	68111	8	7E-06	5E-01	6E-02	--	--	--	1E-01	4E-03	--	4E-01	--	--	--	1E-02	2E+03	--	2E+03
33601	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33603	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33604	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33607	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33608	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33609	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33610	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33612	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33614	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33618	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33619	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33621	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33623	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33628	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33630	68111	8	3E-06	6E-01	6E-02	--	--	--	3E-01	1E-02	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33631	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33633	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33634	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33637	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33641	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33644	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33645	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33647	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33648	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33650	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33651	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33652	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33654	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33658	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33661	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33662	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33664	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33665	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33666	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33667	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33668	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33669	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33671	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33672	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33673	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33674	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33675	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33676	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33678	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33680	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33683	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33685	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33686	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33689	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33690	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33696	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
33701	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33702	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33703	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33704	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33705	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33707	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33708	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33710	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33711	68111	8	2E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
33712	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33713	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33715	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33716	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33717	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33719	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33720	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33721	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33722	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33723	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33724	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33727	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33729	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
33730	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33733	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33734	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33736	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33737	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33738	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33740	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33741	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	8E-02	--	--	--	1E-02	2E+03	--	2E+03
33742	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33743	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33744	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33745	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33746	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33750	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33751	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33752	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33753	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33755	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33757	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33758	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33759	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33760	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33761	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33763	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33764	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33767	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33768	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33769	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33772	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	7E-02	--	--	--	1E-02	2E+03	--	2E+03
33780	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33781	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33782	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33785	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33786	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33788	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33792	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33794	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33795	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33796	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33797	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33799	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33802	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33803	68111	8	7E-06	6E-01	6E-02	--	--	--	1E-01	5E-03	--	4E-01	--	--	--	1E-02	2E+03	--	2E+03
33804	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33805	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33806	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33807	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33809	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33810	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33813	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33817	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33818	68111	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
33822	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33823	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33827	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33831	68111	8	9E-06	7E-01	7E-02	--	--	--	1E-01	5E-03	--	5E-01	--	--	--	1E-02	2E+03	--	2E+03
33832	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33833	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33835	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33839	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33843	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33844	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33845	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33848	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33850	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33851	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33856	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
33859	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33861	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33863	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33865	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33868	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33869	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33870	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33871	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33873	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33875	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
33878	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33885	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33889	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33891	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33895	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33896	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33899	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33900	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33901	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33903	68111	8	4E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
33908	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33910	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33911	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33913	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33915	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
33919	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33923	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33924	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33930	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33931	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33932	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33933	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33937	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33938	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33939	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33942	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33944	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33945	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33947	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
33948	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33949	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33950	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33951	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33953	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
33954	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33955	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33956	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33957	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33959	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33964	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33966	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33967	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33971	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33972	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33976	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33977	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
33978	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33981	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33983	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
33985	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33987	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33988	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33989	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33992	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33993	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
33995	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33996	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33997	68111	8	7E-07	4E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
33998	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34001	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34003	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34004	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34005	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34006	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34008	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34011	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34014	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34015	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34016	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34017	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34018	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34019	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34021	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34025	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34026	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34028	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34031	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34032	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34036	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34037	68111	7	1E-05	7E-01	7E-02	--	--	--	--	4E-03	--	6E-01	--	--	--	--	2E+03	--	2E+03
34040	68111	8	9E-06	9E-01	9E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E+03	--	2E+03
34042	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34043	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34044	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34051	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34052	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34056	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34059	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34060	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
34061	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34062	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34063	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34064	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34065	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34066	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34067	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34069	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34070	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34074	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34075	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
34077	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34078	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34079	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34080	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34082	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34083	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34084	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34085	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34086	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34087	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34088	68111	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	9E-01	--	--	--	1E-02	2E+03	--	2E+03
34090	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34091	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34094	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34095	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34099	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34101	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34103	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34105	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34107	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34111	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34112	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34113	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34118	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34119	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34120	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34125	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34126	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
34127	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34128	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34129	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34130	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34131	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34135	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34136	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34137	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34139	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34140	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34141	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34142	68111	8	1E-04	6E+00	6E-01	--	--	--	4E-01	4E-03	--	6E+00	--	--	--	4E-02	2E+03	--	2E+03
34143	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34144	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34145	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34146	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34147	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34149	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34151	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34153	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34154	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34155	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34156	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34157	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34158	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34160	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34161	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34163	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34164	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34165	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34169	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34170	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34173	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34179	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34180	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34181	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34182	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34183	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34184	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34186	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34187	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34192	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34193	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34194	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34196	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34197	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34198	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34199	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34200	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34202	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34203	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34204	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34207	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34209	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34211	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34212	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34215	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34216	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34219	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34220	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34221	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34222	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	7E-03	--	8E-01	--	--	--	4E-02	2E+03	--	2E+03
34223	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34224	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
34225	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34226	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34228	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34229	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34231	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34233	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34234	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34238	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34247	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	2E+03	--	2E+03
34248	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34250	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34251	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
34252	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34253	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34255	68111	8	4E-05	3E+00	3E-01	--	--	--	4E-01	4E-03	--	2E+00	--	--	--	4E-02	2E+03	--	2E+03
34257	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
34258	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34259	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34314	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34315	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34317	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34320	68111	8	4E-06	4E-01	4E-02	--	--	--	2E-01	3E-03	--	2E-01	--	--	--	2E-02	2E+03	--	2E+03
34326	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34327	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34329	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34331	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34333	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34334	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34336	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34342	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34344	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34347	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34348	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34351	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34355	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34370	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34371	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34372	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34373	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34374	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34376	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34377	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34380	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34382	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34383	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34384	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34385	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34386	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34387	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
34389	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34391	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34392	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34393	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34395	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34396	68111	8	5E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
34400	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34401	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34402	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34403	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34404	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34406	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34407	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34408	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34409	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34410	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34414	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34416	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34421	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34422	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34423	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34424	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34425	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34426	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34428	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34429	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34430	68111	7	1E-05	8E-01	9E-02	--	--	--	--	3E-03	--	7E-01	--	--	--	--	2E+03	--	2E+03
34432	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34433	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34434	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34443	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34444	68111	8	4E-05	3E+00	3E-01	--	--	--	4E-01	9E-03	--	2E+00	--	--	--	4E-02	2E+03	--	2E+03
34445	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34448	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34450	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34454	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34456	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34460	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34462	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34468	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34470	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34471	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34472	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34474	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34476	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34478	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	2E-02	2E+03	--	2E+03
34480	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34481	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34484	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34485	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34487	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34489	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34490	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34491	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34492	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34496	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34497	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34499	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34500	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34502	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34503	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	5E-02	2E+03	--	2E+03
34505	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34506	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34507	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34509	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34512	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34518	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34521	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34522	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34523	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34527	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34535	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34538	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34539	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34545	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34547	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34550	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34553	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34555	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34558	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34560	68111	8	2E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	9E-01	--	--	--	4E-02	2E+03	--	2E+03
34562	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34565	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34568	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34570	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34572	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34574	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34575	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34580	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34581	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34583	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34586	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34591	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34594	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34595	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	5E-02	2E+03	--	2E+03
34599	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34600	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34605	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34606	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34609	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34612	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34615	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34616	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34621	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34624	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34626	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34627	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34628	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34629	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34635	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34639	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34648	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34651	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34654	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34663	68111	7	4E-06	3E-01	4E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
34665	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
34668	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34669	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34670	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34672	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34675	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34676	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34679	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34684	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34685	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34686	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34689	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34690	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34691	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34693	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34699	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34701	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34703	68111	8	3E-06	1E+00	1E-01	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34706	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34707	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34709	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
34711	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34713	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34729	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34735	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34743	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34747	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34748	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34749	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34751	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34755	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34758	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34759	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34766	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34767	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34771	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34777	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34778	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
34780	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34781	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34784	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34790	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34792	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34794	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34797	68111	1	--	7E-04	8E-05	--	--	--	--	7E-04	--	--	--	--	--	--	8E-05	--	--
34799	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34801	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34805	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34812	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34814	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34817	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34820	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34822	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34826	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34827	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34829	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34830	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34833	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34835	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34836	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34852	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34853	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34856	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34862	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34863	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34864	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34867	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34868	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34869	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34872	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34874	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34876	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34881	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34884	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34887	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34888	68111	8	7E-06	2E+00	3E-01	--	--	--	2E+00	6E-03	--	4E-01	--	--	--	2E-01	2E+03	--	2E+03
34889	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
34892	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34896	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34897	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34898	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34904	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34908	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34911	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34916	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34917	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34918	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34920	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34921	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34922	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34923	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
34925	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34926	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34928	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34930	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34931	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34934	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34935	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34936	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
34938	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34940	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34941	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34942	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34943	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34944	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34945	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
34946	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
34948	68111	8	7E-06	8E-01	9E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	5E-02	2E+03	--	2E+03
34950	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34953	68111	7	4E-06	3E-01	4E-02	--	--	--	--	9E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
34954	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34957	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34958	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34959	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34960	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34962	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34963	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34964	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34966	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34968	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34971	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34974	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34977	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34979	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34981	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
34985	68111	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	2E+03	--	2E+03
34990	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34992	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34993	68111	7	3E-05	2E+00	2E-01	--	--	--	--	5E-03	--	2E+00	--	--	--	--	2E+03	--	2E+03
34995	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34996	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34999	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
35002	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35003	68111	8	5E-06	7E-01	8E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	2E+03	--	2E+03
35005	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35006	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35011	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35014	68111	7	2E-06	2E-01	3E-02	--	--	--	--	7E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
35023	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35024	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35026	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35029	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35032	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35034	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35035	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35039	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35041	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35042	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
35043	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	1E-02	2E+03	--	2E+03
35050	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35054	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35055	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35056	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35059	68111	7	2E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	2E+03	--	2E+03
35061	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35066	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35072	68111	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	2E+03	--	2E+03
35073	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35077	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35079	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35082	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35083	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35089	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35094	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35095	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
35097	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35099	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35101	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35104	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35106	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35107	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35108	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35109	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35112	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35115	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35117	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35118	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35119	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35121	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35123	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35124	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35125	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35128	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35130	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35133	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35136	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35137	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	1E-01	--	--	--	1E-02	2E+03	--	2E+03
35138	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35141	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35142	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35144	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35145	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35146	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35149	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35151	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35152	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E+03	--	2E+03
35154	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35155	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35156	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35161	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35162	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35163	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35164	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35165	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35167	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35173	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35175	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35179	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35181	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35186	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35189	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35193	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35195	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35201	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35206	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35214	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35218	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35222	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35223	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	2E+03	--	2E+03
35225	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35227	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35229	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35231	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35232	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35233	68111	8	8E-06	6E-01	6E-02	--	--	--	1E-01	3E-03	--	4E-01	--	--	--	2E-02	2E+03	--	2E+03
35236	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35240	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35242	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	7E-03	--	4E-02	--	--	--	4E-02	2E+03	--	2E+03
35247	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35251	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35252	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	2E+03	--	2E+03
35262	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35263	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35266	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35268	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35269	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35270	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35271	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35272	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35273	68111	8	3E-05	2E+00	2E-01	--	--	--	4E-01	8E-03	--	1E+00	--	--	--	4E-02	2E+03	--	2E+03
35275	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35277	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35279	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35281	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35284	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35285	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35287	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35288	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
35290	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
35291	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35293	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35294	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35295	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35296	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35301	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35305	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35306	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35309	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35310	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35311	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35314	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35316	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35317	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35322	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35324	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35328	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35329	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35332	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35334	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35345	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35350	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35352	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35354	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35355	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35359	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35360	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35367	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35369	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35373	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35375	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35376	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35378	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35382	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35385	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35387	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35393	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35394	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35398	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35399	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35401	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35404	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35406	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35407	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35409	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35411	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35412	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35414	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35415	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35417	68111	8	1E-05	9E-01	1E-01	--	--	--	4E-01	4E-03	--	5E-01	--	--	--	4E-02	3E+03	--	3E+03
35418	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35425	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35427	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35428	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35429	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35430	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35435	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35437	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35442	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35444	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35448	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35451	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35453	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35456	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35458	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
35460	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35462	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35466	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35468	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35469	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35470	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35473	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35474	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35475	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35483	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35488	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35492	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35495	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35498	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35499	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35503	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
35506	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35507	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35509	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35511	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35513	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35517	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
35518	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35519	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35521	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35529	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35534	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35535	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35536	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35537	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35538	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35540	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35545	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35548	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35550	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35553	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35556	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35560	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35561	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35563	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35564	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35565	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35567	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35571	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35572	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35574	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35575	68111	8	6E-06	5E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
35576	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35579	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35580	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35581	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35584	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35585	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35587	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35588	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35590	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35594	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35596	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35599	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35600	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35601	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35602	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35604	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35605	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35608	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35610	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35612	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35613	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35614	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
35615	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35619	68111	7	4E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
35620	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35623	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35624	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35626	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35630	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35651	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35652	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35660	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35666	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35672	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35675	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35684	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35685	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35691	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35692	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35698	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35700	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35704	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35709	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35711	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35715	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35717	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35718	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35722	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35723	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35729	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35730	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35735	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35736	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35740	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35743	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35752	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35755	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35758	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35761	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35768	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35773	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35775	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35776	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35778	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35781	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35786	68111	7	3E-06	3E-01	3E-02	--	--	--	--	6E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
35789	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35794	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35798	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35799	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35801	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35802	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35803	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35807	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35810	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35811	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35813	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35819	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35820	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35821	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
35822	68111	8	6E-06	5E-01	5E-02	--	--	--	1E-01	2E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
35824	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35825	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35826	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
35828	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35829	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35830	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
35831	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35832	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35833	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35836	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35837	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35839	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35843	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35844	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35845	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35848	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35849	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35853	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35856	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35858	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35859	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35863	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35867	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
35868	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35871	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35872	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35877	68111	8	8E-05	5E+00	5E-01	--	--	--	1E-01	6E-03	--	4E+00	--	--	--	2E-02	3E+03	--	3E+03
35880	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35885	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35886	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35888	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35890	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35892	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35915	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35921	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
35930	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35935	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35936	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35943	68111	8	7E-07	5E-01	6E-02	--	--	--	5E-01	6E-03	--	4E-02	--	--	--	5E-02	3E+03	--	3E+03
35945	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35947	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35948	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35950	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35958	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35961	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35964	68111	8	5E-06	8E-01	8E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
35967	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35969	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
35975	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
35977	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35981	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35984	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35987	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35990	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
35992	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
35994	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35997	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36000	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36002	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36007	68111	8	2E-06	2E+00	2E-01	--	--	--	1E+00	5E-03	--	1E-01	--	--	--	2E-01	3E+03	--	3E+03
36015	68111	8	3E-06	5E-01	6E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36017	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36021	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36023	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36024	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36027	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36029	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36036	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36040	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
36043	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36045	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36046	68111	8	7E-07	5E-01	5E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	5E-02	3E+03	--	3E+03
36051	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36056	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36057	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36065	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36067	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36069	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36072	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
36073	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36075	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36077	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36091	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36093	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36095	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36098	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36100	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36101	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36109	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36110	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36112	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36114	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36116	68111	8	2E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	9E-01	--	--	--	4E-02	3E+03	--	3E+03
36119	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36120	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36125	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36126	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36130	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36133	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36137	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36138	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
36139	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36141	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36144	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36147	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36151	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36154	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36156	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36158	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36162	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36166	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36167	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36177	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36186	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36188	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36190	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36193	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36194	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
36196	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36197	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36198	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36199	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36201	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36202	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36203	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36204	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36207	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36208	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36209	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36210	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36212	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
36213	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36217	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36218	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36220	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36221	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36224	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36232	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36233	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36236	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36238	68111	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
36239	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36243	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36246	68111	8	4E-05	3E+00	3E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	3E+03	--	3E+03
36247	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36249	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36251	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
36253	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36255	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36257	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
36258	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36259	68111	8	6E-06	5E-01	6E-02	--	--	--	1E-01	1E-02	--	4E-01	--	--	--	1E-02	3E+03	--	3E+03
36260	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36262	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36263	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36264	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36265	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36269	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36270	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36272	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36273	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36274	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36275	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36278	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36279	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36280	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36281	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36288	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36289	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36298	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36300	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36302	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36305	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36309	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36311	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36313	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36315	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36320	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36323	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36324	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36325	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
36329	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36330	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36331	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36337	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36340	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36341	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36351	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36353	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36354	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36356	68111	8	3E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
36358	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36366	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
36370	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36372	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36383	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36386	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36388	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36390	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36392	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36394	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36396	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36399	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36402	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36405	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36408	68111	8	3E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
36409	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36410	68111	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36416	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36419	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36427	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
36430	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36431	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36437	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36438	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36441	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36442	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36444	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36446	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36448	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36452	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36464	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
36466	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36467	68111	7	1E-05	8E-01	8E-02	--	--	--	--	6E-03	--	7E-01	--	--	--	--	3E+03	--	3E+03
36470	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36473	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36474	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36478	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36479	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36489	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36493	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
36494	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36500	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36505	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36507	68111	7	4E-06	3E-01	4E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
36510	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36512	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36514	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36516	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36517	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36518	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36522	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36527	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36530	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36531	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36532	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36540	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36545	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36546	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36553	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36557	68111	8	3E-05	2E+00	2E-01	--	--	--	1E-01	5E-03	--	2E+00	--	--	--	1E-02	3E+03	--	3E+03
36574	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Exposure Medium: Surface Soil

TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36589	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36617	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36619	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36623	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36629	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36637	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36639	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36640	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36643	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36645	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36649	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36656	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
36677	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36678	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36679	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
36683	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36689	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36690	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36700	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36701	68111	8	4E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
36706	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
36709	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36713	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36715	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36721	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36726	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36733	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
36747	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36749	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36755	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36769	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36774	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36781	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36785	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36789	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36793	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36806	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36807	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36810	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36817	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36819	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36821	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36824	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36830	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36832	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36836	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36844	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36845	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36846	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36855	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36856	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36861	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36869	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36873	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36877	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36882	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36885	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36888	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36897	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36899	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
36901	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36907	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36911	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36916	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36923	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36927	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36931	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36936	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
36938	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36942	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36943	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36957	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36958	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36959	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
36960	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
36979	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36980	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
36985	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36988	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37002	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37010	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37011	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37016	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37018	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37019	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37020	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37023	68111	8	7E-06	8E-01	9E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
37025	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
37031	68111	8	5E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
37036	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
37037	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37045	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37048	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37049	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37050	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37053	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37054	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37062	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37063	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37066	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37070	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37078	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37084	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37087	68111	8	1E-05	7E-01	7E-02	--	--	--	1E-01	4E-03	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
37089	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37090	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37097	68111	8	3E-05	2E+00	3E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	4E-02	3E+03	--	3E+03
37099	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37103	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37105	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37109	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37111	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37116	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37121	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37122	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37125	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37126	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37128	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37133	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37134	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37151	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37156	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
37161	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37165	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37168	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37169	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37170	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37171	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37175	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37176	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37181	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37184	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37189	68111	8	9E-06	6E-01	7E-02	--	--	--	1E-01	5E-03	--	5E-01	--	--	--	1E-02	3E+03	--	3E+03
37191	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37193	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	1E-02	3E+03	--	3E+03
37204	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37210	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
37211	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37219	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
37223	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
37224	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37226	68111	8	2E-06	5E-01	5E-02	--	--	--	3E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
37235	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37237	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37259	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37261	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37265	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37271	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37276	68111	8	5E-06	8E-01	8E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	5E-02	3E+03	--	3E+03
37277	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37285	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37296	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37301	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37302	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37310	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37313	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37314	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37320	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37321	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37333	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37335	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37339	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37349	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37353	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37355	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37359	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37361	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	8E-02	--	--	--	1E-02	3E+03	--	3E+03
37365	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37367	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37385	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37389	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37399	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37400	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37402	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	6E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
37403	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37404	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37406	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37414	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37415	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37422	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37430	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37432	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37440	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37452	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37454	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37459	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37461	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37465	68111	8	1E-06	2E-01	2E-02	--	--	--	1E-01	8E-03	--	8E-02	--	--	--	1E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37468	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
37470	68111	7	2E-06	2E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
37476	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37479	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37483	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37486	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37494	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37497	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37502	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37503	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37504	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37505	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37506	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37507	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37508	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37510	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37512	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37517	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37546	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37550	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37552	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37577	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37579	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37582	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37588	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37589	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37592	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37601	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37610	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37612	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37620	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37622	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37623	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37627	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37633	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37636	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37639	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37640	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37641	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37642	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37646	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37647	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37648	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37649	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37651	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37653	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37655	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37658	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37659	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37662	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37666	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37675	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37684	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
37691	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37698	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37699	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37702	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37722	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37730	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37738	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
37741	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37743	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37747	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37748	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37754	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37755	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37756	68111	8	2E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
37758	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37760	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37769	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37771	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37775	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37776	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37780	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37782	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37785	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37786	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37789	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37791	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37795	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37800	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37825	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37829	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37833	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
37859	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37862	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37882	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
37884	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37890	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37892	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37899	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
37901	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37905	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37906	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37907	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
37914	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37920	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37922	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37923	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37927	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37929	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37934	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
37939	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37940	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37942	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37945	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37971	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37972	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37989	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
37990	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37992	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
37994	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
37998	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38001	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38007	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
38009	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38010	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38030	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38036	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38042	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38043	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38047	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38049	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38050	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38051	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38054	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
38055	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38059	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38062	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38066	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	9E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
38068	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38080	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38087	68111	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
38099	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38103	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38104	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38112	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38114	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38117	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38121	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38123	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38134	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38140	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38141	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38142	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38144	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38149	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38150	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38152	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38157	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38168	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38171	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38172	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38174	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38175	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38177	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38179	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38181	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38182	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38184	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38185	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38186	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38191	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38199	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38200	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38201	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38202	68111	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
38206	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38207	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38210	68111	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
38213	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38214	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38216	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38218	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38221	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38222	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38224	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38228	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38230	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38231	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38253	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
38254	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38261	68111	8	5E-06	7E-01	7E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
38265	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38268	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38269	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
38271	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38274	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38281	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38286	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38291	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38294	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38300	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
38304	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38316	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38320	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38356	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38359	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38363	68111	7	2E-06	2E-01	2E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
38369	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38372	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38375	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38379	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38383	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
38392	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38393	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38399	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38404	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38405	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38406	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38407	68111	8	1E-05	8E-01	8E-02	--	--	--	1E-01	4E-03	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
38408	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38411	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38414	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38419	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38421	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38425	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38426	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38429	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38437	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38439	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
38440	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38446	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
38449	68111	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
38452	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38456	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38478	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38485	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38486	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38489	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38492	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38495	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38500	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38504	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38508	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38511	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38520	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38522	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38524	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38525	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38527	68111	7	3E-06	3E-01	3E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
38528	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38530	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38536	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38543	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38546	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38551	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38568	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38572	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38581	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38582	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38585	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	5E-02	3E+03	--	3E+03
38587	68111	8	2E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	9E-01	--	--	--	4E-02	3E+03	--	3E+03
38592	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38593	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38607	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38613	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38615	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38618	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38619	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38621	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38623	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38627	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38632	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38639	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38645	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38648	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38652	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38653	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38660	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38700	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38706	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38708	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38709	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38713	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38715	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38716	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38718	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38721	68111	7	6E-06	5E-01	5E-02	--	--	--	--	3E-03	--	4E-01	--	--	--	--	3E+03	--	3E+03
38724	68111	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
38726	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38729	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38731	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38735	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38737	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38744	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38746	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38754	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38759	68111	8	4E-06	4E-01	4E-02	--	--	--	2E-01	5E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
38760	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38762	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38767	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38769	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38775	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38776	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38780	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
38781	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38784	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38786	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38789	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38792	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38805	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38809	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38816	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38819	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38825	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38831	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38836	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38842	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38845	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38848	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
38849	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38857	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38859	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38862	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
38864	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
38866	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38867	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38874	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
38881	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38884	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38886	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38891	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
38895	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
38899	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38903	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38914	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
38915	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
38930	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49155	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49162	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49163	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49168	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49169	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49203	68111	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
49238	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49311	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49312	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49313	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49314	68111	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49316	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49319	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49321	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49322	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49323	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49324	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
49325	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49326	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49327	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49328	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49340	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49341	68111	8	2E-06	2E-01	2E-02	--	--	--	1E-01	1E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
49345	68111	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
49352	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49353	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49354	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
50001	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50002	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50003	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50004	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50006	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50010	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50013	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50014	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50015	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50016	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50017	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50018	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50019	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50020	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50021	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50022	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50023	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50024	68111	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
50025	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50026	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50027	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50028	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50029	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50030	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50033	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50035	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50038	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50040	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50041	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50042	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50043	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50044	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50045	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50046	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50047	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50048	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50049	68111	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
50050	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50051	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50052	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50053	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50054	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50055	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50056	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50057	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50058	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50059	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50060	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50061	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50062	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50063	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50064	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50065	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50066	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50067	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50068	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50069	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50071	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50072	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50073	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
50074	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50075	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50076	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50077	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50078	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
50079	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50080	68111	7	1E-06	2E-01	2E-02	--	--	--	--	2E-03	--	6E-02	--	--	--	--	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50081	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50082	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50083	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50084	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50085	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50086	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50087	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50088	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50089	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50090	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50092	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50093	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50094	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50095	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50096	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50097	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50098	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50099	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50100	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50101	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
50102	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50103	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50104	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50105	68111	7	2E-06	2E-01	2E-02	--	--	--	--	2E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
50106	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50107	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
50108	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50109	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50110	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50111	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50112	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50113	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50114	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50115	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50116	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50117	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50118	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50119	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50120	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
50121	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50122	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50123	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50124	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50125	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50126	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50127	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50128	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

Scenario Timeframe: Current/Future
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50129	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50130	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50131	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50132	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50133	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50145	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50146	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
50148	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50149	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50150	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50151	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50152	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50355	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50356	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
50363	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50364	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50369	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50378	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50383	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50384	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50391	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50393	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50397	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50398	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50399	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50402	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50403	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50404	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
50405	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50406	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50407	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50408	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50409	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50410	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
50411	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50412	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50413	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50414	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50415	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50416	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50417	68111	8	7E-07	4E-01	4E-02	--	--	--	4E-01	2E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
50418	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50419	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50424	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
50428	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50431	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
50432	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50434	68111	8	2E-06	3E-01	3E-02	--	--	--	2E-01	3E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
50435	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50442	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50447	68111	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
50475	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50502	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50507	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50519	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50564	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
50612	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
50650	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52413	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
57755	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
57756	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
58433	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
58439	68111	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
61621	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
63239	68111	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
63248	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
63640	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
63736	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
63751	68111	8	2E-06	5E-01	5E-02	--	--	--	3E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
63752	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
64031	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
65483	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
68066	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
68067	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
68070	68111	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
68498	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
68686	68111	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
68689	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
68930	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
73737	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
73862	68111	8	4E-06	7E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
73865	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
74264	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
74664	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
74834	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
74835	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
74839	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
74841	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
75011	68111	8	6E-06	5E-01	6E-02	--	--	--	2E-01	5E-03	--	4E-01	--	--	--	2E-02	3E+03	--	3E+03
75648	68111	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
77146	68111	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
77760	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
79655	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
79703	68111	8	3E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
79704	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
82429	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
82430	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
83717	68111	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
86655	68111	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
87599	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
87761	68111	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
87901	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
89447	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
89598	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
89835	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
89893	68111	8	3E-06	5E-01	5E-02	--	--	--	3E-01	4E-03	--	1E-01	--	--	--	3E-02	3E+03	--	3E+03
89895	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
89996	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
90022	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90023	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90107	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
90373	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
90375	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90528	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90975	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
91234	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
91331	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
91335	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
91416	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
91926	68111	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
91927	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
562	68112	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2269	68112	13	4E-06	1E+00	1E-01	1E-01	--	3E-01	4E-01	1E-02	2E-01	2E-01	1E-02	--	3E-02	4E-02	3E+03	--	3E+03
3113	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5328	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
39713	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39714	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
39715	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39717	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39722	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
39729	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39737	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39740	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39744	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39746	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
39750	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39751	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39752	68112	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
39755	68112	8	3E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
39761	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39765	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
39775	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39786	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
39809	68112	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
39812	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39820	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39822	68112	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
39823	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39829	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
39834	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39840	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39845	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
39846	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
39874	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39924	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39928	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39931	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39937	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39941	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39945	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39951	68112	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
39957	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39961	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
39965	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39968	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
39970	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
39983	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
39988	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
39991	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39998	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40016	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40027	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40046	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40058	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
40072	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40077	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40079	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40082	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40087	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
40094	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
40135	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40141	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
40144	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40150	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
40159	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40164	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40174	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40184	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
40186	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
40190	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40192	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40194	68112	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
40196	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40205	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
40206	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40217	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40240	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40247	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
40253	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
40268	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40277	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40299	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40311	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40317	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40324	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
40332	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
40361	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40370	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40371	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40380	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
40391	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40402	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40404	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40409	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
40410	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40411	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
40412	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40414	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40421	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
40423	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
40429	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
40431	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40443	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
40452	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40474	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
40480	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
40486	68112	1	--	8E-04	8E-05	--	--	--	--	8E-04	--	--	--	--	--	--	8E-05	--	--
40498	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
40508	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40509	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40518	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40523	68112	8	3E-05	2E+00	2E-01	--	--	--	1E-01	2E-03	--	2E+00	--	--	--	2E-02	3E+03	--	3E+03
40527	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40529	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40534	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
40538	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
40547	68112	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
40662	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40663	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40671	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
40673	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
40695	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40705	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
40748	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40758	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
40783	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
40800	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40858	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40879	68112	8	6E-06	5E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
40894	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40905	68112	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
40914	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
40994	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
40997	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
40999	68112	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
41000	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
41005	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41006	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41009	68112	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
41012	68112	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
41015	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41029	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41031	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
41071	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
41099	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41117	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41120	68112	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
41137	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
41144	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
41157	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41189	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
41210	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
41229	68112	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
41242	68112	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
41254	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41271	68112	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
41347	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49205	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45344	68117	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45593	68117	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
61	68131	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
63	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
120	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
160	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
825	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
896	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
906	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
949	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
955	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
968	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
974	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1006	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1080	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1088	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1112	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1113	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1198	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1216	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1231	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1304	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1516	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2079	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2086	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2097	68131	13	2E-06	8E-01	8E-02	9E-02	--	9E-02	4E-01	3E-03	1E-01	1E-01	9E-03	--	1E-02	4E-02	3E+03	--	3E+03
2100	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2155	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2156	68131	13	1E-06	7E-01	8E-02	9E-02	--	9E-02	4E-01	3E-03	9E-02	8E-02	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
2165	68131	8	2E-06	5E-01	6E-02	--	--	--	4E-01	2E-02	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
2168	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2200	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2282	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
2321	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2335	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2341	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2361	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2368	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2412	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2413	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2417	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2419	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2423	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2426	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2428	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
2429	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
2430	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
3050	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3056	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
3071	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3142	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
3144	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
3179	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
3221	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5017	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5036	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5037	68131	13	7E-07	7E-01	8E-02	9E-02	--	9E-02	4E-01	3E-03	1E-01	4E-02	9E-03	--	1E-02	4E-02	3E+03	--	3E+03
5045	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5047	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5063	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5082	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5096	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5150	68131	13	5E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	7E-03	1E-01	3E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5151	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5153	68131	13	5E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	5E-03	1E-01	3E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5154	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5186	68131	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	5E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5187	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5188	68131	13	2E-06	9E-01	9E-02	9E-02	--	1E-01	4E-01	5E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5195	68131	13	2E-06	8E-01	9E-02	8E-02	--	9E-02	4E-01	7E-03	1E-01	1E-01	9E-03	--	1E-02	4E-02	3E+03	--	3E+03
5196	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5197	68131	13	3E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5259	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5260	68131	13	1E-06	7E-01	8E-02	7E-02	--	9E-02	4E-01	5E-03	1E-01	8E-02	8E-03	--	1E-02	4E-02	3E+03	--	3E+03
5265	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5266	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5267	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5269	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5270	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5271	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5272	68131	13	3E-06	9E-01	9E-02	1E-01	--	1E-01	4E-01	6E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5275	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5276	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5277	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5278	68131	13	8E-06	1E+00	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	5E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5297	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5298	68131	13	2E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	4E-03	1E-01	1E-01	2E-02	--	1E-02	4E-02	3E+03	--	3E+03
5299	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5373	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5374	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
5375	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5376	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5377	68131	13	3E-06	6E-01	6E-02	1E-01	--	1E-01	6E-02	3E-03	1E-01	2E-01	1E-02	--	1E-02	7E-03	3E+03	--	3E+03
5378	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
5379	68131	13	3E-06	6E-01	7E-02	1E-01	--	1E-01	9E-02	4E-03	1E-01	2E-01	1E-02	--	1E-02	9E-03	3E+03	--	3E+03
5380	68131	13	4E-06	7E-01	7E-02	1E-01	--	1E-01	6E-02	5E-03	2E-01	2E-01	1E-02	--	1E-02	6E-03	3E+03	--	3E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5384	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5627	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5685	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5688	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22791	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22793	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22794	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22797	68131	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
22809	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22814	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22835	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22839	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22843	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22845	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22846	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22848	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22855	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22856	68131	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
22857	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22858	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22865	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22867	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22869	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22870	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22871	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22872	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22874	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22875	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22878	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22880	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22881	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22895	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
22902	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22906	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22907	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22910	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22912	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22913	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22914	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22915	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22916	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22929	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22944	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22947	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22948	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22949	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22952	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22958	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22959	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22963	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22965	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22966	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
22967	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22969	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22970	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22971	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22974	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22977	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22980	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22981	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22984	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22989	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
22990	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22994	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22995	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22997	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22999	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23002	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23003	68131	8	7E-07	5E-01	5E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
23007	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23009	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23010	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23016	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
23018	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23023	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23025	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23028	68131	8	2E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
23031	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23032	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23042	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23043	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23044	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23045	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23046	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23051	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23056	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23059	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23069	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23072	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
23074	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23078	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23079	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23080	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23081	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23082	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23090	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23092	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23093	68131	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
23094	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23098	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23100	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23102	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23103	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23107	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23108	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23109	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23110	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23111	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23112	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23113	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23114	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23118	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23120	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23121	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23122	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23123	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23124	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23125	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23128	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23131	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23133	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23134	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23135	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23136	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23139	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23141	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23142	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23143	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23144	68131	8	2E-05	1E+00	1E-01	--	--	--	1E-01	6E-03	--	9E-01	--	--	--	2E-02	3E+03	--	3E+03
23145	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
23146	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23147	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23149	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23150	68131	8	6E-06	7E-01	8E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
23152	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23153	68131	8	9E-06	9E-01	1E-01	--	--	--	4E-01	4E-02	--	5E-01	--	--	--	4E-02	3E+03	--	3E+03
23154	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23155	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23156	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23157	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23158	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23161	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23162	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23163	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23164	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23165	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23166	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23167	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23168	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23171	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23172	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23173	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23174	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23175	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23177	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23178	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23179	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23180	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23183	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23184	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23186	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23187	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23188	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23190	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23191	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23198	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23200	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23205	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23206	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23207	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23208	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23209	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23210	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23211	68131	8	4E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23212	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23213	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23214	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23216	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23217	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23218	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23219	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23221	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23222	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23224	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23226	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23230	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23231	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23232	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23233	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23235	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23236	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23237	68131	8	3E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23238	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23241	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23243	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23244	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23245	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23246	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23248	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23249	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23252	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23253	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23254	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23255	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23256	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23258	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23260	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23262	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23263	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23264	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23266	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23267	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23268	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23269	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23270	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23271	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23273	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23274	68131	8	2E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	1E+00	--	--	--	4E-02	3E+03	--	3E+03
23275	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23276	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23277	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23280	68131	8	7E-07	4E-01	4E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
23281	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23285	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23286	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23288	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23289	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23292	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23293	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23294	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23295	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23296	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23297	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23301	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
23302	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23303	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23308	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23310	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23311	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23312	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23313	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23315	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23317	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23320	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23321	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23322	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23323	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23324	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23326	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23329	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23332	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23333	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23334	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23338	68131	7	2E-06	2E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
23339	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23340	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23341	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23342	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23343	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23344	68131	8	4E-06	4E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23345	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23346	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23347	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23348	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23350	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23353	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23355	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23356	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23357	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23358	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23360	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23361	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23362	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23364	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23365	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23367	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23368	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23369	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23371	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23372	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23374	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23375	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23377	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23379	68131	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23380	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23381	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23382	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23383	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23384	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23385	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23386	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23387	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23388	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23389	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23390	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23391	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23393	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23394	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23395	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23396	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23397	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23398	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23399	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23400	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23402	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23405	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23407	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23408	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23409	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23415	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23416	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23417	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23420	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23421	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23423	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23425	68131	8	7E-07	5E-01	5E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	5E-02	3E+03	--	3E+03
23427	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23428	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23429	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23430	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23431	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23432	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23433	68131	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
23434	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23436	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23437	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23438	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23439	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23440	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23441	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23442	68131	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
23443	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23444	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23445	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23446	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23447	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23448	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23449	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23450	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23451	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23452	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23453	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23455	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23456	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23457	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23458	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23459	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23460	68131	8	3E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
23461	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23463	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23465	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23468	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23469	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23470	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23471	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23472	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23473	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23474	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23475	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23477	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23480	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23482	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23483	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23484	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23485	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23487	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23488	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23489	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23490	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23491	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23492	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23493	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23494	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23500	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23501	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23502	68131	7	3E-06	3E-01	3E-02	--	--	--	--	1E-02	--	2E-01	--	--	--	--	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23503	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23504	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23505	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23506	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23508	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23509	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23510	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23512	68131	7	7E-06	5E-01	5E-02	--	--	--	--	4E-03	--	4E-01	--	--	--	--	3E+03	--	3E+03
23513	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23514	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23515	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23517	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23518	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23519	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23521	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23522	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23523	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23524	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23525	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23526	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23527	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23528	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23529	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23530	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23531	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23532	68131	8	3E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
23533	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23534	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23535	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23536	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23537	68131	8	7E-07	6E-01	6E-02	--	--	--	5E-01	5E-03	--	4E-02	--	--	--	5E-02	3E+03	--	3E+03
23538	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23539	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23541	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23543	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23544	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23545	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23547	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23549	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23550	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23553	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23554	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23556	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23557	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23558	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23559	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23560	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23563	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23564	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23566	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23567	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23568	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23569	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23571	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23572	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23573	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23575	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23576	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23577	68131	8	1E-06	2E-01	2E-02	--	--	--	1E-01	5E-03	--	6E-02	--	--	--	1E-02	3E+03	--	3E+03
23578	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23580	68131	8	4E-05	3E+00	3E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	5E-02	3E+03	--	3E+03
23581	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23582	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23583	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23584	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
23585	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23586	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
23587	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23588	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23591	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23595	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23596	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23599	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23600	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23602	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23603	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23605	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23606	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23607	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23608	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23609	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23610	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23611	68131	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23612	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23613	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23614	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23618	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23619	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23620	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23621	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23623	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23625	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23627	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23628	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23629	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23631	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23633	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23634	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
23635	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23636	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23637	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23638	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23640	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23641	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23642	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23643	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23644	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23645	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23646	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23647	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23650	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23651	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23652	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23653	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23654	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23657	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23658	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23660	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23661	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23662	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23663	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23664	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23666	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23667	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23668	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23670	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23672	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23673	68131	8	1E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	8E-02	--	--	--	4E-02	3E+03	--	3E+03
23674	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23675	68131	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23676	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23679	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23681	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23683	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23686	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23688	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23690	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23691	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23696	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23698	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23700	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23701	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23702	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23704	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23705	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23707	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23709	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23710	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23713	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23716	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23717	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23718	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23720	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23721	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23722	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23723	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23725	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23727	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23728	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23729	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23730	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23731	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23732	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23733	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23734	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23735	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23737	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23738	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23739	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23741	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23742	68131	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	5E-02	3E+03	--	3E+03
23743	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23746	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23748	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23749	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23752	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23753	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23754	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23757	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23758	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23759	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23761	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23762	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23763	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23764	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23765	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23766	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23767	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23768	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23771	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23772	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23773	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23778	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23779	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23780	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23783	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23784	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23786	68131	8	6E-06	8E-01	9E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
23787	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23788	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
23789	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23790	68131	8	1E-05	7E-01	8E-02	--	--	--	1E-01	3E-03	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
23791	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23792	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23794	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23797	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23798	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23799	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23800	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23803	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23804	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23805	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23806	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23807	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23808	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23809	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23810	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23811	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23813	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23814	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23816	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23817	68131	8	7E-07	4E-01	5E-02	--	--	--	4E-01	6E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
23819	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23821	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23822	68131	8	3E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
23823	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23824	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23825	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23826	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23827	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23829	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23830	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23831	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23832	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23833	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23834	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23835	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23836	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23840	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23841	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23843	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23844	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23845	68131	8	1E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	8E-02	--	--	--	4E-02	3E+03	--	3E+03
23846	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23847	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23848	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23849	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23850	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23854	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23855	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23858	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23859	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23861	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23862	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23863	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23864	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23866	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23870	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23872	68131	8	5E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
23873	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23875	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23877	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23878	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23879	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23881	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23882	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23883	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23886	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23888	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23889	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23890	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23891	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23892	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23893	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23894	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
23895	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
23897	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23899	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
23900	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23903	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23904	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23906	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23907	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23908	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23910	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23911	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23912	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23913	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23914	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23916	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23917	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23918	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23919	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23920	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23921	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23922	68131	8	2E-06	2E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
23923	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23924	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23925	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23926	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23927	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23928	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23929	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23930	68131	7	3E-06	3E-01	3E-02	--	--	--	--	7E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
23931	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23932	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23936	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23938	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23939	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23941	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23942	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23943	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23944	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23946	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23947	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23948	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23949	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23951	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23952	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23953	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23954	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23955	68131	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
23956	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23959	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23960	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23961	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
23963	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23964	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23965	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23967	68131	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
23968	68131	7	8E-06	6E-01	6E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	3E+03	--	3E+03
23970	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23971	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23972	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23975	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
23977	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23978	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23979	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23981	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23982	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23983	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23984	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23985	68131	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
23986	68131	8	7E-07	6E-01	7E-02	--	--	--	6E-01	5E-03	--	4E-02	--	--	--	6E-02	3E+03	--	3E+03
23987	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23988	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
23990	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23992	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23994	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23995	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23996	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
23998	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23999	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24000	68131	8	4E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24002	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24004	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24009	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24010	68131	8	5E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
24011	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24014	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24015	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24016	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24017	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24018	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24019	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24020	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24023	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24026	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24027	68131	8	3E-05	2E+00	2E-01	--	--	--	4E-01	5E-03	--	2E+00	--	--	--	4E-02	3E+03	--	3E+03
24028	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24029	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24033	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24035	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24036	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24038	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24039	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
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Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24040	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24042	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24044	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24047	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24048	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24050	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24052	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24053	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24056	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24057	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24059	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24060	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24062	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24063	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24064	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24065	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24069	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24070	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24071	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24073	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24074	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24076	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24078	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24079	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24080	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24081	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24082	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24083	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24084	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24086	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24087	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24089	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24092	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24093	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24095	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24096	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24098	68131	8	2E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24099	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24101	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24103	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24104	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24105	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24106	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24107	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24108	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24109	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24110	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24111	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24112	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24113	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24114	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24115	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24116	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24117	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24119	68131	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
24120	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24122	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24123	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24124	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24125	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24126	68131	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24128	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24131	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24132	68131	8	1E-05	9E-01	9E-02	--	--	--	1E-01	1E-02	--	7E-01	--	--	--	1E-02	3E+03	--	3E+03
24134	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24135	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24136	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24137	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24138	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24139	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24140	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24141	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	3E+03	--	3E+03
24142	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24143	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24144	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24145	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24146	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24148	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24149	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24150	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24152	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24153	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24154	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24156	68131	8	7E-07	5E-01	5E-02	--	--	--	4E-01	8E-03	--	4E-02	--	--	--	5E-02	3E+03	--	3E+03
24157	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24158	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24159	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24162	68131	8	3E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24163	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24164	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24167	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24169	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24171	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24174	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24175	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24176	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24178	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24179	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24180	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24181	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24182	68131	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
24189	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24190	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
24192	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24193	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24196	68131	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
24197	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24199	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24200	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24202	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24203	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24204	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24207	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24208	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24209	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24211	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24212	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24214	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24217	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24222	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24223	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24225	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24227	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24234	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24236	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24237	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24238	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24239	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24240	68131	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
24244	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24245	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24248	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24249	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24250	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24251	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24252	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24253	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24255	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24258	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24262	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24267	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24268	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24271	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24272	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24274	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	6E-01	--	--	--	4E-02	3E+03	--	3E+03
24275	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24276	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24277	68131	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24279	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24282	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24284	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24286	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24288	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24289	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24290	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24292	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24295	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24296	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24299	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24300	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24301	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24303	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24304	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24305	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24307	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24308	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24310	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24315	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24316	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24318	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24319	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24320	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24327	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24328	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24334	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24339	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24342	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24343	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24344	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24348	68131	8	2E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
24350	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24352	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24357	68131	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24358	68131	8	2E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	1E+00	--	--	--	4E-02	3E+03	--	3E+03
24359	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24361	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24362	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24365	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24366	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24367	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24369	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24370	68131	8	2E-05	1E+00	2E-01	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	3E+03	--	3E+03
24371	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24372	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24374	68131	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
24375	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24376	68131	8	1E-05	9E-01	1E-01	--	--	--	1E-01	3E-03	--	8E-01	--	--	--	1E-02	3E+03	--	3E+03
24377	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24379	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24381	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24382	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24384	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24385	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24386	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24387	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24388	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24389	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24390	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24391	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24392	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24393	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24394	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24395	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24396	68131	8	2E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24398	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24399	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24400	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24403	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24404	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24406	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24407	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24410	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24411	68131	8	8E-06	6E-01	6E-02	--	--	--	1E-01	7E-03	--	4E-01	--	--	--	2E-02	3E+03	--	3E+03
24412	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24413	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24414	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24418	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24420	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24421	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24423	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24424	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24428	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24430	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24431	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24432	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24433	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24434	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24435	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24436	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24437	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24438	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24439	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24441	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24442	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24451	68131	8	8E-06	6E-01	7E-02	--	--	--	1E-01	4E-03	--	5E-01	--	--	--	1E-02	3E+03	--	3E+03
24452	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24453	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24456	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24457	68131	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
24458	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24462	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24464	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24466	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24468	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24474	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24475	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24478	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24479	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24480	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24481	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24482	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24483	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24485	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24487	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24491	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24492	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24493	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24501	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24504	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24505	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24507	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24509	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24513	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24515	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24516	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24520	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24521	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24523	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24524	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24526	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24527	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24528	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24531	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24533	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24534	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24535	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24536	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24538	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24540	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24541	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24542	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24543	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24544	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24546	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24552	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24555	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24556	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24557	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24559	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24560	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24565	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24566	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24567	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24568	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24569	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24571	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24572	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24573	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24574	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24577	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	3E+03	--	3E+03
24579	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24581	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24582	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24583	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24584	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24587	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24591	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24592	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24595	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24596	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24597	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24599	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24600	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24601	68131	8	2E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24604	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24605	68131	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
24606	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24607	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24609	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24610	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24611	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24612	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24613	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24614	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24615	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24616	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24618	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24619	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24620	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24621	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24625	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24626	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24631	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24635	68131	8	6E-06	8E-01	8E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
24640	68131	8	9E-06	6E-01	7E-02	--	--	--	1E-01	7E-03	--	5E-01	--	--	--	1E-02	3E+03	--	3E+03
24641	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24643	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24646	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24647	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24648	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24649	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24652	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24653	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24655	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
24657	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24659	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24660	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24663	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24668	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24669	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24671	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24672	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24674	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24675	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24678	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24680	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24683	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24684	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24685	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24686	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24688	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24689	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24690	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24692	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24693	68131	8	5E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
24694	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24695	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24696	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24697	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24700	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24701	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24703	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24704	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24705	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24706	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24709	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24710	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24711	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24712	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24714	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24716	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24718	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24722	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24724	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24728	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24729	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24730	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24732	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24734	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24735	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24736	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24737	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24738	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24740	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
24746	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24747	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24750	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24751	68131	8	7E-07	4E-01	5E-02	--	--	--	4E-01	5E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
24755	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24757	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24758	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24759	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24760	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24762	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24763	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24765	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24768	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24771	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24773	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24775	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24776	68131	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
24778	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24779	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24780	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24781	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24782	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24783	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24784	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24785	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24787	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24788	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24790	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24792	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24793	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24794	68131	8	5E-06	7E-01	7E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
24795	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24799	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24800	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24801	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24802	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24807	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24808	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24811	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24812	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24813	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24815	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24816	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24818	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24820	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24822	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24823	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24824	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24825	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24827	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24828	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24829	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24830	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24831	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24832	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24834	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24836	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24837	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24838	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24839	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24841	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24843	68131	1	--	1E-03	2E-04	--	--	--	--	1E-03	--	--	--	--	--	--	2E-04	--	--
24844	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24847	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24848	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24849	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24850	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24853	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24855	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24857	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24858	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24859	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24861	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24863	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24864	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24865	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24869	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24870	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24871	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24872	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24874	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24875	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24876	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24877	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24878	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24880	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24881	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24882	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24884	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24885	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24887	68131	8	4E-06	6E-01	7E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24888	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24889	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24890	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24891	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24892	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24893	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24894	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24895	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24896	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24898	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24899	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24900	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24901	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24902	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24903	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24904	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24905	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24906	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24907	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24908	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24909	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24911	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24912	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24913	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24914	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24915	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24918	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24919	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24920	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24921	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24922	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24923	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24924	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24925	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24926	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24927	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
24928	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24931	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
24932	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24934	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24935	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24936	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24937	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24939	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24946	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24947	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24948	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24949	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24951	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24952	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24953	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24955	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24956	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24957	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24958	68131	8	4E-06	7E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
24959	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24960	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24961	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24962	68131	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
24963	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24964	68131	8	2E-06	2E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
24968	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
24969	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24970	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24971	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
24972	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24973	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24976	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24977	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24978	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24979	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24980	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24981	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24983	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24984	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24987	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24988	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
24989	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24990	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24992	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24993	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24994	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24997	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
24998	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25003	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25005	68131	8	1E-06	5E-01	5E-02	--	--	--	4E-01	8E-03	--	8E-02	--	--	--	4E-02	3E+03	--	3E+03
25006	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25007	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25008	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25009	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25010	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25011	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25012	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25016	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25019	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25021	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25022	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25025	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25026	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25027	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25028	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25030	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25031	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25032	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25035	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25037	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25039	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25041	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25042	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25044	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25047	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25049	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25051	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25052	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25053	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25056	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25057	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25059	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25061	68131	8	5E-06	4E-01	4E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
25062	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25063	68131	8	4E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
25065	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25066	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25068	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25069	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25070	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25071	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25072	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25075	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25076	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25077	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25078	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
25079	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25080	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25081	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25082	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25086	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25088	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25089	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25091	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25092	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25093	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25095	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25096	68131	8	3E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25098	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25100	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25105	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25106	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25107	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25108	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25109	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25112	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25113	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25114	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25116	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25117	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25119	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25121	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25123	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25124	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25126	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25127	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25130	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25131	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25133	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25135	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25137	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25139	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25140	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25141	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25142	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25144	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25145	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25146	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25147	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25150	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25151	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25152	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25153	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25154	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25155	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25156	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25158	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25159	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25160	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25161	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25162	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25163	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25164	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25165	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25166	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25167	68131	8	2E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	9E-02	--	--	--	1E-02	3E+03	--	3E+03
25168	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25169	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25171	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25173	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25180	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25181	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25182	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25183	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25184	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25185	68131	8	7E-07	5E-01	5E-02	--	--	--	4E-01	1E-02	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
25187	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25188	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25189	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
25190	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25191	68131	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
25193	68131	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25195	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25197	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25198	68131	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
25199	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25200	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25202	68131	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	7E-02	--	--	--	1E-02	3E+03	--	3E+03
25203	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25204	68131	8	3E-06	4E-01	4E-02	--	--	--	1E-01	2E-02	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
25206	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25208	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25209	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25210	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25213	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25215	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25216	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25217	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25221	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25223	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25225	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25226	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25227	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25228	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25230	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25231	68131	8	5E-06	7E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
25237	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25238	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25239	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25240	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25241	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25242	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
25245	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25247	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25250	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25251	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25253	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25254	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25255	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25256	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25259	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25260	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25263	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25265	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25271	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25274	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25277	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25278	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25281	68131	8	3E-06	3E-01	4E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
25282	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25284	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25285	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25286	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25288	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25289	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25292	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25293	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25294	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25295	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25296	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25298	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25299	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25301	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25302	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25303	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25305	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25309	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25311	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25312	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25313	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25314	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25315	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
25316	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25319	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25322	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25324	68131	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
25325	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25327	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25329	68131	8	7E-06	8E-01	8E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
25330	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25331	68131	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
25332	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25333	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25334	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25335	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25337	68131	8	4E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25344	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25346	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25347	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25348	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25349	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25351	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25352	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25355	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25356	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25357	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25359	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25361	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25362	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25364	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25365	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25369	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25371	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25374	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25376	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25377	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25381	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25383	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25384	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25385	68131	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
25391	68131	8	3E-06	1E+00	1E-01	--	--	--	9E-01	4E-03	--	2E-01	--	--	--	1E-01	3E+03	--	3E+03
25392	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25393	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25394	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25395	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25397	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25398	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25399	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25401	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25408	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25410	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
25411	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25412	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25414	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25418	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25420	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25421	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25422	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25423	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25425	68131	8	6E-05	4E+00	4E-01	--	--	--	4E-01	5E-03	--	4E+00	--	--	--	4E-02	3E+03	--	3E+03
25426	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25427	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25429	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25433	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25434	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25437	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25447	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25448	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25450	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25453	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25456	68131	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25457	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25458	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25459	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25460	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25461	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25466	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25467	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25469	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25470	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25473	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25474	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25475	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25477	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25478	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25480	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25481	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25485	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25489	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25491	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25492	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25494	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25495	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25496	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25498	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25500	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25501	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25503	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25505	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25507	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25508	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25509	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25513	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25514	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25515	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25518	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25520	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25522	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25523	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25527	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25529	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25530	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25531	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25532	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25537	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25539	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25540	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25541	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25543	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25544	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25546	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25547	68131	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25548	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25550	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25554	68131	8	4E-06	1E+00	1E-01	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
25557	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25558	68131	8	7E-07	4E-01	4E-02	--	--	--	4E-01	3E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
25560	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25562	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25564	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25565	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25569	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25571	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25573	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25574	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25576	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25577	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25579	68131	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
25580	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25581	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25584	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25585	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25586	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25587	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25591	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25592	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25594	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25595	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25599	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25600	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25601	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25603	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25604	68131	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
25605	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
25606	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25607	68131	8	2E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
25609	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25611	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25614	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25617	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
25618	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25623	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25628	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
25629	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25630	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25633	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25634	68131	8	3E-06	5E-01	6E-02	--	--	--	3E-01	1E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
25636	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25639	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25641	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25655	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25657	68131	8	5E-06	7E-01	7E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
25665	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
25668	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
25690	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25694	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49213	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49214	68131	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49215	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49370	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50000	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50009	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50439	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50446	68131	8	3E-06	5E-01	6E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
50448	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50534	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50576	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50580	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
55747	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
57809	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
58685	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
82423	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
86097	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
89514	68131	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-02	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
89546	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
89547	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
89787	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90307	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
90701	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90705	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
91158	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
91386	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
91457	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
92702	68131	1	--	1E-03	1E-04	--	--	--	--	1E-03	--	--	--	--	--	--	1E-04	--	--
93111	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
93113	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93114	68131	8	1E-04	6E+00	7E-01	--	--	--	4E-01	5E-03	--	6E+00	--	--	--	4E-02	3E+03	--	3E+03
93131	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93132	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93171	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93413	68131	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
93414	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93415	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93416	68131	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
93417	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
93418	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
93419	68131	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
93420	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
93540	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1358	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1373	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1381	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
1424	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
2021	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2136	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5018	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5137	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5139	68132	13	2E-06	8E-01	9E-02	1E-01	--	1E-01	4E-01	3E-03	1E-01	1E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5140	68132	13	2E-06	8E-01	9E-02	9E-02	--	1E-01	4E-01	2E-02	1E-01	1E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5312	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5313	68132	13	4E-06	9E-01	1E-01	1E-01	--	1E-01	4E-01	3E-03	1E-01	2E-01	1E-02	--	1E-02	4E-02	3E+03	--	3E+03
5314	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5315	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5316	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
5317	68132	13	7E-07	6E-01	7E-02	8E-02	--	7E-02	4E-01	2E-03	9E-02	4E-02	8E-03	--	7E-03	4E-02	3E+03	--	3E+03
49486	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49487	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49488	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49490	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49491	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49493	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49494	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49495	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49496	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49497	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49498	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49500	68132	8	5E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
49501	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49502	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49503	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49504	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49505	68132	8	3E-05	2E+00	2E-01	--	--	--	1E-01	4E-03	--	1E+00	--	--	--	1E-02	3E+03	--	3E+03
49506	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49509	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49510	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49511	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49512	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49513	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49514	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49515	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49516	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49517	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49518	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49519	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49521	68132	8	6E-06	8E-01	8E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
49522	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49523	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49524	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49525	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49526	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49527	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49528	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49529	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49536	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49538	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49539	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49540	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49541	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49542	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49543	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49544	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
49546	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49547	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49548	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49551	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49552	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49553	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49554	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49556	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49558	68132	8	5E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
49561	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49563	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49564	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49565	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49566	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49567	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49568	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49569	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49571	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49573	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49574	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49575	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49576	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49577	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49578	68132	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49583	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49584	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49585	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49588	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49589	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49590	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49591	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49592	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49594	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49595	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49599	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49602	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49603	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49604	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49607	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49608	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49610	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49612	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49613	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49614	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49615	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49616	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49618	68132	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
49619	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49620	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49621	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49622	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49623	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49624	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49625	68132	8	8E-06	6E-01	6E-02	--	--	--	1E-01	4E-03	--	4E-01	--	--	--	1E-02	3E+03	--	3E+03
49626	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49627	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	7E-02	--	--	--	1E-02	3E+03	--	3E+03
49628	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49632	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49634	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49635	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49637	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49638	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49639	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49640	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49641	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49642	68132	8	2E-05	2E+00	2E-01	--	--	--	1E-01	1E-02	--	1E+00	--	--	--	2E-02	3E+03	--	3E+03
49643	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49644	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49645	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49647	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49648	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49649	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49651	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49652	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49653	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49654	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49656	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49657	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49659	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49660	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49661	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49662	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49663	68132	8	9E-07	2E-01	2E-02	--	--	--	1E-01	7E-03	--	5E-02	--	--	--	1E-02	3E+03	--	3E+03
49664	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49665	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49666	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49667	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49668	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49669	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49670	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49671	68132	8	2E-05	2E+00	2E-01	--	--	--	1E-01	5E-03	--	1E+00	--	--	--	1E-02	3E+03	--	3E+03
49672	68132	8	2E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
49674	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49676	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49678	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49679	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49680	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49681	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49682	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49686	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49687	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49688	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49689	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49690	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49691	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49692	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49693	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49694	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49695	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49697	68132	8	5E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
49698	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49699	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49701	68132	8	4E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49702	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49703	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49704	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49707	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49708	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49709	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49712	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49713	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49714	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49716	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49717	68132	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
49722	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49723	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49724	68132	8	4E-06	4E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49725	68132	8	4E-05	3E+00	3E-01	--	--	--	3E-01	5E-03	--	2E+00	--	--	--	4E-02	3E+03	--	3E+03
49726	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	8E-01	--	--	--	4E-02	3E+03	--	3E+03
49727	68132	8	4E-06	6E-01	6E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49728	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49729	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49730	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49732	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49733	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49734	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49736	68132	8	2E-05	1E+00	2E-01	--	--	--	3E-01	5E-03	--	1E+00	--	--	--	4E-02	3E+03	--	3E+03
49737	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49738	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49739	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
49741	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49742	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49743	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49745	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49746	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49747	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49749	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49752	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49753	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49755	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49757	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49759	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49760	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49761	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49762	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49763	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49764	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49765	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49766	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49767	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49768	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49769	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49774	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49777	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49778	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49779	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49781	68132	8	4E-06	3E-01	4E-02	--	--	--	1E-01	8E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49782	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49783	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49784	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49785	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49786	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49787	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49788	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49791	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49793	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49796	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49797	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49799	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49800	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
49801	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49802	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49803	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49804	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49805	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49806	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49807	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49808	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49811	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49812	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
49813	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49814	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49815	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49816	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49817	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49818	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49819	68132	8	1E-05	8E-01	8E-02	--	--	--	1E-01	6E-03	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
49820	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49822	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49823	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49825	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49826	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49827	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49828	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49832	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49833	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49834	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49835	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49836	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49837	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49839	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49841	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49843	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49844	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49846	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
49848	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49849	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49851	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49852	68132	8	5E-06	4E-01	5E-02	--	--	--	1E-01	2E-02	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
49853	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49854	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49855	68132	8	9E-05	5E+00	6E-01	--	--	--	1E-01	4E-03	--	5E+00	--	--	--	2E-02	3E+03	--	3E+03
49857	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49858	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49859	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49860	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49861	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49862	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49863	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49864	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49865	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49868	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49870	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49872	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49874	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49876	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49877	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49881	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49883	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49884	68132	8	1E-05	8E-01	8E-02	--	--	--	1E-01	4E-03	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
49885	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49886	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49888	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49889	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49891	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49892	68132	7	3E-06	3E-01	3E-02	--	--	--	--	4E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
49893	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49894	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49895	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49897	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49898	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49899	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49901	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49902	68132	8	5E-07	2E-01	2E-02	--	--	--	1E-01	3E-03	--	3E-02	--	--	--	2E-02	3E+03	--	3E+03
49905	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49906	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49907	68132	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	2E-01	--	--	--	--	3E+03	--	3E+03
49908	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49909	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49910	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49911	68132	8	5E-06	4E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
49912	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49913	68132	8	2E-06	2E-01	3E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	1E-02	3E+03	--	3E+03
49914	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49915	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49916	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49917	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49918	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49920	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49921	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49922	68132	8	4E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49923	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49924	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49925	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49926	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49927	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49928	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49929	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	6E-02	--	--	--	1E-02	3E+03	--	3E+03
49930	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49931	68132	7	3E-06	3E-01	3E-02	--	--	--	--	1E-02	--	1E-01	--	--	--	--	3E+03	--	3E+03
49932	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49933	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49934	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49935	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49936	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
49937	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49938	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49939	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49940	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49941	68132	8	6E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
49943	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
49944	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49945	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49946	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49947	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49948	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49950	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49952	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49953	68132	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
49954	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49955	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49956	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	2E-02	3E+03	--	3E+03
49958	68132	8	2E-06	2E-01	3E-02	--	--	--	1E-01	3E-03	--	9E-02	--	--	--	2E-02	3E+03	--	3E+03
49959	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49960	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49961	68132	8	5E-06	4E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
49962	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49963	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49964	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49965	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49966	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49968	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49969	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
49970	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49971	68132	8	3E-06	5E-01	5E-02	--	--	--	3E-01	5E-03	--	1E-01	--	--	--	3E-02	3E+03	--	3E+03
49972	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49973	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49974	68132	8	6E-06	7E-01	8E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
49975	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49976	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49978	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49979	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49981	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49982	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49983	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49984	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49985	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49986	68132	8	2E-05	1E+00	1E-01	--	--	--	1E-01	9E-03	--	9E-01	--	--	--	1E-02	3E+03	--	3E+03
49988	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49989	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49990	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49991	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49992	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49993	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
49994	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
49995	68132	8	3E-06	6E-01	7E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	5E-02	3E+03	--	3E+03
49996	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50479	68132	8	4E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
50484	68132	8	5E-06	6E-01	7E-02	--	--	--	4E-01	2E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
50485	68132	8	5E-06	7E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
50490	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50493	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50494	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
50536	68132	8	1E-05	8E-01	8E-02	--	--	--	1E-01	1E-02	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
50549	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50550	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50591	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50592	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
50597	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51189	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51190	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	4E-03	--	8E-01	--	--	--	4E-02	3E+03	--	3E+03
51191	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51192	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51193	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51194	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51195	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51197	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51199	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51200	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51201	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51202	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51203	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51205	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51207	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51208	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51209	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51210	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51211	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51212	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51214	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51215	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51216	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51217	68132	8	2E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51218	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51219	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51220	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51221	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51222	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51223	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51224	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51225	68132	8	1E-06	2E-01	3E-02	--	--	--	1E-01	5E-03	--	6E-02	--	--	--	1E-02	3E+03	--	3E+03
51226	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51227	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51228	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51230	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51231	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51232	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51233	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51234	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51235	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51238	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51239	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51240	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51241	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51242	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51243	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51245	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51246	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51247	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51248	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51249	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51250	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51251	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51252	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51253	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51254	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51255	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51256	68132	8	7E-07	4E-01	4E-02	--	--	--	4E-01	4E-03	--	4E-02	--	--	--	4E-02	3E+03	--	3E+03
51259	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51260	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51261	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51262	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51263	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
51266	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51267	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51269	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51270	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51271	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51272	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51273	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51274	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51276	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51277	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51278	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
51279	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51280	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	6E-02	--	--	--	1E-02	3E+03	--	3E+03
51281	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51283	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51284	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51285	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51286	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51287	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51288	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51289	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51291	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51292	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51293	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51294	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51295	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51296	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51298	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51299	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51300	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51302	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51303	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51304	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51306	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51307	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51308	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51309	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51310	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51312	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51314	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51315	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51319	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51320	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51321	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51323	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51327	68132	8	1E-05	1E+00	1E-01	--	--	--	3E-01	4E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
51329	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51330	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51331	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51332	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51333	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51334	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51336	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51338	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51344	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51347	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51348	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51349	68132	8	1E-07	1E-01	1E-02	--	--	--	1E-01	3E-03	--	7E-03	--	--	--	1E-02	3E+03	--	3E+03
51350	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51351	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51352	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51353	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51354	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51356	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51357	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51358	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51359	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51361	68132	8	2E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	9E-02	--	--	--	1E-02	3E+03	--	3E+03
51362	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51363	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51364	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51367	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51368	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51369	68132	8	2E-05	1E+00	1E-01	--	--	--	1E-01	3E-03	--	9E-01	--	--	--	1E-02	3E+03	--	3E+03
51370	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51374	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51379	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51380	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51381	68132	8	1E-05	1E+00	1E-01	--	--	--	3E-01	3E-03	--	8E-01	--	--	--	4E-02	3E+03	--	3E+03
51383	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51384	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51386	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51387	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51388	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51389	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51391	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51392	68132	8	2E-06	2E-01	3E-02	--	--	--	1E-01	4E-03	--	9E-02	--	--	--	1E-02	3E+03	--	3E+03
51393	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51394	68132	8	5E-06	4E-01	5E-02	--	--	--	1E-01	4E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
51395	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51396	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51397	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51398	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51399	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51400	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51401	68132	8	5E-05	3E+00	3E-01	--	--	--	3E-01	4E-03	--	3E+00	--	--	--	4E-02	3E+03	--	3E+03
51404	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51405	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51407	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51408	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51409	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51410	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51412	68132	8	2E-06	5E-01	5E-02	--	--	--	3E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51413	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51414	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51415	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51416	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51422	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51426	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51427	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51433	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51434	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51437	68132	8	5E-05	3E+00	3E-01	--	--	--	1E-01	4E-03	--	3E+00	--	--	--	2E-02	3E+03	--	3E+03
51440	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51444	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51445	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51454	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51455	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51456	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51457	68132	8	3E-06	4E-01	4E-02	--	--	--	2E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
51458	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51459	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51460	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51464	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51466	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51467	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51468	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51469	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51470	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51471	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51473	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51474	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51475	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51476	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51479	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51480	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51481	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51482	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51483	68132	8	1E-05	7E-01	8E-02	--	--	--	1E-01	3E-03	--	6E-01	--	--	--	1E-02	3E+03	--	3E+03
51485	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51486	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51488	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51489	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51490	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51491	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51492	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	4E-03	--	8E-02	--	--	--	1E-02	3E+03	--	3E+03
51493	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51494	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51495	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51496	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51497	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51499	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51504	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51505	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51506	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51507	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51508	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51510	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51511	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51512	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
51515	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51516	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51517	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51519	68132	8	2E-06	2E-01	3E-02	--	--	--	1E-01	5E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
51520	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51522	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51524	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51525	68132	8	2E-06	6E-01	6E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51526	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51528	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51529	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51530	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51532	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51533	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51538	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51540	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51541	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51542	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51543	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51544	68132	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51545	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51546	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51547	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51550	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51551	68132	8	6E-06	8E-01	9E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
51552	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51553	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51556	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51557	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51558	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51559	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51561	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51564	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51565	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51566	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51567	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51569	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
51571	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51574	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51577	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51578	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51582	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51583	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51584	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51585	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51586	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51587	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51588	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51589	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51590	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51591	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51592	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51594	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51595	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51596	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51597	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51598	68132	8	5E-05	3E+00	4E-01	--	--	--	1E-01	2E-03	--	3E+00	--	--	--	1E-02	3E+03	--	3E+03
51600	68132	8	3E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51601	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51602	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51607	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51608	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51609	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51613	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51615	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51617	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51618	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51619	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51620	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51621	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51623	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51624	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51625	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51626	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51627	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51628	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51629	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51630	68132	8	3E-06	6E-01	6E-02	--	--	--	3E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51631	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51633	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51634	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51637	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51638	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51639	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51640	68132	8	6E-06	5E-01	5E-02	--	--	--	1E-01	6E-03	--	4E-01	--	--	--	1E-02	3E+03	--	3E+03
51641	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51642	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51645	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51646	68132	8	4E-06	4E-01	4E-02	--	--	--	1E-01	7E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51648	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51650	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51652	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51653	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51654	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51655	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51656	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51657	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51658	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51659	68132	8	1E-05	7E-01	8E-02	--	--	--	1E-01	4E-03	--	6E-01	--	--	--	2E-02	3E+03	--	3E+03
51660	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51661	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51662	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51663	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51664	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51667	68132	8	9E-06	9E-01	9E-02	--	--	--	4E-01	3E-03	--	5E-01	--	--	--	4E-02	3E+03	--	3E+03
51668	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51669	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51671	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
51672	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51673	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51676	68132	8	4E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51678	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51679	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51680	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51681	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51682	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51683	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51684	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51685	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51687	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51688	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51689	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51690	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51691	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51692	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51693	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51694	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51696	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51699	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51700	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51701	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51703	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51704	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51705	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51706	68132	8	7E-06	5E-01	6E-02	--	--	--	1E-01	7E-03	--	4E-01	--	--	--	2E-02	3E+03	--	3E+03
51708	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51709	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51710	68132	8	2E-06	6E-01	6E-02	--	--	--	5E-01	5E-03	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
51711	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51712	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
51715	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51716	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51717	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51720	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51721	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51722	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51724	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51725	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51727	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51728	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51730	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51731	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51733	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51734	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51735	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51736	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51737	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51738	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51747	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51748	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51749	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51750	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51751	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51752	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51753	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51754	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51756	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51757	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51758	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51759	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51764	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51765	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51766	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51767	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51768	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51769	68132	8	2E-05	1E+00	1E-01	--	--	--	1E-01	2E-03	--	1E+00	--	--	--	2E-02	3E+03	--	3E+03
51772	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51774	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51775	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51777	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51778	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51779	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51780	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	3E-03	--	7E-01	--	--	--	4E-02	3E+03	--	3E+03
51781	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51782	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51783	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51784	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51785	68132	8	4E-05	3E+00	3E-01	--	--	--	4E-01	2E-03	--	2E+00	--	--	--	4E-02	3E+03	--	3E+03
51786	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51787	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51788	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51789	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51790	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51791	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51792	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51793	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51795	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51796	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51797	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51798	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51800	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51801	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51802	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51803	68132	8	5E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
51805	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	2E-03	--	6E-01	--	--	--	4E-02	3E+03	--	3E+03
51806	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51807	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51808	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51809	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51813	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51814	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51816	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51817	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51818	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51819	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51820	68132	8	5E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
51821	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51822	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51825	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51826	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51827	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51828	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51829	68132	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
51831	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51832	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51834	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51835	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51837	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51838	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51839	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51840	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51842	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51843	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51844	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	5E-02	3E+03	--	3E+03
51845	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51846	68132	8	3E-06	6E-01	7E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51847	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51848	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51849	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51850	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51851	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51853	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51854	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	2E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51855	68132	8	1E-06	4E-01	5E-02	--	--	--	4E-01	3E-03	--	8E-02	--	--	--	4E-02	3E+03	--	3E+03
51856	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51857	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51858	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51859	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51860	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51861	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51863	68132	8	9E-06	9E-01	9E-02	--	--	--	4E-01	2E-03	--	5E-01	--	--	--	4E-02	3E+03	--	3E+03
51864	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51865	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51866	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	2E-02	3E+03	--	3E+03
51867	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51868	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51870	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51871	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51872	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51873	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51874	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51875	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51876	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51877	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51878	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51879	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51881	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51884	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51885	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51886	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51889	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51890	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51891	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51892	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51894	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51895	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51896	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51897	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51898	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51901	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51902	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51904	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51905	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51906	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51907	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51908	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51910	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51911	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51913	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51914	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51916	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51917	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51918	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	9E-03	--	6E-02	--	--	--	1E-02	3E+03	--	3E+03
51919	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51920	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51921	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
51922	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51923	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51924	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51926	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51927	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51928	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51929	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51930	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51932	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51933	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51934	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51935	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51936	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51937	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51938	68132	7	3E-06	3E-01	3E-02	--	--	--	--	3E-03	--	1E-01	--	--	--	--	3E+03	--	3E+03
51941	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51943	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51944	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51945	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51946	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51948	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51949	68132	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51950	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51951	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51955	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
51956	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51957	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51958	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51959	68132	8	8E-06	7E-01	7E-02	--	--	--	1E-01	4E-03	--	4E-01	--	--	--	1E-02	3E+03	--	3E+03
51960	68132	8	7E-06	8E-01	9E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
51961	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51962	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51964	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
51965	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51967	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51968	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51969	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51970	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51971	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51972	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
51973	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51977	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51978	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51979	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
51980	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51982	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
51983	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51984	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51985	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51986	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51987	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
51988	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51990	68132	8	4E-06	6E-01	7E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51992	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
51994	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51997	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
51998	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
51999	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52000	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52001	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52003	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52004	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52005	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52008	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52009	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52010	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52011	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52012	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52013	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52014	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52017	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52018	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52020	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52021	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52023	68132	8	7E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
52024	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52026	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52027	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52028	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52029	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52030	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52033	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52034	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52035	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	4E-03	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
52036	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52037	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52038	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52039	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52041	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52043	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52044	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52045	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52046	68132	8	5E-06	7E-01	7E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	3E+03	--	3E+03
52048	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52049	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52050	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52051	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52052	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52054	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52055	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52056	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52059	68132	8	2E-06	5E-01	5E-02	--	--	--	3E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
52060	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52062	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52064	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52065	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52066	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52068	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52070	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52071	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52072	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52074	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52075	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	3E-03	--	8E-02	--	--	--	1E-02	3E+03	--	3E+03
52076	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52077	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52078	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
52079	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52080	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
52082	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52084	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52085	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	5E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
52086	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52087	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52088	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52089	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52090	68132	8	4E-05	2E+00	3E-01	--	--	--	1E-01	4E-03	--	2E+00	--	--	--	1E-02	3E+03	--	3E+03
52091	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52093	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52094	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52095	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52096	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52097	68132	8	4E-06	4E-01	4E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
52099	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52100	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52101	68132	8	6E-06	5E-01	5E-02	--	--	--	1E-01	3E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
52102	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52103	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52104	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52105	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52106	68132	8	1E-05	1E+00	1E-01	--	--	--	4E-01	5E-03	--	8E-01	--	--	--	4E-02	3E+03	--	3E+03
52107	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52108	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52110	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52111	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52112	68132	8	9E-06	7E-01	7E-02	--	--	--	1E-01	3E-03	--	5E-01	--	--	--	1E-02	3E+03	--	3E+03
52113	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52114	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52115	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52116	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52119	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
52120	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52122	68132	8	1E-05	1E+00	1E-01	--	--	--	3E-01	4E-03	--	8E-01	--	--	--	4E-02	3E+03	--	3E+03
52124	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52126	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52127	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52128	68132	8	2E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	1E+00	--	--	--	5E-02	3E+03	--	3E+03
52129	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52130	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52131	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52133	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52134	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52135	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52136	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52137	68132	8	1E-06	2E-01	2E-02	--	--	--	1E-01	2E-03	--	8E-02	--	--	--	2E-02	3E+03	--	3E+03
52138	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52140	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	1E-02	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
52141	68132	8	6E-06	7E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
52142	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
52145	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52146	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52147	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52148	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52150	68132	8	3E-05	2E+00	2E-01	--	--	--	1E-01	3E-03	--	2E+00	--	--	--	1E-02	3E+03	--	3E+03
52151	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52153	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52154	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52155	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52156	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52157	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52158	68132	8	7E-06	8E-01	9E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
52159	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52163	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52164	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52165	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52166	68132	8	3E-06	6E-01	7E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52167	68132	8	2E-06	2E-01	3E-02	--	--	--	1E-01	2E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
52168	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52172	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52173	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52174	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52175	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52176	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52177	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52178	68132	8	3E-05	2E+00	2E-01	--	--	--	4E-01	3E-03	--	2E+00	--	--	--	4E-02	3E+03	--	3E+03

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TABLE 9.1.CT.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52181	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
52182	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52184	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52185	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52186	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52187	68132	8	4E-06	6E-01	7E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52188	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52189	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52190	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
52191	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52192	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52193	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52195	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52196	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52197	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52198	68132	8	5E-06	6E-01	7E-02	--	--	--	3E-01	3E-03	--	3E-01	--	--	--	3E-02	3E+03	--	3E+03
52199	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52200	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52201	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52202	68132	8	5E-06	4E-01	5E-02	--	--	--	1E-01	5E-03	--	3E-01	--	--	--	1E-02	3E+03	--	3E+03
52203	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52204	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52205	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52206	68132	8	7E-06	8E-01	8E-02	--	--	--	4E-01	3E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
52207	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52210	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52211	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52212	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52213	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52214	68132	8	4E-06	4E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	2E-02	3E+03	--	3E+03
52215	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52216	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52217	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52218	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52219	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52220	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52221	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52222	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52224	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52225	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52226	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52228	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
52229	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52230	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52231	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52233	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52235	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52237	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52238	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52239	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52240	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52242	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52243	68132	8	4E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52244	68132	8	3E-06	5E-01	6E-02	--	--	--	4E-01	2E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52245	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52246	68132	8	1E-05	8E-01	9E-02	--	--	--	1E-01	4E-03	--	7E-01	--	--	--	1E-02	3E+03	--	3E+03
52319	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52320	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52324	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52325	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52327	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	2E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
52328	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52330	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52331	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52332	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52333	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52334	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52336	68132	8	8E-05	5E+00	5E-01	--	--	--	4E-01	2E-03	--	4E+00	--	--	--	4E-02	3E+03	--	3E+03
52337	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52338	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52339	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52340	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52342	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52343	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
52345	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52349	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52350	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52352	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52353	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52355	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52356	68132	8	3E-06	6E-01	6E-02	--	--	--	4E-01	4E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
52357	68132	8	3E-06	6E-01	7E-02	--	--	--	5E-01	3E-03	--	2E-01	--	--	--	5E-02	3E+03	--	3E+03
52358	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52359	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52360	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52362	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52365	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52366	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52367	68132	8	1E-05	7E-01	8E-02	--	--	--	1E-01	2E-03	--	5E-01	--	--	--	2E-02	3E+03	--	3E+03
52368	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52370	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52371	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52373	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52374	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52375	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52378	68132	8	3E-06	3E-01	3E-02	--	--	--	1E-01	3E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
52379	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
52380	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52381	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52383	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52384	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52385	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52386	68132	8	2E-06	6E-01	6E-02	--	--	--	4E-01	3E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
52387	68132	8	2E-06	3E-01	3E-02	--	--	--	1E-01	6E-03	--	1E-01	--	--	--	1E-02	3E+03	--	3E+03
52390	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52391	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52392	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
52393	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52394	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52395	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52396	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52399	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
52400	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52402	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52403	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52406	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
52407	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52408	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
52409	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52411	68132	8	3E-06	3E-01	4E-02	--	--	--	1E-01	4E-03	--	2E-01	--	--	--	1E-02	3E+03	--	3E+03
63004	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
63007	68132	8	2E-06	5E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-02	--	--	--	4E-02	3E+03	--	3E+03
63008	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
63009	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
65501	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
65509	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
66774	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
66775	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
66776	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
66777	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
66779	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
66780	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
66781	68132	8	6E-06	8E-01	8E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	3E+03	--	3E+03
66782	68132	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
66783	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
66784	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
66786	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
66787	68132	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
66788	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
66791	68132	8	2E-06	5E-01	5E-02	--	--	--	3E-01	5E-03	--	1E-01	--	--	--	4E-02	3E+03	--	3E+03
66792	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.CT.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
66816	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
81810	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
83820	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
83821	68132	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
92431	68132	8	3E-06	6E-01	7E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	3E+03	--	3E+03
92645	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93335	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93347	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93348	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93473	68132	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
93493	68132	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--

BVID = Black and Veatch ID (property ID)
CNS = Central Nervous System
GI = Gastrointestinal

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1606	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22418	68102	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22422	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22428	68102	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22433	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22481	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22485	68102	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22486	68102	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22489	68102	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22493	68102	8	4E-05	4E-01	4E-02	--	--	--	4E-01	4E-02	--	6E-01	--	--	--	4E-02	4E-03	--	7E-02
22513	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22520	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22565	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22572	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22573	68102	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22583	68102	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22589	68102	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
22611	68102	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
22614	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22649	68102	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22714	68102	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22719	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22743	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22770	68102	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22782	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22786	68102	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22840	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22842	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22886	68102	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
23026	68102	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23034	68102	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
23694	68102	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23695	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24637	68102	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
25172	68102	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25233	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25264	68102	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25270	68102	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25283	68102	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25428	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25439	68102	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
25451	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25535	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25553	68102	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25561	68102	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25567	68102	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
25597	68102	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25626	68102	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25632	68102	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25654	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25656	68102	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25666	68102	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
25676	68102	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25700	68102	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25717	68102	8	9E-06	4E-01	4E-02	--	--	--	1E+00	5E-03	--	2E-01	--	--	--	1E-01	5E-04	--	2E-02
25720	68102	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
25725	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25792	68102	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25795	68102	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25852	68102	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25857	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25889	68102	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
25891	68102	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25905	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25914	68102	8	3E-05	3E-01	3E-02	--	--	--	4E-01	5E-03	--	5E-01	--	--	--	4E-02	5E-04	--	6E-02
55757	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
90101	68102	8	2E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	5E-04	--	5E-02
90103	68102	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90104	68102	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
202	68104	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
319	68104	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
518	68104	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
782	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2133	68104	13	6E-06	7E-01	7E-02	2E-01	--	2E-01	1E+00	8E-03	3E-01	1E-01	2E-02	--	3E-02	1E-01	8E-04	3E-02	1E-02
2275	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5019	68104	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5020	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5021	68104	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5026	68104	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	1E+00	2E-02	3E-01	2E+00	3E-02	--	3E-02	1E-01	2E-03	4E-02	2E-01
5141	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5142	68104	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5143	68104	13	1E-03	7E+00	7E-01	2E-01	--	3E-01	1E+00	8E-03	3E-01	2E+01	3E-02	--	3E-02	1E-01	8E-04	3E-02	2E+00
5144	68104	13	3E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	6E-03	3E-01	5E-01	3E-02	--	3E-02	1E-01	6E-04	4E-02	6E-02
5145	68104	13	2E-05	7E-01	8E-02	2E-01	--	2E-01	1E+00	8E-03	3E-01	3E-01	3E-02	--	2E-02	1E-01	8E-04	3E-02	4E-02
5147	68104	13	4E-05	8E-01	9E-02	2E-01	--	2E-01	1E+00	8E-03	2E-01	6E-01	2E-02	--	2E-02	1E-01	8E-04	2E-02	7E-02
5149	68104	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50476	68104	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50480	68104	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50551	68104	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50584	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50647	68104	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
52417	68104	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
57976	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
63438	68104	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
63851	68104	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
65573	68104	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
2	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
4	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
8	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
67	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
69	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
70	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
123	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
127	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
137	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
218	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
237	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
266	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
440	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
441	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
733	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
762	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
773	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
777	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
827	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
835	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
838	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
875	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
888	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
891	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
898	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
899	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
920	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
963	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
964	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
999	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1000	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1020	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1026	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1028	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1035	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1043	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1049	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1052	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1054	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1056	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1076	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1079	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1102	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1109	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1174	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1197	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1237	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1245	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1248	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1249	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1252	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1253	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1257	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1258	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1259	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1260	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1267	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1269	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1271	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1273	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1280	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1282	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1286	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1287	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1293	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1294	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1297	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1299	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1300	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1301	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1303	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1311	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1312	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1367	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1393	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1399	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1403	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1410	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1411	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1416	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1419	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
1420	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1452	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1459	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1503	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1515	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1520	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1524	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1528	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1533	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1572	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1592	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1593	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1596	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1598	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1600	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1604	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1617	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1623	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1626	68105	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	6E-02
1627	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1630	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1638	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2106	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2115	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2171	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2229	68105	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	6E-03	4E-01	4E-01	3E-02	--	3E-02	1E-01	7E-04	4E-02	5E-02
2237	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2272	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2299	68105	13	4E-05	7E-01	7E-02	3E-01	--	3E-01	1E-01	1E-02	4E-01	8E-01	3E-02	--	3E-02	1E-02	1E-03	4E-02	9E-02
2300	68105	13	2E-05	6E-01	6E-02	3E-01	--	3E-01	1E-01	2E-02	4E-01	4E-01	3E-02	--	3E-02	1E-02	2E-03	4E-02	5E-02
2308	68105	13	3E-05	6E-01	6E-02	3E-01	--	3E-01	1E-01	1E-02	3E-01	5E-01	3E-02	--	3E-02	2E-02	1E-03	4E-02	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2395	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2397	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
2403	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2438	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2439	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2441	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
2445	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2448	68105	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
2449	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2451	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2452	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2453	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2458	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2459	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2460	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2462	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2465	68105	8	2E-04	1E+00	1E-01	--	--	--	4E-01	8E-03	--	3E+00	--	--	--	4E-02	8E-04	--	3E-01
2466	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2468	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2470	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2475	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2501	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
3007	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3027	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3041	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
3076	68105	13	4E-05	6E-01	7E-02	3E-01	--	3E-01	1E-01	9E-03	4E-01	7E-01	3E-02	--	3E-02	1E-02	9E-04	4E-02	7E-02
3087	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3118	68105	13	3E-05	6E-01	7E-02	3E-01	--	3E-01	1E-01	5E-03	4E-01	5E-01	3E-02	--	3E-02	1E-02	5E-04	5E-02	6E-02
3203	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
3207	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3208	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
3209	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5002	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5033	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5049	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5050	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5051	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5052	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5053	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5054	68105	13	6E-06	6E-01	7E-02	2E-01	--	2E-01	1E+00	8E-03	2E-01	1E-01	2E-02	--	3E-02	1E-01	9E-04	2E-02	1E-02
5055	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5056	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5057	68105	13	1E-04	1E+00	2E-01	3E-01	--	3E-01	1E+00	8E-03	3E-01	2E+00	3E-02	--	3E-02	1E-01	9E-04	4E-02	2E-01
5058	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5059	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5061	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5099	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5102	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5103	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5104	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5105	68105	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	3E-01	4E-01	3E-02	--	3E-02	1E-01	1E-03	3E-02	5E-02
5106	68105	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
5108	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5109	68105	13	4E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	2E-02	2E-01	7E-01	3E-02	--	3E-02	1E-01	2E-03	2E-02	8E-02
5110	68105	13	9E-05	1E+00	2E-01	5E-01	--	4E-01	1E+00	1E-02	4E-01	2E+00	5E-02	--	5E-02	1E-01	1E-03	4E-02	2E-01
5111	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5112	68105	13	9E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	1E-02	3E-01	2E+00	4E-02	--	4E-02	1E-01	1E-03	4E-02	2E-01
5113	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5114	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5116	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5117	68105	13	7E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	2E-02	3E-01	1E+00	4E-02	--	4E-02	1E-01	2E-03	4E-02	1E-01
5123	68105	13	9E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	2E-02	3E-01	2E+00	3E-02	--	4E-02	1E-01	2E-03	4E-02	2E-01
5124	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5126	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5127	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5128	68105	13	7E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	9E-03	3E-01	1E+00	3E-02	--	3E-02	1E-01	1E-03	4E-02	1E-01
5129	68105	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	4E-02	3E-01	4E-01	3E-02	--	3E-02	1E-01	4E-03	3E-02	5E-02
5132	68105	13	1E-04	2E+00	2E-01	4E-01	--	4E-01	1E+00	7E-03	4E-01	3E+00	4E-02	--	4E-02	1E-01	8E-04	4E-02	3E-01
5133	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
5134	68105	13	3E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	4E-03	5E-01	5E-01	4E-02	--	4E-02	1E-01	5E-04	5E-02	5E-02
5135	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5136	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5190	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5281	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5325	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	2E-03	--	5E-02
5326	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5331	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5336	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5337	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5338	68105	13	3E-05	6E-01	7E-02	2E-01	--	3E-01	3E-01	1E-02	3E-01	5E-01	2E-02	--	4E-02	3E-02	1E-03	3E-02	6E-02
5339	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5340	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5341	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5342	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5343	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5344	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5345	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5346	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5347	68105	13	4E-05	8E-01	8E-02	3E-01	--	3E-01	4E-01	1E-02	4E-01	7E-01	4E-02	--	4E-02	4E-02	1E-03	4E-02	7E-02
5349	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5350	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5351	68105	13	7E-07	6E-02	6E-03	6E-05	--	2E-04	1E-01	1E-02	1E-02	1E-02	7E-06	--	3E-05	1E-02	1E-03	2E-03	1E-03
5352	68105	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	2E-01	2E-02	4E-01	2E+00	3E-02	--	4E-02	3E-02	2E-03	4E-02	3E-01
5353	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5354	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5355	68105	13	7E-04	4E+00	5E-01	3E-01	--	4E-01	4E-01	2E-02	3E-01	1E+01	3E-02	--	4E-02	4E-02	2E-03	3E-02	1E+00
5356	68105	13	3E-05	7E-01	8E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	5E-01	4E-02	--	4E-02	4E-02	1E-03	4E-02	6E-02
5357	68105	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	6E-01	3E-02	--	3E-02	3E-02	2E-03	4E-02	7E-02
5358	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5359	68105	13	3E-05	6E-01	7E-02	3E-01	--	3E-01	2E-01	1E-02	4E-01	5E-01	4E-02	--	3E-02	2E-02	1E-03	4E-02	6E-02
5360	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5361	68105	13	3E-05	5E-01	6E-02	2E-01	--	2E-01	2E-01	8E-03	2E-01	6E-01	2E-02	--	3E-02	2E-02	8E-04	3E-02	6E-02
5362	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5363	68105	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	1E-01	1E-02	4E-01	2E+00	3E-02	--	3E-02	1E-02	1E-03	4E-02	2E-01
5364	68105	13	5E-04	4E+00	4E-01	3E-01	--	4E-01	3E-01	1E-02	4E-01	1E+01	3E-02	--	4E-02	3E-02	1E-03	5E-02	1E+00
5365	68105	13	1E-04	1E+00	1E-01	3E-01	--	4E-01	1E-01	7E-03	4E-01	2E+00	3E-02	--	4E-02	1E-02	7E-04	4E-02	3E-01
5366	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5367	68105	13	3E-05	5E-01	6E-02	3E-01	--	3E-01	9E-02	1E-02	3E-01	5E-01	3E-02	--	3E-02	1E-02	1E-03	4E-02	6E-02
5368	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5369	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5370	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5371	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5372	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5382	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5383	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5478	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5486	68105	13	2E-05	5E-01	5E-02	2E-01	--	3E-01	1E-01	6E-03	3E-01	4E-01	2E-02	--	3E-02	1E-02	6E-04	3E-02	5E-02
5487	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5488	68105	13	2E-04	2E+00	2E-01	2E-01	--	3E-01	2E-01	8E-03	3E-01	4E+00	3E-02	--	3E-02	2E-02	8E-04	3E-02	4E-01
5489	68105	13	2E-04	2E+00	2E-01	3E-01	--	3E-01	3E-01	1E-02	3E-01	4E+00	3E-02	--	4E-02	3E-02	1E-03	4E-02	4E-01
5490	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5493	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5494	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5495	68105	13	7E-05	8E-01	9E-02	3E-01	--	4E-01	2E-01	2E-02	3E-01	1E+00	3E-02	--	4E-02	2E-02	2E-03	4E-02	1E-01
5508	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5509	68105	13	3E-05	6E-01	7E-02	3E-01	--	3E-01	2E-01	6E-03	4E-01	5E-01	3E-02	--	3E-02	2E-02	7E-04	5E-02	5E-02
5575	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5596	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5597	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5598	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5602	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5604	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5610	68105	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	3E-01	3E-02	4E-01	3E+00	3E-02	--	4E-02	3E-02	3E-03	4E-02	3E-01
12689	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12720	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12756	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12779	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12784	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
12797	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12799	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12802	68105	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
12805	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12860	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12862	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12863	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12864	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	5E-02	7E-04	--	5E-02
12866	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12867	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12868	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12869	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12872	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12873	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12875	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
12886	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	5E-02
12955	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12958	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12961	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12962	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12964	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
12968	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12969	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12971	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12973	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12974	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12995	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
13009	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13015	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13023	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13025	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13032	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13050	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13053	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13057	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13062	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13063	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13064	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13065	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13066	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13068	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13069	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
13070	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13072	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13073	68105	8	5E-05	4E-01	5E-02	--	--	--	4E-01	7E-03	--	8E-01	--	--	--	4E-02	8E-04	--	9E-02
13074	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13076	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
13077	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13078	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13080	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13081	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13083	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13084	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13085	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13086	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13087	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13088	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13089	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13091	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13092	68105	8	1E-04	8E-01	8E-02	--	--	--	4E-01	5E-03	--	2E+00	--	--	--	4E-02	5E-04	--	2E-01
13093	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13098	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13100	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13104	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13106	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13107	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13111	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13114	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13122	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13124	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13129	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13147	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13151	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13158	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13163	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13165	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13166	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
13167	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13168	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13170	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13172	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13173	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13175	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13178	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13179	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13181	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13182	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13185	68105	8	5E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-01	--	--	--	4E-02	3E-03	--	1E-01
13187	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
13191	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
13194	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13197	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13200	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13201	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13202	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13204	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
13209	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
13211	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13212	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13215	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13216	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13219	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13223	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13234	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13236	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
13237	68105	8	1E-04	8E-01	9E-02	--	--	--	4E-01	9E-03	--	2E+00	--	--	--	4E-02	9E-04	--	2E-01
13238	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13240	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
13243	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13244	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13245	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
13248	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
13249	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13250	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13252	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13255	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13257	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13259	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13262	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13263	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13265	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13266	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13268	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13270	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13272	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13273	68105	8	2E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	3E+00	--	--	--	4E-02	1E-03	--	3E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13274	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13280	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13281	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13282	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13283	68105	8	1E-04	1E+00	1E-01	--	--	--	3E-01	1E-02	--	3E+00	--	--	--	4E-02	1E-03	--	3E-01
13285	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13287	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13288	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13290	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13294	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13298	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13299	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13302	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13303	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13313	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13315	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13317	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13319	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13321	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13322	68105	8	3E-05	4E-01	5E-02	--	--	--	7E-01	8E-03	--	5E-01	--	--	--	8E-02	8E-04	--	6E-02
13324	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13327	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13331	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13334	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13336	68105	7	5E-04	3E+00	3E-01	--	--	--	--	7E-02	--	9E+00	--	--	--	--	7E-03	--	9E-01
13343	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13344	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13345	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13348	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13350	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13352	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13354	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13356	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13358	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13359	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13361	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13363	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13364	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13365	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13366	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13367	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13369	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13370	68105	8	3E-05	4E-01	4E-02	--	--	--	5E-01	7E-03	--	6E-01	--	--	--	5E-02	8E-04	--	7E-02
13372	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13373	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13375	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13376	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13377	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13379	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13381	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
13382	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13383	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
13384	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13386	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13387	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13388	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13389	68105	8	3E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	5E+00	--	--	--	1E-01	1E-03	--	6E-01
13391	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13392	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13394	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13395	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13397	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13398	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13401	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13402	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13403	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
13404	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13409	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13410	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13417	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13421	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13425	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13426	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13430	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13432	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13437	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
13438	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	6E-04	--	5E-02
13439	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13441	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13442	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13443	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13444	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13446	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13455	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13456	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13458	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13459	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13460	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13461	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13462	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13463	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13464	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13465	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13467	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13470	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13471	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13472	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13475	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13476	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	6E-02
13479	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13480	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13482	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13483	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13484	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13487	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13489	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13491	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13492	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13493	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13494	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13495	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13497	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13500	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13504	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13505	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13506	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13507	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13508	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13509	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13511	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13512	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13513	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13514	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13515	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13522	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13523	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13525	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13526	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13531	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13533	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13534	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13537	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13540	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13541	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13542	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13544	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13547	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13549	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13551	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13552	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13555	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13563	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13564	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13566	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13567	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13568	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13571	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13572	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13573	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	7E-02
13576	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13577	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
13578	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13579	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13581	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13583	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13585	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13586	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13587	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13588	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13590	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13594	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13597	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13598	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13601	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13603	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13604	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13605	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13606	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13607	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13609	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13611	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
13612	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13613	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13614	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13616	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13617	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13624	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13625	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13626	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13627	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13628	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13629	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13630	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13632	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13634	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13636	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13637	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13638	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13639	68105	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
13643	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13646	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13648	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13654	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13656	68105	7	2E-05	2E-01	3E-02	--	--	--	--	7E-03	--	4E-01	--	--	--	--	7E-04	--	4E-02
13659	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13660	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13663	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13665	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13670	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13671	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13673	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13678	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13683	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13684	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
13686	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13687	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13688	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13689	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13690	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
13697	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13701	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13703	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13706	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13707	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13708	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13711	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13712	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13713	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13714	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13715	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13716	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13717	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13718	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13719	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13720	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13721	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13722	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13723	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13724	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13725	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13726	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13728	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13730	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13731	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
13732	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13733	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13734	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13735	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
13736	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13737	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13738	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13740	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13741	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
13742	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13743	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13744	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13745	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
13747	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13748	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13749	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13750	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13752	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13753	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13754	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13756	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13757	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13758	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13761	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13762	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13763	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13765	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13769	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13772	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13778	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13779	68105	7	3E-05	3E-01	3E-02	--	--	--	--	9E-03	--	5E-01	--	--	--	--	9E-04	--	5E-02
13780	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13781	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13782	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13783	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13785	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13789	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13790	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
13791	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
13793	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	6E-04	--	7E-02
13797	68105	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
13799	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13800	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13804	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13805	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13811	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13814	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13815	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13816	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13819	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13820	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13821	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13823	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13828	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13830	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13831	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13833	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13834	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13835	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13839	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13842	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13843	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13844	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13849	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13850	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
13851	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	6E-04	--	5E-02
13853	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13855	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13856	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13857	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13859	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13861	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13863	68105	8	1E-04	3E+00	3E-01	--	--	--	5E+00	3E-02	--	2E+00	--	--	--	5E-01	3E-03	--	3E-01
13864	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13865	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13866	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13869	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	7E-04	--	7E-02
13871	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
13872	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13875	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13879	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13880	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	7E-01	--	--	--	4E-02	9E-04	--	7E-02
13882	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13884	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13886	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13890	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13891	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13893	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13898	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13900	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13904	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13905	68105	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
13906	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13907	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13908	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13909	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13910	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13911	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13912	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13913	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13915	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13916	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13917	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13918	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
13919	68105	7	5E-04	3E+00	3E-01	--	--	--	--	2E-02	--	9E+00	--	--	--	--	2E-03	--	1E+00
13922	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13927	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13928	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13932	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13934	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13935	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	4E-02
13940	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13942	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13943	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13944	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13945	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13947	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13948	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13951	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13956	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13957	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13959	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13966	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13971	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13972	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13973	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13974	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13975	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13976	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13977	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13979	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13980	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13981	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13982	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
13984	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
13985	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13986	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13987	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13988	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13993	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13997	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13999	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14000	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14002	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14003	68105	8	1E-05	4E-01	5E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
14005	68105	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
14006	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14007	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14010	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14012	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14013	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14014	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14015	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14016	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14017	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14019	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14021	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14023	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14024	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	9E-01	--	--	--	1E-01	8E-04	--	1E-01
14025	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14026	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14027	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14030	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14031	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14033	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14034	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14036	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14039	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14040	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14042	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14044	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14045	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14047	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14049	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14050	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
14052	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14053	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14054	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14058	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14061	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14063	68105	8	2E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
14064	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14066	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14068	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14069	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14070	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14073	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14075	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14077	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14078	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14080	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	8E-04	--	4E-02
14082	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14085	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14088	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14090	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14091	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14092	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14093	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14094	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14097	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14098	68105	8	4E-04	3E+00	3E-01	--	--	--	1E+00	3E-02	--	6E+00	--	--	--	1E-01	3E-03	--	7E-01
14099	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14100	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14101	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14102	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14103	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14104	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14105	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14108	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14109	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14114	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14115	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14116	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14117	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14118	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14122	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14124	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14125	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14126	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14127	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14129	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14131	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14132	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14133	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
14137	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14138	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14139	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14142	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14144	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14145	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14146	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14148	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14149	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14150	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14152	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14154	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14155	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14156	68105	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
14157	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14159	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14160	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14161	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14162	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14164	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14165	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14166	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14167	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14168	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14169	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14170	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14172	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14175	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14176	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14177	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14178	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14180	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14181	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14182	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14183	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14187	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14188	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14190	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14191	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14193	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14194	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14195	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14196	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14197	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14198	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14199	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
14200	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14201	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14206	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14207	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14211	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14212	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14214	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14215	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14216	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14221	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14222	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14223	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
14225	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14226	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14227	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14228	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14229	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14233	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14234	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14236	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14237	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14238	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
14240	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14243	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14245	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14247	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14248	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14250	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14253	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14254	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14255	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14257	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14260	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14261	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14262	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14263	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14265	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14266	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14267	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14268	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14271	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14275	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14276	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14277	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14280	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14281	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14283	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14288	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14289	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14291	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14293	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14294	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14295	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14296	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14298	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14301	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14302	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14303	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14304	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14307	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14310	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14312	68105	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
14317	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14318	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14319	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14322	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
14323	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14324	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14326	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
14329	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14330	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14336	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14339	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14341	68105	7	4E-04	2E+00	2E-01	--	--	--	--	1E-02	--	6E+00	--	--	--	--	1E-03	--	7E-01
14342	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14344	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14346	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14347	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14348	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14352	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14355	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14356	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14361	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14363	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14364	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14368	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14373	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14377	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14378	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14380	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14381	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14382	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14383	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14385	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14386	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14390	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14393	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14394	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14395	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14396	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14398	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14399	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14400	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14402	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14403	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14404	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14405	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14406	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14407	68105	7	2E-05	3E-01	3E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	6E-04	--	5E-02
14408	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14409	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14410	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	3E-01	--	--	--	1E-01	6E-04	--	4E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14411	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14413	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14415	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14420	68105	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
14422	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14423	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14424	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14426	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14427	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14428	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14429	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14431	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14434	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14435	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14437	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14439	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14441	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14443	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14446	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14447	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14448	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14450	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14451	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14452	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14453	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14456	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14459	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14460	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
14462	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14464	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14467	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14469	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14471	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14472	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14473	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14478	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14479	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14482	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14483	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14484	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14487	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14492	68105	7	3E-05	3E-01	3E-02	--	--	--	--	7E-03	--	5E-01	--	--	--	--	8E-04	--	5E-02
14498	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14499	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14500	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14502	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14506	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14507	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14508	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14509	68105	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
14510	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14511	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14513	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14515	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14520	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14522	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14523	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14524	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14525	68105	7	2E-04	1E+00	1E-01	--	--	--	--	1E-02	--	3E+00	--	--	--	--	1E-03	--	4E-01
14526	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14528	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02
14531	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14532	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14533	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14534	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14535	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14536	68105	8	7E-05	6E-01	6E-02	--	--	--	4E-01	3E-02	--	1E+00	--	--	--	4E-02	3E-03	--	1E-01
14538	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14539	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14542	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14543	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14544	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
14546	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14548	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14549	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14550	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14551	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14556	68105	8	3E-04	2E+00	3E-01	--	--	--	1E+00	7E-03	--	6E+00	--	--	--	1E-01	8E-04	--	7E-01
14557	68105	8	3E-05	3E-01	3E-02	--	--	--	3E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
14561	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14565	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14567	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14568	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14572	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14577	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	8E-03	--	8E-01	--	--	--	1E-01	8E-04	--	9E-02
14583	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14584	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14587	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14590	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14592	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14593	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14597	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14598	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14601	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14602	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	8E-01	--	--	--	1E-01	8E-04	--	9E-02
14603	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14604	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14605	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14606	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14609	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14611	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14612	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14614	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14618	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14620	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14624	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14625	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14626	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14627	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14628	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14631	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14632	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14633	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14634	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14636	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14640	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14641	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14644	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14646	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14647	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
14648	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14649	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14650	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14651	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14652	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14655	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14656	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
14657	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14659	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14661	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14662	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14666	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14667	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14679	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14680	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14681	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14688	68105	8	2E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	4E+00	--	--	--	1E-01	1E-03	--	5E-01
14689	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14693	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14695	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14696	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
14698	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14699	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14702	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14703	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14708	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14709	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14711	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14712	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14717	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14718	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
14719	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14721	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14723	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14725	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14727	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14730	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14731	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14733	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14734	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14735	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14737	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14739	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
14743	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14744	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14746	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14749	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14752	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
14753	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14755	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14756	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14757	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
14761	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14763	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14764	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14765	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14766	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14767	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14768	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14769	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14774	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14776	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14777	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14778	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14780	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	3E-01
14781	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14783	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14784	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14787	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14788	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14791	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14794	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14797	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14798	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14799	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14806	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14809	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14810	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14811	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14812	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14813	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14814	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14817	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
14819	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14820	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14823	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
14824	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14826	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14828	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14829	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14836	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14837	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14838	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14840	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14844	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14846	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14852	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14857	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14858	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14860	68105	8	1E-04	2E+00	2E-01	--	--	--	4E+00	2E-02	--	2E+00	--	--	--	5E-01	3E-03	--	2E-01

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14863	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14864	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14869	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14872	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14875	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14876	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14877	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14880	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14881	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14882	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14883	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14884	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14885	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	9E-02
14887	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14889	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14892	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14893	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14896	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14897	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14900	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14905	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14906	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14908	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14909	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14910	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14913	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
14915	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14916	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14917	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
14918	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14919	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14920	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14921	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14922	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14923	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14924	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14926	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14927	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14928	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14929	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14930	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14934	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14937	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14938	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14942	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14949	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14950	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14951	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14952	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14955	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14956	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14957	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14958	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14959	68105	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	8E-02
14962	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14964	68105	7	5E-05	4E-01	5E-02	--	--	--	--	2E-02	--	9E-01	--	--	--	--	2E-03	--	1E-01
14966	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14967	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14969	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14970	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
14971	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14974	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14975	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14976	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	8E-04	--	6E-02
14978	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14979	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14980	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14981	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14982	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14984	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14985	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14986	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14988	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14990	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14992	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
14993	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14994	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14995	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15000	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15003	68105	8	2E-04	1E+00	2E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
15006	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15008	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15009	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15012	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15013	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15014	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15015	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15016	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15017	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15020	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15022	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15024	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15025	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
15029	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15032	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15035	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15036	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15037	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15038	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15041	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15044	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
15045	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	3E-02	--	2E+00	--	--	--	1E-01	3E-03	--	2E-01
15047	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15052	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15056	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15057	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15058	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
15059	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15060	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
15064	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15065	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15068	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15071	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15074	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15076	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15077	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15078	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15079	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15080	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15082	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15083	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15084	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15088	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15089	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15090	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15091	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
15094	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15095	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15097	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15099	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15102	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15104	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15105	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15106	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
15110	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15119	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15121	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15122	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15123	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15126	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15128	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15132	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15133	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15136	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15139	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15141	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15144	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15145	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15149	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15153	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15154	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15159	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15160	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15161	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15162	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15163	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15166	68105	8	6E-04	4E+00	4E-01	--	--	--	1E+00	1E-02	--	1E+01	--	--	--	1E-01	1E-03	--	1E+00
15167	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15168	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15169	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15172	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15175	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15177	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15178	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15182	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15184	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15189	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15191	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15192	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15193	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15194	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15197	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15198	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15199	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15202	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15206	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15210	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15211	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15213	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15215	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15216	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15218	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15219	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15221	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
15227	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
15229	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15231	68105	8	6E-05	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
15234	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15236	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15238	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15240	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15244	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15246	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15249	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15250	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15255	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
15257	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15258	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15261	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15262	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15265	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15267	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15274	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15277	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15278	68105	7	2E-05	2E-01	2E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	1E-03	--	4E-02
15279	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	1E-03	--	5E-02
15280	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15284	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15287	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15288	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15291	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15292	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	7E-02
15293	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15295	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15298	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15299	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	9E-04	--	7E-02
15300	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15301	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15302	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15303	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15305	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15306	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15308	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
15311	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15315	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15316	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15317	68105	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	1E-03	--	1E-01
15318	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15319	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15320	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15321	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15323	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
15329	68105	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	6E-02
15332	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15333	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15334	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15335	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15336	68105	8	3E-05	3E-01	3E-02	--	--	--	3E-01	7E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
15340	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15341	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
15342	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15343	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15344	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15345	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15348	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
15349	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15350	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15352	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15354	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15357	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15360	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15363	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
15366	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15371	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15372	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
15373	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15377	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15378	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15379	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15380	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15382	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15385	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15386	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15388	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15389	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15390	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15392	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15393	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15394	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15397	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15398	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15400	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15402	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15407	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15410	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15416	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
15417	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15426	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15427	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15430	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15434	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15436	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15442	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15447	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15449	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15452	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15453	68105	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
15454	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15456	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15461	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15464	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15466	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15473	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15474	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15476	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15477	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15480	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15484	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15485	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15487	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15489	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15493	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15494	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15495	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15496	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
15497	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15499	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15500	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15503	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15507	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15508	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15509	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15510	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15511	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15513	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15514	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15515	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15516	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15518	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15519	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
15520	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15522	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15523	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15524	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15525	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15526	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	4E-02
15527	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15528	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15534	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15536	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15537	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15540	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15541	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15543	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15544	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15545	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15547	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15548	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15554	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15564	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15568	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15569	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15577	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
15578	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15581	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15587	68105	8	4E-05	7E-01	8E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	8E-02
15590	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15591	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15602	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15604	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15605	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15607	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15608	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15609	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15611	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
15612	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15613	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15620	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15621	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15622	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15623	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15627	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15629	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15633	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15636	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15638	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15640	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15644	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15645	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15651	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
15657	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15659	68105	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
15660	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15661	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15663	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15664	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15665	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15666	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15667	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15669	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15670	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15671	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15673	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15678	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15681	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15682	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15684	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15686	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
15691	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15693	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15694	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15695	68105	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
15697	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15698	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15701	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15705	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15709	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15712	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15715	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15717	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15718	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15723	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15728	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
15729	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15732	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15733	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15736	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15741	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15744	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15745	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15746	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15749	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15753	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15754	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15756	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
15758	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15765	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15767	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15771	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15774	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15780	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15781	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15782	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15783	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15786	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15792	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15797	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15798	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15801	68105	8	2E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
15802	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15804	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15805	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15808	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15810	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15811	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15815	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
15818	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15820	68105	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
15824	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15829	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15832	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15834	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15835	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
15836	68105	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
15838	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15840	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15842	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	7E-04	--	7E-02
15843	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15846	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15848	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15849	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15856	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15860	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15864	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15867	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15868	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15871	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
15872	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15879	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15882	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15884	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15886	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15891	68105	8	7E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
15894	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15896	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15897	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15898	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15900	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15901	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15904	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15905	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15908	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15911	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15914	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15916	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15918	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
15921	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15922	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15924	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15926	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15928	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15932	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15933	68105	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
15935	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15936	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15938	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15943	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
15945	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15949	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15950	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15951	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15952	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15953	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15957	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15958	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15959	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
15960	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15962	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15967	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15968	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15969	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15978	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15981	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15985	68105	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
15986	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15988	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	5E-02	1E-03	--	5E-02
15991	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15992	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15994	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16007	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16009	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16015	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
16017	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16019	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16020	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16022	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16026	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16027	68105	8	4E-04	3E+00	3E-01	--	--	--	1E+00	3E-02	--	8E+00	--	--	--	1E-01	3E-03	--	9E-01
16031	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16044	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16047	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16048	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16049	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16052	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16053	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16054	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16055	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16056	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16058	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16059	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16062	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16063	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16066	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16067	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16068	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
16069	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16070	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16072	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	5E-02
16076	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16078	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16082	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16083	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16084	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16085	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16087	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16090	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16092	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16093	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16094	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	8E-02	--	4E-01	--	--	--	1E-01	8E-03	--	5E-02
16095	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16098	68105	8	3E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	2E-01	3E-03	--	6E-02
16099	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16102	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16103	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16109	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16110	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16111	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16113	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
16114	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16115	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16116	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16118	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16119	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16121	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16122	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16123	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
16124	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16127	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16136	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16142	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16144	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16146	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16149	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16151	68105	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
16152	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16154	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16155	68105	8	6E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
16158	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16159	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16161	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16166	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16168	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16169	68105	8	6E-04	4E+00	4E-01	--	--	--	1E+00	1E-02	--	1E+01	--	--	--	1E-01	2E-03	--	1E+00
16171	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16172	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16173	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16178	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16179	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16181	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16182	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
16183	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16185	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16186	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
16188	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16189	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16193	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16196	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16206	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16210	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16211	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16216	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16221	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16223	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16228	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16229	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16230	68105	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
16231	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16232	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16233	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16234	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16235	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16236	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
16241	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16243	68105	8	2E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	4E+00	--	--	--	1E-01	2E-03	--	5E-01
16248	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16249	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16250	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16255	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16263	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16264	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16269	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16271	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
16272	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16275	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16276	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16278	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16281	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16283	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16286	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16290	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16292	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16293	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16295	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16298	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16301	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16302	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16303	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16306	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16308	68105	8	6E-04	4E+00	4E-01	--	--	--	1E+00	1E-02	--	1E+01	--	--	--	1E-01	1E-03	--	1E+00
16309	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
16312	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16314	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16315	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16317	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16318	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16321	68105	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	2E-03	--	7E-02
16324	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16325	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16327	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16329	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16332	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16333	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
16336	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16337	68105	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
16342	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16343	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16345	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16346	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16350	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
16351	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16352	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16356	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16357	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16358	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16359	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16364	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
16365	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
16371	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16372	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16375	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16378	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16380	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16382	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16384	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
16385	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16387	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16389	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16390	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16391	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16392	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16393	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16394	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16395	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
16397	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16398	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16400	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16406	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16408	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16411	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16412	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16413	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16415	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16420	68105	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	6E-02
16421	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16422	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16424	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16426	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16427	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
16428	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16429	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16430	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16436	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16437	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16439	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16445	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16447	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16449	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16450	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16451	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16453	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16454	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16456	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16458	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16459	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16461	68105	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
16462	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16464	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16465	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16466	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16467	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16469	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16471	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16472	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
16473	68105	8	3E-05	5E-01	6E-02	--	--	--	9E-01	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
16475	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16478	68105	7	4E-05	4E-01	4E-02	--	--	--	--	2E-02	--	8E-01	--	--	--	--	2E-03	--	9E-02
16480	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16484	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16485	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16486	68105	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
16488	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16490	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16493	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16494	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16495	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16496	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16499	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
16500	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16501	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16505	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16506	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16507	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16511	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16513	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16519	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16523	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
16528	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16533	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16535	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16537	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16541	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16543	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16545	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
16550	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
16553	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16555	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16557	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16559	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16562	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16564	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16565	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16566	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16568	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16569	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16571	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16572	68105	8	2E-05	2E-01	3E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	6E-04	--	3E-02
16573	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16575	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16589	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
16591	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16597	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16598	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16605	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16607	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16609	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16611	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16614	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16615	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16618	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
16619	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16621	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16622	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16628	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16631	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
16634	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16639	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16641	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16646	68105	8	9E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
16647	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16650	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16651	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16654	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16657	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16658	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16660	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16668	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
16669	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16671	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16675	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16678	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16679	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16680	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16681	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16684	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16688	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16691	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16692	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16694	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16696	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16697	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16698	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16700	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16703	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16704	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16706	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16707	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16708	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16710	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16715	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16721	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16722	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16723	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16725	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16727	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16728	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16729	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16731	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16736	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16737	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16738	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16739	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16740	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16742	68105	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
16743	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16744	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16747	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16748	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16749	68105	8	8E-05	9E-01	9E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	2E-01
16755	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16760	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16761	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16762	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16763	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16765	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16772	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
16773	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16775	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16777	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
16779	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16781	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16791	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16792	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16793	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
16794	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16802	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16803	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16806	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16807	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16808	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16810	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16812	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16815	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16816	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16817	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16818	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16820	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16827	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16830	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16831	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16840	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16842	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16843	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16844	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16851	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
16858	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16859	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16861	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16865	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16866	68105	8	1E-04	2E+00	2E-01	--	--	--	2E+00	1E-02	--	2E+00	--	--	--	3E-01	1E-03	--	2E-01
16867	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16869	68105	8	4E-04	3E+00	3E-01	--	--	--	1E+00	1E-02	--	6E+00	--	--	--	1E-01	1E-03	--	7E-01
16876	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16877	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16880	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16881	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16882	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16884	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16888	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16889	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
16891	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16893	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
16895	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16896	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16900	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16903	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16904	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16911	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16913	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16916	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16917	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16919	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16920	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16921	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16922	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
16923	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16924	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16926	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16928	68105	8	6E-05	8E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
16929	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16930	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16931	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16932	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16933	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16936	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16938	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16939	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16942	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16943	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16945	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16946	68105	8	3E-04	2E+00	2E-01	--	--	--	1E+00	4E-02	--	5E+00	--	--	--	1E-01	4E-03	--	5E-01
16949	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16950	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16954	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16957	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16958	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16959	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16961	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16962	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16963	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
16965	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16967	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16970	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16974	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
16975	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16976	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16978	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16980	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16983	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16985	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16986	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16990	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16992	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16994	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16995	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16996	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16998	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17001	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17006	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17011	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17012	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
17015	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17020	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17021	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17025	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17030	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17032	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17040	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
17041	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17042	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17043	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17051	68105	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
17052	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17053	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17055	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
17064	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17065	68105	8	3E-04	2E+00	2E-01	--	--	--	4E-01	2E-02	--	5E+00	--	--	--	4E-02	3E-03	--	5E-01
17067	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17071	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17072	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17074	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17076	68105	8	9E-05	9E-01	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
17077	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17081	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17082	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17085	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17086	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17088	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17089	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17095	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17097	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
17099	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17102	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17105	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17107	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17108	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
17113	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17116	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17117	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17119	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17122	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17123	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17124	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17129	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17130	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17132	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17133	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17134	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17135	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17138	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17140	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17142	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
17143	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17145	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17149	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17150	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17151	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17153	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17154	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17155	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17158	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17161	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17162	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17163	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17165	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
17166	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17169	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17172	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17175	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17179	68105	8	3E-05	4E-01	4E-02	--	--	--	5E-01	2E-02	--	6E-01	--	--	--	5E-02	2E-03	--	6E-02
17181	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17182	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17184	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17185	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17187	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17190	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17192	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17193	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17195	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17198	68105	8	5E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	1E-03	--	1E-01
17199	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
17202	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17203	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17207	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17208	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17209	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17211	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17213	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17214	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17215	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17216	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17219	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17220	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17222	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17223	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17227	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17231	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17236	68105	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
17237	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17240	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
17243	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17244	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17254	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17255	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17256	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17257	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17258	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17267	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17270	68105	8	7E-05	8E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
17271	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17275	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17276	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17278	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17279	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17281	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17283	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17285	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17286	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17287	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17288	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17290	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17292	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17293	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17294	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17295	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17298	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
17300	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	8E-03	--	9E-01	--	--	--	1E-01	9E-04	--	1E-01
17302	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17303	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17305	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17310	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17313	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17315	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17317	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17318	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17319	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17325	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17327	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17328	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17331	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17334	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17336	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17340	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17342	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17344	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17345	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17346	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17348	68105	8	6E-06	5E-01	6E-02	--	--	--	1E+00	8E-02	--	1E-01	--	--	--	1E-01	8E-03	--	1E-02
17352	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17355	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17357	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17359	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17363	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17364	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17367	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17368	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17370	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17374	68105	8	3E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
17375	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17376	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17379	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
17382	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17384	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17386	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17387	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17390	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17391	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17392	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17394	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17396	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17398	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17406	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17409	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17413	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17421	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17429	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17433	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17434	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17436	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17445	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17448	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17453	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17456	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17457	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17458	68105	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
17466	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17471	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17472	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17473	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17476	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17477	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17480	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17482	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17485	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17486	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17489	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17497	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17499	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17501	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17504	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17506	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17516	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17518	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17520	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17521	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17522	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17523	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17526	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17530	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17532	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17535	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17537	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17542	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
17543	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17544	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17546	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17552	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17557	68105	7	5E-05	4E-01	4E-02	--	--	--	--	1E-02	--	9E-01	--	--	--	--	1E-03	--	1E-01
17559	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17560	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17562	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17566	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17571	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17572	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17573	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17574	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17578	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17583	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17584	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17588	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17590	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17591	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17594	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17598	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17604	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17605	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17608	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17609	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17610	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17612	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17613	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17615	68105	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
17616	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17618	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17619	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17624	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17625	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
17627	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17629	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17632	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17634	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17636	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17638	68105	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
17640	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17644	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17649	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17651	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17653	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17667	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17668	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17669	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17673	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17675	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17678	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17680	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17681	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17684	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17685	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17686	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17687	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17688	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17690	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17692	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17694	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17695	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17697	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17702	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17704	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17706	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17709	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17712	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17713	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17717	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17719	68105	8	3E-05	4E-01	4E-02	--	--	--	5E-01	2E-02	--	5E-01	--	--	--	5E-02	2E-03	--	6E-02
17720	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17722	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17723	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17724	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17725	68105	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
17727	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17728	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17731	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17733	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17735	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17736	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17737	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17738	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17739	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17741	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17745	68105	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
17746	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17748	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17749	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17752	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17753	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
17756	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17757	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17762	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17763	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17765	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17767	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17768	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17769	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17770	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17777	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17780	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17781	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17783	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17786	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17794	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17795	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17796	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17798	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17802	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	9E-01	--	--	--	1E-01	7E-04	--	1E-01
17803	68105	7	2E-05	2E-01	2E-02	--	--	--	--	9E-03	--	3E-01	--	--	--	--	1E-03	--	4E-02
17806	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17812	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17814	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17820	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17821	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17822	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17824	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17825	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17826	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17827	68105	7	3E-05	3E-01	3E-02	--	--	--	--	6E-03	--	6E-01	--	--	--	--	7E-04	--	7E-02
17831	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17839	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17841	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17842	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17844	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17847	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17850	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17853	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17854	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17855	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17860	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17866	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17869	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17871	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17873	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17875	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17876	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	6E-03	--	9E-01	--	--	--	1E-01	6E-04	--	1E-01
17877	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17880	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17883	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17885	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17887	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17888	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17890	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17892	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17894	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17897	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17898	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17899	68105	7	4E-05	4E-01	4E-02	--	--	--	--	1E-02	--	8E-01	--	--	--	--	1E-03	--	8E-02
17900	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17901	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17903	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17905	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17906	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17907	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17917	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17918	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
17921	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17923	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17926	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17927	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17928	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17930	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17932	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17933	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17934	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
17935	68105	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
17937	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17938	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17942	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17943	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17944	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17948	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17950	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17951	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17954	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17955	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17957	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17959	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17960	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17961	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17962	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17964	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17966	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17970	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17973	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17974	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17976	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17977	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17978	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17979	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17982	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17983	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17984	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17986	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17988	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
17991	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17994	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17995	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17998	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17999	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18000	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18001	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18002	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18003	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18005	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18007	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18012	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18014	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18017	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18020	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18021	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18023	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18029	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18030	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18031	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18033	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18034	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18035	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18036	68105	7	2E-04	1E+00	1E-01	--	--	--	--	6E-03	--	3E+00	--	--	--	--	7E-04	--	4E-01
18039	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18044	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18049	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18051	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18052	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
18055	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18056	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18058	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18059	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18060	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18062	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18064	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18068	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18078	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18083	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18085	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18086	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18088	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18092	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18099	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18101	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18104	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18105	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18110	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18114	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18118	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18120	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18121	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18122	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18128	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18133	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	7E-01	--	--	--	1E-01	6E-04	--	8E-02
18134	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18138	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18145	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18147	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
18151	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18153	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18155	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18157	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18158	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18161	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18162	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18164	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18167	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18169	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18171	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18173	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18174	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18177	68105	7	8E-04	5E+00	5E-01	--	--	--	--	9E-03	--	1E+01	--	--	--	--	9E-04	--	2E+00
18182	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18183	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18186	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18187	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
18189	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
18192	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18197	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18200	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18207	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18224	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18227	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18229	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18247	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18262	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18267	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18269	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18270	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18273	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18279	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18281	68105	8	3E-05	5E-01	5E-02	--	--	--	9E-01	2E-02	--	5E-01	--	--	--	9E-02	2E-03	--	6E-02
18284	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18285	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18287	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18290	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18291	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18293	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18295	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18298	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18302	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18303	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18304	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18306	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18311	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18312	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18320	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18321	68105	8	8E-05	6E-01	7E-02	--	--	--	4E-01	9E-03	--	1E+00	--	--	--	4E-02	9E-04	--	2E-01
18323	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18332	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18333	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18334	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18336	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18337	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18338	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18342	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18346	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18349	68105	8	6E-05	8E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
18351	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18354	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18355	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18356	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18358	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18359	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18368	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18369	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18370	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18376	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18378	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18383	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18387	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
18389	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18393	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18395	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18396	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18398	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18401	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18406	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18408	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18411	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18412	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18413	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18419	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18421	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18425	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18427	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18429	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18434	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18442	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18444	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18445	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18452	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
18453	68105	8	6E-06	5E-01	6E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
18459	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18462	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18464	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18465	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18466	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18469	68105	8	5E-05	6E-01	7E-02	--	--	--	9E-01	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
18470	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18472	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18481	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18482	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18485	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18490	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18493	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18495	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18499	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	8E-04	--	6E-02
18500	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18505	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18508	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18511	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18514	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18516	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18517	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18529	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18531	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18538	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18544	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18550	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18558	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18559	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
18561	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	8E-02
18564	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18573	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
18580	68105	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
18581	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18583	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18586	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18590	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18591	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18592	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18593	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18596	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18598	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
18600	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18602	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18604	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18606	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18607	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18610	68105	8	1E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
18612	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18613	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18615	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18616	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18618	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18620	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18621	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18623	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18624	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18628	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18640	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18641	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18643	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18645	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18646	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18654	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	4E-03	--	1E-02
18655	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18657	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18659	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18661	68105	8	3E-05	3E-01	3E-02	--	--	--	3E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
18663	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18667	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18669	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18671	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18673	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
18676	68105	8	9E-05	9E-01	9E-02	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
18684	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18685	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18686	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18688	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18689	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18690	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18693	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
18714	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18728	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18730	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18735	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18736	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18737	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18740	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18741	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18743	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18745	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18747	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18750	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18755	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18757	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
18765	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18770	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
18773	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18777	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18778	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18782	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18785	68105	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
18787	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
18789	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18797	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
18801	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18804	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18806	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18810	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18812	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18813	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18817	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18820	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18823	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18824	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18825	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
18827	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18828	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18831	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
18835	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18839	68105	8	2E-05	2E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	4E-02
18850	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18853	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18856	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18857	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18861	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18863	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18866	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18868	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18869	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18871	68105	7	5E-05	4E-01	4E-02	--	--	--	--	2E-02	--	9E-01	--	--	--	--	2E-03	--	1E-01
18874	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18877	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18881	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18882	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
18883	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
18884	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18888	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
18891	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18894	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18897	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18898	68105	8	3E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	5E+00	--	--	--	4E-02	1E-03	--	6E-01
18900	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18901	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18904	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18906	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18908	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18909	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18910	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18912	68105	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
18913	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18915	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18916	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18917	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18918	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18919	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18920	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18921	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18925	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18927	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
18928	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18929	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18930	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18931	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18934	68105	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-01	--	5E-01	--	--	--	4E-02	2E-02	--	5E-02
18935	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18948	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18949	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18954	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18963	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18964	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18966	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18969	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18980	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18983	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18993	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18996	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
18997	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18999	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19000	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19004	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19009	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19014	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19015	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
19016	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19024	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19025	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19028	68105	7	2E-05	2E-01	2E-02	--	--	--	--	1E-02	--	3E-01	--	--	--	--	1E-03	--	3E-02
19031	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19034	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19035	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19037	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19039	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19042	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19046	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19047	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19049	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19052	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19053	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19055	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19057	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19060	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19062	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19068	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19075	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19080	68105	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
19081	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19083	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19101	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19102	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19106	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19107	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19108	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19109	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19110	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19112	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19113	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19114	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19118	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
19124	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19127	68105	8	7E-05	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
19128	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19129	68105	8	3E-04	2E+00	3E-01	--	--	--	1E+00	7E-03	--	6E+00	--	--	--	1E-01	8E-04	--	7E-01
19131	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19134	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19137	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19142	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19143	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19145	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19146	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19147	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19148	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19149	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19152	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19160	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19163	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19165	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19168	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19169	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
19172	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19174	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19176	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19177	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19178	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19180	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19181	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19184	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19186	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19189	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19202	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19204	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19217	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19219	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19220	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19222	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19225	68105	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
19226	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19227	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19228	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19229	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19233	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19234	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19237	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19240	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19248	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19259	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19261	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19266	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19267	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19271	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19275	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19284	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19288	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
19291	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19295	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19296	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19297	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19298	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19300	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19305	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19307	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19309	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19310	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	9E-01	--	--	--	1E-01	4E-03	--	9E-02
19311	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19316	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19317	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19320	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19321	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19322	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19323	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19325	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19326	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19327	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19328	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19332	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19333	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19334	68105	8	1E-04	9E-01	9E-02	--	--	--	3E-01	2E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
19336	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19337	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19338	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19339	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19340	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19342	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19344	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
19345	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19346	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19352	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
19353	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19356	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19359	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19364	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19365	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19366	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19368	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19370	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19372	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19377	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19378	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19380	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19384	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19393	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19403	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19405	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19413	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19418	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19420	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19421	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19422	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19423	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19424	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19425	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19427	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19428	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19431	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19433	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19434	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19435	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19436	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19438	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19439	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19441	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19442	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19445	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19446	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19447	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19448	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
19451	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19452	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19453	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19454	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19457	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19458	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19461	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19463	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19469	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19471	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19476	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19481	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19482	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19483	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19484	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19485	68105	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
19486	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19488	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19489	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
19491	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19492	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19495	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19496	68105	7	5E-05	4E-01	5E-02	--	--	--	--	7E-03	--	9E-01	--	--	--	--	8E-04	--	1E-01
19497	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19499	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19500	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19501	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19502	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19504	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19505	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19507	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19508	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19510	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19511	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19517	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19518	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19524	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19527	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19528	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19529	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19530	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19532	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19534	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19538	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19540	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19551	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19552	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19555	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19556	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19559	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19561	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
19567	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19569	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19572	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19577	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19578	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19580	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19583	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19585	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19587	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19588	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19589	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19591	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19592	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19593	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19594	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19599	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19601	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19602	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
19604	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19605	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19607	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19608	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19609	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19611	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19612	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19613	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19614	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19615	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19616	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19619	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19620	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19625	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19626	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19629	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19635	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19636	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19641	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19648	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19655	68105	8	3E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
19657	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19658	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19659	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19664	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19666	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19669	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19670	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19671	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
19676	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
19677	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19678	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19682	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19686	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19688	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19690	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19691	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19692	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19693	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19696	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19697	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19700	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19702	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19705	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19708	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19710	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19711	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19716	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19717	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19718	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19720	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
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TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19721	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19722	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19725	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19726	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19728	68105	8	8E-05	6E-01	7E-02	--	--	--	4E-01	7E-03	--	1E+00	--	--	--	4E-02	8E-04	--	2E-01
19729	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	9E-03	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
19730	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19733	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19735	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19737	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19738	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19739	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19740	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19741	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19742	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19743	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19745	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19746	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19747	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19749	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19751	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19753	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19755	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19759	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19762	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19764	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19768	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
19773	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19775	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19776	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19779	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19784	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19786	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19787	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	4E-02	--	7E-01	--	--	--	4E-02	4E-03	--	7E-02
19790	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19791	68105	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
19795	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19796	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19797	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19800	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19801	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19802	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19804	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19806	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19807	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19812	68105	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
19814	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19818	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19819	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19821	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19822	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19823	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19827	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19831	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
19832	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19833	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19837	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19839	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	4E-02	--	1E-01	--	--	--	1E-01	4E-03	--	1E-02
19841	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19842	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19844	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19846	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19848	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19849	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19854	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19855	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19857	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19858	68105	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
19859	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19860	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19861	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19863	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19864	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
19866	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19869	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19871	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19873	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19878	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19881	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19887	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19888	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19889	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19890	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19893	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19895	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19899	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19900	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19901	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19913	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19914	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19915	68105	8	1E-04	9E-01	9E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
19918	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19919	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19923	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
19929	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19932	68105	8	9E-05	7E-01	7E-02	--	--	--	4E-01	3E-02	--	2E+00	--	--	--	4E-02	3E-03	--	2E-01
19934	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19935	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19938	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
19945	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19947	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19954	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19955	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19957	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19960	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19961	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19965	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19966	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19967	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19968	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
19972	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
19974	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
19975	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19976	68105	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
19978	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19981	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19983	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19984	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19986	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19987	68105	8	2E-04	1E+00	2E-01	--	--	--	1E+00	7E-03	--	3E+00	--	--	--	1E-01	7E-04	--	3E-01
19989	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19992	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19993	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19995	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19997	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19999	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20000	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20002	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20005	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20007	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20009	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20012	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20015	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20016	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20017	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20018	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20019	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20020	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20022	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20023	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20027	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20030	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20031	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20032	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20033	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20034	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20035	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20038	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20041	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20049	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20050	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20052	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20054	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20062	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20065	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20066	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20067	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20069	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	7E-01	--	--	--	1E-01	9E-04	--	8E-02
20070	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20071	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20072	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20073	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20075	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20076	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20077	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20080	68105	8	5E-04	3E+00	4E-01	--	--	--	1E+00	1E-02	--	9E+00	--	--	--	1E-01	1E-03	--	1E+00
20085	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20088	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20089	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20092	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20094	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20095	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
20097	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20098	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20099	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20101	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20102	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20105	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
20108	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20110	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
20112	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20113	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20116	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
20119	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20120	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
20121	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20125	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20126	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20128	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	3E-02
20131	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20134	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20135	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20138	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20140	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20141	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20143	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20147	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20150	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20152	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20153	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20155	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20156	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20159	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20166	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20170	68105	8	6E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
20173	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20175	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20177	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20178	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20179	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20184	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20185	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20190	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20197	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20199	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20207	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20209	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20213	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20215	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20218	68105	8	6E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20223	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20224	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20226	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20227	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20228	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20232	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20233	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20236	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
20238	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20245	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20246	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20247	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20248	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20249	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20250	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20251	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20257	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20259	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20263	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20265	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20268	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20270	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20271	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20273	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20278	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20288	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20290	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20291	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20293	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20295	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20296	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20299	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20300	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20301	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20305	68105	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
20306	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20307	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20310	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20312	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20313	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
20315	68105	8	7E-05	8E-01	9E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
20321	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20322	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20323	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20325	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20326	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20328	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20329	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20330	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20331	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20334	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20338	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20339	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20340	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20342	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
20343	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20351	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20362	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20364	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20379	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20384	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20385	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20391	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20392	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20394	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20397	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20398	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20403	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20409	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20411	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20414	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20415	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20420	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
20422	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20423	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20426	68105	8	3E-04	2E+00	2E-01	--	--	--	3E-01	2E-02	--	5E+00	--	--	--	4E-02	2E-03	--	5E-01
20428	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20434	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20440	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20441	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
20442	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20447	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20448	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20452	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
20453	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20454	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
20455	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20458	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20460	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20461	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20462	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20470	68105	8	1E-04	8E-01	8E-02	--	--	--	4E-01	7E-03	--	2E+00	--	--	--	4E-02	8E-04	--	2E-01
20471	68105	7	4E-05	3E-01	4E-02	--	--	--	--	9E-03	--	7E-01	--	--	--	--	9E-04	--	8E-02
20472	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20473	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20474	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20477	68105	8	2E-04	2E+00	2E-01	--	--	--	4E-01	8E-02	--	4E+00	--	--	--	4E-02	9E-03	--	5E-01
20479	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20480	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20481	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20483	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20488	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20494	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20495	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20503	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20506	68105	8	1E-04	2E+00	2E-01	--	--	--	3E+00	9E-03	--	3E+00	--	--	--	4E-01	1E-03	--	3E-01
20507	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20508	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20509	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20510	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
20512	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20513	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20519	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20520	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20526	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20527	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20531	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20533	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20535	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
20537	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20539	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20540	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20544	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20545	68105	8	3E-05	7E-01	7E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	4E-03	--	6E-02
20547	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20549	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20550	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20553	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20557	68105	8	8E-05	6E-01	6E-02	--	--	--	3E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	2E-01
20559	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20560	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20562	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20563	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20565	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20566	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20568	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20572	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20578	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20584	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
20587	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20590	68105	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
20591	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20593	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20594	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20595	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20598	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20602	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20603	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	6E-02
20605	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20607	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20609	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20610	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
20611	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20612	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
20614	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20616	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20618	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20619	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20622	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20625	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20628	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20630	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20634	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20636	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20637	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20641	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20646	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20647	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20648	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20649	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20650	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20651	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20652	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20653	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20656	68105	8	1E-04	9E-01	1E-01	--	--	--	1E+00	8E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
20657	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20659	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20662	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20663	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20665	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
20666	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20668	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20672	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20673	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20674	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	4E-02	--	2E+00	--	--	--	1E-01	4E-03	--	2E-01
20678	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20680	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20681	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20683	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20684	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20685	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
20686	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20687	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20691	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20696	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20701	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20702	68105	8	8E-05	8E-01	9E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	8E-04	--	2E-01
20706	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20707	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20708	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20709	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20710	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20711	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20713	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20716	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20717	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20718	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20720	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20721	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20723	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20725	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20730	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20735	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20739	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20743	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20748	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20751	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20753	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20754	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20756	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20757	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20759	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
20760	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20763	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20764	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20765	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20768	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20769	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20770	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20772	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20774	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20776	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20777	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
20787	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20790	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20796	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20797	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20798	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20800	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20801	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20805	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20807	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20809	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20810	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20814	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20815	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20817	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20823	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	9E-04	--	7E-02
20824	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20826	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20829	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20833	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20836	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20838	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20843	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20845	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
20848	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20850	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20851	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20852	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20853	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20854	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20855	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20856	68105	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20858	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20859	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20860	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20863	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20867	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20868	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20869	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20871	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20872	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20877	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20879	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20882	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20883	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
20884	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20886	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20888	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20889	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20892	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20893	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20894	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20895	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20896	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20897	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20899	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20900	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20901	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20902	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20906	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20907	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20908	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
20909	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20911	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20914	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20916	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20917	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20921	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20923	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20925	68105	8	3E-05	7E-01	8E-02	--	--	--	2E+00	3E-02	--	5E-01	--	--	--	2E-01	3E-03	--	6E-02
20927	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
20928	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20930	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20933	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20935	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20936	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20937	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20942	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20943	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20944	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20945	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
20946	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20947	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20948	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20949	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20955	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20956	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20958	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20961	68105	8	2E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	3E+00	--	--	--	4E-02	1E-03	--	3E-01
20962	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20963	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20964	68105	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
20966	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20967	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20969	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20977	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20980	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20983	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
20985	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20987	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20990	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20994	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20997	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20999	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21000	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21005	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
21007	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21008	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21009	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21012	68105	8	5E-05	7E-01	8E-02	--	--	--	1E+00	9E-03	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
21015	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21018	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21019	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
21022	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21025	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21028	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21031	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21034	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21036	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21037	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21038	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21041	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21042	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21043	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21047	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21048	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21049	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21051	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21052	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21053	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
21054	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21055	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21056	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21057	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21058	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21060	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21061	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21064	68105	8	6E-05	7E-01	8E-02	--	--	--	1E+00	4E-02	--	1E+00	--	--	--	1E-01	4E-03	--	1E-01
21068	68105	8	3E-04	2E+00	2E-01	--	--	--	4E-01	2E-02	--	6E+00	--	--	--	4E-02	2E-03	--	7E-01
21071	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21073	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21076	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21077	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21079	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
21080	68105	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
21082	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21083	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21086	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21087	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21088	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21089	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21092	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21093	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21095	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21096	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21097	68105	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	2E-03	--	6E-02
21098	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21099	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
21101	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21102	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21105	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21106	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21107	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21108	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21109	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21110	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
21111	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21112	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21115	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21116	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21117	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21120	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21124	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21129	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21130	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21132	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21133	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21136	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
21138	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21140	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21141	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21143	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
21144	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21147	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21148	68105	8	6E-06	6E-01	6E-02	--	--	--	2E+00	9E-03	--	1E-01	--	--	--	2E-01	1E-03	--	1E-02
21149	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21150	68105	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
21151	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21152	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21153	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21167	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21169	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21170	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21171	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21173	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21178	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21185	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21186	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21191	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21192	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21193	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21195	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21201	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21202	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21203	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21206	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21209	68105	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
21212	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21213	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21214	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21215	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21216	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21218	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21219	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21220	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21221	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21223	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21225	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21226	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
21230	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21231	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21239	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21247	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21251	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21257	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21258	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21260	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21261	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21264	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21265	68105	8	2E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	4E+00	--	--	--	1E-01	2E-03	--	4E-01
21266	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21267	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21268	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
21269	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21272	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21273	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21274	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
21276	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21277	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21279	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21280	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21281	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21283	68105	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	6E-02
21285	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21286	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21287	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21288	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21289	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21293	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21294	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21296	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21297	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21298	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21300	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21301	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21302	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21303	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21304	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21305	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21307	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21309	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	6E-04	--	4E-02
21310	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21311	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21312	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21313	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21316	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21317	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21318	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21319	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21321	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21322	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21324	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21325	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21326	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21328	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21329	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21330	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21332	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21333	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21335	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21336	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
21339	68105	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
21340	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21342	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21345	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21348	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21349	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21352	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21354	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21355	68105	7	4E-05	3E-01	4E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	7E-02
21356	68105	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
21358	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21361	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21362	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21364	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21365	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21368	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21369	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21371	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21374	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21375	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21376	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21377	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21378	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21380	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21382	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21385	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21386	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21388	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21390	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
21394	68105	8	6E-05	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E+00	--	--	--	5E-02	7E-04	--	1E-01
21403	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21405	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21410	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21411	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21415	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21418	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21419	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21420	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21424	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21425	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21430	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21431	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21436	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
21438	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21446	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21448	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21449	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21450	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21451	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21453	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21454	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
21459	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21460	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21466	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21471	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21472	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21474	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21475	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21476	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21477	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21478	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21480	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21481	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21483	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21484	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21485	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21486	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21489	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21490	68105	8	1E-05	2E-01	2E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
21491	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21492	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21493	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21494	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21495	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21496	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21497	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21498	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
21499	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21501	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21503	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21505	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21507	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21509	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21513	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	4E-02	--	1E-01	--	--	--	1E-01	4E-03	--	1E-02
21516	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21517	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21519	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21524	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21525	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21527	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21528	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21529	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21530	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21531	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21533	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21535	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
21536	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21538	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21539	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21540	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21542	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21543	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21544	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21545	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21546	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21548	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21549	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21550	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21551	68105	8	9E-05	9E-01	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
21558	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21559	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21560	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
21561	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21562	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21563	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21565	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
21566	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21567	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
21570	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21571	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21574	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21577	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21578	68105	8	3E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	5E+00	--	--	--	1E-01	2E-03	--	5E-01
21580	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21581	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21583	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21584	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21585	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21586	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21589	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21591	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21594	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21596	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21597	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21600	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21601	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21602	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21604	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21605	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21606	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21608	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21609	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
21610	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21612	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21613	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21614	68105	8	4E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
21615	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21616	68105	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
21617	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21619	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21621	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21623	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21625	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
21630	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21632	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21633	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21634	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21636	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21638	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21639	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21640	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21641	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21643	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21645	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21646	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21649	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21653	68105	8	3E-05	3E-01	3E-02	--	--	--	3E-01	6E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
21654	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21655	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21657	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21658	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21660	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21662	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21663	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21665	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21667	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21669	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21672	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21673	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21674	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21675	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21676	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21677	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
21678	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21687	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21688	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21689	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	3E-02
21690	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21691	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21692	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21693	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21698	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21699	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21700	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21701	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21704	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21705	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
21706	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21707	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21708	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21709	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21710	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21711	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21713	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21714	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
21715	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21718	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21719	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21720	68105	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
21722	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21723	68105	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
21724	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
21725	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21727	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21728	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21730	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
21734	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21735	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21736	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21739	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21740	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21742	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21744	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	7E-04	--	7E-02
21745	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21747	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21749	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21750	68105	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
21751	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21752	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21753	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21754	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21755	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21758	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21759	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21760	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21761	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21764	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21766	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21768	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21770	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21772	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21773	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21776	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21777	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21778	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21779	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21782	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21783	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21786	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21788	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21789	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21790	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21793	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21794	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21795	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21799	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21800	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21801	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21804	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21807	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21811	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
21812	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21814	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21815	68105	8	6E-06	5E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
21816	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21817	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21818	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21820	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21822	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
21823	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21824	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21825	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21827	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21828	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21831	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21832	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21836	68105	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	2E-03	--	3E-01
21838	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21840	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21841	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21844	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21847	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21849	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21850	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21853	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21854	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21855	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21857	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21858	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21859	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21860	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21864	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21865	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21866	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21867	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21868	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21869	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21873	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21874	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21875	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21877	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21878	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21880	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21881	68105	7	4E-06	1E-01	1E-02	--	--	--	--	1E-02	--	8E-02	--	--	--	--	2E-03	--	9E-03
21882	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21883	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21884	68105	8	1E-05	4E-01	5E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
21885	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21887	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21888	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21889	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21893	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21895	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21896	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21900	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21901	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
21903	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21904	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21908	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21911	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21912	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21913	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21915	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21916	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	5E-02	1E-03	--	4E-02
21921	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21923	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21925	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
21926	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21927	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21928	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21929	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21930	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21931	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
21933	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21934	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21936	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21937	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21938	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21941	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	7E-04	--	8E-02
21944	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21946	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21948	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21951	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21952	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21954	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21956	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
21961	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21962	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21965	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21966	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21967	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21969	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21971	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21979	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21980	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21981	68105	8	2E-04	2E+00	2E-01	--	--	--	1E+00	3E-02	--	4E+00	--	--	--	1E-01	3E-03	--	4E-01
21983	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21985	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
21986	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21989	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	4E-02	--	5E-01	--	--	--	4E-02	4E-03	--	6E-02
21990	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21991	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21993	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21995	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21996	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21997	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21998	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21999	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22001	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22004	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22005	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22006	68105	7	4E-05	3E-01	4E-02	--	--	--	--	2E-02	--	7E-01	--	--	--	--	2E-03	--	8E-02
22007	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22008	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22009	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22010	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22013	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
22014	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22015	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22017	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22018	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22019	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22021	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
22022	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22024	68105	8	6E-05	5E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
22025	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
22026	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22027	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
22028	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22030	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22031	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22034	68105	8	2E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	4E+00	--	--	--	1E-01	2E-03	--	4E-01
22036	68105	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
22037	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22039	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
22040	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22041	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22042	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22043	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22044	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
22046	68105	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
22049	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22052	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22053	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22054	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22055	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22056	68105	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
22057	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22058	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22060	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22061	68105	8	8E-05	9E-01	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22065	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22069	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22070	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22072	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22073	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22074	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
22076	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22077	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22079	68105	8	8E-05	9E-01	9E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	2E-01
22080	68105	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
22081	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22084	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22085	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
22089	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22091	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22092	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22093	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22097	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22098	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22101	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22102	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22105	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22106	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22109	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22114	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22117	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22119	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22120	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22121	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22124	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22128	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22129	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22131	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22133	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22135	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22138	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22139	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22141	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22142	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22143	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22145	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22147	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22148	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22149	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22152	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22153	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22154	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22161	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22162	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22163	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
22164	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22165	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22167	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22170	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22171	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22172	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22173	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22174	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22175	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22177	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
22179	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22180	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22181	68105	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	6E-02
22182	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22183	68105	7	2E-05	2E-01	3E-02	--	--	--	--	2E-02	--	4E-01	--	--	--	--	2E-03	--	5E-02
22184	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22185	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22186	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22189	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22191	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22192	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22193	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22199	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22204	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22208	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22209	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22210	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22211	68105	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
22212	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22215	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22216	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22217	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22223	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22226	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22227	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22229	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22230	68105	8	1E-04	1E+00	2E-01	--	--	--	3E+00	1E-02	--	2E+00	--	--	--	3E-01	2E-03	--	2E-01
22231	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22232	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22233	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22234	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22237	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22238	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22240	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
22242	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22243	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22244	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22246	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22247	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22249	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22250	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22252	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22255	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22258	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22259	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22262	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22266	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22267	68105	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
22273	68105	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
22275	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22276	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22277	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22279	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22280	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22284	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22286	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22290	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22293	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22295	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
22298	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22300	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22303	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22311	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22317	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22318	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22320	68105	8	2E-05	3E-01	3E-02	--	--	--	4E-01	4E-02	--	4E-01	--	--	--	4E-02	5E-03	--	5E-02
22325	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22326	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22329	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22330	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22331	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22332	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22334	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22337	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22339	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22344	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
22345	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22346	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22348	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22352	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22353	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22356	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22357	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22358	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
22359	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22361	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22362	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22363	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22365	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22367	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22370	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22372	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22373	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22377	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
22378	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22382	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
22383	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22384	68105	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
22385	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22386	68105	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
22387	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22389	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22390	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22391	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22393	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22398	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22399	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
22400	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22401	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22402	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22404	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22405	68105	7	4E-05	4E-01	4E-02	--	--	--	--	2E-02	--	7E-01	--	--	--	--	2E-03	--	8E-02
22406	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22407	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22408	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22410	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22414	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22416	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22421	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22425	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22426	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22429	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22432	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22434	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22435	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22436	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22441	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22442	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22443	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22444	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22446	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22448	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22449	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22450	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22453	68105	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
22458	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22459	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22460	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22461	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22462	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22463	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
22465	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22466	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22467	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22473	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22474	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22475	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22480	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22482	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22483	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22484	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22488	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22490	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22491	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22496	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22498	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22501	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22502	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22503	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22505	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22506	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22507	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22510	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22512	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22515	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22519	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22521	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22524	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22525	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22526	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22528	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22529	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22530	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22531	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22532	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22536	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22537	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22539	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22542	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22544	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22545	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22546	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22547	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22549	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22550	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22553	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22559	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22560	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22561	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22562	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22563	68105	8	3E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	6E-02
22564	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22566	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22567	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22568	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22571	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
22574	68105	8	5E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
22577	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22586	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22587	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22600	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22601	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22604	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22606	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22609	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22610	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22613	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22618	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22621	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22622	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22623	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22624	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22631	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22633	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22634	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22636	68105	8	1E-04	1E+00	1E-01	--	--	--	1E+00	6E-03	--	3E+00	--	--	--	1E-01	6E-04	--	3E-01
22650	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22654	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22659	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22660	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22661	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22662	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22665	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22667	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22669	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22670	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22672	68105	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22673	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22675	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
22678	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22684	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22685	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22687	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22691	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
22692	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22693	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22695	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22704	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
22710	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22715	68105	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
22716	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
22718	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22720	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22721	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
22723	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22726	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22733	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22737	68105	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22739	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22741	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22742	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22744	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22748	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22751	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22752	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22754	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
22755	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22756	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22757	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22760	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22761	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22765	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22767	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22769	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22772	68105	8	4E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	5E-02	2E-03	--	8E-02
22777	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22778	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22785	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22787	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22792	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22796	68105	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22799	68105	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
22802	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22804	68105	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
22806	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22816	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22825	68105	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22827	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22831	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22832	68105	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
22861	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22884	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22893	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49266	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49271	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49272	68105	8	2E-04	1E+00	1E-01	--	--	--	4E-01	2E-02	--	3E+00	--	--	--	4E-02	2E-03	--	3E-01
49288	68105	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49289	68105	8	9E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
50443	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50473	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50474	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50528	68105	8	4E-04	2E+00	3E-01	--	--	--	4E-01	1E-02	--	7E+00	--	--	--	4E-02	1E-03	--	7E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50541	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50554	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50574	68105	8	8E-05	9E-01	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	8E-04	--	2E-01
50646	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52326	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
66821	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
80194	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
87914	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
87915	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
87927	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
87941	68105	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
88153	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
88154	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
89809	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
90028	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90427	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
91239	68105	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
93073	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93118	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93119	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93120	68105	8	2E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	5E-04	--	4E-02
93121	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93122	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
93349	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93350	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93351	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
93352	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
93353	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93354	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	5E-04	--	5E-02
93355	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93356	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
93357	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93358	68105	8	2E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	3E-01	--	--	--	1E-01	6E-04	--	3E-02
93359	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93360	68105	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
93361	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
93362	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93363	68105	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
93364	68105	8	3E-05	6E-01	7E-02	--	--	--	1E+00	5E-03	--	6E-01	--	--	--	1E-01	5E-04	--	7E-02
93365	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
93366	68105	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
93367	68105	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93368	68105	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
93373	68105	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
93378	68105	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
93379	68105	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
93380	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93381	68105	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	5E-04	--	5E-02
93382	68105	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93523	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93524	68105	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
93525	68105	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93559	68105	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49152	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49531	68106	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49533	68106	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
49534	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51004	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51005	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51006	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51008	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51011	68106	8	3E-05	6E-01	7E-02	--	--	--	1E+00	5E-02	--	6E-01	--	--	--	1E-01	6E-03	--	6E-02
51012	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51013	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51014	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51015	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51016	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51017	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51018	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51019	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51020	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51022	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51024	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51025	68106	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51026	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51027	68106	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
51028	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51029	68106	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	9E-04	--	6E-02
51030	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51031	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51033	68106	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51034	68106	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
51035	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51036	68106	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51037	68106	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
51038	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51039	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51040	68106	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51041	68106	8	7E-05	8E-01	8E-02	--	--	--	1E+00	9E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
51043	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51045	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51046	68106	8	3E-05	3E-01	4E-02	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	5E-04	--	7E-02
51047	68106	8	4E-04	3E+00	3E-01	--	--	--	1E+00	6E-03	--	8E+00	--	--	--	1E-01	7E-04	--	8E-01
51048	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51049	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51050	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51052	68106	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	3E+00	--	--	--	1E-01	3E-03	--	3E-01
51053	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51054	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51056	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51057	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51058	68106	8	9E-05	9E-01	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	8E-04	--	2E-01
51059	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51061	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51062	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51064	68106	8	6E-06	4E-01	4E-02	--	--	--	1E+00	9E-03	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
51065	68106	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
51066	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51067	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51068	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51069	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51070	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51071	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51072	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51073	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51074	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51075	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51076	68106	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51077	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51078	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51079	68106	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
51080	68106	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
51082	68106	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
51083	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51084	68106	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51085	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51086	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51087	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51088	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51089	68106	8	2E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
51090	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51091	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51092	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51093	68106	8	8E-05	7E-01	7E-02	--	--	--	4E-01	7E-03	--	2E+00	--	--	--	4E-02	7E-04	--	2E-01
51094	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51095	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51097	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51098	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51099	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51100	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51101	68106	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
51102	68106	8	1E-05	2E-01	2E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	9E-04	--	2E-02
51103	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51104	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51105	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51106	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51107	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51108	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51109	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51110	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51111	68106	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51113	68106	8	4E-05	6E-01	7E-02	--	--	--	1E+00	6E-03	--	7E-01	--	--	--	1E-01	7E-04	--	8E-02
51114	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51115	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51116	68106	8	4E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	8E-04	--	8E-02
51117	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51118	68106	8	2E-04	2E+00	2E-01	--	--	--	1E+00	9E-03	--	4E+00	--	--	--	1E-01	1E-03	--	5E-01
51119	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51120	68106	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
51121	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51122	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51123	68106	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	8E-04	--	4E-02
51124	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51125	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51126	68106	8	3E-04	2E+00	3E-01	--	--	--	1E+00	2E-02	--	6E+00	--	--	--	1E-01	2E-03	--	7E-01
51127	68106	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
51129	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51130	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51131	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51132	68106	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
51133	68106	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	8E-04	--	6E-02
51134	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51135	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51136	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51138	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51139	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51141	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51142	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51143	68106	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	7E-04	--	8E-02
51144	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51145	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51146	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51147	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51148	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51149	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51150	68106	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51151	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51153	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51155	68106	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	7E-04	--	2E-02
51156	68106	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51157	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51158	68106	8	2E-04	1E+00	1E-01	--	--	--	1E+00	8E-03	--	3E+00	--	--	--	1E-01	8E-04	--	3E-01
51159	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51160	68106	7	2E-05	3E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	1E-03	--	5E-02
51161	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51162	68106	8	3E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	4E-02	9E-04	--	7E-02
51163	68106	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
51164	68106	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51165	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51166	68106	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51168	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51169	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51170	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51172	68106	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51173	68106	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51174	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51175	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51176	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51178	68106	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51179	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51180	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51181	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51182	68106	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51183	68106	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51184	68106	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
51185	68106	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51187	68106	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
51188	68106	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
7	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
36	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
56	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
57	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
79	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
81	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
83	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
85	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
87	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
88	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
99	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
106	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
125	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
174	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
409	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
503	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
506	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
629	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
904	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
924	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
930	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
994	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1013	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1057	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1072	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
1083	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1084	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1093	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1095	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1099	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1104	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1106	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1122	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1123	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1133	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1140	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1164	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1183	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1196	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1203	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1210	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1215	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1222	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1224	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1226	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1234	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1235	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1236	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1239	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1243	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1256	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1274	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1279	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1281	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1290	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1291	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1316	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1318	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1321	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1322	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1326	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1328	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1332	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1344	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1347	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1348	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1349	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1355	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1356	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1357	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1359	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1362	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1363	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1364	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1370	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1374	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1384	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1385	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1401	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1414	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1417	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1455	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1463	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1465	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
1467	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
1470	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1475	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1477	68107	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
1478	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1492	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1496	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1504	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1506	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1547	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1548	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1607	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1611	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1614	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1615	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1624	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1625	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1631	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1632	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2001	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2030	68107	13	3E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	1E-02	4E-01	5E-01	4E-02	--	4E-02	1E-01	1E-03	4E-02	6E-02
2033	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2038	68107	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	4E-03	4E-01	3E-01	3E-02	--	3E-02	1E-01	4E-04	4E-02	3E-02
2056	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
2059	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2068	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2096	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2104	68107	13	6E-06	6E-01	7E-02	2E-01	--	2E-01	1E+00	3E-02	2E-01	1E-01	2E-02	--	2E-02	1E-01	3E-03	2E-02	1E-02
2124	68107	13	2E-05	9E-01	1E-01	4E-01	--	3E-01	1E+00	5E-03	4E-01	4E-01	4E-02	--	3E-02	1E-01	5E-04	4E-02	4E-02
2167	68107	13	2E-05	8E-01	9E-02	4E-01	--	3E-01	1E+00	6E-03	3E-01	3E-01	4E-02	--	3E-02	1E-01	6E-04	4E-02	3E-02
2172	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2197	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2206	68107	13	1E-05	8E-01	8E-02	2E-01	--	3E-01	1E+00	2E-02	3E-01	2E-01	3E-02	--	3E-02	1E-01	2E-03	3E-02	3E-02
2218	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2220	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
2249	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2252	68107	13	5E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	1E-02	4E-01	9E-01	4E-02	--	4E-02	1E-01	1E-03	4E-02	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2259	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2273	68107	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	3E-01	3E-01	4E-02	--	3E-02	1E-01	1E-03	4E-02	4E-02
2292	68107	13	2E-05	5E-01	6E-02	3E-01	--	3E-01	1E-01	6E-03	4E-01	4E-01	3E-02	--	3E-02	1E-02	6E-04	4E-02	4E-02
2293	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2303	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2330	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2350	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2376	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2377	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2384	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2410	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
2444	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
2477	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2478	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2479	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2483	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
2485	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2490	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2492	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
2494	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2496	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
2497	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2498	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2499	68107	7	3E-05	3E-01	4E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	3E-03	--	7E-02
2500	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2504	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
2506	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2509	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2510	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2512	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2513	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2514	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
3003	68107	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	8E-03	4E-01	5E-01	3E-02	--	3E-02	1E-01	8E-04	4E-02	5E-02
3004	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3021	68107	13	2E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	1E-02	4E-01	4E-01	4E-02	--	5E-02	1E-01	2E-03	4E-02	5E-02
3047	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3074	68107	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	1E-01	7E-03	3E-01	3E+00	3E-02	--	3E-02	1E-02	8E-04	3E-02	3E-01
3083	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3121	68107	13	3E-05	6E-01	6E-02	4E-01	--	3E-01	1E-01	2E-02	4E-01	5E-01	4E-02	--	3E-02	1E-02	2E-03	5E-02	5E-02
3157	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3188	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
3194	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
3210	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
3223	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5005	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5010	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5064	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5065	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5066	68107	13	2E-05	8E-01	8E-02	2E-01	--	3E-01	1E+00	2E-02	3E-01	3E-01	3E-02	--	3E-02	1E-01	3E-03	3E-02	3E-02
5067	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5068	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5069	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5070	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5071	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5072	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5073	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5076	68107	13	8E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	2E-02	3E-01	2E+00	4E-02	--	4E-02	1E-01	2E-03	4E-02	2E-01
5077	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5130	68107	13	6E-05	1E+00	1E-01	5E-01	--	4E-01	1E+00	1E-02	4E-01	1E+00	6E-02	--	5E-02	1E-01	1E-03	4E-02	1E-01
5131	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5157	68107	13	3E-05	9E-01	1E-01	3E-01	--	4E-01	1E+00	3E-02	4E-01	5E-01	4E-02	--	4E-02	1E-01	3E-03	4E-02	5E-02
5158	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5159	68107	13	2E-05	9E-01	1E-01	3E-01	--	4E-01	1E+00	2E-02	3E-01	3E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	4E-02
5160	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5161	68107	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	6E-03	3E-01	4E-01	4E-02	--	3E-02	1E-01	7E-04	4E-02	4E-02
5162	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5163	68107	13	2E-05	9E-01	9E-02	3E-01	--	4E-01	1E+00	6E-03	4E-01	4E-01	4E-02	--	4E-02	1E-01	6E-04	4E-02	4E-02
5164	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5165	68107	13	6E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	1E-02	3E-01	1E+00	3E-02	--	3E-02	1E-01	1E-03	4E-02	1E-01
5166	68107	13	2E-05	9E-01	1E-01	3E-01	--	4E-01	1E+00	9E-03	3E-01	4E-01	3E-02	--	4E-02	1E-01	1E-03	4E-02	5E-02
5172	68107	13	3E-05	8E-01	9E-02	2E-01	--	3E-01	1E+00	2E-02	2E-01	5E-01	2E-02	--	3E-02	1E-01	2E-03	3E-02	5E-02
5173	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5174	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5175	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5176	68107	13	4E-05	1E+00	1E-01	5E-01	--	4E-01	1E+00	2E-02	4E-01	7E-01	5E-02	--	4E-02	1E-01	2E-03	4E-02	8E-02
5177	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5178	68107	13	3E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	4E-01	5E-01	3E-02	--	3E-02	1E-01	1E-03	4E-02	5E-02
5179	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5180	68107	13	3E-05	9E-01	1E-01	3E-01	--	4E-01	1E+00	2E-02	4E-01	6E-01	3E-02	--	4E-02	1E-01	2E-03	4E-02	6E-02
5181	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5182	68107	13	6E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	1E-02	3E-01	1E+00	3E-02	--	3E-02	1E-01	1E-03	3E-02	1E-01
5183	68107	13	3E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	7E-03	3E-01	5E-01	3E-02	--	3E-02	1E-01	8E-04	3E-02	5E-02
5184	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5185	68107	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	1E-02	4E-01	5E-01	4E-02	--	4E-02	1E-01	1E-03	4E-02	6E-02
5209	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5210	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5211	68107	13	2E-05	8E-01	8E-02	3E-01	--	3E-01	1E+00	8E-03	3E-01	3E-01	3E-02	--	3E-02	1E-01	9E-04	3E-02	3E-02
5212	68107	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	5E-03	3E-01	3E-01	3E-02	--	3E-02	1E-01	5E-04	4E-02	3E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5213	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5214	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10001	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10002	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10005	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10007	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10008	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
10009	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10010	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10011	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10015	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10016	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10018	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
10019	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10021	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10024	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10025	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10026	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10028	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
10029	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10030	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10032	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10033	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10034	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10035	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10036	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10038	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10039	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10040	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10041	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10042	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10043	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10044	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	5E-02
10045	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
10046	68107	8	3E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
10048	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10052	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10053	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10054	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10055	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10057	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10059	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10062	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10063	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10066	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10067	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10068	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10069	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10070	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10071	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10072	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
10073	68107	8	6E-04	4E+00	4E-01	--	--	--	1E+00	2E-02	--	1E+01	--	--	--	1E-01	2E-03	--	1E+00
10074	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10075	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10076	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10077	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10078	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10079	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10083	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10087	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10088	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
10089	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10090	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10091	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10093	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10094	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10095	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
10096	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10097	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10098	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10099	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10100	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10102	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10103	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
10104	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10105	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10108	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10109	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10110	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10111	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
10112	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10115	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10116	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10117	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
10118	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10119	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10120	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10122	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10126	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10127	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10128	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10130	68107	8	9E-05	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
10131	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10133	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
10134	68107	8	7E-05	8E-01	9E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	7E-04	--	1E-01
10135	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10137	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10138	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10140	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10141	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10143	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10144	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10146	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10148	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10149	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10150	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10151	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10154	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10158	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10159	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10160	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10162	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10163	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10164	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10165	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10166	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10167	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10169	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10171	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10172	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10173	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10175	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10177	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10178	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10179	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
10180	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10181	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10182	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10183	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
10184	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10192	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10194	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10195	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10196	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10197	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10200	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10201	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10202	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10203	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10204	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10205	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10206	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10208	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10209	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10211	68107	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
10212	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10213	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10214	68107	8	1E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	3E+00	--	--	--	4E-02	1E-03	--	3E-01
10215	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10218	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10222	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10223	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10224	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10225	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10226	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10227	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10229	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10230	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10231	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10232	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10233	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10236	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10237	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10239	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10240	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10241	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
10242	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10243	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10244	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10246	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10247	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10248	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10249	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10251	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10252	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10253	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10254	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
10256	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10257	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10258	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10259	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10260	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10261	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10262	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10263	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10264	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10265	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10266	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10269	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10272	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10273	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10274	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10275	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10276	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10277	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10279	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10280	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10281	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10283	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
10286	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10288	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10289	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10290	68107	8	9E-06	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
10291	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10293	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10294	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10295	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	9E-03	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
10296	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10297	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10298	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10299	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
10300	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10301	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10302	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10303	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10304	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10305	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10306	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10308	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10309	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10310	68107	8	2E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	4E+00	--	--	--	1E-01	2E-03	--	4E-01
10311	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10313	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10314	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10315	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10316	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10317	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10318	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10320	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10322	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10324	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10326	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10327	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10328	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
10329	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	4E-03	--	4E-02
10330	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10331	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10332	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10333	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
10334	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10337	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10338	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10339	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10340	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10342	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10343	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10344	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10345	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10346	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10347	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
10348	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10349	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10351	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10352	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10353	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10354	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10356	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10358	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10359	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10360	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10362	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
10364	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10367	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10369	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10370	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10371	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10372	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10374	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10375	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10376	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10377	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10378	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10381	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10382	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10383	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10385	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10386	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10387	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
10388	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10389	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10390	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10392	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10394	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10395	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10396	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10397	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10398	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10401	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	7E-04	--	3E-01
10402	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10403	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
10404	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10405	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10407	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10408	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10409	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10410	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10412	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10413	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10414	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10415	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10416	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10417	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10418	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10419	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10421	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10422	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10425	68107	8	2E-04	1E+00	1E-01	--	--	--	4E-01	8E-03	--	3E+00	--	--	--	4E-02	8E-04	--	4E-01
10427	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10428	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10429	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10430	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10431	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10432	68107	8	6E-06	6E-01	7E-02	--	--	--	2E+00	1E-02	--	1E-01	--	--	--	2E-01	1E-03	--	1E-02
10433	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10434	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10436	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10437	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10438	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10439	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
10440	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10441	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10443	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10445	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10447	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10449	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10450	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10451	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10452	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10453	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10454	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
10455	68107	8	2E-04	2E+00	2E-01	--	--	--	1E+00	5E-02	--	4E+00	--	--	--	1E-01	5E-03	--	5E-01
10456	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10457	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10458	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
10459	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10461	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10462	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10463	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10464	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10466	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10467	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10468	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
10469	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10470	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10471	68107	8	1E-05	3E-01	4E-02	--	--	--	7E-01	3E-02	--	2E-01	--	--	--	8E-02	4E-03	--	2E-02
10472	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10473	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10474	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10475	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10478	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10480	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10481	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10483	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10484	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
10485	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10486	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10488	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10489	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10490	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10491	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10492	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
10494	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10495	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10496	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10497	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10499	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
10500	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	4E-01	--	--	--	4E-02	3E-03	--	4E-02
10501	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10503	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10504	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10505	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10506	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10508	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	4E-01	--	--	--	4E-02	3E-03	--	5E-02
10510	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10511	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10512	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10513	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
10515	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10516	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10518	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10519	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10520	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10521	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10522	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10523	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10524	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10525	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10526	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10527	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10528	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10530	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10531	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10532	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10533	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10534	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10535	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10536	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10537	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10538	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
10539	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10540	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10542	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10543	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	4E-03	--	5E-02
10544	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10545	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10546	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10547	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10548	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
10550	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10552	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10555	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10556	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10557	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10558	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10561	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10562	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10563	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10564	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10566	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10567	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10568	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10569	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10570	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10571	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10572	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10573	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10575	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10576	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10577	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10578	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
10579	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10580	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10581	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10582	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
10583	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10584	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10585	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10587	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10588	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10589	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10591	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10592	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10597	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10598	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10599	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10600	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10601	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10604	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10607	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10608	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10609	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
10610	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10611	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10612	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10613	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10614	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10615	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10616	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
10617	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10618	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10619	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10620	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10622	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
10623	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10624	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10627	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10628	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10630	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10633	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
10634	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10636	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10637	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10638	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10639	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10640	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10642	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10644	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10645	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10646	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10647	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10648	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10649	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10650	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
10651	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10652	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10653	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10654	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
10655	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10657	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10658	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10660	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10661	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10662	68107	8	4E-05	4E-01	4E-02	--	--	--	3E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
10663	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
10664	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10667	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10668	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10670	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
10671	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10672	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10673	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10674	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10676	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10678	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10679	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10680	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10681	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10682	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
10683	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10684	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10685	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10686	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10687	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
10688	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10689	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10690	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10691	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10693	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10694	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10696	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10697	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10698	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10700	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10702	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10703	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
10704	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10705	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10706	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10707	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
10709	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10710	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10712	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10713	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10714	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10715	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10717	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10718	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10719	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10720	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
10721	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10722	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10723	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10724	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10725	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
10726	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10727	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10728	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10729	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10730	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10731	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10732	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10733	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10734	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10735	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
10736	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10737	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10738	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
10741	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10742	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
10743	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10744	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10745	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10747	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10748	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10750	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10752	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10754	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10755	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10756	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10758	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
10760	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10761	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10763	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
10764	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10765	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10766	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10767	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10768	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10770	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10772	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10773	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10774	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10775	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10776	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10777	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10779	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10780	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10781	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10783	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10784	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10786	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10787	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10788	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10789	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10790	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10791	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10792	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10793	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10794	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
10795	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10796	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10797	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10799	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10800	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10801	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10802	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10803	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10804	68107	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
10805	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10807	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10808	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10809	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10813	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10814	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
10816	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10817	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10819	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10820	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10821	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10822	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
10823	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10824	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10825	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10826	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10827	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10828	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10829	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10831	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
10832	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10833	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10834	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
10835	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10836	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10837	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10838	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10839	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10840	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10841	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10842	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
10843	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10844	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10847	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10848	68107	8	9E-06	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
10850	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10851	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10854	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10855	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10856	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10857	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10858	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
10859	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10860	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
10861	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10862	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10863	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10864	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10866	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10867	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10868	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10870	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10871	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10873	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10874	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10875	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10876	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
10877	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
10880	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
10881	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10882	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10883	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10884	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10885	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10886	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
10887	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10889	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10890	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10891	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10894	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10895	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
10896	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
10897	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10899	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10902	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10903	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10905	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10907	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
10908	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10909	68107	8	1E-04	9E-01	1E-01	--	--	--	4E-01	3E-02	--	2E+00	--	--	--	4E-02	3E-03	--	3E-01
10910	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
10912	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10913	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10914	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
10915	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10916	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10918	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10919	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
10920	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
10921	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10923	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10924	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10925	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	4E-03	--	1E-02
10926	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10927	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10928	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10931	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	5E-02
10932	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10933	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10934	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10935	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10937	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
10938	68107	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	6E-02
10941	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10943	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10944	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
10945	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
10947	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
10948	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10949	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10950	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
10951	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10952	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10953	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
10955	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10956	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
10961	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10962	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10964	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10965	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
10967	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10968	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10970	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
10972	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
10973	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10974	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10975	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10977	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10978	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10979	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10982	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
10985	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
10986	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
10988	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10989	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10990	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
10991	68107	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	5E-02
10992	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
10994	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
10995	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
10998	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
10999	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11000	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11002	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11003	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11004	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11005	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11006	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11008	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11009	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11010	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11011	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
11012	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11013	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
11014	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11016	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11017	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11020	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11021	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11023	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11024	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11025	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11026	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11029	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11030	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11031	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11033	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11034	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11035	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11036	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
11037	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11038	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11039	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11040	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11041	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11042	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11043	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11044	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11045	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11046	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11047	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11048	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11050	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
11051	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11052	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11053	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11054	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11055	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11056	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11057	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11058	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11059	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11061	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11062	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11063	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11064	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11066	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11067	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11068	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11069	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
11070	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
11071	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11074	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11078	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11080	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11082	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
11083	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11084	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11085	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11086	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11087	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11088	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11089	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11090	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11091	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11092	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11094	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
11095	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11096	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11097	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11098	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11100	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11101	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11103	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11104	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11105	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11106	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11107	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11110	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11112	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11113	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11114	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11115	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11116	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11118	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
11119	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11122	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11123	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11125	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11126	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11128	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11129	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11130	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11131	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11133	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11134	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11135	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11136	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11137	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11139	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11140	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11141	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11142	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
11143	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11144	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11145	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11146	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11147	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11148	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11149	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11150	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11151	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11152	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11153	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11154	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11155	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
11156	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11157	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11158	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11159	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11160	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11162	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11163	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11165	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11166	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11167	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11168	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11169	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11170	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11171	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11172	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
11173	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
11174	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11177	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11178	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11179	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	8E-04	--	1E-01
11180	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11185	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11186	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11187	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11188	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11189	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
11190	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11191	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
11192	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11193	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11194	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
11195	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11196	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11197	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11198	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11200	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11202	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11203	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
11204	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11205	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11206	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11208	68107	8	6E-04	4E+00	4E-01	--	--	--	1E+00	7E-03	--	1E+01	--	--	--	1E-01	8E-04	--	1E+00
11209	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11210	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11211	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11212	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11213	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11214	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11215	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11216	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11218	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11219	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11220	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11221	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11222	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
11223	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11224	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11225	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11226	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11227	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11228	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11229	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11230	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	7E-04	--	7E-02
11231	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11232	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	5E-04	--	4E-02
11233	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	5E-04	--	5E-02
11234	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11235	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11236	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11237	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11238	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11239	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11240	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11241	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
11242	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11243	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11245	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11246	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
11248	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11249	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11250	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11251	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11252	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11253	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11254	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11256	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11257	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11258	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	5E-02	2E-03	--	6E-02
11260	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11261	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11262	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11263	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11264	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11265	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11267	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11268	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
11269	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11270	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11272	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
11273	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11275	68107	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
11276	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11277	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11278	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11279	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11282	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11283	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
11285	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11286	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11287	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11288	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11289	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11291	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11293	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11294	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11296	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11297	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11298	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11299	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11300	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11301	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11302	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11303	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
11305	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11306	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11308	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11309	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
11311	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11312	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	7E-02
11313	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11314	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11315	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11316	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11317	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11318	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11319	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11321	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
11322	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11323	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11324	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11326	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11327	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11329	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11330	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11331	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11332	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11333	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11334	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11335	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11336	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11337	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11338	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11339	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11340	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11341	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11342	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11343	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
11345	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11346	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11347	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11348	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11349	68107	8	4E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	6E+00	--	--	--	4E-02	2E-03	--	7E-01
11350	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11352	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11354	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11355	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11356	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11357	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11358	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11359	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11360	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11361	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11366	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11367	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	9E-04	--	7E-02
11368	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
11369	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11370	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11371	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11372	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-02	--	3E-01	--	--	--	1E-01	6E-03	--	4E-02
11373	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11374	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11376	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11377	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
11378	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11380	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11381	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11382	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11384	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11385	68107	8	5E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	9E-02
11386	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11387	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	5E-03	--	3E-01	--	--	--	1E-01	6E-04	--	4E-02
11388	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11389	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11390	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11391	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11392	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11393	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11395	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11396	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11397	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11398	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11399	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11400	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
11401	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11402	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11403	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
11404	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11405	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11407	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11408	68107	8	7E-05	8E-01	9E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	8E-04	--	1E-01
11409	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11410	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
11411	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11413	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11414	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11415	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11416	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
11417	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11418	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11419	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11420	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11421	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11422	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11423	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
11424	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11425	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11426	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11427	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11428	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11429	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11430	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11431	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11433	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11434	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11435	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11436	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11437	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11439	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	3E-03	--	5E-02
11440	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11441	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11442	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11443	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11444	68107	8	1E-04	1E+00	1E-01	--	--	--	4E-01	2E-02	--	2E+00	--	--	--	4E-02	3E-03	--	2E-01
11445	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11446	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11447	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11448	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11449	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
11450	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11451	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11452	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11453	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11455	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11456	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11457	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11458	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11460	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11461	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11462	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11463	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11464	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11465	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
11468	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11469	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
11471	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11472	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11473	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11474	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11475	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11476	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11477	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11478	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11479	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11480	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11482	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11483	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11484	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
11485	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11486	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11489	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11490	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11491	68107	7	6E-05	5E-01	5E-02	--	--	--	--	1E-02	--	1E+00	--	--	--	--	1E-03	--	1E-01
11492	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11493	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
11494	68107	8	3E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	5E+00	--	--	--	1E-01	2E-03	--	6E-01
11496	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11498	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11499	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11500	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11501	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11502	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11503	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11504	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11505	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11506	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11508	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11510	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11512	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11514	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11515	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11516	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11517	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
11518	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11519	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11520	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11521	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11522	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11523	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
11525	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11526	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11527	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11529	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11530	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11531	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11533	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11534	68107	1	--	1E-01	2E-02	--	--	--	--	1E-01	--	--	--	--	--	--	2E-02	--	--
11535	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11536	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11538	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11539	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
11540	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11541	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11542	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11544	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11546	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11547	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11548	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11550	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11552	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
11554	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11556	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11557	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11558	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
11559	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11560	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11561	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11563	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11564	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11565	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11566	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11568	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	4E-03	--	6E-02
11569	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11570	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11571	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11572	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11573	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11574	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11575	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11576	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11577	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11578	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11579	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11581	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11582	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11583	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11584	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11585	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11586	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11587	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11588	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11589	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11590	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11591	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11592	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11593	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11594	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11597	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11598	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11599	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
11600	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11601	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
11602	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11603	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
11604	68107	8	5E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
11605	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11606	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11607	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11608	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11609	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	9E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
11610	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11611	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11613	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11614	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
11615	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11616	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11619	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11620	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11621	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11622	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11623	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11625	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11626	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11627	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11629	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11630	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11632	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11633	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11634	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11636	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11637	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11638	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11639	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11640	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11641	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11642	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11643	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11644	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11645	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11646	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11647	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11648	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11649	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11652	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11653	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11655	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11658	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11659	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11660	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11661	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
11662	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11663	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11664	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11665	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11666	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11668	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11671	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11674	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11675	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11676	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11677	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11678	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11680	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11682	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11684	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11686	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
11687	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11689	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11690	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11691	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11692	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11693	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11695	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11696	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11697	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11698	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11699	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11700	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11701	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11703	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11705	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11706	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11707	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11708	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11710	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11711	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
11712	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11713	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11714	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11716	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11717	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11718	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11719	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11720	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11721	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11722	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11723	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11724	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11725	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11726	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11728	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11729	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11730	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11731	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11732	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11734	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11737	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11738	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11739	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11740	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11741	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
11744	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11745	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
11746	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11747	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11748	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11749	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11750	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11751	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11753	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11754	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11755	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11756	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
11757	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11758	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11760	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11761	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11763	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11764	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11765	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	6E-04	--	5E-02
11767	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11768	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11769	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11770	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
11771	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11773	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11774	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11775	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11776	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11777	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	4E-02	--	5E-01	--	--	--	4E-02	4E-03	--	6E-02
11778	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11779	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11780	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11781	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11782	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11785	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11786	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11787	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11788	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11791	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11792	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11793	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11795	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11796	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
11797	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11798	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11799	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11800	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11802	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11803	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11804	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11805	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11806	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11807	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
11808	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11809	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11812	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11813	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11814	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11815	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11816	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11818	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11819	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11820	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11821	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11822	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11823	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11824	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11825	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11826	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11827	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
11828	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11829	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
11830	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11831	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11833	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11835	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11836	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11837	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11839	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11840	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11841	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11842	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
11843	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11844	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11846	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11848	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11849	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11851	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11852	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11853	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11854	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11855	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11858	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11859	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11861	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11862	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11865	68107	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
11867	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11868	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11869	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11871	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11872	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11875	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11876	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11877	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11880	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11884	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11886	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11887	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11888	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11889	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11890	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11892	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11893	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11894	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	4E-02	9E-04	--	6E-02
11895	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11896	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11897	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11898	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11900	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11901	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11902	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	9E-04	--	7E-02
11903	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11904	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11905	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
11906	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11907	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11909	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11910	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
11913	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11914	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11915	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11916	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11918	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11919	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11920	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11921	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11922	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11923	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11924	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
11925	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11926	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11927	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11928	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11929	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11930	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11931	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11932	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11935	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
11936	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11937	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11939	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11941	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	5E-02	2E-03	--	6E-02
11945	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11946	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
11947	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11948	68107	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
11949	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11950	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11951	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11952	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11953	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
11955	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11956	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
11958	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11959	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11960	68107	8	1E-05	4E-01	5E-02	--	--	--	1E+00	2E-02	--	2E-01	--	--	--	1E-01	2E-03	--	3E-02
11961	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11962	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
11964	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11965	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11966	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11967	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
11968	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
11970	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11971	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11973	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11975	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11977	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11979	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11982	68107	8	6E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
11985	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
11986	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11987	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
11988	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11989	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
11990	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11991	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
11993	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11994	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11995	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
11996	68107	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
11997	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11998	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
11999	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12000	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12002	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
12003	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12004	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12005	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12006	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12007	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12008	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12009	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
12012	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
12014	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12015	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12016	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12017	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12018	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12019	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12020	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12021	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12022	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12024	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12025	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12026	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12030	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12031	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12032	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12034	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12035	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12036	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12037	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
12038	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12039	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12041	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12042	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12043	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12044	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12047	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
12048	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12049	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12050	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12051	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12052	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12053	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12054	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12055	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12056	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12057	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12058	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12059	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12060	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12061	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12062	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12067	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12068	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12071	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12074	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12075	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12076	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12077	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12078	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12080	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12081	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12082	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12084	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12085	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12086	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
12087	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12088	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12090	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12091	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12092	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12093	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12094	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12095	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12096	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12098	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12099	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12102	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12103	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12104	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12105	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12106	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12107	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12109	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12110	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12111	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12112	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12113	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12114	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
12115	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12116	68107	8	1E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	3E+00	--	--	--	5E-02	2E-03	--	3E-01
12118	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
12119	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12121	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12122	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12124	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
12125	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12126	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
12127	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12129	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
12131	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12132	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12133	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12134	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12135	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12136	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12137	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12138	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12139	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12141	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
12142	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12143	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12144	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12146	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12147	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12148	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12149	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12151	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12152	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
12153	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12155	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12156	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12158	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12159	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12162	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12164	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12165	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12166	68107	8	6E-05	5E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	5E-02	2E-03	--	1E-01
12167	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12168	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12169	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12170	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12171	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12172	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12173	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12175	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12178	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12179	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12180	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12181	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12182	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12184	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12186	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12187	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12190	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12191	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12192	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12194	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
12195	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12197	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12198	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12199	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12200	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12202	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12205	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12206	68107	8	8E-06	2E-01	2E-02	--	--	--	4E-01	1E-02	--	1E-01	--	--	--	4E-02	2E-03	--	2E-02
12209	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12211	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12214	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12215	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12217	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12218	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12220	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
12221	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12222	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12223	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12224	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12226	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12227	68107	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
12228	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12231	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12232	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12233	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12234	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12238	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12239	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
12240	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12242	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12243	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12245	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12246	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12247	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12249	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12254	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12255	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12256	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12257	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12258	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12260	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12261	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12262	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12263	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12264	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12265	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12266	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12268	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12269	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12270	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12271	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12272	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12273	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12275	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12277	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12278	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12279	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12280	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12281	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12282	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12283	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12285	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12286	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12288	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12289	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12290	68107	8	3E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
12291	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12292	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12294	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12295	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12296	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
12297	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12298	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12300	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12301	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12303	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12304	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12305	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12306	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12307	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12308	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12310	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12311	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12312	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12313	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12315	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12316	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12318	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12319	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12320	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12323	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12324	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12327	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12330	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12331	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12333	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12334	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12335	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12336	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12338	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
12339	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12341	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12342	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12343	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
12344	68107	7	4E-05	3E-01	4E-02	--	--	--	--	1E-02	--	7E-01	--	--	--	--	1E-03	--	8E-02
12345	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12346	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12350	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12351	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
12354	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
12355	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12356	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12358	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12360	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12362	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12363	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12364	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
12365	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12366	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12371	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12372	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
12374	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12376	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12377	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12378	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12380	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12383	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12385	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12386	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12387	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12388	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
12390	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12391	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12392	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12394	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12395	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12396	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12397	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12399	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12400	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12401	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12403	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
12404	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12405	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12407	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
12410	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
12411	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12414	68107	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
12418	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12419	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12420	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12421	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12422	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12424	68107	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
12425	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12426	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12428	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12429	68107	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
12430	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12431	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12432	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12433	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
12437	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12439	68107	8	6E-06	6E-01	6E-02	--	--	--	2E+00	1E-02	--	1E-01	--	--	--	2E-01	1E-03	--	1E-02
12440	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12442	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12443	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12444	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12445	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12446	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12448	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12449	68107	7	5E-05	4E-01	4E-02	--	--	--	--	1E-02	--	9E-01	--	--	--	--	2E-03	--	1E-01
12452	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12453	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12456	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12457	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
12458	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12459	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12460	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12461	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12462	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12464	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12465	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12466	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12469	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12470	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12471	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12472	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12473	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12474	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12477	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12478	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12479	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12480	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12481	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12482	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12483	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12484	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12485	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12486	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12487	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12489	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12490	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12491	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12493	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12494	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12496	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12497	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12498	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12499	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12500	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12501	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12502	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12505	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12506	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
12510	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12514	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	8E-04	--	8E-02
12515	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12516	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12517	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
12518	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12519	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12520	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12521	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12522	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12524	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12526	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12527	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12528	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12529	68107	8	2E-04	1E+00	2E-01	--	--	--	1E+00	2E-02	--	3E+00	--	--	--	1E-01	2E-03	--	3E-01
12530	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
12535	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12537	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12538	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12539	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12541	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12544	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12545	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12546	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12547	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12548	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12549	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12550	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12551	68107	8	5E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
12554	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12555	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12556	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12558	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12559	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12560	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12561	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12564	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12565	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12566	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12567	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
12569	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12572	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
12573	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12574	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12575	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12577	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12579	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12580	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12581	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12582	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12583	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12584	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12585	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12586	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12588	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
12589	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12590	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
12593	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12594	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12595	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12599	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12600	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12602	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12603	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
12604	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12605	68107	7	2E-05	3E-01	3E-02	--	--	--	--	5E-03	--	4E-01	--	--	--	--	5E-04	--	5E-02
12606	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12609	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12610	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12611	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
12612	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12613	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12614	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12615	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12617	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12618	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12623	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12624	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12625	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12626	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12627	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12628	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12632	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12636	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12644	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
12645	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12647	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12648	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12649	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12652	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12653	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12654	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12655	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12656	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12657	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12659	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12661	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12663	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12665	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12666	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12667	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
12668	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12670	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12671	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12674	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12676	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12677	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12678	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12679	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12682	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12684	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12685	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12687	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12688	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12690	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12691	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12692	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12694	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12697	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12699	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12701	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12707	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12709	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12710	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12711	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12713	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12714	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
12716	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12718	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12721	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12723	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12725	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12726	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12727	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12729	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
12732	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12733	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12735	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12736	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12737	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12738	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12739	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12740	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
12741	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
12742	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12744	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12747	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12748	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12749	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12751	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12753	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12755	68107	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	7E-02
12759	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12760	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12761	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
12764	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12766	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12769	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12772	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12774	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12783	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12785	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12787	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12789	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12791	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12792	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12794	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
12796	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12798	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12800	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12810	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12811	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12812	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12815	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12818	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12820	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
12823	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12826	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12827	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12830	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
12831	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12833	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12834	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
12835	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12840	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
12844	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12845	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12847	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
12848	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
12850	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12851	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12856	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12858	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	9E-04	--	6E-02
12865	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12870	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12871	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
12874	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12876	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12877	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12879	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12884	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12885	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12888	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12891	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12893	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12894	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
12897	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12898	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12901	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12902	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12903	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
12907	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12908	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12910	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12911	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12912	68107	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
12913	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
12914	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12915	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
12916	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12920	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12921	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12927	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12929	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12934	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12944	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
12948	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12951	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12954	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12959	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12970	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12979	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12981	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12985	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12988	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12989	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12990	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12992	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12993	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12994	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12997	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12998	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13004	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13006	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13018	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13021	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13022	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13024	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
13026	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13028	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13037	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13038	68107	8	2E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
13039	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13040	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13042	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13043	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13044	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13045	68107	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
13051	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18847	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43664	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43665	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43666	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43667	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43668	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43669	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43671	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43673	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43674	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43675	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43676	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
43677	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43678	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43679	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43680	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43681	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43682	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43683	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43685	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
43686	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43687	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43689	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
43690	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43691	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	5E-03	--	7E-01	--	--	--	1E-01	6E-04	--	8E-02
43692	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
43693	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43694	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43695	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
43696	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43698	68107	7	2E-05	2E-01	2E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	6E-04	--	4E-02
43699	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43700	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43701	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43702	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43703	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	9E-04	--	7E-02
43704	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43705	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43706	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43707	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
43708	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43709	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43710	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43711	68107	7	4E-05	3E-01	4E-02	--	--	--	--	8E-03	--	7E-01	--	--	--	--	9E-04	--	7E-02
43713	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43714	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
43716	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43717	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43719	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43720	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43721	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43722	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43724	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43725	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43726	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
43727	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43728	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43729	68107	8	5E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	8E-01	--	--	--	4E-02	9E-04	--	9E-02
43730	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43731	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
43732	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43733	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43734	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43735	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43736	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	5E-02
43737	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43738	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43739	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43740	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43743	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43744	68107	8	2E-05	2E-01	3E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	5E-04	--	3E-02
43745	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43746	68107	8	7E-05	6E-01	6E-02	--	--	--	4E-01	9E-03	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
43747	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43748	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43749	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
43750	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43752	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43753	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43755	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43758	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43759	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43760	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43761	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43762	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43764	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43765	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43766	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43768	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43769	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43771	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	8E-04	--	6E-02
43772	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43773	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43774	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43775	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43777	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43778	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43779	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43781	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43782	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43783	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43784	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43785	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43786	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43787	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43789	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
43790	68107	7	2E-05	2E-01	3E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	7E-04	--	4E-02
43793	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
43794	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43795	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43796	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43797	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43798	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43799	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43800	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
43802	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43803	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43805	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43806	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43807	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43808	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43809	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43810	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43811	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43812	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43813	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	7E-04	--	4E-02
43815	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43816	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43817	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43818	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43819	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43820	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43822	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43823	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43824	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43825	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43826	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43827	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43828	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43829	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43830	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43831	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43832	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43833	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43834	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43836	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
43838	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
43839	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43843	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
43845	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43846	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43847	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43849	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43850	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43851	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43852	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43853	68107	7	4E-05	4E-01	4E-02	--	--	--	--	2E-02	--	7E-01	--	--	--	--	2E-03	--	8E-02
43854	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43855	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43856	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43858	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43859	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43860	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43861	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
43862	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43863	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43865	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43866	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43869	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	4E-03	--	4E-01	--	--	--	1E-01	4E-04	--	4E-02
43870	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
43871	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
43872	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
43874	68107	7	5E-05	4E-01	4E-02	--	--	--	--	1E-02	--	9E-01	--	--	--	--	1E-03	--	1E-01
43875	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43876	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43878	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43880	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43881	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43882	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43884	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43886	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43888	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43889	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43890	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43891	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43892	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
43893	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43894	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43895	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43896	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43897	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43901	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43903	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43904	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43905	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43906	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43907	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43908	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43909	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43910	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
43911	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43912	68107	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
43913	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43914	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43916	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43917	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43918	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43919	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43920	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43921	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43922	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43924	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43925	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43926	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43927	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43928	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43929	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43930	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43931	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43933	68107	7	2E-05	2E-01	3E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	7E-04	--	4E-02
43934	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43935	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43936	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43937	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43938	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43939	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43940	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
43942	68107	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	5E-02
43945	68107	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	9E-04	--	6E-02
43946	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43949	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
43950	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
43951	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43953	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43954	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43957	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43958	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43960	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43961	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43962	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
43963	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43964	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43965	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
43966	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43967	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
43968	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
43969	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
43970	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43971	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
43974	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
43975	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43976	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43977	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
43978	68107	8	4E-04	3E+00	3E-01	--	--	--	1E+00	6E-03	--	6E+00	--	--	--	1E-01	6E-04	--	7E-01
43979	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
43982	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43983	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
43984	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
43985	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
43986	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43987	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43988	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43989	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
43991	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
43992	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
43993	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43994	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43996	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
43998	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
43999	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44000	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44001	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44002	68107	8	2E-05	3E-01	3E-02	--	--	--	3E-01	6E-03	--	4E-01	--	--	--	4E-02	6E-04	--	5E-02
44003	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44004	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44005	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44006	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44008	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44010	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44011	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44013	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44014	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44016	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44017	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44018	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44019	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44020	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44022	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44023	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44024	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44025	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
44026	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44028	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44029	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44031	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44032	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44033	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44034	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44035	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44037	68107	7	2E-05	2E-01	2E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	4E-02
44039	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44040	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44041	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44042	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44044	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44046	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44047	68107	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	8E-04	--	6E-02
44048	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44049	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44050	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44052	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44053	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44055	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44056	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44057	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44059	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44060	68107	1	--	3E-01	3E-02	--	--	--	--	3E-01	--	--	--	--	--	--	3E-02	--	--
44061	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44062	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44063	68107	7	2E-05	2E-01	3E-02	--	--	--	--	7E-03	--	4E-01	--	--	--	--	7E-04	--	4E-02
44064	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44065	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44066	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
44067	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44068	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44069	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44070	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44072	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44073	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44074	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44075	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44076	68107	7	4E-05	4E-01	4E-02	--	--	--	--	4E-02	--	7E-01	--	--	--	--	4E-03	--	8E-02
44077	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44079	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44080	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44081	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44082	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44083	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44084	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44085	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44088	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44089	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44090	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44091	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44092	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44094	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44099	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44101	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44102	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44103	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44104	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
44105	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44106	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44107	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
44108	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44111	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44112	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
44113	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44114	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44115	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44116	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44117	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44118	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44119	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44120	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44123	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44124	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44125	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44127	68107	8	2E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	4E+00	--	--	--	4E-02	1E-03	--	4E-01
44128	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44129	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44130	68107	8	3E-04	2E+00	2E-01	--	--	--	1E+00	9E-03	--	5E+00	--	--	--	1E-01	9E-04	--	6E-01
44131	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
44132	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44133	68107	8	3E-05	7E-01	7E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	6E-04	--	7E-02
44134	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44135	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44137	68107	8	8E-05	9E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	2E-01
44139	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44140	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44143	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44144	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44145	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
44146	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44147	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44148	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44150	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44151	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44152	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44153	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
44155	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44156	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44157	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	9E-04	--	6E-02
44158	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44160	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44161	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44162	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44163	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44164	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44165	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44166	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44167	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44169	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44170	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44171	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44173	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44174	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44176	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44177	68107	8	5E-05	4E-01	5E-02	--	--	--	4E-01	8E-03	--	9E-01	--	--	--	4E-02	9E-04	--	1E-01
44178	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44179	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44180	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44181	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44182	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44183	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44184	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
44185	68107	8	3E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
44186	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44187	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
44188	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44194	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44196	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44197	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44198	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
44199	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44200	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44201	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44202	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	4E-02
44203	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44205	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44208	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44210	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44211	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44212	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44213	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44214	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44217	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44219	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44220	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	7E-04	--	4E-02
44221	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44222	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44224	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44225	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
44227	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44228	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44230	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44231	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44233	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	7E-04	--	4E-02
44234	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44235	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44236	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	5E-02
44237	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	6E-04	--	6E-02
44239	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44240	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44241	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44244	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44245	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44246	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44248	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
44250	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44251	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44252	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44253	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44254	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44255	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44256	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44258	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44260	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44261	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44262	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44265	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44268	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44269	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44270	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44271	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44272	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44273	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44274	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44277	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44278	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44279	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44280	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44281	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44282	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44283	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44284	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44287	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44288	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44289	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44290	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44291	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44292	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44293	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44294	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44295	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44296	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44298	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44299	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
44300	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44301	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44303	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44304	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44305	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44306	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44307	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44308	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44310	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44311	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44313	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44314	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44315	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44316	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44317	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44318	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44319	68107	8	1E-04	9E-01	1E-01	--	--	--	1E+00	6E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
44320	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44321	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44323	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44324	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44325	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44327	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44328	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44329	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44330	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44331	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44332	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44334	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44337	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44339	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44341	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44344	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44345	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44346	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44347	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44348	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
44349	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44350	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44351	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44352	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44354	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44357	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44358	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44359	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44361	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44362	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44366	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44367	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44371	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44373	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44375	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44376	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44377	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44379	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44380	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
44381	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44382	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44383	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44384	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44385	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44386	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44387	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44389	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44390	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44391	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44392	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44393	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44394	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44395	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44396	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44397	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44398	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44400	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44401	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44403	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44404	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44405	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44406	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44407	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44409	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44410	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44411	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44413	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44414	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44415	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
44416	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
44417	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44418	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44419	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44420	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44421	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44422	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44423	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44424	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44426	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44427	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44428	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44429	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44431	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44432	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44433	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44436	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44437	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44439	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44441	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44442	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44443	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44444	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44445	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44446	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
44448	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44449	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44450	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44451	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44452	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
44453	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44454	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44455	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
44456	68107	8	2E-04	1E+00	1E-01	--	--	--	4E-01	8E-03	--	3E+00	--	--	--	4E-02	9E-04	--	3E-01
44457	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44458	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44459	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44460	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44463	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44464	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44465	68107	8	2E-04	1E+00	1E-01	--	--	--	4E-01	6E-03	--	4E+00	--	--	--	4E-02	6E-04	--	4E-01
44466	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44467	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44468	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44469	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44470	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44471	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44472	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44474	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44475	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
44476	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44477	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44478	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
44479	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44482	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
44483	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	3E-01
44484	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44486	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44487	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44489	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44490	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
44491	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44492	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44493	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44494	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44496	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44498	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44500	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44501	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44502	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44503	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
44504	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44506	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44507	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
44508	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
44509	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44510	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44511	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44512	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44514	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44515	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44516	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44517	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44518	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44519	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	6E-02
44520	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44521	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44522	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44523	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44525	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44526	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
44527	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44528	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
44529	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	7E-04	--	2E-02
44530	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44531	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
44533	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44534	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44535	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44536	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
44537	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44538	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44539	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
44540	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44541	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44542	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44543	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44545	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44546	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
44548	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44549	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
44550	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44552	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44553	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44554	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44555	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44556	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
44557	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44558	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44559	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44560	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44562	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44564	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44565	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44566	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44567	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	8E-04	--	4E-02
44568	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44570	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44571	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44573	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44574	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44575	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44576	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44577	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44578	68107	8	2E-05	4E-01	5E-02	--	--	--	9E-01	9E-03	--	3E-01	--	--	--	9E-02	1E-03	--	4E-02
44579	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44580	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44581	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
44582	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44584	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44585	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44588	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44589	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
44590	68107	7	2E-05	2E-01	2E-02	--	--	--	--	1E-02	--	3E-01	--	--	--	--	1E-03	--	4E-02
44591	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44592	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
44595	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44597	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
44600	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44604	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44605	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44606	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44607	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44608	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44609	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44610	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44611	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44612	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44613	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44614	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44615	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44616	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44617	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
44618	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44619	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
44620	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44621	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44623	68107	8	2E-04	1E+00	1E-01	--	--	--	4E-01	7E-03	--	3E+00	--	--	--	4E-02	8E-04	--	3E-01
44624	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44625	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44626	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
44627	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44630	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44631	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44632	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44633	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44635	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44636	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
44640	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
44641	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44642	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44644	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E-04	--	2E-02
44645	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44646	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44648	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44649	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44650	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44654	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44655	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44656	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44658	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44659	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44660	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44662	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44664	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44666	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44667	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44668	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
44669	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44671	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44672	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44673	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44674	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44675	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44677	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44678	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44680	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
44681	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44682	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44683	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
44684	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44686	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44687	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44688	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44689	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44691	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44693	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44694	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44695	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44696	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44697	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44698	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44700	68107	8	1E-04	9E-01	9E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
44701	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44702	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44704	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44705	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44706	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44709	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44710	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44711	68107	8	6E-06	7E-01	8E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
44712	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44713	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44714	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44715	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44716	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44719	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44721	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44722	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44723	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44724	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44725	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
44726	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44727	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	6E-04	--	4E-02
44728	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44729	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44730	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44731	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44733	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44734	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44736	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44737	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44738	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	5E-02	8E-04	--	2E-02
44740	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
44741	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
44742	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44743	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44744	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44745	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44747	68107	8	3E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
44748	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44749	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44751	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44752	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44753	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	7E-01	--	--	--	4E-02	8E-04	--	8E-02
44755	68107	8	1E-04	8E-01	9E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
44756	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	8E-04	--	4E-02
44757	68107	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
44759	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44760	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
44761	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44762	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44763	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44765	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44767	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44768	68107	8	1E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
44769	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44771	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44772	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44773	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44774	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44776	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44777	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44778	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44779	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44780	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44781	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
44783	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44784	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44785	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44786	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44788	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44789	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44790	68107	8	5E-05	4E-01	5E-02	--	--	--	4E-01	8E-03	--	8E-01	--	--	--	4E-02	9E-04	--	9E-02
44793	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44794	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44795	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44796	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44797	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44798	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-02	--	5E-01	--	--	--	4E-02	9E-03	--	5E-02
44799	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44800	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44801	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44802	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44803	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44804	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44805	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44806	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44807	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44808	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44809	68107	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
44810	68107	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	4E-02
44811	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44812	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44814	68107	8	6E-05	6E-01	7E-02	--	--	--	7E-01	2E-02	--	1E+00	--	--	--	7E-02	2E-03	--	1E-01
44816	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44817	68107	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
44820	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44821	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44822	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
44823	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44824	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44825	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44826	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44827	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44828	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44829	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44831	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44832	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44833	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44834	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44835	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44836	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44837	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
44838	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44839	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44840	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44841	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44844	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44845	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44846	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44848	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44849	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44851	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44852	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44853	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44854	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	7E-04	--	5E-02
44855	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44856	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44857	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
44858	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44859	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44860	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44861	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44863	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44864	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44865	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44866	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44867	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
44869	68107	8	2E-05	4E-01	4E-02	--	--	--	8E-01	1E-02	--	3E-01	--	--	--	9E-02	1E-03	--	4E-02
44870	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44872	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44873	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44874	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44875	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44876	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44877	68107	8	5E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-01	--	--	--	4E-02	3E-03	--	1E-01
44879	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44880	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44881	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44882	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44883	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44884	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44885	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44886	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44887	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44890	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44891	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44892	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44893	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44894	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44895	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44896	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44897	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44898	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
44899	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44900	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44901	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44902	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
44903	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44904	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44906	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44907	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44908	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44910	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44911	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44912	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44915	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44916	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44917	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44918	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44919	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44921	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44923	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	8E-01	--	--	--	1E-01	7E-04	--	9E-02
44924	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44925	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44926	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
44927	68107	7	2E-05	2E-01	2E-02	--	--	--	--	3E-02	--	3E-01	--	--	--	--	4E-03	--	4E-02
44928	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44929	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44930	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
44931	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44932	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44934	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44935	68107	7	2E-05	3E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	1E-03	--	5E-02
44936	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
44937	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44938	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44939	68107	7	2E-05	2E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	1E-03	--	5E-02
44942	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44943	68107	7	2E-05	2E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	1E-03	--	5E-02
44944	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
44945	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44946	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44947	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44948	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44949	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44950	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44952	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44953	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
44954	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44955	68107	8	8E-06	2E-01	2E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	7E-04	--	2E-02
44957	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44958	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44959	68107	7	2E-05	2E-01	2E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	6E-04	--	4E-02
44961	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
44962	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44963	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
44965	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
44966	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44967	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
44968	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44969	68107	7	2E-05	2E-01	3E-02	--	--	--	--	8E-03	--	3E-01	--	--	--	--	8E-04	--	4E-02
44970	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44971	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44972	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44974	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44975	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44976	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44977	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44978	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44979	68107	8	7E-05	6E-01	6E-02	--	--	--	4E-01	6E-03	--	1E+00	--	--	--	4E-02	6E-04	--	1E-01
44980	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
44981	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44983	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44984	68107	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
44985	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44986	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
44987	68107	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
44988	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
44989	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44990	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44991	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
44992	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44993	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
44994	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
44996	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
44997	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
44999	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45000	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45001	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45002	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45004	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	7E-04	--	5E-02
45005	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
45006	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45007	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45008	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45009	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45011	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45012	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45013	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45014	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45015	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45017	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45018	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
45020	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
45021	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45022	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45023	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	6E-02
45024	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45025	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45026	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45027	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45028	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45029	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
45030	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45031	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45032	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45033	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45034	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
45036	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45038	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45040	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45041	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45042	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45043	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45044	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
45046	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45047	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45048	68107	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
45050	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45051	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45052	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45053	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45054	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45056	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
45057	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45059	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45060	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45061	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45062	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45063	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45064	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45065	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45066	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45067	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45068	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45069	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45071	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45072	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
45073	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
45074	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45075	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45076	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45077	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	7E-01	--	--	--	1E-01	6E-04	--	7E-02
45078	68107	8	3E-04	2E+00	2E-01	--	--	--	1E+00	6E-03	--	5E+00	--	--	--	1E-01	7E-04	--	5E-01
45081	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45082	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45084	68107	8	7E-05	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
45085	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45086	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45087	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45091	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45092	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45093	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45094	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45095	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45097	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45098	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45099	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45100	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45101	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45102	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45103	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45104	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45105	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45106	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45108	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45109	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45110	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45111	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45113	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45115	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45116	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45117	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45118	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	6E-04	--	3E-02
45120	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45122	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45123	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45124	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45125	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45126	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45127	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45128	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45129	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45131	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45132	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45133	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45134	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45135	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45136	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45138	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45139	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45140	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45141	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45142	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45143	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45144	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45145	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45146	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45147	68107	7	1E-04	8E-01	9E-02	--	--	--	--	3E-02	--	2E+00	--	--	--	--	3E-03	--	2E-01
45148	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45149	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45150	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
45151	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45152	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45153	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45154	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45155	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45156	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
45157	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45158	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45159	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45160	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45161	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45162	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45163	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45164	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45165	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45166	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
45167	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
45168	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45169	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45171	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45172	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45173	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45175	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45176	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45177	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45178	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45179	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45180	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45181	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45182	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45183	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
45184	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45185	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45186	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
45187	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45188	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
45189	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45190	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45191	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45192	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45193	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45194	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45195	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
45196	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45197	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45198	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45199	68107	8	7E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
45201	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45202	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45203	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45204	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45205	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45206	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
45207	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45209	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45210	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45211	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45213	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	5E-02
45214	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45217	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45218	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45219	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45220	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45221	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45222	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45223	68107	7	1E-04	7E-01	7E-02	--	--	--	--	6E-03	--	2E+00	--	--	--	--	6E-04	--	2E-01
45224	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45225	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45226	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45227	68107	7	2E-04	1E+00	1E-01	--	--	--	--	7E-03	--	3E+00	--	--	--	--	7E-04	--	3E-01
45228	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45229	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45231	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45232	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45233	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45234	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45235	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45236	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
45237	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45238	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45239	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45241	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45242	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
45243	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45244	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
45245	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45246	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45247	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45248	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45249	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45250	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45251	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45252	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45255	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45256	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45257	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45259	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	6E-04	--	5E-02
45260	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45262	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45264	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45265	68107	7	3E-05	3E-01	3E-02	--	--	--	--	6E-03	--	6E-01	--	--	--	--	7E-04	--	7E-02
45267	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45268	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45269	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	5E-02	1E-03	--	6E-02
45270	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45271	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45272	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45273	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45274	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45275	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45276	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45277	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45278	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45281	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45282	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45283	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45285	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45286	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45287	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45289	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45291	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45292	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
45293	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45294	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45295	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45296	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45297	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45298	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	5E-02	8E-04	--	2E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45299	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45300	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
45301	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45303	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
45304	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
45305	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	7E-04	--	4E-02
45306	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45307	68107	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
45308	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45310	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45311	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45312	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45313	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45314	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45315	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45316	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45317	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45318	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45320	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45321	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
45322	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45323	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45324	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45325	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45326	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45327	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45328	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45329	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45330	68107	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
45333	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45334	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45335	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45338	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45339	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45340	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45341	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45342	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45343	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
45345	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45346	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45348	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45349	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45350	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
45351	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45353	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45354	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45355	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45356	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
45358	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45360	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45361	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45362	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45364	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	7E-04	--	7E-02
45365	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45366	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45367	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45368	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45369	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45370	68107	7	2E-05	2E-01	2E-02	--	--	--	--	6E-03	--	4E-01	--	--	--	--	6E-04	--	4E-02
45371	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45372	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45373	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45374	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45375	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45376	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45377	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45378	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45379	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45380	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45381	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45382	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45383	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45384	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45385	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45386	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45387	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45389	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45390	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
45391	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45392	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45393	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
45394	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45395	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45397	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45398	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45399	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
45400	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45401	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45404	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
45405	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45406	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45407	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45408	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45409	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45410	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45411	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	8E-02
45412	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45413	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45414	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45415	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45416	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45417	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45418	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45419	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45420	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45421	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45422	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45423	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
45424	68107	8	9E-05	9E-01	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
45425	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45426	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45427	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45428	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45429	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45430	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45431	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45432	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45433	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45434	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45435	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45437	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45438	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45439	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45440	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45442	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45443	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45444	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45445	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45446	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45447	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	5E-03	--	4E-01	--	--	--	4E-02	6E-04	--	5E-02
45448	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45450	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45451	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45452	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45453	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45454	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45455	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45456	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45457	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45458	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	8E-02
45459	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45460	68107	8	9E-05	9E-01	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	8E-04	--	2E-01
45461	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45462	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45463	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45465	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45466	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45467	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45469	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45470	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45471	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45472	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45473	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45474	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45475	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	4E-02
45477	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45478	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45479	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45480	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45481	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45484	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
45486	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45487	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
45488	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45489	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45490	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45492	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45494	68107	7	2E-05	2E-01	2E-02	--	--	--	--	9E-03	--	3E-01	--	--	--	--	1E-03	--	3E-02
45495	68107	7	1E-05	2E-01	2E-02	--	--	--	--	1E-02	--	2E-01	--	--	--	--	1E-03	--	3E-02
45496	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45497	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
45499	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45500	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45501	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45502	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45503	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45504	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45506	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45507	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45508	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45509	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45510	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45511	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45512	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45513	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45514	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45515	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45517	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45518	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45519	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45520	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45522	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45525	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45526	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45527	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45528	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45529	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45530	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	6E-04	--	2E-02
45531	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45533	68107	8	8E-05	9E-01	9E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	8E-04	--	2E-01
45534	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45535	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45537	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45538	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45539	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45540	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45541	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45542	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45543	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45544	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45545	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45546	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45548	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45550	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45551	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45552	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45554	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45556	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45557	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45559	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45561	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45562	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45563	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45564	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	7E-04	--	6E-02
45565	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45566	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
45567	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45568	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45569	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45574	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	8E-04	--	6E-02
45575	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45576	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45577	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45578	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45579	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45580	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45583	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45584	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
45585	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45587	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45590	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45591	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45592	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45594	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45595	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45597	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45598	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45599	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45601	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45602	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45604	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45605	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45606	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45607	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45608	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
45609	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02
45610	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45611	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45612	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45613	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45614	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45618	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45619	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45620	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45621	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45622	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45623	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45624	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
45625	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45626	68107	8	5E-04	3E+00	3E-01	--	--	--	4E-01	6E-03	--	9E+00	--	--	--	4E-02	7E-04	--	1E+00
45627	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45629	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45630	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45631	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45633	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45634	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45635	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45636	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45637	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45638	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45639	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45641	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45642	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45643	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45644	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45645	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
45646	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
45647	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45648	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
45649	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45652	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45653	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45654	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45655	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45656	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45658	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45659	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45660	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45661	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45662	68107	8	8E-06	2E-01	2E-02	--	--	--	4E-01	6E-03	--	1E-01	--	--	--	4E-02	6E-04	--	1E-02
45663	68107	8	3E-04	2E+00	2E-01	--	--	--	4E-01	2E-02	--	5E+00	--	--	--	4E-02	2E-03	--	5E-01
45665	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45667	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45668	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45669	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45670	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45671	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45672	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45673	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45674	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45675	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45676	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45677	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
45678	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
45679	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45680	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45681	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45682	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45683	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45684	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45685	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45688	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45690	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45691	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45692	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45693	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45695	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45696	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45697	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45698	68107	7	2E-05	2E-01	2E-02	--	--	--	--	8E-03	--	3E-01	--	--	--	--	9E-04	--	4E-02
45699	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45700	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45702	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45704	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45706	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45707	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45708	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45711	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45712	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45713	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45714	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45715	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45716	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45718	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45719	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45720	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45721	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45722	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45723	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45724	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
45725	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
45726	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45727	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45728	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
45729	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45730	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45731	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45732	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45734	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45735	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45736	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45737	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45738	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45739	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
45740	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45741	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
45742	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45743	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45744	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45746	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45747	68107	7	2E-05	2E-01	2E-02	--	--	--	--	8E-03	--	3E-01	--	--	--	--	9E-04	--	3E-02
45749	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45750	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45751	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45752	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45753	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45754	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45756	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45757	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45759	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45760	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45761	68107	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
45762	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45763	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45764	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-02	--	3E-01	--	--	--	1E-01	7E-03	--	3E-02
45765	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45766	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45767	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
45768	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45769	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45770	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	9E-04	--	3E-02
45771	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45772	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45773	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45775	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45776	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45779	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45780	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45781	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45782	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45783	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45785	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45786	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	9E-04	--	3E-02
45787	68107	7	6E-05	5E-01	5E-02	--	--	--	--	2E-02	--	1E+00	--	--	--	--	2E-03	--	1E-01
45788	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45789	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	4E-02	9E-04	--	6E-02
45790	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45791	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45792	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45793	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45794	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45795	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45797	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45798	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
45799	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45800	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45801	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45802	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45803	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45804	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45805	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45806	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45807	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45808	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45809	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45810	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45811	68107	7	6E-05	5E-01	5E-02	--	--	--	--	7E-03	--	1E+00	--	--	--	--	8E-04	--	1E-01
45812	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45813	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45814	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45815	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45817	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45818	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45820	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45821	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45822	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
45823	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45824	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45825	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45826	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45827	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45829	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45831	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45832	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45833	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45834	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45835	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45836	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45837	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	7E-04	--	2E-02
45838	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45840	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
45841	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45842	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45843	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45844	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45845	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45846	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45847	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45848	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45849	68107	8	2E-04	1E+00	2E-01	--	--	--	1E+00	9E-03	--	3E+00	--	--	--	1E-01	9E-04	--	4E-01
45850	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45851	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45853	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45854	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	5E-03	--	4E-01	--	--	--	5E-02	6E-04	--	4E-02
45855	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45856	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45857	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45858	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45860	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45861	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45862	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45864	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45865	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45867	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45868	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45869	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45870	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45871	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45872	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
45873	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45876	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45877	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45878	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45879	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45880	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45882	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45883	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
45884	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45886	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45887	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45888	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45889	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45890	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
45891	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45892	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45893	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45894	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45895	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45897	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45898	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45899	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45900	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45901	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45902	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45903	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45905	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45906	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
45907	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45909	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45910	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45912	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45913	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45914	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45915	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45916	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45920	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45921	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
45923	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	5E-02	1E-03	--	7E-02
45924	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45925	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45926	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45927	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
45928	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45930	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45932	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
45937	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45940	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45941	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45942	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45943	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45945	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45946	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45947	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45949	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45950	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45952	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45953	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45954	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45955	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
45957	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45958	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45959	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45960	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45961	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45962	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45963	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
45966	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45967	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45968	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
45969	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45970	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
45971	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45972	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
45973	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
45974	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45976	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
45977	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45979	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
45983	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
45984	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	7E-04	--	5E-02
45986	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45987	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
45988	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	6E-03	--	8E-01	--	--	--	1E-01	7E-04	--	9E-02
45989	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
45990	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
45991	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45992	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45993	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
45994	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45995	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
45996	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
45998	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
45999	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	6E-02
46000	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46001	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46004	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46005	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46006	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46007	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46008	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46012	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46016	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46017	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46020	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46021	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46022	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46023	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46025	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46026	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46028	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46029	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46030	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46031	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46032	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46033	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46035	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
46036	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46037	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46039	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46041	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46042	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46045	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46047	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46048	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46049	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	8E-02
46050	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	5E-02	3E-03	--	5E-02
46051	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46052	68107	8	5E-05	7E-01	8E-02	--	--	--	1E+00	9E-03	--	8E-01	--	--	--	1E-01	9E-04	--	9E-02
46053	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46058	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46059	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46060	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46061	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46063	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46066	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46067	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46070	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46071	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
46073	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
46074	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46075	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46077	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46078	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46080	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46082	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46083	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46085	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46086	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46087	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46088	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46089	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46090	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46091	68107	8	9E-06	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
46093	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46094	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46095	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46097	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46098	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46099	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46102	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46103	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
46104	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46107	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
46108	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46109	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46110	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46111	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46112	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46113	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46115	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46116	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46117	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46118	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
46120	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46121	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46122	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
46124	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46125	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46127	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
46128	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46130	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46131	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46132	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46133	68107	8	5E-05	4E-01	5E-02	--	--	--	4E-01	7E-03	--	9E-01	--	--	--	4E-02	8E-04	--	1E-01
46134	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46135	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46136	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46137	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46139	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46140	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46142	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46144	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46145	68107	7	2E-05	2E-01	3E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	8E-04	--	5E-02
46147	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46148	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46149	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46150	68107	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
46152	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46153	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46154	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46155	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46157	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46159	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46160	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46161	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46163	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46164	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	4E-02
46165	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46166	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46167	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46168	68107	8	4E-04	3E+00	3E-01	--	--	--	1E+00	6E-03	--	7E+00	--	--	--	1E-01	7E-04	--	8E-01
46169	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46170	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46171	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46172	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46174	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46175	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46177	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46178	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46179	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46180	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	3E-03	--	7E-02
46181	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46183	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
46184	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46185	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46186	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46187	68107	7	2E-05	2E-01	3E-02	--	--	--	--	2E-02	--	3E-01	--	--	--	--	2E-03	--	4E-02
46189	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46190	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46191	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46192	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46193	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46195	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46196	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46197	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46198	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46201	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46203	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46204	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46207	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46209	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46210	68107	8	1E-05	2E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	3E-02
46211	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46212	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46213	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46214	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	3E-02
46215	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46217	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46218	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
46219	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46221	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46222	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46224	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46225	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46226	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46227	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46228	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46229	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46231	68107	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
46232	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46233	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46234	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46235	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46237	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46238	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46240	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46241	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-02	--	5E-01	--	--	--	4E-02	7E-03	--	6E-02
46242	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46244	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46245	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46246	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46247	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
46248	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46250	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46252	68107	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
46253	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46254	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46255	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46256	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46258	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46260	68107	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
46266	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46268	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46269	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46270	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46274	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46275	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46276	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46278	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46279	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
46280	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46281	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46282	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46283	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46284	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46285	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46286	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46290	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46292	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46293	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46294	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46296	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46297	68107	8	7E-06	2E-01	2E-02	--	--	--	4E-01	9E-03	--	1E-01	--	--	--	4E-02	1E-03	--	1E-02
46298	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46301	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46302	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46303	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46304	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46305	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46306	68107	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
46307	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46310	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46312	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46314	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46315	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46316	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46317	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46318	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46320	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46321	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46323	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46325	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46327	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46330	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46331	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46332	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46333	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46335	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46336	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46339	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46340	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46341	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46342	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46343	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46344	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46345	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
46346	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
46347	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
46348	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46349	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46350	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46351	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46352	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46354	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46355	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46356	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46357	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46358	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46359	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46361	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46363	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
46364	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46365	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46366	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46367	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46368	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	8E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46369	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46370	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46371	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46372	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46373	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46376	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46378	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46379	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46380	68107	7	3E-05	3E-01	3E-02	--	--	--	--	5E-03	--	5E-01	--	--	--	--	6E-04	--	5E-02
46381	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46383	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46384	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46385	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46387	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46388	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46389	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46390	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46391	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46393	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46396	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46397	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46398	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46399	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
46400	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46401	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46402	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46403	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46404	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46405	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46406	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46407	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46408	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46409	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46410	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46411	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46412	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46418	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46419	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46421	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46422	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46423	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
46424	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46425	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46426	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46427	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46428	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46429	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46430	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46431	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46432	68107	7	2E-05	2E-01	3E-02	--	--	--	--	4E-02	--	4E-01	--	--	--	--	4E-03	--	4E-02
46434	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46435	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46437	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46438	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46439	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46441	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46442	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46443	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46444	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46445	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46446	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46448	68107	8	7E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
46450	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46451	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46452	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46454	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46455	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46456	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46457	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46458	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46460	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46461	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	8E-04	--	8E-02
46462	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46463	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46464	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46466	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46469	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
46470	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46471	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46472	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
46473	68107	7	5E-05	4E-01	5E-02	--	--	--	--	1E-02	--	1E+00	--	--	--	--	1E-03	--	1E-01
46474	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
46475	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46476	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46478	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
46480	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46482	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46483	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46484	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46487	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46489	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46490	68107	7	5E-05	4E-01	5E-02	--	--	--	--	2E-02	--	9E-01	--	--	--	--	3E-03	--	1E-01
46491	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46492	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46493	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
46494	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
46495	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46496	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46497	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46498	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
46499	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46500	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46501	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46502	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46503	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46504	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46505	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	5E-02
46507	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46508	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46509	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
46510	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46511	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46512	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46513	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46514	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46515	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46522	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46523	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46524	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46526	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46527	68107	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
46528	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
46529	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46530	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46533	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46534	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46535	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46536	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46538	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46539	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46540	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46541	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46543	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46546	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46547	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46548	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46549	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
46550	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46551	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46552	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46554	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46557	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46558	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46559	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46562	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46563	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46564	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46566	68107	7	2E-05	2E-01	3E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	8E-04	--	4E-02
46567	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46568	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46569	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46570	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46573	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46574	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46575	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46578	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46579	68107	8	6E-06	4E-01	5E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
46580	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46582	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46583	68107	7	4E-05	4E-01	4E-02	--	--	--	--	1E-02	--	8E-01	--	--	--	--	1E-03	--	9E-02
46585	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46586	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46587	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46588	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46589	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46591	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46592	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46593	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46594	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46595	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46596	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46597	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46598	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46601	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46602	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46603	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46604	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46605	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
46607	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46610	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
46611	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46612	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46613	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46614	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46615	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46618	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46619	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46620	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46621	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46625	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46626	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
46628	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	3E-03	--	6E-02
46629	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46630	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46631	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46632	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46633	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46634	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46635	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46636	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46637	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
46639	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46640	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46641	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46642	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46643	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46644	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46646	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46647	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46648	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46649	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46650	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46652	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46655	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
46656	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46658	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46659	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46661	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46662	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	4E-01	--	--	--	4E-02	3E-03	--	5E-02
46663	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46664	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
46665	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46666	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46667	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46668	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46669	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46671	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46672	68107	8	9E-05	7E-01	7E-02	--	--	--	4E-01	2E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
46673	68107	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
46674	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46675	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46676	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46679	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46682	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46683	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
46685	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46686	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46687	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46688	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46689	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46690	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46691	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46692	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46693	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46694	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46696	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46697	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46698	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
46699	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
46700	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46701	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46702	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46703	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
46704	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46707	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46708	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	7E-02
46710	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46711	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46712	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	4E-01	--	--	--	4E-02	4E-03	--	5E-02
46713	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46716	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46717	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46718	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46721	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46722	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46724	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46725	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
46727	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	9E-02
46728	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46729	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46730	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46731	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
46734	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46736	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46740	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46741	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46743	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	9E-03	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
46744	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46745	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46746	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46747	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46748	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46749	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46750	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46752	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46754	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46755	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46757	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46758	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46760	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46761	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46762	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46763	68107	7	2E-05	3E-01	3E-02	--	--	--	--	4E-02	--	4E-01	--	--	--	--	4E-03	--	5E-02
46764	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
46766	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46767	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46768	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46769	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46770	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46771	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46772	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
46775	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46776	68107	8	9E-06	2E-01	2E-02	--	--	--	3E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
46777	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46778	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46780	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46781	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46784	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46785	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46786	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46788	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46790	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46791	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46792	68107	8	6E-06	2E-01	2E-02	--	--	--	3E-01	2E-02	--	1E-01	--	--	--	4E-02	2E-03	--	1E-02
46793	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46794	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
46796	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46797	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46798	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46799	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46800	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46801	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46802	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46803	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46804	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
46805	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
46807	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46808	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
46811	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46812	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46813	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46814	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46815	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	5E-02	--	4E-01	--	--	--	1E-01	5E-03	--	4E-02
46816	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46817	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46820	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46822	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46823	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46825	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46826	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46827	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46829	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46830	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46832	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46833	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46834	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46835	68107	8	1E-05	2E-01	2E-02	--	--	--	3E-01	7E-03	--	2E-01	--	--	--	4E-02	7E-04	--	2E-02
46836	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46837	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46839	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46841	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46842	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46844	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46846	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46847	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46849	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46850	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46851	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46852	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
46854	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46855	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46857	68107	8	5E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
46859	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46860	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46861	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46862	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46863	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46864	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
46865	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46867	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
46869	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46870	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46871	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46872	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46873	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46877	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46878	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46879	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46880	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46881	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46883	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46885	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46886	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
46887	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46889	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46891	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46892	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46893	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
46894	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46897	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46898	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46899	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46901	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46904	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46905	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
46906	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46908	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46909	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
46910	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46911	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46913	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46916	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	6E-01	--	--	--	1E-01	6E-04	--	7E-02
46917	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46918	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46919	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
46920	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46922	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46923	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46925	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46926	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46927	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46928	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46929	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46930	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46931	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46932	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46934	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
46935	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46936	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
46940	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46942	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
46944	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46945	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46946	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
46948	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46950	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46952	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46953	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
46954	68107	8	8E-04	5E+00	5E-01	--	--	--	3E-01	7E-03	--	1E+01	--	--	--	4E-02	7E-04	--	2E+00
46955	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
46957	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46959	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46960	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46961	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46962	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46963	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
46964	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
46965	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46967	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46968	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
46969	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46970	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46971	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
46972	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46973	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46976	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
46977	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
46979	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46980	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46982	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46984	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
46985	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
46986	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46987	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46988	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46989	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46990	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46991	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46992	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
46993	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
46994	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
46996	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
46998	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
46999	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47000	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47001	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47003	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47004	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47005	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47007	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47008	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47009	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47010	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47011	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47012	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47013	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47015	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47016	68107	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
47017	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47020	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47021	68107	7	5E-05	4E-01	4E-02	--	--	--	--	1E-02	--	8E-01	--	--	--	--	1E-03	--	9E-02
47022	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47023	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47024	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47026	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47027	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47028	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47029	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47030	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
47032	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47033	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47034	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47037	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47038	68107	7	2E-05	2E-01	3E-02	--	--	--	--	2E-02	--	4E-01	--	--	--	--	2E-03	--	4E-02
47039	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47040	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47041	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47042	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47043	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47044	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47045	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47046	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
47047	68107	8	5E-04	3E+00	4E-01	--	--	--	4E-01	4E-02	--	9E+00	--	--	--	4E-02	4E-03	--	1E+00
47048	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47049	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47050	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47051	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
47052	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	5E-02	--	1E+00	--	--	--	1E-01	6E-03	--	1E-01
47053	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47054	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47056	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47058	68107	8	3E-04	2E+00	2E-01	--	--	--	1E+00	9E-03	--	5E+00	--	--	--	1E-01	9E-04	--	5E-01
47059	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47060	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47061	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47062	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47063	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47064	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47065	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47066	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47067	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47069	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47070	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47071	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47072	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47073	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47074	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47076	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47077	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47078	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47080	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47082	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47084	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47085	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47086	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47087	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47088	68107	8	2E-04	2E+00	2E-01	--	--	--	1E+00	6E-02	--	4E+00	--	--	--	1E-01	7E-03	--	5E-01
47089	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47090	68107	8	7E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
47091	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47092	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47094	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47095	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47096	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47097	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47098	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47100	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47102	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47103	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47104	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47105	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47106	68107	8	2E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
47107	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47108	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47111	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47112	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47115	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47116	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47118	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47119	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47123	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47125	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47127	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47128	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47130	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47131	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47132	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47133	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47135	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47136	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47137	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47138	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47139	68107	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
47140	68107	8	4E-05	2E+00	2E-01	--	--	--	4E+00	2E-02	--	7E-01	--	--	--	5E-01	2E-03	--	8E-02
47142	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47143	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47144	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47145	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47147	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
47148	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
47149	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
47150	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47151	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47152	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47153	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47154	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47156	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47157	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47158	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47159	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47162	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47163	68107	8	2E-05	5E-01	5E-02	--	--	--	9E-01	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
47164	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47165	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47166	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47168	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47169	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47170	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
47171	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47172	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
47173	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47175	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47176	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47177	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47178	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47179	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
47180	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47181	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
47182	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47184	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47185	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47186	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47187	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47188	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47190	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47191	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47193	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47194	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47195	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47196	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
47197	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47202	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47203	68107	7	7E-05	5E-01	6E-02	--	--	--	--	2E-02	--	1E+00	--	--	--	--	2E-03	--	1E-01
47204	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47206	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
47207	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47210	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47211	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47212	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47213	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47214	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47215	68107	8	2E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	4E+00	--	--	--	1E-01	2E-03	--	4E-01
47216	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
47217	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
47218	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
47219	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47220	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47222	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47223	68107	7	2E-05	2E-01	2E-02	--	--	--	--	2E-02	--	4E-01	--	--	--	--	3E-03	--	4E-02
47224	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47225	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47226	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47228	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47230	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47231	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47232	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47233	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47235	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47236	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47238	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47239	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47244	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47248	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47249	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
47250	68107	7	5E-05	4E-01	5E-02	--	--	--	--	1E-02	--	9E-01	--	--	--	--	1E-03	--	1E-01
47251	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47252	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47253	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47255	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47256	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47257	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47259	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
47260	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47261	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47262	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47263	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47265	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47267	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47268	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47269	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47270	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47271	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47273	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47274	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
47275	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
47276	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47277	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47279	68107	8	1E-04	8E-01	8E-02	--	--	--	4E-01	3E-02	--	2E+00	--	--	--	4E-02	3E-03	--	2E-01
47280	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47281	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47283	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
47285	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
47286	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47287	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47288	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47289	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47291	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
47293	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
47294	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47296	68107	8	2E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	3E+00	--	--	--	1E-01	2E-03	--	4E-01
47297	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47298	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47299	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47300	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47301	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47302	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47303	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47304	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47305	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47306	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47308	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47309	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47311	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
47312	68107	7	6E-05	5E-01	5E-02	--	--	--	--	2E-02	--	1E+00	--	--	--	--	2E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47313	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
47314	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47315	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
47316	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47317	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47319	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47320	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
47321	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47322	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
47324	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47326	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47327	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47328	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
47329	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47330	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47331	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47332	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47333	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47334	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47335	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47336	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47338	68107	8	1E-04	8E-01	9E-02	--	--	--	4E-01	2E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
47339	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
47340	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47341	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47342	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47343	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47346	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47348	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47349	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47350	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47351	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47352	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47353	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47354	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47355	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47356	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
47358	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47359	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47360	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47362	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
47363	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47364	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47365	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47366	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47368	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	2E-01	--	--	--	1E-01	3E-03	--	3E-02
47369	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47371	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47373	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47375	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47377	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47378	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47379	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47380	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	6E-04	--	6E-02
47382	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
47383	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47384	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47385	68107	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	9E-04	--	6E-02
47386	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47388	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47389	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
47390	68107	7	4E-05	3E-01	4E-02	--	--	--	--	1E-02	--	7E-01	--	--	--	--	1E-03	--	8E-02
47391	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47392	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47393	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47394	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47395	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47397	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47398	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47399	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47400	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47402	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
47404	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47405	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47406	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47407	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47408	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47410	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47412	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47413	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47414	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47415	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47416	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47417	68107	8	1E-05	4E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
47418	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47419	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47420	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47421	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47422	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47423	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47424	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
47425	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
47426	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47427	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47436	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47437	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47438	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47439	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47440	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
47441	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47444	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47445	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47447	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
47448	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47449	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47450	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47451	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47452	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
47453	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47454	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47456	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47458	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47460	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47461	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47462	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47463	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47464	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47465	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47466	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47467	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47468	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47469	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47470	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47471	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47473	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47474	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47475	68107	7	2E-05	2E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	1E-03	--	4E-02
47476	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47477	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47479	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47480	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47481	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47482	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47483	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47484	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47485	68107	8	2E-05	2E+00	2E-01	--	--	--	4E+00	1E-02	--	3E-01	--	--	--	5E-01	2E-03	--	4E-02
47487	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47488	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47489	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47491	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47492	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47493	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47494	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47496	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47497	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47498	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47499	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47502	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47503	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47505	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47507	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47508	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47511	68107	7	1E-04	7E-01	8E-02	--	--	--	--	3E-02	--	2E+00	--	--	--	--	3E-03	--	2E-01
47512	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47513	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47514	68107	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	2E-03	--	4E-02
47515	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47516	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47518	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	4E-02
47519	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47520	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47521	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47522	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47523	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47524	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47525	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47526	68107	8	3E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	5E-01	--	--	--	3E-02	1E-03	--	6E-02
47529	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47530	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47531	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47532	68107	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
47533	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47534	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47535	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47537	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47538	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47539	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47540	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47541	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47544	68107	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	2E-03	--	3E-01
47545	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47547	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47548	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47549	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47550	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47551	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47553	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
47554	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47555	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47556	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47557	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47558	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47559	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47560	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47561	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47562	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47563	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47564	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47565	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	5E-02
47566	68107	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
47568	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47569	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47570	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
47571	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47572	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47573	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47574	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47576	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47577	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47578	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47579	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47580	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47581	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47582	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47583	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47585	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47586	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47588	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47589	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47591	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47592	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47593	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47594	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47595	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47596	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47597	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47598	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47600	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47603	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47604	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
47605	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47607	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47608	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47609	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47610	68107	8	1E-05	2E-01	3E-02	--	--	--	5E-01	2E-02	--	2E-01	--	--	--	5E-02	2E-03	--	2E-02
47611	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47613	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47615	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47616	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47617	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	2E-03	--	5E-02
47618	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47620	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47621	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
47622	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47623	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47624	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47625	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47626	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47627	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
47628	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47629	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47630	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47633	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47634	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47635	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47636	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47638	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47639	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47642	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47643	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47644	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47645	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47646	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47647	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47648	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47649	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
47650	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47651	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47652	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47653	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47654	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47655	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47656	68107	7	2E-05	3E-01	3E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	8E-04	--	4E-02
47659	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47660	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47661	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47662	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
47663	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47664	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47665	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47669	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47670	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
47672	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47673	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47674	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47676	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47677	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47679	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47680	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47681	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	4E-03	--	6E-02
47682	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47683	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47684	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47685	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47686	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47687	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47689	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47690	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47691	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47692	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47693	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47694	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47695	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47696	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47697	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47699	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47703	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47704	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47705	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47706	68107	7	2E-05	2E-01	2E-02	--	--	--	--	2E-02	--	3E-01	--	--	--	--	3E-03	--	4E-02
47707	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47708	68107	7	2E-05	2E-01	2E-02	--	--	--	--	1E-02	--	3E-01	--	--	--	--	1E-03	--	3E-02
47710	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47711	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47712	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47713	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
47714	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47715	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47716	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47717	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47718	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47719	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47721	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47722	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47723	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47724	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47727	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47728	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47730	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47731	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47732	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47733	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47734	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47735	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47738	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47739	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47740	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47741	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47742	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47744	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47745	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47746	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47747	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47748	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47749	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47750	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47753	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47754	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47755	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47756	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47757	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47760	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47761	68107	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
47763	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
47765	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47766	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47767	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47768	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	7E-01	--	--	--	4E-02	3E-03	--	7E-02
47770	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47771	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47772	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47775	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47776	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47777	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47778	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47779	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47780	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47781	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47782	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47783	68107	8	4E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
47786	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
47787	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47788	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47789	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47791	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47793	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47794	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47795	68107	8	2E-05	2E-01	3E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	4E-04	--	3E-02
47796	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47797	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
47798	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47799	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47802	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47803	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47804	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47806	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47807	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47809	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47810	68107	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
47811	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
47812	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47813	68107	8	6E-06	5E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
47814	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47815	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47816	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
47818	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47819	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
47820	68107	7	2E-05	2E-01	3E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	8E-04	--	4E-02
47821	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47822	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47823	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47826	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47830	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47831	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
47832	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47833	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47834	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47835	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47836	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47838	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
47839	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47840	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47841	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
47842	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
47846	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
47847	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47848	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47850	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47851	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47852	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47856	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47858	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47859	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47860	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
47861	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47862	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47863	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47865	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47866	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47867	68107	8	6E-05	8E-01	8E-02	--	--	--	1E+00	4E-02	--	1E+00	--	--	--	1E-01	4E-03	--	1E-01
47868	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47870	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47872	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47875	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47876	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47878	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47879	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47880	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
47884	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47885	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47886	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	4E-03	--	5E-02
47887	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47888	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47890	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47893	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47894	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47895	68107	8	7E-05	9E-01	9E-02	--	--	--	1E+00	3E-02	--	1E+00	--	--	--	1E-01	3E-03	--	1E-01
47896	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47898	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47899	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47900	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47902	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47904	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47905	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47906	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
47908	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
47909	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47910	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47911	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47912	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47913	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47919	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47921	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
47922	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47924	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
47925	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47926	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
47927	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47928	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47929	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47930	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
47931	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47933	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47934	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
47935	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47936	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47937	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47938	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47939	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
47942	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47943	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47944	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47945	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47946	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
47947	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47950	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47951	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47952	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
47953	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47954	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47956	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47957	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
47960	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47961	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47962	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47963	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47964	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47965	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
47966	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	5E-03	--	3E-01	--	--	--	4E-02	5E-04	--	3E-02
47967	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47968	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47969	68107	8	8E-05	6E-01	7E-02	--	--	--	4E-01	4E-02	--	1E+00	--	--	--	4E-02	4E-03	--	2E-01
47971	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47972	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47975	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47977	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
47979	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
47981	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47984	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
47985	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47986	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47987	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
47988	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47989	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47990	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
47991	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47992	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
47994	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
47996	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
47997	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48002	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48003	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
48005	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48006	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
48007	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48009	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48014	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	9E-04	--	7E-02
48015	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48016	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
48018	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
48019	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48020	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48021	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48026	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48030	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48031	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48033	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48035	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48036	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	6E-04	--	4E-02
48037	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48038	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48039	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48040	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48041	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48043	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
48044	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48045	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48046	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48048	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
48049	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48050	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48051	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48052	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48053	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48054	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48055	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48056	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
48057	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48058	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48060	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48061	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48062	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48064	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48065	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48066	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48067	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48068	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48069	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48071	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48072	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48073	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48074	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48078	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48080	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48082	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48083	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48085	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48088	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48090	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48091	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48092	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
48093	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48096	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48097	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48098	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48099	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48100	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
48101	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48102	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48107	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48108	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48109	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48110	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48113	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48115	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48116	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
48117	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48118	68107	8	6E-05	8E-01	9E-02	--	--	--	1E+00	3E-02	--	1E+00	--	--	--	1E-01	3E-03	--	1E-01
48120	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
48121	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48122	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48124	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48125	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48126	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48127	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48128	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48129	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48131	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48133	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48135	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
48138	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48139	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48140	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48141	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
48142	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48143	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48144	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48146	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48147	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48148	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48149	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48150	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
48152	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48153	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48154	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48159	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48163	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48164	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48165	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48167	68107	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
48168	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48170	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48171	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48174	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48175	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48176	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48179	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48180	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48181	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48182	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48183	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48184	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48185	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48189	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48191	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48193	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48194	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48195	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48196	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48199	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48200	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48202	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48205	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48206	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48208	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48210	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48211	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48214	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48215	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48216	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48219	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48221	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48222	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48223	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48224	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48225	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48226	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48227	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48232	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	2E-03	--	5E-02
48233	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48234	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48235	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48236	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48237	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48239	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48240	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48241	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48242	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48244	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48245	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
48248	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48249	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48250	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48251	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48254	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48255	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48257	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48258	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48260	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48261	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
48266	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48267	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48269	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48270	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48271	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
48272	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48275	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48276	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48277	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48279	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48280	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48281	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48282	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48283	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48285	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48286	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48287	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48289	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48292	68107	8	7E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
48293	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48295	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48296	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48297	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48299	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
48300	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48302	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48305	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48308	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
48309	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48310	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48311	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48312	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48313	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48314	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48315	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48317	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48319	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48320	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48324	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48327	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
48328	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48331	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48332	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48334	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
48335	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48336	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48338	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48340	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48341	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
48342	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48343	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48345	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48347	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48349	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48350	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48352	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48353	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48354	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48359	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
48361	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48363	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48364	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48367	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
48368	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
48369	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48373	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48378	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48379	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48380	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
48382	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48383	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48384	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48385	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48386	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48387	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48389	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48390	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
48391	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48392	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48393	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48395	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48397	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48400	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48402	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48404	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48405	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48406	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48407	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48408	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48409	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48410	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48411	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48413	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48416	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
48417	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48418	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
48419	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48423	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48424	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48425	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48426	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48427	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48428	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48430	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48431	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48432	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48433	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48434	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
48435	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48437	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48438	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48439	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48441	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48442	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48444	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48446	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48447	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48451	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
48452	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48455	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48456	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48457	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48459	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48460	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48461	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
48463	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48464	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48466	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48467	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48468	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48469	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48470	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48471	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48472	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48474	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48476	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48477	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48479	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48480	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48481	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48482	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48484	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48485	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48487	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48489	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48490	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48492	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48493	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48494	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
48495	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
48496	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48497	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48499	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48500	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48501	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48502	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48503	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48505	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48506	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48507	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48508	68107	8	1E-04	9E-01	1E-01	--	--	--	4E-01	8E-03	--	2E+00	--	--	--	4E-02	9E-04	--	3E-01
48510	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	8E-02
48511	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48512	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48513	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48514	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48515	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48517	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48519	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48523	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48525	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
48526	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48529	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48530	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48531	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48532	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48533	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48534	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48538	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48539	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48540	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48541	68107	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
48542	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48543	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48544	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48545	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48546	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48547	68107	7	4E-05	4E-01	4E-02	--	--	--	--	6E-02	--	7E-01	--	--	--	--	6E-03	--	8E-02
48548	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48549	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48550	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48551	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48552	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
48553	68107	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
48554	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48555	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48556	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48557	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48558	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48559	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48560	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48561	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48563	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48564	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48565	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48566	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48567	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48568	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48569	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48570	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48571	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48572	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48573	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48574	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48576	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48577	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48578	68107	8	1E-04	8E-01	8E-02	--	--	--	4E-01	8E-03	--	2E+00	--	--	--	4E-02	8E-04	--	2E-01
48580	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48581	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48582	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48583	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
48584	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48586	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48587	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48588	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48589	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
48590	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48593	68107	7	4E-05	3E-01	3E-02	--	--	--	--	2E-02	--	7E-01	--	--	--	--	2E-03	--	7E-02
48594	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48596	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	8E-04	--	6E-02
48599	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48600	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48602	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48604	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48606	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48607	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
48610	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48611	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48612	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48613	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48614	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48615	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48616	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48618	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48619	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48620	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
48621	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48622	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48623	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48625	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48626	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48627	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48628	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48632	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48633	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48634	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48635	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48636	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	3E-02
48637	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48638	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48639	68107	8	3E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	6E-04	--	5E-02
48640	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48641	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	4E-03	--	4E-01	--	--	--	1E-01	5E-04	--	4E-02
48642	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48643	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48647	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48649	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48651	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48652	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48654	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
48655	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48656	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48659	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48661	68107	8	2E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
48662	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48663	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48667	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48668	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48670	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48671	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48672	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48674	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E-04	--	3E-02
48675	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48676	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48677	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48679	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48680	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48681	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48682	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48684	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48685	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	7E-04	--	1E-01
48687	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48689	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48691	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48693	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48694	68107	8	9E-05	7E-01	7E-02	--	--	--	4E-01	2E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
48695	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48696	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48697	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48698	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48699	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48701	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48702	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48703	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48705	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48708	68107	8	6E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
48710	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48711	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48715	68107	8	1E-05	2E-01	3E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
48718	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48719	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
48720	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48721	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	5E-02	--	3E-01	--	--	--	1E-01	5E-03	--	4E-02
48722	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48723	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48724	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48725	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48726	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48727	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48728	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48731	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48732	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48733	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	7E-04	--	8E-02
48734	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48736	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
48737	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48738	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48739	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48741	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48743	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48744	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48745	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48746	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48747	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
48748	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48750	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48751	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48752	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48753	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48754	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48755	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48757	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48758	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48759	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48760	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48762	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48764	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48765	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48766	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48767	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48768	68107	8	1E-05	4E-01	5E-02	--	--	--	1E+00	9E-03	--	2E-01	--	--	--	1E-01	1E-03	--	2E-02
48771	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48772	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48773	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48774	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48775	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48776	68107	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
48777	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48778	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48779	68107	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
48780	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48782	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48783	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48784	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48785	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48786	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48791	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48795	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48796	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48797	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48798	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
48799	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48800	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48801	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48803	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48804	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48805	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48806	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48807	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48810	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48811	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48813	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48814	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48815	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
48816	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48817	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48818	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48819	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48820	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48821	68107	8	2E-05	1E+00	1E-01	--	--	--	3E+00	2E-02	--	4E-01	--	--	--	3E-01	2E-03	--	4E-02
48822	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
48823	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48824	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48825	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48826	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48827	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48830	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48831	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48832	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48833	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48835	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48836	68107	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	4E-02
48837	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48838	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48839	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48840	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48841	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48844	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48846	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
48847	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48848	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48850	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48851	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48852	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48853	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48854	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48855	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
48856	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48857	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48858	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48860	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48861	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
48862	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48864	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48867	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48868	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48869	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48871	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
48872	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
48873	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48874	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48875	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
48876	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
48878	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48879	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48881	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48883	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48884	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48885	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48886	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
48887	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48888	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48889	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48892	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48893	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48897	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48898	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48899	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
48900	68107	7	2E-05	3E-01	4E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	8E-04	--	5E-02
48901	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48902	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48903	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48904	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
48905	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48906	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
48907	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48908	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48910	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48914	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48916	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48917	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48920	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48921	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48923	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48925	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48926	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48927	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48929	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48931	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
48932	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48935	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48936	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48937	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48939	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
48941	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48943	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48944	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
48946	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48948	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48949	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48952	68107	8	3E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	6E+00	--	--	--	4E-02	1E-03	--	6E-01
48953	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
48954	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
48956	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48958	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
48959	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48962	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48963	68107	8	1E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	3E-02
48964	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48965	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48968	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48969	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
48971	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48972	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48973	68107	8	3E-05	3E-01	4E-02	--	--	--	4E-01	4E-02	--	5E-01	--	--	--	5E-02	4E-03	--	5E-02
48974	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48975	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
48976	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
48977	68107	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
48978	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48981	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
48982	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48983	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48984	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48985	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48986	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48987	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48988	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
48989	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48990	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
48991	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48992	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48994	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48996	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
48997	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
48998	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48999	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
49000	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49001	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49002	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49003	68107	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
49006	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49007	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49008	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49009	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49012	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
49013	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49014	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49015	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49016	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49017	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49018	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49019	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49020	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49022	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49023	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49026	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49027	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49030	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49031	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49032	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49033	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49035	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49036	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	9E-04	--	2E-02
49037	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49038	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49040	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49042	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49044	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49046	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49048	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49050	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49052	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49053	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49054	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49055	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49056	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49058	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49059	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49061	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49062	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49063	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49066	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49067	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49068	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49070	68107	8	5E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	7E-04	--	1E-01
49071	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49072	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49074	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49075	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49076	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49077	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49078	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49079	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49081	68107	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
49082	68107	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	5E-02
49083	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49085	68107	7	3E-04	2E+00	2E-01	--	--	--	--	1E-02	--	6E+00	--	--	--	--	1E-03	--	7E-01
49087	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49088	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49091	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49092	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49093	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49095	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49096	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49098	68107	8	1E-04	9E-01	9E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49099	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49100	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49104	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49105	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49106	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49107	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49109	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49111	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49112	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49113	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49114	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49115	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49116	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49117	68107	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
49118	68107	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
49119	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49120	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49121	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49122	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49123	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49124	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49125	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49126	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
49127	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49128	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49131	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49132	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49133	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49134	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49135	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49136	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49137	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49138	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49139	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49165	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49167	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
49172	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49173	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49174	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49184	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49185	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49186	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49193	68107	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49200	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49207	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49208	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	7E-04	--	3E-02
49209	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49216	68107	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
49217	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49218	68107	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
49219	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49220	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49221	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49222	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49223	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49224	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49225	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49226	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49227	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49229	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49230	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49231	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49232	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49233	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49234	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49235	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49236	68107	1	--	2E-03	3E-04	--	--	--	--	2E-03	--	--	--	--	--	--	3E-04	--	--
49239	68107	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-02	--	5E-01	--	--	--	1E-01	5E-03	--	5E-02
49240	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49245	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49249	68107	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	8E-02
49250	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49251	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49252	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49368	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49369	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49371	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
49372	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49375	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49377	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49378	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49379	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49380	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49382	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49383	68107	7	1E-04	8E-01	9E-02	--	--	--	--	8E-03	--	2E+00	--	--	--	--	9E-04	--	2E-01
49385	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49386	68107	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49387	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49388	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49389	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49390	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49391	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49392	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49393	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49394	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49395	68107	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
49396	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49397	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49398	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49400	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49401	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49402	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49403	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49404	68107	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
49405	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49406	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49408	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49410	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49411	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49412	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49413	68107	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
49414	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49416	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49417	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49418	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49419	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49420	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49421	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49425	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49428	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49429	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49430	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49432	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49433	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49434	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49435	68107	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	4E-01	--	--	--	4E-02	6E-04	--	4E-02
49436	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49437	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49438	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49439	68107	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	8E-04	--	6E-02
49441	68107	8	9E-06	2E-01	2E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E-04	--	2E-02
49442	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49443	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49444	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	8E-03	--	2E-01	--	--	--	4E-02	8E-04	--	2E-02
49445	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49446	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49447	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49448	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49449	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49450	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49452	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49453	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49455	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49456	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49457	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49460	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49461	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49462	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49463	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49465	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49466	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49467	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49468	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49469	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49470	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49471	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49473	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49474	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49475	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49476	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49482	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50008	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50135	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50136	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50137	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
50138	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50139	68107	8	6E-06	7E-01	8E-02	--	--	--	2E+00	9E-03	--	1E-01	--	--	--	2E-01	1E-03	--	1E-02
50140	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
50141	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
50142	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50143	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50144	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
50153	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50154	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50155	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50156	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50157	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50158	68107	8	7E-05	8E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	8E-04	--	1E-01
50159	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50160	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50161	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50162	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50163	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50164	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50165	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50166	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50167	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50168	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50169	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50170	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50171	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50172	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50173	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50174	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50175	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50176	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50177	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50178	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50179	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50180	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50181	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50182	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50183	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50184	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50185	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
50186	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50187	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50188	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50189	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50190	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50191	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
50192	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
50193	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
50194	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50195	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50196	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50197	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50198	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50199	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50200	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50201	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50202	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50203	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50204	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50205	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50206	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50207	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50208	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50209	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50210	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50211	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50212	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50213	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50214	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	3E-01	--	--	--	1E-01	6E-04	--	4E-02
50215	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50216	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50217	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50218	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50219	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50220	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50221	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50222	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50223	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50224	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50225	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50226	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50227	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50228	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50229	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50230	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50231	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50232	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50233	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50234	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50235	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50236	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50237	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50238	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50239	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50240	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50241	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50242	68107	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
50243	68107	8	1E-05	4E-01	5E-02	--	--	--	1E+00	9E-03	--	2E-01	--	--	--	1E-01	9E-04	--	2E-02
50244	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50245	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50246	68107	8	9E-06	4E-01	5E-02	--	--	--	1E+00	8E-03	--	2E-01	--	--	--	1E-01	9E-04	--	2E-02
50247	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50248	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50249	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	4E-02
50250	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50251	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50262	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50263	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50264	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50265	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50266	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50267	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50268	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50269	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50270	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50271	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50272	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50273	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50274	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50275	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50276	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
50277	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50278	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50279	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50280	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50281	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50282	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50283	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50284	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
50285	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50286	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
50287	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50288	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50289	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50290	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50291	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50292	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02
50293	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	3E-02
50294	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
50295	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50296	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50297	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50298	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50299	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
50300	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
50301	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50302	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50303	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50304	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50305	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50306	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50307	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50308	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50309	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50310	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50311	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50312	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50313	68107	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	9E-04	--	3E-02
50314	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50315	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50316	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50317	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50318	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50319	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50320	68107	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50321	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50322	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50323	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50324	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50325	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
50326	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
50327	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50328	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50329	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50330	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50331	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50332	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50333	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50334	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50335	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	9E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
50336	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50337	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50338	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50339	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50340	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50341	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50342	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50343	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50344	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50345	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50346	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50347	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50348	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50349	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50350	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50351	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50352	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50353	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50354	68107	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50357	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50358	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50359	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
50360	68107	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
50361	68107	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
50362	68107	8	1E-05	4E-01	5E-02	--	--	--	1E+00	9E-03	--	2E-01	--	--	--	1E-01	9E-04	--	3E-02
50365	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50373	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50374	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50385	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50386	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50387	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50388	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50389	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50420	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50535	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50537	68107	8	1E-05	2E-01	2E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
50548	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50552	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50587	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50588	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50630	68107	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50631	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52248	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52415	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52418	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
57178	68107	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
62354	68107	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
64027	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
64253	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
70328	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
73069	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
75136	68107	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
75137	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
76891	68107	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
78415	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
82242	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
82245	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
87461	68107	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
87462	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
87944	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
88137	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
88138	68107	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
89358	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
89377	68107	8	7E-06	5E-01	5E-02	--	--	--	1E+00	5E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02
89384	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
89408	68107	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
89692	68107	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
90259	68107	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
90316	68107	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90332	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90517	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90518	68107	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
90897	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
91079	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91080	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93231	68107	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
93312	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93331	68107	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93495	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93519	68107	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
9	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
11	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
17	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
46	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
48	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
54	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
55	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
65	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
66	68108	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
68	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
86	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
89	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
91	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
96	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
100	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
101	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
102	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
103	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
104	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
105	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
108	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
109	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
110	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
111	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
112	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
119	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
122	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
124	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
126	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
129	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
130	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
131	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
132	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
133	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
134	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
135	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
136	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
138	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
139	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
140	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
143	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
145	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
148	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
150	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
151	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
156	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
158	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
162	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
166	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
167	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
172	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
175	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
176	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
177	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
179	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
183	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
185	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
187	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
190	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
205	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
207	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
216	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
229	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
257	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
258	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
260	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
262	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
263	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
264	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
265	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
267	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
269	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
271	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
273	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
274	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
275	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
278	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
279	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
280	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
281	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
284	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
286	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
287	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
288	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
298	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
327	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
328	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
330	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
331	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
338	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
343	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
344	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
347	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
351	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
355	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
356	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
359	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
362	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
366	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
372	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
375	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
377	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
380	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
381	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
384	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
394	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
455	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
490	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
493	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
501	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
505	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
511	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
513	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
521	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
523	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
524	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
525	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
526	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
531	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
536	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
545	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
549	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
550	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
556	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
557	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
596	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
601	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
634	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
636	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
649	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
656	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
657	68108	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
700	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
701	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
711	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
723	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
734	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
752	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
759	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
800	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
806	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
812	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
815	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
819	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
870	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
897	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
933	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
989	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
995	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1004	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1171	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1250	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1387	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1391	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1395	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1398	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1508	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1513	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1514	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1522	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1523	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1525	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1526	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1527	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
1529	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1556	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1557	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
1558	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1559	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
1561	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1567	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1568	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1569	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1579	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1581	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1582	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1585	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1586	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
1588	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1589	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1591	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1601	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
1613	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1620	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2042	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2044	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2048	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2049	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2170	68108	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	7E-03	3E-01	4E-01	3E-02	--	3E-02	1E-01	8E-04	3E-02	4E-02
2210	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
2228	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
2257	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2295	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2388	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
2471	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2518	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
2519	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
2521	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
2522	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
2527	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
2530	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2531	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
2532	68108	8	2E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	4E+00	--	--	--	1E-01	1E-03	--	4E-01
3005	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3100	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5024	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5048	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5075	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5078	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5080	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5081	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5084	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5087	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5088	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5093	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
5225	68108	13	3E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	6E-02	4E-01	6E-01	4E-02	--	4E-02	1E-01	7E-03	4E-02	7E-02
5226	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5227	68108	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	3E-01	4E-01	3E-02	--	4E-02	1E-01	1E-03	4E-02	5E-02
5229	68108	13	2E-05	7E-01	8E-02	2E-01	--	2E-01	1E+00	1E-02	3E-01	3E-01	3E-02	--	3E-02	1E-01	1E-03	3E-02	3E-02
5284	68108	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	2E-02	4E-01	4E-01	3E-02	--	3E-02	1E-01	3E-03	4E-02	4E-02
5300	68108	13	3E-05	1E+00	1E-01	4E-01	--	8E-01	1E+00	8E-03	4E-01	6E-01	4E-02	--	9E-02	1E-01	8E-04	4E-02	7E-02
5301	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5302	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5303	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5304	68108	13	2E-05	9E-01	9E-02	3E-01	--	4E-01	1E+00	2E-02	3E-01	4E-01	3E-02	--	4E-02	1E-01	2E-03	4E-02	5E-02
5305	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5306	68108	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	3E-01	3E-01	3E-02	--	3E-02	1E-01	2E-03	3E-02	3E-02
5307	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5321	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5323	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5324	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5332	68108	13	3E-05	5E-01	5E-02	2E-01	--	2E-01	2E-01	2E-02	3E-01	5E-01	2E-02	--	2E-02	2E-02	2E-03	3E-02	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5385	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5386	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5387	68108	13	4E-05	7E-01	7E-02	3E-01	--	3E-01	2E-01	1E-02	4E-01	7E-01	3E-02	--	3E-02	2E-02	1E-03	4E-02	8E-02
5390	68108	13	4E-05	7E-01	8E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	7E-01	3E-02	--	3E-02	3E-02	1E-03	4E-02	8E-02
5391	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5392	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5393	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5394	68108	13	4E-05	8E-01	9E-02	3E-01	--	4E-01	4E-01	3E-02	4E-01	7E-01	3E-02	--	4E-02	5E-02	4E-03	5E-02	7E-02
5395	68108	13	5E-05	8E-01	9E-02	3E-01	--	3E-01	4E-01	2E-02	3E-01	9E-01	3E-02	--	4E-02	5E-02	2E-03	4E-02	1E-01
5396	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5397	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5398	68108	13	5E-05	1E+00	1E-01	3E-01	--	4E-01	5E-01	2E-02	5E-01	9E-01	4E-02	--	5E-02	5E-02	2E-03	6E-02	1E-01
5399	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5400	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5401	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5402	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5403	68108	13	4E-05	8E-01	8E-02	3E-01	--	3E-01	4E-01	1E-02	4E-01	8E-01	3E-02	--	3E-02	4E-02	2E-03	4E-02	9E-02
5404	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5405	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5407	68108	13	3E-05	6E-01	7E-02	2E-01	--	3E-01	3E-01	1E-02	3E-01	6E-01	3E-02	--	3E-02	3E-02	2E-03	3E-02	7E-02
5408	68108	13	1E-04	1E+00	2E-01	3E-01	--	4E-01	6E-01	2E-02	5E-01	3E+00	3E-02	--	4E-02	6E-02	2E-03	5E-02	3E-01
5409	68108	13	9E-06	2E-01	3E-02	1E-01	--	1E-01	8E-02	1E-02	2E-01	2E-01	2E-02	--	1E-02	9E-03	1E-03	2E-02	2E-02
5410	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5411	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5412	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5413	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5415	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5416	68108	13	7E-05	9E-01	9E-02	3E-01	--	4E-01	2E-01	1E-02	4E-01	1E+00	3E-02	--	4E-02	2E-02	1E-03	5E-02	1E-01
5417	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5418	68108	13	4E-05	7E-01	8E-02	3E-01	--	3E-01	3E-01	9E-03	4E-01	7E-01	3E-02	--	3E-02	3E-02	1E-03	4E-02	8E-02
5422	68108	13	4E-05	7E-01	7E-02	2E-01	--	3E-01	3E-01	2E-02	3E-01	7E-01	3E-02	--	3E-02	3E-02	2E-03	4E-02	7E-02
5423	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5425	68108	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	4E-01	2E-02	3E-01	2E+00	3E-02	--	3E-02	4E-02	2E-03	4E-02	2E-01
5426	68108	13	3E-05	6E-01	7E-02	3E-01	--	3E-01	2E-01	5E-03	4E-01	5E-01	3E-02	--	3E-02	2E-02	5E-04	4E-02	6E-02
5427	68108	13	4E-05	8E-01	8E-02	3E-01	--	3E-01	3E-01	2E-02	4E-01	7E-01	4E-02	--	4E-02	3E-02	2E-03	5E-02	8E-02
5428	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5429	68108	13	3E-05	7E-01	8E-02	3E-01	--	3E-01	4E-01	6E-03	4E-01	6E-01	3E-02	--	3E-02	5E-02	7E-04	4E-02	6E-02
5430	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5431	68108	13	5E-05	8E-01	8E-02	3E-01	--	4E-01	3E-01	2E-02	3E-01	9E-01	3E-02	--	4E-02	3E-02	2E-03	3E-02	9E-02
5432	68108	13	5E-05	8E-01	9E-02	3E-01	--	3E-01	3E-01	3E-02	4E-01	9E-01	3E-02	--	4E-02	4E-02	3E-03	4E-02	1E-01
5433	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5434	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5435	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5436	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5437	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5438	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5439	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5440	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5443	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5445	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5446	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5447	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5449	68108	13	5E-05	8E-01	8E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	9E-01	3E-02	--	4E-02	3E-02	1E-03	4E-02	1E-01
5450	68108	13	5E-05	9E-01	1E-01	3E-01	--	3E-01	7E-01	1E-02	4E-01	8E-01	3E-02	--	4E-02	8E-02	1E-03	5E-02	9E-02
5451	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5452	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
5454	68108	13	3E-05	5E-01	6E-02	2E-01	--	2E-01	2E-01	9E-03	3E-01	5E-01	2E-02	--	3E-02	2E-02	1E-03	3E-02	6E-02
5455	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5457	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5458	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5459	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5460	68108	13	3E-05	6E-01	6E-02	2E-01	--	3E-01	2E-01	7E-03	4E-01	5E-01	3E-02	--	3E-02	2E-02	8E-04	4E-02	5E-02
5461	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5462	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5463	68108	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	2E-01	1E-02	4E-01	6E-01	3E-02	--	3E-02	2E-02	1E-03	4E-02	6E-02
5466	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5467	68108	13	6E-05	9E-01	1E-01	3E-01	--	4E-01	3E-01	9E-03	4E-01	1E+00	3E-02	--	5E-02	4E-02	1E-03	4E-02	1E-01
5468	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5469	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5470	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5471	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5472	68108	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	5E-01	3E-02	--	3E-02	4E-02	1E-03	4E-02	5E-02
5473	68108	13	3E-05	8E-01	8E-02	3E-01	--	4E-01	4E-01	2E-02	4E-01	5E-01	3E-02	--	4E-02	4E-02	2E-03	5E-02	6E-02
5474	68108	13	4E-05	8E-01	9E-02	3E-01	--	4E-01	5E-01	2E-02	4E-01	7E-01	4E-02	--	4E-02	5E-02	2E-03	4E-02	7E-02
5476	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5477	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5480	68108	13	4E-05	7E-01	8E-02	3E-01	--	3E-01	3E-01	2E-02	3E-01	7E-01	3E-02	--	4E-02	3E-02	2E-03	4E-02	8E-02
5481	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5482	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5483	68108	13	3E-05	6E-01	7E-02	2E-01	--	3E-01	3E-01	1E-02	3E-01	6E-01	3E-02	--	3E-02	3E-02	1E-03	4E-02	6E-02
5484	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5485	68108	13	4E-05	7E-01	7E-02	3E-01	--	3E-01	2E-01	2E-02	4E-01	8E-01	3E-02	--	3E-02	2E-02	2E-03	4E-02	9E-02
5491	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5492	68108	13	5E-05	8E-01	9E-02	3E-01	--	3E-01	4E-01	2E-02	3E-01	9E-01	3E-02	--	4E-02	4E-02	3E-03	4E-02	1E-01
5500	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5502	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5504	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5505	68108	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	1E-02	3E-01	6E-01	3E-02	--	4E-02	3E-02	1E-03	4E-02	7E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5510	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5511	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5512	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5571	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5572	68108	13	5E-05	8E-01	8E-02	3E-01	--	3E-01	3E-01	1E-02	3E-01	9E-01	3E-02	--	3E-02	3E-02	1E-03	4E-02	1E-01
5573	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5574	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5583	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5587	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5588	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5589	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5591	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5603	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5605	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5606	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5607	68108	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	4E-01	1E-02	4E-01	5E-01	3E-02	--	4E-02	4E-02	1E-03	4E-02	5E-02
5608	68108	13	3E-05	8E-01	9E-02	3E-01	--	4E-01	6E-01	1E-02	4E-01	6E-01	3E-02	--	4E-02	6E-02	1E-03	5E-02	7E-02
5609	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5623	68108	13	3E-05	8E-01	8E-02	3E-01	--	5E-01	4E-01	1E-02	5E-01	5E-01	4E-02	--	5E-02	4E-02	1E-03	5E-02	6E-02
5628	68108	13	4E-05	7E-01	7E-02	3E-01	--	4E-01	2E-01	1E-02	4E-01	6E-01	4E-02	--	4E-02	2E-02	1E-03	5E-02	7E-02
5630	68108	13	5E-05	8E-01	8E-02	3E-01	--	4E-01	2E-01	2E-02	3E-01	9E-01	3E-02	--	4E-02	3E-02	2E-03	4E-02	1E-01
5633	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5634	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5636	68108	13	6E-05	1E+00	1E-01	3E-01	--	4E-01	7E-01	4E-02	4E-01	1E+00	3E-02	--	5E-02	7E-02	4E-03	4E-02	1E-01
5637	68108	13	3E-05	6E-01	6E-02	3E-01	--	3E-01	2E-01	2E-02	4E-01	5E-01	3E-02	--	3E-02	2E-02	2E-03	4E-02	6E-02
5638	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5652	68108	13	4E-05	7E-01	7E-02	2E-01	--	3E-01	3E-01	2E-02	3E-01	7E-01	3E-02	--	3E-02	3E-02	2E-03	3E-02	8E-02
5653	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5656	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5657	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5658	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5659	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5660	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
5663	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5664	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5672	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5673	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5674	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5682	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5683	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5693	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5694	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5695	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12734	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12745	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12758	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12773	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12782	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12795	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12806	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12808	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12816	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
12822	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12824	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12828	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12832	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12842	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12859	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
12880	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12882	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
12887	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12889	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
12892	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12895	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12896	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12899	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12904	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12917	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12918	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12919	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12922	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12924	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
12925	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12926	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
12931	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
12933	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12937	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
12938	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12939	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12940	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12942	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12947	68108	8	3E-05	5E-01	5E-02	--	--	--	7E-01	1E-02	--	6E-01	--	--	--	8E-02	1E-03	--	6E-02
12953	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12956	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12957	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
12960	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
12977	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
12980	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
12986	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13000	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13002	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13007	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13008	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13011	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13014	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13019	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13020	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13029	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13031	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13041	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13046	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13047	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13049	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13058	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13061	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13067	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13071	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13079	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
13082	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13090	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13094	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13097	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13099	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13101	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
13102	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	7E-02
13103	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13105	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13108	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13109	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13113	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13115	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13116	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13117	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13118	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13119	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13120	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13123	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13126	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
13127	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13130	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13131	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13132	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13133	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13134	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13135	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13136	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13138	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13139	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13140	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13141	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13142	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13143	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13144	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13145	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13146	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13148	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13149	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13152	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13153	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13154	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13155	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13156	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13157	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13159	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13164	68108	8	1E-04	1E+00	1E-01	--	--	--	1E+00	3E-02	--	2E+00	--	--	--	1E-01	3E-03	--	2E-01
13169	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13171	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13174	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13184	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
13186	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13188	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13189	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
13195	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13196	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13199	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13205	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
13206	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13210	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13213	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13214	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13217	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13218	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13220	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13222	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13224	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13225	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13227	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13232	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13233	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13239	68108	7	7E-05	6E-01	6E-02	--	--	--	--	1E-02	--	1E+00	--	--	--	--	1E-03	--	1E-01
13241	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
13242	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13246	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13247	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13253	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13254	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13258	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13260	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13267	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
13275	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13276	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13277	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13278	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13286	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13289	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13291	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13292	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13293	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13296	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13300	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
13304	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13308	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13311	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13314	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13316	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13328	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13329	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13330	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13333	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
13335	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13337	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13339	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13341	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13346	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13349	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
13353	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
13362	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13368	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13371	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13378	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13380	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13385	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13390	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13393	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13396	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13406	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13408	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13411	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13413	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13414	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
13415	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13416	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13418	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13419	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13422	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13424	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13427	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13428	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13431	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13434	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13436	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
13440	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13445	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13449	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13451	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13454	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13466	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13478	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13481	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13485	68108	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
13486	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13488	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13499	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13502	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13503	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13510	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13518	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13519	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13520	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
13521	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
13527	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13529	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
13530	68108	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	9E-04	--	6E-02
13536	68108	7	2E-04	2E+00	2E-01	--	--	--	--	2E-02	--	4E+00	--	--	--	--	2E-03	--	5E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13539	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13546	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13550	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13553	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13556	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13557	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13560	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13565	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
13569	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13570	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13574	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13575	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
13582	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13589	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13591	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13595	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13596	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13608	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13610	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13615	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13618	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13622	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13631	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
13640	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13641	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13644	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
13645	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
13651	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13652	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13653	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13661	68108	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
13662	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
13666	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13672	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13674	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
13675	68108	8	6E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
13676	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13677	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
13679	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13681	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13682	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13685	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13691	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13698	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13699	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13709	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13710	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13760	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
13764	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13766	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
13767	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13770	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13771	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13773	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
13774	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13775	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13776	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13786	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13787	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13795	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	4E-03	--	8E-02
13798	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13809	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
13810	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13829	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13832	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13836	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
13841	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13847	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13848	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13854	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
13860	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13868	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13870	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13873	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13876	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13878	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13885	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13887	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13888	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13892	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13894	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13895	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13903	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13920	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
13923	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13924	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13926	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13931	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
13933	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13936	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
13938	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13939	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13941	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
13950	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13953	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13954	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13958	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13960	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13962	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
13963	68108	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
13965	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13969	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13983	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
13990	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
13992	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
13996	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
13998	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14008	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
14011	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14020	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14022	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14028	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14037	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14038	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14043	68108	8	3E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
14048	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14051	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14056	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14057	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14065	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14072	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14076	68108	8	9E-06	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
14079	68108	8	2E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
14081	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14083	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14084	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14086	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14087	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14089	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14095	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14096	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14106	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14110	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14111	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14112	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14113	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14123	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14128	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14130	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
14134	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14135	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14140	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
14141	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14147	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14151	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14153	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14173	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14174	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14186	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14192	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14202	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14203	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
14204	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14205	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14209	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14210	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14217	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14218	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14220	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14230	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14231	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14232	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14246	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14251	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14258	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14269	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14270	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
14272	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14274	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14279	68108	7	2E-05	2E-01	2E-02	--	--	--	--	4E-03	--	3E-01	--	--	--	--	5E-04	--	3E-02
14284	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
14285	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14287	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14290	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
14306	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14309	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14313	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14315	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
14316	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14321	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14327	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14328	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14331	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14333	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14335	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14343	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14345	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14349	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14351	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14354	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14357	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14358	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14360	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14366	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14369	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14370	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14372	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14379	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14389	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14391	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14401	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14414	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14418	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14421	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14433	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14438	68108	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
14440	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14442	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14444	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14445	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14449	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
14455	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14458	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14461	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14466	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14468	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14474	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14476	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14480	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14481	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14486	68108	8	6E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	8E-04	--	1E-01
14488	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14490	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14491	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14493	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14494	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14496	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14497	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
14501	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14503	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14518	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14519	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14521	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14527	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14529	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14530	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14537	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
14540	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14545	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
14555	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14558	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14562	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14563	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14569	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
14570	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14571	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14573	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14574	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14576	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
14578	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
14579	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
14580	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14582	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14585	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
14586	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14600	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14607	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14610	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14613	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14616	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14617	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	5E-02
14621	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14622	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14623	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14630	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14637	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14638	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14639	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14642	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
14643	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14660	68108	7	4E-05	4E-01	4E-02	--	--	--	--	1E-02	--	7E-01	--	--	--	--	2E-03	--	8E-02
14663	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14665	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14669	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14670	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14671	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14673	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14674	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14675	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14676	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14683	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
14684	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14685	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14692	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	3E-03	--	7E-02
14697	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
14700	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14701	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14710	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14713	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14715	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14716	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14720	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
14728	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14729	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
14732	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14736	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14742	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14745	68108	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
14747	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14748	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14754	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
14770	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14771	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
14773	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
14782	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14785	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14786	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14789	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14795	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14796	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
14800	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14803	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14804	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14807	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14808	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14815	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14816	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14818	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
14825	68108	8	3E-05	4E-01	4E-02	--	--	--	4E-01	6E-02	--	6E-01	--	--	--	4E-02	6E-03	--	6E-02
14827	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14830	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14831	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14832	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14835	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14839	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14841	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14847	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14848	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14849	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
14850	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14851	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14853	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14855	68108	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
14856	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14859	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14862	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14867	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14868	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14870	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14871	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14878	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
14879	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14888	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14890	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14891	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14894	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14895	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14901	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14902	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
14903	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14904	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14907	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
14911	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14912	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14914	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	4E-03	--	8E-02
14925	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14931	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14932	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
14933	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14935	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
14940	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14941	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14944	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14946	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14947	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14953	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
14960	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
14961	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14963	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
14968	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14973	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14977	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14983	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14987	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14989	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
14996	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
14997	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
14998	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-02	--	6E-01	--	--	--	1E-01	6E-03	--	6E-02
15001	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
15002	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15005	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15007	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15021	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15023	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15026	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15030	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15034	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15039	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15046	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15049	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15051	68108	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
15053	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
15055	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15061	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15062	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15067	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15069	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15070	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15073	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15075	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15081	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15085	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15087	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15093	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15098	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15103	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15107	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15112	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15115	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15116	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
15117	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15118	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15120	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15127	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15135	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	9E-02	--	6E-01	--	--	--	4E-02	1E-02	--	7E-02
15138	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15140	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15143	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15146	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15147	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15148	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15151	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15152	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15156	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15165	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15174	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15176	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15185	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15186	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15187	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15188	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15195	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15196	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15201	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15204	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15205	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15207	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15209	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15212	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15214	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15224	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15226	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15228	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15235	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15242	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15243	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15248	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	4E-03	--	5E-01	--	--	--	1E-01	5E-04	--	5E-02
15251	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15254	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15256	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	3E-01	--	--	--	4E-02	3E-03	--	3E-02
15259	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15266	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
15270	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15272	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15273	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15276	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15281	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15289	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15296	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15304	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15312	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15322	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15324	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15326	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15327	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15328	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15330	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15337	68108	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
15339	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15353	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15356	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15359	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15364	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15368	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
15381	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15383	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15387	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15391	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15396	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15401	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15403	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15404	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15405	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15408	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15411	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15412	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15413	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15414	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15415	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15418	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15419	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15420	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15422	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15423	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15424	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15425	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15428	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15429	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15431	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15432	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
15435	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15437	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15439	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15441	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15443	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
15446	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15448	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15451	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15458	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15459	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15465	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15468	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
15469	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15471	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15472	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15475	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15478	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15479	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
15481	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15482	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15483	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15488	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15490	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15491	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15502	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15505	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
15506	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15530	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15533	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15535	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15538	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15539	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15546	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15549	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15552	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15553	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15555	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15558	68108	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
15559	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15563	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15567	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
15570	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15572	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15579	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15580	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15582	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15583	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15584	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15585	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15588	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15589	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15592	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15594	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15596	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15597	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15598	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15600	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15601	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
15603	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
15606	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15610	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15614	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15615	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15616	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15617	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15618	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15619	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15624	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15625	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15628	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15630	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15632	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15635	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15643	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15646	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15649	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15650	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15652	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15656	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15658	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15662	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15672	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15674	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15675	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15679	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15680	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15683	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15687	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
15689	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15692	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15699	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
15703	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15704	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
15706	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15707	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15710	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15711	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15714	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15719	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15720	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15725	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15726	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15727	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15734	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15739	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15740	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15742	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15747	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15748	68108	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
15750	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15759	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15760	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15762	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
15763	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15764	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15766	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15768	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	5E-02	1E-03	--	5E-02
15772	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15773	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15775	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15777	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15785	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15787	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
15788	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15790	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15791	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15793	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15794	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15795	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15796	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15799	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15800	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15807	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15809	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15813	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15814	68108	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
15817	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15819	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15822	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15826	68108	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
15827	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
15828	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15830	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15833	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15837	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15841	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15844	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15845	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15847	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15850	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15851	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15852	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
15853	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15854	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15855	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15857	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15859	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15861	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15865	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15866	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15869	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15874	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15876	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15877	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15878	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15881	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
15883	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15885	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15887	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15888	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
15893	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15895	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15902	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
15903	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15906	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15913	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15915	68108	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	7E-02
15917	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
15919	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
15920	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
15923	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15927	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15929	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15930	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15931	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15934	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15939	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
15941	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15942	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15946	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15947	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15948	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15954	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15955	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
15961	68108	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
15963	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
15965	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15966	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	5E-02	2E-03	--	5E-02
15971	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
15972	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
15973	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15974	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15977	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
15980	68108	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
15982	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15983	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
15984	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15987	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
15989	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
15990	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
15993	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15995	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
15998	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16001	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16003	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
16005	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16006	68108	8	5E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
16011	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16012	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16013	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16021	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16024	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16025	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16028	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16029	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16030	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16032	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16033	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16036	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16039	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16040	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16041	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16042	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16043	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16046	68108	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
16050	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16051	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16075	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16077	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16079	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16080	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16086	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16097	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
16100	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16101	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16104	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16105	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16106	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16107	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16117	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16120	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16126	68108	8	2E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
16128	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16133	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16135	68108	8	2E-05	2E-01	2E-02	--	--	--	3E-01	3E-02	--	3E-01	--	--	--	3E-02	3E-03	--	3E-02
16137	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
16138	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16143	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16145	68108	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E-04	--	3E-02
16153	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16156	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
16157	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16162	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16163	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16164	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16165	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16170	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16175	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16177	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16187	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16190	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16192	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16194	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16197	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16200	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16201	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16203	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16204	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16205	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16207	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16208	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16214	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16215	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16217	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16218	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16222	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16225	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16226	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16239	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
16245	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16251	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16252	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16253	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16254	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16256	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16258	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16259	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16260	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16261	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
16262	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16266	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16267	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
16273	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16277	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16279	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16280	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16282	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16284	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16285	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16288	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16291	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16294	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16299	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16300	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16305	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16307	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16310	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16311	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16313	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16316	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16319	68108	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
16320	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16322	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16323	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16328	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16330	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16338	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16339	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16340	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16341	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16344	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
16348	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16349	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
16353	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16354	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16360	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16361	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16362	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16366	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16367	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16369	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16373	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16374	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16376	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16377	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16379	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16383	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16386	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16388	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16401	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16403	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16404	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16405	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16407	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16409	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16410	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16414	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16416	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16419	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16423	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16425	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16431	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16433	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16435	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16441	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16442	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16446	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
16448	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16452	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16455	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16457	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16460	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16468	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16470	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16474	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16476	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16482	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16483	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16489	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16497	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16498	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16502	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16504	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16508	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16510	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16512	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16514	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
16515	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16517	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16520	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16521	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16522	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16525	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16526	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16527	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16529	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16530	68108	8	2E-04	2E+00	2E-01	--	--	--	1E+00	1E-01	--	3E+00	--	--	--	1E-01	2E-02	--	4E-01
16531	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16532	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16536	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16538	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16539	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16542	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16547	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16548	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16549	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16551	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16552	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16554	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16556	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
16558	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16560	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16561	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16567	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16577	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16579	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16581	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
16582	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16583	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16584	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16586	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
16588	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16590	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16592	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16593	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16594	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16595	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
16596	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16599	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
16603	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16604	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16606	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16608	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16610	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16612	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16616	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16617	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16620	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16625	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16626	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16627	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16629	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16632	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16633	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16635	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16636	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16637	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16640	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16644	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16645	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16648	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16652	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16653	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16655	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16663	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16664	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16665	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16666	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16667	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16670	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16672	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16673	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16674	68108	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
16676	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16677	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16682	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16683	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16685	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16686	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16687	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16693	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16695	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16701	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16702	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
16705	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16711	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
16712	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16718	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16720	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16724	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16730	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16733	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16735	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16746	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16756	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
16767	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16768	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
16769	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16770	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
16771	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16774	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16776	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16778	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16780	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16782	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16786	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16787	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16789	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16790	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16795	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16796	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
16797	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16804	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16805	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16809	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16813	68108	7	6E-05	5E-01	5E-02	--	--	--	--	2E-02	--	1E+00	--	--	--	--	2E-03	--	1E-01
16819	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
16822	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16823	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16833	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16834	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16837	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16845	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16846	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16847	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16848	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16852	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16853	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16854	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
16855	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16856	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
16857	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
16863	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16864	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16868	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16870	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16872	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16873	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16878	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16879	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16883	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16886	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16894	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
16897	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16898	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16899	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16902	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16905	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
16908	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16909	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16910	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16912	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16914	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16915	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16935	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16948	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16951	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16952	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16955	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16964	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16966	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
16968	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
16969	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16972	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
16973	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
16979	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
16981	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16987	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16988	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16989	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
16991	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16993	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
16999	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17003	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17004	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	4E-03	--	7E-02
17005	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
17008	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17009	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17017	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17018	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17022	68108	8	5E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	4E-03	--	9E-02
17024	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17026	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17027	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17029	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17031	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17033	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17035	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17036	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17037	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17038	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17045	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17046	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17048	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17049	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17050	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17054	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17056	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17060	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17062	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17066	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17068	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17070	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17073	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17075	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17078	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17079	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17080	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17083	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17087	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17092	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17093	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17094	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17098	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17101	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17103	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17111	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17112	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17120	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17121	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17125	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17126	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17131	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17137	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17139	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17141	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17146	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17147	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17148	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17152	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17156	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17157	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17159	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17164	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17170	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17173	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17180	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17188	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17200	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17204	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17205	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17206	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17210	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17212	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17218	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
17225	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17230	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17232	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17233	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17239	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17242	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-01	--	3E-01	--	--	--	1E-01	1E-02	--	4E-02
17245	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17246	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17247	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17251	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17253	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17260	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17263	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17264	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17265	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17268	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17273	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17280	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17282	68108	8	6E-05	8E-01	9E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	7E-04	--	1E-01
17289	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17291	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17297	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17299	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17301	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17308	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17311	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17316	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
17320	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17321	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17323	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
17324	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17333	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17335	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
17338	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17339	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17343	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17347	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17349	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
17353	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17356	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17360	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	6E-02
17361	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17365	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17369	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17372	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17373	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17377	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17378	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17381	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17383	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17385	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17388	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17389	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17395	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17397	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17400	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17401	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17402	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17403	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17405	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17408	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17410	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17411	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17412	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17414	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
17416	68108	8	4E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
17417	68108	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	3E-03	--	9E-02
17418	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	4E-03	--	6E-02
17420	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17422	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17424	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17431	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17435	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17439	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17440	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17444	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17446	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17447	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17450	68108	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
17451	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17455	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17460	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17461	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
17467	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17470	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17474	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
17478	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17479	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17481	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
17483	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17488	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17490	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17492	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17494	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17496	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17498	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
17507	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17508	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17509	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17510	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17512	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17514	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17515	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17517	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17524	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17527	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17528	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17529	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17536	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17538	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17545	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17547	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17548	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17549	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
17550	68108	8	1E-05	4E-01	5E-02	--	--	--	1E+00	6E-03	--	2E-01	--	--	--	1E-01	7E-04	--	3E-02
17553	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17554	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17555	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17556	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17558	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17563	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17564	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17565	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17567	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17577	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17579	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17580	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17581	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17582	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17585	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17586	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17593	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17595	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17596	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17599	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17603	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17607	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17617	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17620	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17622	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17623	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17626	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17630	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17631	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
17635	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17637	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17639	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17641	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17643	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17646	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17650	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17652	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17657	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17658	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17659	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17663	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17664	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17665	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
17666	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17670	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17671	68108	8	1E-05	2E-01	2E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
17674	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17679	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
17689	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17693	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17698	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
17699	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
17700	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
17701	68108	8	5E-04	3E+00	4E-01	--	--	--	1E+00	2E-02	--	9E+00	--	--	--	1E-01	2E-03	--	1E+00
17703	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	4E-02	--	4E-01	--	--	--	4E-02	5E-03	--	5E-02
17705	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
17707	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17708	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17710	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17711	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
17714	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17715	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17716	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17721	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17726	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17730	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17732	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
17740	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17742	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17744	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17751	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17754	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17755	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17759	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17760	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17761	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17766	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17771	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17772	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17774	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17775	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17776	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
17778	68108	8	9E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
17782	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17784	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17787	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17792	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17793	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17797	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17799	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17801	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17804	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17810	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17811	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17813	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17815	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
17818	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
17819	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17823	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17828	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17829	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17830	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17832	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17834	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17836	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17840	68108	7	4E-05	4E-01	4E-02	--	--	--	--	3E-02	--	8E-01	--	--	--	--	3E-03	--	9E-02
17843	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17849	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
17851	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17852	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17857	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17858	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
17859	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17861	68108	8	9E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17862	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17864	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
17865	68108	8	3E-05	3E-01	4E-02	--	--	--	3E-01	2E-02	--	6E-01	--	--	--	4E-02	3E-03	--	7E-02
17868	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17872	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17874	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17879	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17881	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17882	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17884	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17886	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17891	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
17895	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17896	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17904	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17908	68108	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
17911	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
17912	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
17914	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17915	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17916	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17919	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17922	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17924	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17925	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17931	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17936	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17940	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
17941	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17945	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
17947	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17949	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17953	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17956	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
17958	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17963	68108	8	6E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
17965	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17968	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
17971	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17972	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
17980	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
17981	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
17985	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
17987	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
17989	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18010	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18016	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18022	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18032	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18037	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18038	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18050	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18061	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18063	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18066	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18069	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18070	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18075	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18077	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18079	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18082	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18084	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18087	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18089	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18090	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18091	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18093	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18096	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18098	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18100	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18103	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18106	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18108	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18109	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18111	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18112	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18113	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18115	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18116	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18119	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18123	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18126	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18127	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18129	68108	7	3E-05	3E-01	3E-02	--	--	--	--	3E-02	--	5E-01	--	--	--	--	3E-03	--	6E-02
18130	68108	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
18131	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18135	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18136	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18139	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18140	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18141	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18142	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18146	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18148	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
18149	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
18150	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18154	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18159	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18160	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18163	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18166	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
18168	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18176	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18179	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
18185	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18188	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18191	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18194	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18195	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18196	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18198	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	7E-02
18199	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18202	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18205	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18209	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18211	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18212	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18213	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18215	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18217	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18218	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
18219	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18221	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18222	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
18228	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18231	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18234	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18235	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18238	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18241	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18242	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18244	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18245	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18246	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18249	68108	8	3E-05	7E-01	8E-02	--	--	--	2E+00	2E-02	--	5E-01	--	--	--	2E-01	2E-03	--	6E-02
18253	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18254	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18255	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18257	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18259	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18263	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18264	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18271	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18272	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18276	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18277	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18280	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18282	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18283	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18286	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18288	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18289	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18296	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18305	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18307	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18308	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18309	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18310	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18314	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18315	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18316	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18317	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18318	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
18319	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18322	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18325	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18326	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18327	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18328	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
18330	68108	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
18331	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18339	68108	8	3E-05	3E-01	3E-02	--	--	--	3E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
18340	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18341	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18343	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18345	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18348	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18350	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18357	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18361	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18366	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18373	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18375	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18377	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18379	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18380	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18384	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18385	68108	8	8E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
18386	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18388	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18390	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18391	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18392	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18394	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18397	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18399	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18400	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18404	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18414	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18416	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18420	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18422	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
18423	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18424	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18428	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18430	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18433	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18435	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
18436	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18437	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18438	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
18439	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18440	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18441	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18447	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18448	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18449	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18450	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18451	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18456	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18461	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	5E-02	--	4E-01	--	--	--	4E-02	5E-03	--	5E-02
18467	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18468	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18471	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18475	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18476	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18477	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18483	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18484	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18486	68108	8	3E-05	3E-01	4E-02	--	--	--	3E-01	3E-02	--	6E-01	--	--	--	4E-02	4E-03	--	7E-02
18487	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18488	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18492	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18494	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18497	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18498	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18501	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18502	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18504	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18506	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18509	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18510	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18512	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18515	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18518	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18519	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18521	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18522	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18526	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18530	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18532	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
18533	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18535	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18536	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18537	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18539	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18540	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18541	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18542	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18543	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18547	68108	8	5E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
18549	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18551	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18552	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18554	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18556	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18566	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18567	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18568	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18569	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18571	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18572	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18576	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18579	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18582	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18585	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18594	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
18595	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18597	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
18599	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18603	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18605	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18609	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18611	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18614	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18619	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18622	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18627	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18629	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18631	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18632	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18634	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
18636	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
18638	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18642	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18651	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18658	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18662	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18664	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
18670	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18674	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18675	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18678	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18681	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18682	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18687	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	4E-02	--	8E-01	--	--	--	1E-01	4E-03	--	8E-02
18691	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
18692	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18694	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18696	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18697	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
18698	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18700	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18702	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18703	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18704	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18706	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18707	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18709	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18710	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18711	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18712	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
18716	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18718	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
18720	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18721	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18724	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18725	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18726	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
18731	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18742	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18748	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
18749	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
18751	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18756	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18758	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18760	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18761	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18766	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18768	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18771	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18772	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18774	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18779	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18780	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18781	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18784	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18788	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18793	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18794	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18799	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18800	68108	8	6E-06	5E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18802	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
18803	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18805	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18808	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18809	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18811	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18814	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18816	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
18818	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18819	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18822	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18826	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18832	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18833	68108	8	3E-05	3E-01	4E-02	--	--	--	5E-01	2E-02	--	5E-01	--	--	--	5E-02	2E-03	--	5E-02
18836	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18837	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18838	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18843	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18844	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18845	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
18849	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18851	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18854	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18855	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18860	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18862	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18864	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18872	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18875	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
18879	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18885	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18890	68108	8	9E-05	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
18892	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
18893	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18896	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18899	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18903	68108	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
18914	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18922	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18924	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18933	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
18936	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
18939	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18940	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
18941	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18943	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
18944	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18945	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18946	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18947	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18950	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18953	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18956	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18960	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
18962	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18965	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
18968	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
18972	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18974	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18975	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18976	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18977	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
18978	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
18981	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
18982	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
18984	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
18985	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18988	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
18990	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18991	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
18992	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18994	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
18998	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19002	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19005	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19008	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19011	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19012	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19018	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19019	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19021	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19030	68108	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	5E-02
19033	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19038	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19041	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19044	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19045	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19048	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19054	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19058	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19059	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19063	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19064	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19069	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19071	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19072	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19073	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19074	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19076	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19078	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19079	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19082	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19084	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19085	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
19086	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19088	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19090	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19091	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19093	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19094	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19095	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19096	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19097	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19098	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19099	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19103	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19111	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19115	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19116	68108	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
19117	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19119	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19122	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19125	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19126	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
19130	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19136	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19138	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19140	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19144	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19151	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19153	68108	8	7E-05	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	5E-02	1E-03	--	1E-01
19157	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19159	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19161	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19164	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19170	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19173	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19175	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19179	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19182	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19183	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19187	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19188	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19190	68108	8	9E-05	1E+00	1E-01	--	--	--	1E+00	3E-02	--	2E+00	--	--	--	1E-01	4E-03	--	2E-01
19191	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19193	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19194	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19195	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19197	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19198	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19199	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19201	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19203	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19205	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19206	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19207	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19209	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19210	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19211	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19212	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19214	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19224	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19243	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19244	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19247	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19251	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19254	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19255	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19256	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19258	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19262	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19264	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19268	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19269	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19276	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19277	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19279	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19280	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19281	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19289	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
19290	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19292	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19294	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19299	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19301	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19312	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19313	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19315	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19341	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
19343	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
19347	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19349	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
19351	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19355	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19357	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19362	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19369	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19371	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	5E-02	9E-04	--	4E-02
19373	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
19374	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
19375	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19376	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19379	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19381	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19383	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19385	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19388	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19389	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19390	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19391	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19394	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
19395	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19396	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
19399	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19402	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19404	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19406	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19407	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19411	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19414	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19416	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19417	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
19419	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19426	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19429	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19430	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19440	68108	8	4E-05	4E-01	4E-02	--	--	--	3E-01	2E-02	--	8E-01	--	--	--	3E-02	2E-03	--	9E-02
19444	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
19449	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19450	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19455	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19460	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19464	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19465	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19466	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19467	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19468	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19470	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19472	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19473	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19474	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
19475	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19493	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19498	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
19503	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19506	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19509	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19512	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19513	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19514	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19515	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19519	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19521	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19522	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19526	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19533	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19535	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19545	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19546	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
19549	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19553	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19554	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19557	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19563	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19564	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19565	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19566	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19570	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19571	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19573	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19574	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19579	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19581	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19584	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19586	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19590	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19595	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19597	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19600	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19603	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19617	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19622	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19623	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19624	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
19627	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19628	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19630	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19632	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19633	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19634	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19637	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19640	68108	8	8E-06	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
19643	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19644	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19650	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19651	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19652	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19653	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19654	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19656	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19660	68108	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
19661	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19662	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19665	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19674	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19680	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
19684	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19687	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
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TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19689	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19694	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19698	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19699	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19701	68108	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
19703	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19704	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19707	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19709	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19712	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19713	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19714	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19723	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
19731	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
19732	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19736	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
19748	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19750	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19752	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19754	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19769	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19770	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19774	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
19777	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19778	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19782	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19783	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19788	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19789	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19792	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
19793	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19794	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19798	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19799	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19803	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
19808	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19811	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
19820	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19826	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19828	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
19838	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19850	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19853	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19862	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
19870	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19872	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19874	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19875	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
19880	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19882	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19883	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
19884	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19894	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19898	68108	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
19902	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19904	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
19905	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19906	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19909	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19917	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
19920	68108	8	1E-04	9E-01	1E-01	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	2E-03	--	3E-01
19930	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19933	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19937	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19948	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19949	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
19964	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
19969	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
19980	68108	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
19985	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
19988	68108	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
19991	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
19996	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
19998	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20003	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20004	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20006	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20011	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20013	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
20021	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20037	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20039	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20040	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20043	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20044	68108	8	9E-05	8E-01	9E-02	--	--	--	7E-01	3E-02	--	2E+00	--	--	--	8E-02	3E-03	--	2E-01
20046	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20047	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20051	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20053	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20055	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20060	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20061	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20063	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20068	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20078	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20081	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20083	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20084	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20086	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20087	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20090	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20091	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20100	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20103	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20104	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20109	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20115	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20117	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20122	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20127	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20136	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20137	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	3E-03	--	3E-02
20142	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20144	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20145	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20149	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
20151	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20154	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20158	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20160	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
20165	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20167	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20168	68108	8	8E-05	8E-01	9E-02	--	--	--	1E+00	3E-02	--	1E+00	--	--	--	1E-01	3E-03	--	2E-01
20169	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
20172	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20180	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20182	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20188	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
20189	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20193	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20194	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20195	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20198	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20200	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20201	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20202	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20205	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20210	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20222	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
20225	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20229	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20230	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20231	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20237	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20240	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20242	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20244	68108	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
20252	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20256	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20258	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20264	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20266	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20269	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20274	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20279	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20282	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20283	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20284	68108	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
20285	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
20287	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
20289	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20292	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20294	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20302	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20304	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20308	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20311	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20314	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20318	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20320	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20337	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
20341	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20344	68108	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
20345	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20356	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20357	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20358	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20363	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20367	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
20369	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20370	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20372	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20373	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20381	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20382	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20390	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20395	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20396	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20402	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20412	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20425	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20431	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20432	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20437	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20438	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20439	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20444	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20445	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20451	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20459	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20464	68108	8	3E-05	5E-01	5E-02	--	--	--	8E-01	9E-03	--	5E-01	--	--	--	8E-02	1E-03	--	6E-02
20467	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
20468	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
20476	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20484	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20487	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20489	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20491	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20501	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20502	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20511	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20515	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20516	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20517	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20518	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20524	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20529	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20530	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20538	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20541	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20542	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20543	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20548	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20552	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20558	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20564	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20567	68108	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
20569	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20570	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20571	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20573	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20574	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
20575	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20581	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20582	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20588	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
20589	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20592	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20596	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20608	68108	8	4E-05	4E-01	4E-02	--	--	--	3E-01	4E-02	--	7E-01	--	--	--	4E-02	4E-03	--	8E-02
20617	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20620	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20623	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20627	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20629	68108	8	9E-05	9E-01	1E-01	--	--	--	1E+00	3E-02	--	2E+00	--	--	--	1E-01	3E-03	--	2E-01
20632	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
20633	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
20635	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20638	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20639	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20654	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20658	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
20660	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20664	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20671	68108	8	6E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
20676	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20677	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20689	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20695	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20699	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20719	68108	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
20724	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20729	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20731	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20732	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20734	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20736	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
20738	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20740	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20741	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20742	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20744	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20745	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20746	68108	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
20749	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20750	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20752	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
20755	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20758	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20766	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20771	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20778	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20780	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20782	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20784	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20785	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20786	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20793	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20795	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20799	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20802	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20806	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20808	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20811	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20816	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20818	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
20822	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20827	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20831	68108	8	6E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	3E-03	--	1E-01
20832	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20835	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20846	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20864	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20865	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20866	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
20870	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20875	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20880	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
20881	68108	8	2E-05	4E-01	4E-02	--	--	--	6E-01	3E-02	--	3E-01	--	--	--	7E-02	3E-03	--	4E-02
20891	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20904	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20912	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20918	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20922	68108	8	2E-05	5E-01	5E-02	--	--	--	9E-01	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
20926	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20929	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20938	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
20939	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20940	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20941	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20968	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20972	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20974	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20978	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20979	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
20981	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20982	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20988	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
20989	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20991	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20992	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
20996	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
20998	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21003	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21004	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21006	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21017	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21026	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21030	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21039	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21044	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21063	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21084	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21091	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21103	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
21118	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21121	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
21123	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	7E-04	--	7E-02
21126	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
21127	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21128	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21131	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21134	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21135	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21142	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21145	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21146	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21154	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21155	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21156	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21157	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21161	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21168	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21172	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21175	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21181	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21184	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21188	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21190	68108	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
21197	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21199	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21217	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21224	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21227	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21234	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21235	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21236	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21238	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21240	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21242	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21245	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
21246	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21250	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21253	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21255	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21256	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21284	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21292	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21353	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
21357	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21359	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
21363	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21370	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
21383	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21389	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21392	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21395	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21398	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21400	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21401	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21406	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21407	68108	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
21413	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21416	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
21422	68108	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
21428	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21432	68108	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
21437	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21441	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21442	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21452	68108	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
21456	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21461	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21463	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21502	68108	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
21506	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
21508	68108	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
21510	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21512	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21518	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21526	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21534	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21554	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21556	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21569	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21572	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21573	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21575	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21582	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
21599	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21620	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
21627	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21635	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21642	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21659	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21664	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
21668	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21671	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21717	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21729	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
21732	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21741	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21756	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21765	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21767	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21771	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
21785	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21791	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21792	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21798	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21805	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21830	68108	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
21839	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21846	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21848	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21856	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21863	68108	8	5E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
21876	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
21886	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21897	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21905	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21917	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21920	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21940	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21945	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21947	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
21955	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
21959	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
21972	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
21992	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22003	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22059	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22063	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22066	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22068	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22082	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22086	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22095	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22108	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22111	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22116	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22118	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22126	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
22136	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22166	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22176	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22201	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22203	68108	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	5E-02	2E-03	--	7E-02
22236	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
22256	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22263	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22265	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22282	68108	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	3E-02
22283	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
22294	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22296	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
22304	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22306	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22308	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34290	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
49149	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49254	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49256	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49264	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49265	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49268	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49269	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49270	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
49277	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50449	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50450	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50451	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50452	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50453	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
50454	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50455	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50456	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50457	68108	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50458	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50459	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50460	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50461	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50462	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50463	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50464	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50465	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50466	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50467	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50468	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50469	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50470	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50472	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50486	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50518	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50523	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50524	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
50525	68108	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
50526	68108	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
50529	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50530	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50532	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50562	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50568	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
50577	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50596	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50623	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50624	68108	8	4E-05	5E-01	6E-02	--	--	--	7E-01	5E-02	--	7E-01	--	--	--	8E-02	5E-03	--	7E-02
50651	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50652	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50674	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52419	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
52420	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
62914	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
62915	68108	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
64162	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
64395	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
74005	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
74047	68108	8	7E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
74643	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
75056	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
75057	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
79306	68108	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
84762	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
87492	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
87917	68108	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
87919	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
87989	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	6E-02
87990	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
87999	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
88000	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
88001	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
88002	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
88003	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
88004	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
88005	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
88015	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
88031	68108	8	8E-06	6E-01	6E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	2E-02
88078	68108	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
88959	68108	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
89283	68108	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
89842	68108	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
90091	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90092	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90093	68108	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
90094	68108	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
90096	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90097	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
90529	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90599	68108	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
90600	68108	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
90601	68108	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	3E-01	--	--	--	1E-01	6E-04	--	4E-02
90602	68108	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
91071	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
91096	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91300	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91313	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91531	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
92372	68108	8	5E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
92680	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
93003	68108	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
93004	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93005	68108	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
93006	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
93007	68108	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
93008	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
93009	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93010	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93031	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
93094	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93133	68108	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93152	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
93214	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93455	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93474	68108	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
93475	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93494	68108	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
93496	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93497	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93520	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93521	68108	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93522	68108	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
93579	68108	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
152	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
155	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
165	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
186	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
191	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
192	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
193	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
196	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
198	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
203	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
204	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
206	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
209	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
210	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
211	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
212	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
217	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
226	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
232	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
233	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
234	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
235	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
236	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
238	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
239	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
241	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
242	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
244	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
246	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
248	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
252	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
253	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
289	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
290	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
292	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
294	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
299	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
301	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
302	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
303	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
304	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
306	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
309	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
312	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
313	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
314	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
316	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
317	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
320	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
321	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
322	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
324	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
325	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
326	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
329	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
333	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
334	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
335	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
342	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
345	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
348	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
352	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
358	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
361	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
364	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
365	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
368	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
369	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
370	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
373	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
374	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
376	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
378	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
379	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
382	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
383	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
387	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
390	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
392	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
395	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
396	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
398	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
400	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
403	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
404	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
405	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
407	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
412	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
416	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
419	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
422	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
423	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
424	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
425	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
426	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
430	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
431	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
432	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
433	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
435	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
436	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
437	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
439	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
445	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
446	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
447	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
448	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
450	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
451	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
454	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
456	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
457	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
459	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
461	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
463	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
464	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
466	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
471	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
472	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
475	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
480	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
481	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
482	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
486	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
488	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
489	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
491	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
497	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
499	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
504	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
508	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
509	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
510	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
516	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
517	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
520	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
529	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
538	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
608	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
611	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
619	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
621	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
650	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
721	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
879	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
954	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
969	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1001	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1005	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1027	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1034	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1047	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1050	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1053	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1064	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1070	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
1071	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1077	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1089	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1092	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1094	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1097	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1103	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1107	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1114	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1118	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1121	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1124	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1126	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
1128	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1129	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1130	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1131	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1132	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1199	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1200	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
1205	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1207	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1209	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1233	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1313	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
1319	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1342	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1352	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1369	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1378	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1379	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1449	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1494	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1509	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1511	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2018	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2069	68110	13	3E-05	9E-01	1E-01	4E-01	--	3E-01	1E+00	1E-02	3E-01	5E-01	4E-02	--	4E-02	1E-01	1E-03	4E-02	6E-02
2265	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2280	68110	13	3E-05	6E-01	6E-02	2E-01	--	3E-01	2E-01	2E-02	3E-01	6E-01	2E-02	--	3E-02	2E-02	2E-03	3E-02	6E-02
2354	68110	13	4E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	2E-02	3E-01	7E-01	3E-02	--	3E-02	1E-01	2E-03	4E-02	8E-02
2355	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
2533	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2534	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2539	68110	8	5E-05	5E-01	6E-02	--	--	--	7E-01	1E-02	--	9E-01	--	--	--	7E-02	1E-03	--	9E-02
2541	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2543	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2546	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2547	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3033	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
3108	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3117	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3136	68110	13	5E-05	7E-01	8E-02	3E-01	--	3E-01	2E-01	1E-02	3E-01	1E+00	3E-02	--	3E-02	2E-02	1E-03	4E-02	1E-01
5202	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5203	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5257	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5258	68110	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	8E-03	4E-01	5E-01	3E-02	--	4E-02	1E-01	8E-04	4E-02	5E-02
5388	68110	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	6E-03	4E-01	5E-01	3E-02	--	4E-02	3E-02	7E-04	4E-02	6E-02
5497	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5507	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5520	68110	13	7E-05	1E+00	1E-01	3E-01	--	4E-01	8E-01	2E-02	4E-01	1E+00	4E-02	--	4E-02	8E-02	2E-03	5E-02	1E-01
5521	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5522	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
5523	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5525	68110	13	5E-05	1E+00	1E-01	3E-01	--	4E-01	6E-01	3E-02	4E-01	9E-01	3E-02	--	4E-02	7E-02	3E-03	4E-02	1E-01
5526	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5527	68110	13	5E-05	8E-01	9E-02	3E-01	--	3E-01	5E-01	1E-02	4E-01	8E-01	3E-02	--	4E-02	5E-02	1E-03	4E-02	9E-02
5528	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5530	68110	13	4E-05	7E-01	8E-02	3E-01	--	3E-01	3E-01	2E-02	4E-01	7E-01	4E-02	--	4E-02	3E-02	2E-03	4E-02	7E-02
5531	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5532	68110	13	5E-05	8E-01	9E-02	3E-01	--	4E-01	3E-01	4E-02	3E-01	1E+00	3E-02	--	4E-02	4E-02	4E-03	3E-02	1E-01
5533	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5535	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5536	68110	13	3E-05	7E-01	8E-02	3E-01	--	3E-01	4E-01	2E-02	3E-01	6E-01	3E-02	--	4E-02	5E-02	2E-03	3E-02	7E-02
5539	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5540	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5541	68110	13	3E-05	7E-01	8E-02	3E-01	--	3E-01	4E-01	1E-02	3E-01	6E-01	3E-02	--	4E-02	4E-02	2E-03	4E-02	6E-02
5543	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5544	68110	13	2E-05	6E-01	6E-02	3E-01	--	3E-01	2E-01	8E-03	4E-01	4E-01	3E-02	--	3E-02	3E-02	8E-04	4E-02	4E-02
5545	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5546	68110	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	8E-03	4E-01	6E-01	3E-02	--	3E-02	3E-02	8E-04	4E-02	7E-02
5549	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5551	68110	13	8E-05	1E+00	1E-01	3E-01	--	3E-01	7E-01	2E-02	3E-01	1E+00	3E-02	--	4E-02	8E-02	2E-03	4E-02	2E-01
5552	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5553	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5554	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5556	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5557	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5558	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5559	68110	13	6E-05	1E+00	1E-01	3E-01	--	3E-01	7E-01	1E-02	4E-01	1E+00	3E-02	--	4E-02	7E-02	1E-03	4E-02	1E-01
5560	68110	13	5E-05	9E-01	9E-02	3E-01	--	3E-01	4E-01	2E-02	4E-01	1E+00	3E-02	--	4E-02	5E-02	2E-03	4E-02	1E-01
5561	68110	13	6E-05	9E-01	1E-01	3E-01	--	4E-01	5E-01	1E-02	4E-01	1E+00	3E-02	--	4E-02	6E-02	1E-03	4E-02	1E-01
5562	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5563	68110	13	3E-05	7E-01	8E-02	3E-01	--	3E-01	5E-01	1E-02	4E-01	5E-01	3E-02	--	3E-02	5E-02	1E-03	4E-02	6E-02
5564	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5565	68110	13	4E-05	7E-01	8E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	7E-01	3E-02	--	4E-02	3E-02	1E-03	4E-02	8E-02
5566	68110	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	1E-02	4E-01	6E-01	3E-02	--	3E-02	4E-02	1E-03	4E-02	7E-02
5568	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
5569	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5570	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5577	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
5579	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5581	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5612	68110	13	7E-05	1E+00	1E-01	3E-01	--	3E-01	5E-01	2E-02	4E-01	1E+00	3E-02	--	4E-02	5E-02	2E-03	4E-02	1E-01
5614	68110	13	5E-05	8E-01	8E-02	3E-01	--	4E-01	4E-01	3E-02	3E-01	9E-01	3E-02	--	4E-02	4E-02	3E-03	3E-02	1E-01
5615	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5616	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5617	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5620	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5621	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5640	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5641	68110	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	4E-01	1E-02	4E-01	5E-01	3E-02	--	3E-02	4E-02	1E-03	4E-02	6E-02
5642	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5643	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5646	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5647	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5648	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5649	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5650	68110	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
5651	68110	13	3E-05	7E-01	7E-02	3E-01	--	4E-01	3E-01	1E-02	4E-01	6E-01	3E-02	--	4E-02	3E-02	1E-03	4E-02	6E-02
5661	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5662	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5668	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5669	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5671	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5676	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5677	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5678	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5680	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5689	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26047	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26085	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26096	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26099	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26104	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26122	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
26133	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
26169	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26175	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26180	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26182	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26186	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26198	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26201	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26218	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26234	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
26238	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26239	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26243	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26252	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26253	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26259	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26260	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26267	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26298	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26341	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
26365	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26367	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26369	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
26384	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26386	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26389	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26393	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26398	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26402	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26410	68110	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
26411	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26447	68110	8	1E-05	2E-01	2E-02	--	--	--	3E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	3E-02
26452	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26454	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26460	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26462	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26465	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	3E-03	--	7E-02
26502	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26508	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26511	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26527	68110	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
26533	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26540	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26544	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26546	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26548	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26550	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
26551	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26557	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26559	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26563	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26568	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26572	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26584	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26608	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26622	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26623	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26627	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26639	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26697	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26701	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26703	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26704	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26706	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26707	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26708	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26709	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26731	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26762	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
26809	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26823	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26835	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26838	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26841	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26843	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26846	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26862	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26873	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26895	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26917	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26919	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26921	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26924	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26929	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26946	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26969	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26974	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26975	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26979	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27023	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27030	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27034	68110	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
27044	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27049	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27057	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27059	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27065	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27069	68110	8	1E-04	1E+00	1E-01	--	--	--	1E+00	6E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
27076	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27088	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27089	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27098	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27126	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27181	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27187	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27232	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27233	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27235	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27261	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27284	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27287	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27291	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
27296	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27327	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
27332	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27339	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27343	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27352	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27378	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27386	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27389	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27400	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27406	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27407	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27417	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27435	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
27436	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27501	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27527	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27541	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27554	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27589	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	7E-02
27592	68110	8	5E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
27628	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27643	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27649	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27667	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27680	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27683	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
27690	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27693	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27704	68110	8	6E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
27730	68110	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27735	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27749	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27753	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27756	68110	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
27771	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27781	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27796	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27815	68110	8	2E-05	2E-01	2E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	8E-04	--	3E-02
27816	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27818	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27820	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27821	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27822	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	4E-02	8E-04	--	7E-02
27826	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
27828	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27835	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27838	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27839	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27840	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
27841	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27844	68110	7	2E-05	2E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	9E-04	--	4E-02
27847	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27849	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27852	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27855	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27881	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27884	68110	8	5E-05	4E-01	5E-02	--	--	--	4E-01	3E-02	--	8E-01	--	--	--	4E-02	3E-03	--	9E-02
27889	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27907	68110	8	9E-05	9E-01	1E-01	--	--	--	1E+00	8E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
27927	68110	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
27928	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27955	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27956	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27958	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27959	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27961	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27963	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27964	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27966	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27967	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27968	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27971	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27973	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27984	68110	8	8E-05	6E-01	7E-02	--	--	--	3E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	2E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28012	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28021	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28053	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28061	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28068	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28070	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28071	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28073	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28074	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	6E-02
28075	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
28077	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28080	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28081	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28086	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28092	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28098	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28113	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28116	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28120	68110	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	1E-03	--	9E-02
28152	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28155	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28158	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28163	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28164	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28166	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28167	68110	8	2E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
28175	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28184	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28189	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28194	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28198	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28200	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28203	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28205	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28207	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28208	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28211	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28215	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28221	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28226	68110	8	1E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	2E-01	--	--	--	1E-01	1E-03	--	2E-02
28233	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28234	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28235	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28240	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28242	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28243	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28244	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28249	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28250	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28251	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28256	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28257	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28258	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28259	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28261	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28262	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28264	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28268	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28271	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28278	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28298	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28309	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28323	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28334	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28335	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
28336	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28339	68110	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
28340	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28341	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28342	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28343	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28354	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28355	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28357	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28358	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28360	68110	8	8E-05	8E-01	9E-02	--	--	--	1E+00	3E-02	--	1E+00	--	--	--	1E-01	3E-03	--	2E-01
28363	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28376	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28392	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28393	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28401	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28403	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28404	68110	8	4E-05	3E-01	4E-02	--	--	--	3E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
28414	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28418	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28421	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
28425	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28455	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28460	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28463	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28486	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28491	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28501	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
28511	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28516	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28522	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28525	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28526	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28527	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28545	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28550	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
28567	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28577	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28578	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28579	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28582	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28584	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28585	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28588	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28591	68110	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
28593	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28595	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28624	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28647	68110	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
28654	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28658	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28662	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28666	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28667	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
28670	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
28672	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28673	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28681	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28686	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28687	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28689	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28698	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28699	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28702	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28704	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28707	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28708	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28710	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28711	68110	8	6E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
28715	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28717	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
28719	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28726	68110	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
28742	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28756	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28761	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28765	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28769	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28774	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28795	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28797	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28801	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28802	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28807	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28808	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28813	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28808	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28813	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28817	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28820	68110	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
28823	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28824	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
28827	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28839	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28848	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28857	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28859	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28860	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28862	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28863	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28867	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28891	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28902	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28903	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28905	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
28910	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28912	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28916	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28919	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
28923	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28924	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28929	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28938	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28944	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28948	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28953	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28974	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28977	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
28986	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28995	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28999	68110	8	1E-04	1E+00	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
29000	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29005	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29011	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29014	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29018	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29020	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29024	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29026	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29027	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29029	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29042	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29044	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29055	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29058	68110	8	5E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-01	--	--	--	4E-02	2E-03	--	1E-01
29059	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29063	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
29084	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
29087	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29091	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29092	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29093	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
29095	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
29096	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29104	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29107	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29110	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29113	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29117	68110	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
29120	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29121	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29124	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29135	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
29151	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29154	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29156	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29159	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29164	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29194	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29197	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
29199	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29202	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29207	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	1E-03	--	6E-02
29212	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29215	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29218	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29226	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29230	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29231	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29233	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29236	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29238	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	3E-02
29249	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29257	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	4E-02	--	6E-01	--	--	--	4E-02	4E-03	--	7E-02
29267	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29269	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29271	68110	8	1E-05	4E-01	5E-02	--	--	--	1E+00	8E-03	--	2E-01	--	--	--	1E-01	9E-04	--	2E-02
29273	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29275	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29277	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29282	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29283	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
29284	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29287	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29288	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
29289	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29290	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
29292	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29295	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29298	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29312	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29315	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29319	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29323	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
29324	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29329	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29332	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	8E-02
29338	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29345	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29346	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29350	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29353	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29360	68110	8	7E-05	2E+00	2E-01	--	--	--	4E+00	2E-02	--	1E+00	--	--	--	4E-01	2E-03	--	1E-01
29361	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
29363	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29365	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29367	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29371	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29374	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29376	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29382	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29387	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29389	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29393	68110	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
29412	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29421	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	7E-01	--	--	--	5E-02	3E-03	--	8E-02
29423	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29424	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29435	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29437	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29447	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29452	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29453	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29458	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29478	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29482	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29485	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29493	68110	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
29494	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29500	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
29503	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29505	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
29506	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29510	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29513	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29515	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29524	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29530	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29533	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29542	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29545	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29549	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29550	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	6E-02
29554	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29587	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29590	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29591	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29593	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29609	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29610	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
29634	68110	8	5E-05	2E+00	2E-01	--	--	--	4E+00	1E-02	--	9E-01	--	--	--	5E-01	2E-03	--	1E-01
29637	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29640	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29645	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29647	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29651	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29653	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29657	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29663	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
29665	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
29674	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29679	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29685	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29686	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29687	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29692	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29693	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29696	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29698	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29701	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29708	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29723	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29726	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29728	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29730	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29732	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29734	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29738	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29740	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29742	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29744	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29745	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29746	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29750	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29752	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
29753	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-01	--	4E-01	--	--	--	1E-01	1E-02	--	5E-02
29754	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29756	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29757	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29758	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29759	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29762	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29766	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29773	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29774	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
29776	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29782	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29786	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
29795	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
29812	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29813	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
29822	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29834	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29836	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
29844	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	8E-02
29850	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29853	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29856	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29858	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29862	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29866	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29869	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29870	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29872	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29873	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29874	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29875	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29877	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
29878	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29879	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29880	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29882	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29883	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29884	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29885	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29886	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29887	68110	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
29892	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29906	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29908	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29909	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29911	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
29913	68110	8	5E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-01	--	--	--	4E-02	2E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29914	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29916	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29920	68110	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	9E-04	--	2E-02
29921	68110	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
29925	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29931	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29934	68110	8	1E-05	5E-01	5E-02	--	--	--	1E+00	5E-02	--	3E-01	--	--	--	1E-01	5E-03	--	3E-02
29936	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29939	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29941	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29942	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
29943	68110	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	3E-03	--	1E-01
29947	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29952	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29989	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
30009	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30011	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30013	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30015	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30017	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
30020	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30022	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30023	68110	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
30025	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30026	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30028	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30030	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30031	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30033	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30035	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30038	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30043	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30046	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30053	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30056	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30057	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30059	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30061	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30064	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30108	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30113	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30118	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30127	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30134	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30138	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30142	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30149	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30151	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30152	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
30172	68110	8	2E-04	1E+00	1E-01	--	--	--	4E-01	2E-02	--	3E+00	--	--	--	4E-02	2E-03	--	3E-01
30181	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30186	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30189	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
30193	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30210	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
30247	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30250	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30266	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30271	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30277	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30279	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30281	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30284	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30287	68110	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
30291	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
30305	68110	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
30323	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30331	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30336	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30342	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30344	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30348	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30351	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30356	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30357	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30359	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30370	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30372	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30376	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30389	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30394	68110	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
30397	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30403	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30405	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30407	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30409	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30410	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
30414	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30422	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
30436	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30438	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30443	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
30446	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30459	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30469	68110	8	4E-05	6E-01	6E-02	--	--	--	9E-01	1E-02	--	8E-01	--	--	--	9E-02	1E-03	--	9E-02
30470	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
30472	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30478	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30481	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30487	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30492	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30493	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30495	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30500	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
30510	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30516	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30519	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
30524	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30527	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30541	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30542	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30543	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
30546	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30551	68110	8	5E-05	5E-01	6E-02	--	--	--	6E-01	2E-02	--	9E-01	--	--	--	7E-02	2E-03	--	1E-01
30553	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30556	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
30565	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30566	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
30568	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30575	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
30579	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30582	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30590	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30593	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30594	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30598	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30604	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30607	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30611	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30615	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30631	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30632	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30633	68110	8	5E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	2E-03	--	1E-01
30636	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30637	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30651	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
30655	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30657	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30665	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30668	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30680	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30681	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30682	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30688	68110	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
30689	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30698	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30705	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	3E-03	--	8E-02
30710	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30715	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30719	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30720	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30727	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30730	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30734	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30736	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30738	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30739	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30740	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30741	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30748	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30771	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30774	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30778	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30784	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30786	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	7E-02
30788	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30789	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
30797	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30803	68110	8	3E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
30811	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30815	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30827	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30840	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30842	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30845	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30851	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30852	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30853	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30854	68110	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
30865	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30867	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30869	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30870	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
30872	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30875	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30878	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30883	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30890	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30892	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30896	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30900	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30938	68110	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
30940	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30944	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30950	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30954	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
30961	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30963	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30980	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
30982	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30986	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30987	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
30992	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30994	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30998	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31002	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31021	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31025	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31028	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31033	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31038	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31039	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31043	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31048	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31068	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31084	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31085	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31094	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31097	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
31098	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31105	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31111	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31150	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31153	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
31155	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31158	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31160	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31165	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31166	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31170	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31174	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	8E-01	--	--	--	1E-01	7E-04	--	9E-02
31177	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31187	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31195	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31197	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31201	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31204	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31216	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31223	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
31224	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31228	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31231	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
31235	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31250	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31260	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31263	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31278	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31289	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31290	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31293	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31314	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31326	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31327	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31329	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31332	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31335	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31343	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31347	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31350	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
31354	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31359	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31369	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31394	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31399	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31401	68110	8	5E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	3E-03	--	9E-02
31410	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31422	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31448	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31459	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31462	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31466	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31486	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31493	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31496	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31504	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31536	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31537	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31539	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31543	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31552	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31568	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
31594	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31596	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31605	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31614	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31623	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31630	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31632	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31633	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31639	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31645	68110	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
31648	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31652	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31665	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31675	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31690	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31709	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31720	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31738	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31743	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31749	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
31753	68110	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
31757	68110	8	3E-05	7E-01	7E-02	--	--	--	1E+00	5E-02	--	6E-01	--	--	--	1E-01	5E-03	--	6E-02
31760	68110	8	9E-06	2E-01	2E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	6E-04	--	2E-02
31767	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31781	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31807	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31814	68110	8	8E-05	6E-01	7E-02	--	--	--	4E-01	9E-03	--	1E+00	--	--	--	4E-02	1E-03	--	2E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31818	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31820	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31830	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31832	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
31842	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31867	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31893	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31898	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31912	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31920	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31931	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31942	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31951	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31953	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31956	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31957	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31959	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	4E-02
31962	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31966	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31982	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31990	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32019	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
32029	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32039	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
32043	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
32044	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32056	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32060	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32063	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
32068	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32069	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32078	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32080	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32086	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32088	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32122	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32127	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32130	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32141	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32165	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32173	68110	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
32211	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32214	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
32216	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32220	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32223	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32229	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32238	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32242	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32245	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32247	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32254	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32258	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
32271	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32290	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32292	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
32295	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
32299	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32312	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32329	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32343	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32354	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32356	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32357	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32363	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32373	68110	8	8E-05	6E-01	7E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	2E-01
32392	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32394	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32401	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32402	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32404	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32422	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32448	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32468	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32469	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32471	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32484	68110	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
32493	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32495	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32500	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32508	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
32516	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32520	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32525	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32526	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32529	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
32536	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
32540	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32564	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32570	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
32584	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32588	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32601	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32610	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32621	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32627	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32628	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32635	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32637	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32641	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32645	68110	8	5E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	9E-01	--	--	--	5E-02	2E-03	--	1E-01
32650	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32657	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32660	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32666	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32683	68110	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
32700	68110	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
32707	68110	8	5E-05	5E-01	5E-02	--	--	--	5E-01	4E-02	--	9E-01	--	--	--	5E-02	4E-03	--	1E-01
32712	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32716	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32719	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32721	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32723	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32727	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
32728	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32729	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32732	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32733	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
32734	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
32744	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32752	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32769	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32786	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32788	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32801	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32822	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32826	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32828	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32839	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32849	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32850	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32867	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32869	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32872	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32875	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
32883	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32887	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32895	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32899	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32903	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	7E-02
32908	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32915	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
32919	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32920	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32927	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
32937	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32939	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32945	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32947	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
32950	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32951	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32952	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32954	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32955	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32959	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32961	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32962	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32981	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32986	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32995	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32996	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
33020	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33029	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33038	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33057	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33078	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
33083	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
33084	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
33119	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33122	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33127	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33128	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33136	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33147	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33161	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33174	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33176	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33183	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33209	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33215	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33219	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33229	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33234	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
33254	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33257	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33267	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33269	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33273	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33276	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33280	68110	8	4E-05	4E-01	4E-02	--	--	--	5E-01	1E-02	--	7E-01	--	--	--	5E-02	1E-03	--	7E-02
33282	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33287	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33289	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33290	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33294	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33295	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33297	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33298	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33304	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33318	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33323	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33326	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33330	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33353	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33364	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33370	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33396	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33403	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33404	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33413	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33417	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33418	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33421	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
33422	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33423	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33427	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33434	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33435	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33443	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33444	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33445	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33446	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33448	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33452	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33455	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33457	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33459	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33468	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
33472	68110	8	2E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
33476	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33477	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
33481	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33483	68110	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
33486	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33491	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33498	68110	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
33502	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33507	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33508	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33510	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33512	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
33513	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33516	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33518	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33519	68110	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
33529	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33539	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33540	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33543	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
33547	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33548	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33555	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
33557	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33560	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33576	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33582	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33585	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33586	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33592	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33594	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33595	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33596	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33602	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
33606	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33613	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33616	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33626	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33629	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
33635	68110	7	4E-05	3E-01	4E-02	--	--	--	--	1E-02	--	7E-01	--	--	--	--	1E-03	--	7E-02
33638	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33642	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33643	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33646	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33649	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33659	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33660	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33663	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33687	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33692	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33693	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33697	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33706	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33714	68110	8	4E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
33725	68110	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
33731	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33735	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33739	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33747	68110	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
33765	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33770	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33771	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33776	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33778	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33779	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33791	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33793	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33801	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33808	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33811	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33814	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
33816	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33820	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33824	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33828	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33829	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33834	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33836	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33840	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33846	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33847	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33849	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33852	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33853	68110	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
33857	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33860	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33862	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33864	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33866	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33872	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33874	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33876	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33877	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33879	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33880	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33881	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33883	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33884	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33887	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33892	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33897	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33898	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33902	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33905	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33907	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33909	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33912	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33914	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33916	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33917	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33918	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33920	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33921	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33927	68110	8	4E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	7E-02
33929	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33934	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33936	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33940	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33958	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33961	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33962	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33963	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33965	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33973	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33975	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33990	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33991	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33994	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34000	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34002	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
34007	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34009	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34022	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
34023	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34024	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34029	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34030	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34033	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34035	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34038	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
34039	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34046	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34047	68110	8	1E-04	1E+00	1E-01	--	--	--	6E-01	1E-02	--	2E+00	--	--	--	6E-02	1E-03	--	3E-01
34050	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34054	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34055	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34081	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34098	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34100	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34102	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34104	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34108	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34109	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34110	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34114	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34116	68110	8	4E-05	4E-01	5E-02	--	--	--	4E-01	4E-02	--	8E-01	--	--	--	4E-02	4E-03	--	8E-02
34121	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34123	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34133	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34152	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34168	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34188	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34195	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34205	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34218	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
34227	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34230	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34232	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34235	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34237	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
34242	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34260	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	7E-04	--	4E-02
34261	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34262	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34265	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34266	68110	8	2E-05	2E-01	3E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	7E-04	--	3E-02
34267	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34269	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34270	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34271	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34272	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
34273	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34274	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34275	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34276	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
34277	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34278	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34279	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34281	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34283	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34284	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34285	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34286	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34287	68110	8	1E-05	2E-01	3E-02	--	--	--	4E-01	5E-03	--	2E-01	--	--	--	4E-02	5E-04	--	3E-02
34288	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34289	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34524	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34526	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34546	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34590	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34592	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34601	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34608	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34611	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34613	68110	8	6E-06	5E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
34619	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34620	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34625	68110	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
34631	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34636	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34638	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34640	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34642	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34646	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34650	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34658	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34660	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34662	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34666	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34673	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
34674	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
34677	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34678	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34680	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34683	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34696	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
34697	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34702	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34708	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34710	68110	8	6E-05	5E-01	6E-02	--	--	--	4E-01	6E-03	--	1E+00	--	--	--	4E-02	6E-04	--	1E-01
34712	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34715	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34719	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34726	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34731	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34733	68110	8	2E-04	1E+00	1E-01	--	--	--	4E-01	2E-02	--	3E+00	--	--	--	4E-02	2E-03	--	4E-01
34738	68110	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
34742	68110	8	6E-06	5E-01	6E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
34763	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34768	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34770	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34772	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34773	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34775	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34779	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34787	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34795	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34804	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34807	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34811	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34815	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
34816	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34818	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34821	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
34824	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34828	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34834	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34837	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34847	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34848	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34854	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34861	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34866	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34878	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34879	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34886	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34895	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34899	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34902	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34905	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34909	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34913	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34915	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34933	68110	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
34952	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34955	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34961	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34965	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34969	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34972	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34973	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34989	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34991	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34997	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34998	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35004	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35008	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35009	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35012	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35013	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35015	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35016	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35020	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35022	68110	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	3E-02
35025	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35036	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35038	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35047	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
35048	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35065	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35070	68110	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
35071	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35085	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35086	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35088	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35105	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35114	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35116	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35131	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35132	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35140	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35148	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35158	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35171	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35174	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35176	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35178	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35180	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	3E-03	--	5E-02
35182	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35183	68110	8	2E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
35185	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35188	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35191	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35192	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35196	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35200	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35202	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35207	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35209	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35212	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35215	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35235	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35237	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35245	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35249	68110	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
35256	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35259	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35261	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35265	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35278	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35286	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35292	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35298	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35300	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35303	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35304	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35308	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35313	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35315	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35318	68110	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
35319	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35320	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35321	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35325	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35326	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35327	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35330	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35331	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35333	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35338	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35339	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35340	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35341	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35342	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35343	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35344	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35346	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35347	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35348	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35349	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35353	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35364	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35365	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35366	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35372	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35381	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35384	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
35390	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35391	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35396	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35400	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35402	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35410	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35413	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35419	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35421	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35431	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35432	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35438	68110	8	2E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
35446	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35450	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35452	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35454	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35457	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35459	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35461	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35463	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35464	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35465	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35467	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35472	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35476	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35477	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35479	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35480	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35482	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35485	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35486	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35487	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35490	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35491	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35494	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35497	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35501	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
35502	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35520	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35522	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35525	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35526	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35528	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35530	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35533	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35539	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35546	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35551	68110	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35555	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35558	68110	7	2E-05	3E-01	3E-02	--	--	--	--	2E-02	--	4E-01	--	--	--	--	2E-03	--	5E-02
35569	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35578	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35582	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35583	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
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TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35589	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
35606	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35609	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35616	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35617	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35625	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35627	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35628	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35629	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35631	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35634	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35635	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35637	68110	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
35639	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35640	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35656	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35659	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35661	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35662	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35663	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35665	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35669	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35680	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35681	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35682	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35686	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35694	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35695	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35696	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35703	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35710	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
35719	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35720	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35732	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35737	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35739	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35742	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35746	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35747	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35754	68110	8	3E-05	4E-01	4E-02	--	--	--	4E-01	5E-02	--	6E-01	--	--	--	4E-02	6E-03	--	6E-02
35757	68110	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
35759	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35764	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35766	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35767	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35770	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35774	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35779	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35784	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35787	68110	8	8E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	2E-02
35792	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
35793	68110	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
35797	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35808	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35834	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35847	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35855	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35870	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35897	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35905	68110	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
35913	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35914	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35916	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35923	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35942	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35952	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35953	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35957	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35972	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35996	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36037	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36060	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36061	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36068	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36076	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36152	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36189	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
36611	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36750	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36758	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36879	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36886	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
36893	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36900	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
36905	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37069	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37075	68110	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
37077	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37079	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37081	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37083	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37086	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37091	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
37092	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37096	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37137	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37188	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
37258	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37305	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37332	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37362	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37398	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37401	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37434	68110	8	6E-05	8E-01	9E-02	--	--	--	1E+00	4E-02	--	1E+00	--	--	--	1E-01	4E-03	--	1E-01
37456	68110	8	5E-05	5E-01	5E-02	--	--	--	4E-01	3E-02	--	1E+00	--	--	--	4E-02	3E-03	--	1E-01
37522	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
37523	68110	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
37525	68110	8	9E-05	7E-01	8E-02	--	--	--	4E-01	3E-02	--	2E+00	--	--	--	4E-02	3E-03	--	2E-01
37528	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37532	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37534	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37562	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37615	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37652	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37656	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37667	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37673	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37674	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
37707	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37810	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37821	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
37865	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37909	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37915	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37977	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37985	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38063	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38086	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38089	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38092	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38120	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38205	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38211	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38239	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38263	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38273	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38451	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38458	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38471	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38518	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38570	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38571	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38602	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38609	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38697	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38699	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38719	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38725	68110	8	9E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
38757	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38774	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38791	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38829	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38832	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38863	68110	8	1E-04	1E+00	1E-01	--	--	--	1E+00	3E-02	--	2E+00	--	--	--	1E-01	3E-03	--	2E-01
38878	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38916	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38921	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38950	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38954	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38955	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38959	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39000	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39006	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39015	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39037	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
39124	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39142	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
39174	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39189	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
39209	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
39226	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39271	68110	7	2E-05	2E-01	3E-02	--	--	--	--	2E-02	--	4E-01	--	--	--	--	2E-03	--	5E-02
39272	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39274	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39277	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39279	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
39281	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39434	68110	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
39437	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39441	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39445	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39448	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39493	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39500	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39523	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
39559	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39572	68110	8	6E-04	4E+00	4E-01	--	--	--	1E+00	1E-02	--	1E+01	--	--	--	1E-01	1E-03	--	1E+00
39583	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
39594	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
39598	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39605	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39619	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39635	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
39650	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
39654	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39657	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39683	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49164	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49181	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49336	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49343	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50034	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50037	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50039	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50252	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50253	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50254	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50255	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50256	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50257	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50258	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50259	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50260	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50261	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50401	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50440	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50481	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50482	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50483	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50572	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50590	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50602	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50617	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
55636	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
55642	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
55643	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
55644	68110	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
55645	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
55649	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
63316	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
63319	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
66088	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
73891	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
73892	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
74149	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	4E-03	--	5E-02
74155	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
75834	68110	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
77563	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
79377	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
79566	68110	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
81395	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
81396	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
81397	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
81398	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
81399	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
81400	68110	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
81401	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
81402	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
81403	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
81404	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
87991	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	5E-04	--	5E-02
87996	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
88030	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
88049	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
88194	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
88205	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
88318	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90100	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
90165	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90539	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
90706	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
90707	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
90857	68110	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
90907	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
90908	68110	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
91240	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
91449	68110	8	7E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
91602	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91603	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
91604	68110	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
91608	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
91732	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
92499	68110	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
92500	68110	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
92501	68110	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	5E-02
92505	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
92511	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
92674	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
92675	68110	8	2E-05	5E-01	5E-02	--	--	--	9E-01	5E-03	--	4E-01	--	--	--	1E-01	5E-04	--	4E-02
92843	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
92845	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
92849	68110	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
92851	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
92883	68110	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93337	68110	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
93338	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	5E-02
93339	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93340	68110	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
93341	68110	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
93342	68110	8	3E-05	5E-01	6E-02	--	--	--	9E-01	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
93343	68110	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
93344	68110	8	2E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
93345	68110	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
93374	68110	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
93375	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
93376	68110	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93377	68110	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
223	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
227	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
249	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
250	68111	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
255	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
276	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
305	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
310	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
318	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
336	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
339	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
363	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
465	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
470	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
476	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
500	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
537	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
540	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
542	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
546	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
553	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
554	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
559	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
560	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
561	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
563	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
564	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
565	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
566	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
568	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
571	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
573	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
574	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
576	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
579	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
580	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
581	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
582	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
587	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
589	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
591	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
592	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
594	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
595	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
600	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
603	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
604	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
614	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
617	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
618	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
620	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
625	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
627	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
628	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
630	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
631	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
637	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
643	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
646	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
648	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
651	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
653	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
665	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
666	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
667	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
668	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
669	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
670	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
671	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
672	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
673	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
676	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
677	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
678	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
679	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
680	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
681	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
682	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
683	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
684	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
685	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
687	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
688	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
689	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
691	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
692	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
693	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
694	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
695	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
696	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
697	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
698	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
699	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
703	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
705	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
706	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
712	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
713	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
714	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
715	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
716	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
717	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
719	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
722	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
725	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
727	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
728	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
729	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
730	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
735	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
738	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
741	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
742	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
743	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
744	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
745	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
746	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
748	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
749	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
750	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
753	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
758	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
760	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
761	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
763	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
764	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
765	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
767	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
770	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
771	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
774	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
775	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
778	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
779	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
780	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
781	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
784	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
787	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
788	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
790	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
793	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
794	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
795	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
797	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
799	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
801	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
802	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
803	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
804	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
808	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
809	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
810	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
811	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
813	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
814	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
816	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
817	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
820	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
821	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
822	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
828	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
829	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
831	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
832	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
839	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
840	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
841	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
842	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
843	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
844	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
845	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
846	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
847	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
848	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
849	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
850	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
851	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
852	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
853	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
854	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
856	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
858	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
859	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
860	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
861	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
863	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
864	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
865	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
866	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
867	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
871	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
873	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
876	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
877	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
884	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
909	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
942	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
944	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
945	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
946	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
948	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
956	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
962	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
965	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
967	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
977	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
978	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
980	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
982	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
983	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
984	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
988	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
990	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
993	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1008	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1021	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1022	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1024	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1030	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1032	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1061	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1062	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1063	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1066	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1075	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
1078	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1081	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1082	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1085	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
1090	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1091	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1096	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1101	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1108	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
1110	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1125	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1127	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1134	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1143	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1145	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1147	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1149	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1153	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1154	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1157	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1158	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1159	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1194	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1202	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1204	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1206	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1208	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
1211	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1213	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1221	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1225	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1238	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1246	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1251	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1262	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1264	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1265	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1266	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1275	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1277	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1285	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
1288	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1289	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1292	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1295	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1298	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1305	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1306	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1309	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1320	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1325	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1329	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1330	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1335	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1336	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1337	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
1338	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1340	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1343	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1345	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1350	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
1353	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1368	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1372	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1376	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1377	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1397	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1402	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1422	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1425	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1426	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1427	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1430	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1431	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1432	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1434	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
1435	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1436	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
1438	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1439	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1440	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
1441	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1442	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1443	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1444	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1445	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1446	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1447	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1448	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1460	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1464	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1468	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1473	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1474	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1476	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1482	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1483	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1484	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1486	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
1487	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
1489	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1490	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1491	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
1493	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
1497	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1498	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2008	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2035	68111	13	3E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	1E-02	4E-01	6E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	7E-02
2075	68111	13	8E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	7E-03	3E-01	2E+00	3E-02	--	3E-02	1E-01	8E-04	3E-02	2E-01
2095	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2103	68111	13	2E-05	8E-01	9E-02	4E-01	--	3E-01	1E+00	9E-03	4E-01	3E-01	4E-02	--	3E-02	1E-01	1E-03	4E-02	3E-02
2109	68111	13	3E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	2E-02	4E-01	6E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	6E-02
2112	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2118	68111	8	7E-06	2E-01	2E-02	--	--	--	4E-01	7E-03	--	1E-01	--	--	--	4E-02	7E-04	--	1E-02
2119	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2121	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	7E-03	4E-01	6E-01	3E-02	--	3E-02	1E-01	8E-04	4E-02	6E-02
2123	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2126	68111	13	2E-05	9E-01	1E-01	4E-01	--	3E-01	1E+00	2E-02	4E-01	4E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	5E-02
2150	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2154	68111	13	3E-05	9E-01	1E-01	4E-01	--	4E-01	1E+00	2E-02	4E-01	5E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	5E-02
2160	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2169	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2173	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2175	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2179	68111	13	1E-04	1E+00	1E-01	3E-01	--	3E-01	1E+00	9E-03	3E-01	2E+00	3E-02	--	3E-02	1E-01	1E-03	3E-02	2E-01
2202	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2204	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2208	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
2216	68111	13	3E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	2E-02	4E-01	6E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	6E-02
2225	68111	13	2E-05	1E+00	1E-01	3E-01	--	7E-01	1E+00	1E-02	3E-01	4E-01	3E-02	--	7E-02	1E-01	1E-03	4E-02	5E-02
2231	68111	13	6E-06	6E-01	6E-02	1E-01	--	2E-01	1E+00	2E-02	2E-01	1E-01	1E-02	--	2E-02	1E-01	2E-03	2E-02	1E-02
2232	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2242	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2246	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2262	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	2E-02	3E-01	6E-01	3E-02	--	4E-02	1E-01	2E-03	3E-02	6E-02
2281	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2286	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2287	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2288	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2290	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2298	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2305	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2310	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2343	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2344	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2349	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2365	68111	13	2E-05	6E-01	6E-02	3E-01	--	3E-01	1E-01	6E-03	4E-01	4E-01	3E-02	--	3E-02	1E-02	7E-04	4E-02	5E-02
2366	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2375	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2406	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2407	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2425	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
2542	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2548	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2549	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
2559	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2560	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2562	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2565	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
2566	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2571	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2572	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2573	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2574	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
2576	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
2577	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
2579	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
2580	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2583	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3009	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3014	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3016	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
3019	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
3046	68111	13	3E-05	5E-01	6E-02	3E-01	--	3E-01	1E-01	1E-02	3E-01	5E-01	3E-02	--	3E-02	1E-02	1E-03	3E-02	5E-02
3051	68111	13	2E-05	5E-01	6E-02	3E-01	--	3E-01	3E-01	5E-03	3E-01	4E-01	3E-02	--	3E-02	3E-02	5E-04	4E-02	4E-02
3053	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
3058	68111	13	2E-04	1E+00	1E-01	3E-01	--	3E-01	2E-01	1E-02	3E-01	3E+00	3E-02	--	3E-02	2E-02	1E-03	4E-02	3E-01
3069	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3070	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3075	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3081	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
3088	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3089	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
3091	68111	13	1E-03	7E+00	8E-01	2E-01	--	2E-01	2E-01	1E-02	3E-01	2E+01	2E-02	--	3E-02	2E-02	1E-03	3E-02	2E+00
3095	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
3102	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
3106	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3119	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3133	68111	13	3E-05	6E-01	6E-02	3E-01	--	3E-01	1E-01	8E-03	4E-01	5E-01	3E-02	--	3E-02	2E-02	9E-04	4E-02	5E-02
3134	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
3138	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3147	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
3151	68111	13	2E-05	4E-01	4E-02	2E-01	--	2E-01	2E-01	2E-02	2E-01	3E-01	2E-02	--	2E-02	2E-02	3E-03	2E-02	3E-02
3162	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3169	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
3170	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3177	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3186	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3187	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3189	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3191	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3195	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
3196	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3198	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
3201	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
3213	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3214	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
3217	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
3218	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5001	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
5003	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5007	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5008	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5013	68111	13	4E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	7E-03	4E-01	7E-01	4E-02	--	4E-02	1E-01	7E-04	4E-02	8E-02
5014	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5015	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5016	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5022	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5023	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5025	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5031	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5032	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5034	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
5035	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5044	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5046	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5085	68111	13	3E-05	9E-01	1E-01	3E-01	--	4E-01	1E+00	1E-02	4E-01	5E-01	4E-02	--	4E-02	1E-01	1E-03	4E-02	6E-02
5090	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5091	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5092	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5094	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
5095	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5169	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5170	68111	13	6E-06	7E-01	8E-02	3E-01	--	3E-01	1E+00	5E-03	3E-01	1E-01	3E-02	--	3E-02	1E-01	6E-04	3E-02	1E-02
5171	68111	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	3E-01	4E-01	3E-02	--	4E-02	1E-01	1E-03	4E-02	4E-02
5204	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	6E-03	4E-01	5E-01	4E-02	--	3E-02	1E-01	7E-04	4E-02	6E-02
5205	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
5206	68111	13	3E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	5E-03	4E-01	5E-01	4E-02	--	4E-02	1E-01	6E-04	5E-02	6E-02
5207	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5208	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	2E-02	3E-01	5E-01	3E-02	--	4E-02	1E-01	2E-03	3E-02	6E-02
5215	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	1E-02	3E-01	5E-01	3E-02	--	3E-02	1E-01	1E-03	3E-02	6E-02
5216	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5217	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5218	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5219	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5220	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5221	68111	13	4E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	2E-02	4E-01	7E-01	3E-02	--	4E-02	1E-01	2E-03	4E-02	8E-02
5222	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5230	68111	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	2E-02	3E-01	4E-01	3E-02	--	3E-02	1E-01	2E-03	3E-02	5E-02
5231	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5232	68111	13	3E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	4E-02	4E-01	6E-01	4E-02	--	5E-02	1E-01	4E-03	4E-02	6E-02
5233	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5234	68111	13	3E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	3E-02	4E-01	6E-01	3E-02	--	4E-02	1E-01	3E-03	4E-02	6E-02
5235	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5236	68111	13	3E-05	9E-01	1E-01	3E-01	--	4E-01	1E+00	3E-02	3E-01	6E-01	3E-02	--	4E-02	1E-01	3E-03	3E-02	6E-02
5237	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5238	68111	13	3E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	2E-02	4E-01	6E-01	3E-02	--	4E-02	1E-01	2E-03	4E-02	7E-02
5239	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5240	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	6E-03	3E-01	5E-01	3E-02	--	3E-02	1E-01	7E-04	4E-02	6E-02
5241	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5242	68111	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	6E-03	3E-01	6E-01	3E-02	--	3E-02	1E-01	7E-04	4E-02	6E-02
5243	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
5245	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5246	68111	13	5E-05	1E+00	1E-01	4E-01	--	4E-01	1E+00	2E-02	4E-01	1E+00	4E-02	--	4E-02	1E-01	2E-03	4E-02	1E-01
5247	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5248	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5249	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
5250	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5252	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5253	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5286	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5287	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5288	68111	13	2E-05	9E-01	1E-01	4E-01	--	5E-01	1E+00	2E-02	4E-01	3E-01	4E-02	--	5E-02	1E-01	2E-03	4E-02	4E-02
5289	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5290	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5291	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
5292	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
5293	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5294	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5295	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5296	68111	13	6E-06	7E-01	7E-02	2E-01	--	3E-01	1E+00	1E-02	3E-01	1E-01	2E-02	--	3E-02	1E-01	1E-03	3E-02	1E-02
5329	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5330	68111	13	6E-05	7E-01	8E-02	2E-01	--	3E-01	2E-01	2E-02	3E-01	1E+00	3E-02	--	3E-02	2E-02	3E-03	3E-02	1E-01
5333	68111	12	2E-05	5E-01	5E-02	3E-01	--	3E-01	--	9E-03	3E-01	4E-01	4E-02	--	3E-02	--	1E-03	4E-02	4E-02
5513	68111	13	4E-05	8E-01	9E-02	3E-01	--	4E-01	5E-01	1E-02	5E-01	7E-01	3E-02	--	4E-02	5E-02	1E-03	5E-02	8E-02
5514	68111	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	6E-03	3E-01	6E-01	3E-02	--	3E-02	4E-02	6E-04	4E-02	6E-02
5515	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5516	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5518	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5519	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5611	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5618	68111	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	3E-01	8E-03	3E-01	5E-01	3E-02	--	3E-02	4E-02	9E-04	4E-02	6E-02
5619	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5625	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5645	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5655	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5665	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5681	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5686	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5687	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25624	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25637	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25640	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25645	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25646	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25647	68111	7	4E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	7E-02
25648	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25649	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25651	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
25652	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25658	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25660	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25662	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25663	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
25669	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25670	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
25671	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25673	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25674	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25678	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25679	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25680	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25681	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25682	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25683	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25684	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25685	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25686	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25687	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25688	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25695	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25696	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25697	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25698	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25699	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25701	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25705	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25706	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25708	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
25709	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
25716	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25718	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25719	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25724	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25726	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25727	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25730	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25731	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25732	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25735	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25736	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25738	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25739	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25741	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25742	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25745	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25747	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25749	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25750	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
25754	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25755	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25756	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25759	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25761	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
25762	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25763	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25764	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25765	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25766	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25768	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25769	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25770	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25771	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25772	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25773	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25774	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25775	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25776	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25778	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25779	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25780	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
25781	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25782	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25785	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25786	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
25787	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25788	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25790	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25793	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25794	68111	8	3E-05	6E+00	7E-01	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
25796	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25797	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25801	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25803	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25804	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
25805	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
25807	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25808	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25809	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25810	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25811	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25813	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25814	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25815	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25816	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25817	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25818	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25819	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25821	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25823	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25824	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25825	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25826	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25827	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25828	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25829	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25830	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25831	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25833	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25834	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
25836	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25837	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25838	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25840	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25843	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25844	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25845	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25847	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25848	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25849	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
25850	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25851	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25853	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25854	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25855	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25860	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25862	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25863	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25864	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25866	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25868	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25869	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
25870	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25871	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25872	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25873	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25874	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
25875	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25876	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25877	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
25879	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25883	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25884	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25894	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
25896	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25898	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25899	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25903	68111	8	6E-06	6E-01	6E-02	--	--	--	2E+00	2E-02	--	1E-01	--	--	--	2E-01	2E-03	--	1E-02
25907	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25908	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25910	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25912	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25915	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25918	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	4E-03	--	3E-01	--	--	--	1E-01	5E-04	--	4E-02
25919	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25921	68111	8	1E-05	2E-01	2E-02	--	--	--	3E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
25924	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25925	68111	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
25927	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25930	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25931	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25932	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25933	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25935	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25936	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25937	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25938	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25939	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25942	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25943	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25944	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25947	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25949	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25950	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25952	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25953	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25955	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25956	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25958	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25961	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25962	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25963	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25964	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25965	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25968	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25970	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25971	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25972	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25973	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25974	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25975	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25976	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25977	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
25978	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25979	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25980	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25981	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25982	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25983	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25984	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25985	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
25986	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25987	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25988	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25990	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25991	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25992	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25993	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25995	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25996	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26000	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26002	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26004	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26005	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	4E-02
26006	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26007	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26008	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26009	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
26011	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
26012	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26018	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26020	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26021	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26025	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26027	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26029	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26030	68111	8	4E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
26032	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26033	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26034	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26035	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26036	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26038	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26039	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26040	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26041	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26042	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
26043	68111	8	3E-05	4E+00	4E-01	--	--	--	1E+01	1E-02	--	6E-01	--	--	--	1E+00	1E-03	--	7E-02
26045	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
26049	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26051	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26052	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26053	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	8E-04	--	3E-02
26054	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26055	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26056	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26057	68111	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
26061	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26062	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26063	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26065	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26067	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26068	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26069	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26070	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26072	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26076	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26077	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26078	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26079	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26080	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26082	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26083	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26084	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
26086	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26087	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26088	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
26089	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26090	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26092	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26093	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26100	68111	7	2E-04	1E+00	1E-01	--	--	--	--	1E-02	--	3E+00	--	--	--	--	2E-03	--	4E-01
26101	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26102	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
26103	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26106	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26107	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26108	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26110	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26112	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
26113	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26114	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26115	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26116	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26117	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26118	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26119	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26120	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26123	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26124	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	9E-04	--	7E-02
26126	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26129	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26131	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26132	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26135	68111	8	1E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	5E-02	1E-03	--	3E-02
26137	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26139	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26140	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26141	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26142	68111	7	2E-05	2E-01	2E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	6E-04	--	3E-02
26144	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26145	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26146	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26147	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26149	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
26150	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26153	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26154	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26157	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26158	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26159	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26160	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
26161	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26162	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26164	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
26165	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26166	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26168	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26170	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26172	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26173	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26174	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26176	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26177	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26178	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26179	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26183	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26184	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26185	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26187	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26188	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26189	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26190	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26191	68111	8	4E-05	4E-01	4E-02	--	--	--	5E-01	1E-02	--	7E-01	--	--	--	5E-02	1E-03	--	7E-02
26193	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26194	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26195	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26196	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26199	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
26200	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26202	68111	8	1E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
26203	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26204	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	5E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02
26205	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26206	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26209	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26210	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26211	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
26212	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26213	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26214	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26215	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
26216	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26217	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26222	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26224	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26225	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26226	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26227	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26228	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
26229	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
26230	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26231	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
26232	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26233	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26235	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26236	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26240	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26241	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26242	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26246	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26248	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26249	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
26251	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26256	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26257	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
26261	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26263	68111	8	6E-04	4E+00	4E-01	--	--	--	1E+00	2E-02	--	1E+01	--	--	--	1E-01	2E-03	--	1E+00
26264	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26265	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26266	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26268	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26269	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26270	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26271	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26273	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26274	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26275	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26276	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26277	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26279	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26281	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26282	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26283	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26284	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26285	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26286	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26288	68111	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	1E-03	--	9E-02
26289	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
26290	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	6E-02
26291	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26292	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26293	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26294	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26295	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
26296	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26300	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26301	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26303	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
26304	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26305	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26306	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26307	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26308	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26310	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26311	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26312	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26313	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26314	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26316	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26318	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26319	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26320	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26322	68111	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
26323	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26324	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26326	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26327	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	6E-04	--	7E-02
26328	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26329	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26330	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26331	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26332	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26333	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26334	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26335	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26337	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26340	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26343	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26344	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26345	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26347	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26348	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26349	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26351	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26352	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26353	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26354	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26356	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26357	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26359	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26360	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26361	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26362	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26363	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26364	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26366	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26368	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26370	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26371	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26372	68111	8	1E-03	8E+00	9E-01	--	--	--	1E+00	4E-02	--	2E+01	--	--	--	1E-01	5E-03	--	3E+00
26373	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26375	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26376	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26377	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26379	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26381	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26385	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26390	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26392	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26394	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26395	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26396	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26397	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26399	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26401	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26403	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26404	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26405	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26406	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26407	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
26408	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26409	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26412	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26417	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26418	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26419	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26420	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26421	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26422	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26424	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26427	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26428	68111	8	7E-05	1E+00	1E-01	--	--	--	3E+00	3E-02	--	1E+00	--	--	--	3E-01	3E-03	--	1E-01
26429	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26430	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26431	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26432	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26433	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26434	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26436	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26438	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26442	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26445	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26446	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26449	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26450	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26451	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26453	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26455	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26456	68111	8	5E-04	5E+00	5E-01	--	--	--	5E+00	2E-02	--	9E+00	--	--	--	5E-01	2E-03	--	1E+00
26457	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26458	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26459	68111	8	1E-04	9E-01	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
26463	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26464	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26466	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26467	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26470	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26471	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26472	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26473	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26474	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26475	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26476	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26477	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26478	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26479	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26480	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
26481	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26482	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26483	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26484	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26485	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
26486	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26487	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26488	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26489	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26490	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26493	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26495	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26496	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26498	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26499	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26500	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
26501	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26504	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26505	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26507	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26510	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26512	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26514	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
26515	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26516	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26517	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26518	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
26519	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26520	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26521	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26522	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26524	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26526	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26536	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26537	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26541	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26543	68111	8	6E-06	5E-01	6E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	2E-01	1E-03	--	1E-02
26545	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26547	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26549	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26552	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26554	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26562	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26564	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26566	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26570	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	4E-02	--	2E+00	--	--	--	1E-01	4E-03	--	2E-01
26571	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26573	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26574	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26576	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26579	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26581	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26582	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26583	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26588	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26589	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26590	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26591	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26593	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26594	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26595	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26596	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
26597	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26599	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26601	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26602	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26604	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02
26605	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26607	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26610	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26611	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26612	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26615	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26616	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26620	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26624	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26625	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26626	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26629	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26630	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26632	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26633	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26634	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26635	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26636	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26637	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26638	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26641	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26642	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26643	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26644	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26645	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26646	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26649	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26650	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26652	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26653	68111	8	6E-05	7E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
26654	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26655	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26657	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26658	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26659	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26661	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26663	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
26664	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26665	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
26666	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26669	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26670	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26671	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26672	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26673	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26674	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26676	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26677	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26678	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26679	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26680	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26681	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26682	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
26684	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26686	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26689	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26690	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26693	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26695	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
26696	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26698	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26700	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26702	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26710	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26711	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26712	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26713	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26714	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26715	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
26716	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
26718	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
26720	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26721	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26722	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26725	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26727	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26728	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26729	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26730	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26732	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26734	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26736	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26737	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26738	68111	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
26740	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26741	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26742	68111	7	3E-05	3E-01	4E-02	--	--	--	--	9E-03	--	6E-01	--	--	--	--	9E-04	--	7E-02
26744	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26745	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26746	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26748	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26749	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26750	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26751	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26753	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26754	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26756	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26757	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
26758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26759	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	2E-01	--	--	--	1E-01	8E-04	--	2E-02
26760	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26761	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26763	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26764	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26765	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26766	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26768	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26769	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26770	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26771	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26772	68111	8	4E-05	4E-01	4E-02	--	--	--	3E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
26773	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26775	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26778	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26779	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
26780	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26781	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26782	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26783	68111	8	4E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	5E-02	1E-03	--	9E-02
26785	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26786	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26787	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26788	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26789	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26790	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26791	68111	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
26792	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26795	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26796	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26797	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26799	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26800	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26802	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26803	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26804	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26807	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
26808	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26810	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26811	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26812	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26814	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26815	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26816	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26817	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26818	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26819	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26820	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26826	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26827	68111	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
26828	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26829	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26830	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26833	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26834	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
26836	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26840	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26842	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26844	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
26845	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26847	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26848	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26849	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
26850	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26853	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26854	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26855	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26856	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26857	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26858	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	4E-02
26859	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
26860	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26861	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26864	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26865	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
26867	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26868	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
26869	68111	8	4E-05	4E-01	4E-02	--	--	--	3E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
26870	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26872	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26875	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26876	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26877	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	3E-02	--	3E+00	--	--	--	1E-01	3E-03	--	3E-01
26881	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26882	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26883	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26885	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26886	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
26889	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26891	68111	8	2E-05	2E-01	3E-02	--	--	--	4E-01	3E-02	--	3E-01	--	--	--	4E-02	3E-03	--	3E-02
26892	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26893	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26894	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26896	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26897	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
26898	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
26899	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26900	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26902	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26903	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26904	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26905	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26907	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26910	68111	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
26911	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
26912	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26913	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26915	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
26916	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26918	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26920	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26923	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26925	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26926	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26927	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26928	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26930	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26931	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26932	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26938	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26940	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26941	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26942	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26943	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26944	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26947	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26948	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	3E-01
26949	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26950	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26952	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26953	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26954	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26955	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
26956	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26957	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26959	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26961	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26963	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26964	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
26965	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26966	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26967	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
26970	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26971	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26972	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26973	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26976	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26977	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26978	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
26980	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
26981	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26982	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26983	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
26985	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
26987	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
26988	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
26991	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26992	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
26993	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
26994	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
26996	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
26997	68111	8	5E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
26999	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
27000	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27001	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27002	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27003	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27004	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27005	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
27009	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27011	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27012	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27013	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27015	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27017	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27018	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27019	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27020	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27022	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27024	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27025	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27026	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27028	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27029	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27031	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	6E-04	--	6E-02
27032	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27033	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27037	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27038	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
27040	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27043	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27046	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27048	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27050	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27052	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
27054	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27058	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27060	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27062	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27066	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27068	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27070	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27071	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27072	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27073	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27074	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
27075	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27077	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27079	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27080	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27082	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27087	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27090	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27091	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27092	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27094	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27095	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27096	68111	8	5E-04	3E+00	4E-01	--	--	--	4E-01	4E-02	--	9E+00	--	--	--	4E-02	4E-03	--	1E+00
27099	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27101	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27103	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27107	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E-04	--	2E-02
27108	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27109	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27110	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27111	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27112	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27114	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27115	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27116	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27117	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
27118	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27119	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27120	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
27122	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27123	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27127	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27128	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27129	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27130	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27131	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27132	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27134	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27135	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27136	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27137	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
27138	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
27139	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
27140	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
27141	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27142	68111	8	3E-04	2E+00	2E-01	--	--	--	1E+00	3E-02	--	5E+00	--	--	--	1E-01	3E-03	--	5E-01
27143	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27144	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
27145	68111	8	6E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	7E-04	--	1E-01
27146	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27148	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	5E-03	--	3E-01	--	--	--	1E-01	6E-04	--	3E-02
27149	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27150	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27151	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27152	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27153	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27155	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27156	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27157	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27159	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27160	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27161	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27162	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27163	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27164	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27166	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27167	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27168	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27169	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27170	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27171	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27172	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27173	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27174	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27177	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
27178	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27179	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27180	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27182	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27184	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27185	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
27186	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27188	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27189	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27190	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27191	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
27193	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	4E-02	8E-04	--	4E-02
27195	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27197	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27198	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27199	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27202	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
27204	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27205	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27206	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27207	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27209	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27210	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27211	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27212	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27213	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27215	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27217	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27218	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27219	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27221	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27222	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27223	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27224	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27225	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27226	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27227	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27229	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27230	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27231	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27234	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27236	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27239	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27240	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27244	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27245	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27246	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27247	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27248	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27249	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27251	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27252	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
27254	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27255	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27256	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27258	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27259	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27260	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27262	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27264	68111	8	4E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
27265	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27266	68111	8	1E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
27268	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27269	68111	8	3E-05	7E-01	8E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	4E-03	--	6E-02
27270	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27272	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27273	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27274	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27275	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27276	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27277	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27278	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
27280	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27283	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27286	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27288	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27289	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27292	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27293	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27297	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27298	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27299	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27300	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27302	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27303	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27305	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27306	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27307	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27308	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
27310	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27312	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27315	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	4E-03	--	6E-02
27316	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27317	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27318	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	8E-02	--	7E-01	--	--	--	4E-02	9E-03	--	8E-02
27322	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27323	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27324	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
27325	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27326	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27328	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27329	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27334	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27335	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27336	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27337	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27338	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27340	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27341	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27342	68111	8	7E-06	2E-01	2E-02	--	--	--	4E-01	2E-02	--	1E-01	--	--	--	4E-02	2E-03	--	1E-02
27344	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27345	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27346	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27347	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
27349	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27351	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27353	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27354	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27355	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27356	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27357	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27358	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
27359	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27360	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27362	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27363	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27364	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27366	68111	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	7E-02
27368	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27369	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
27371	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27375	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27376	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27377	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27379	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27380	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27383	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27384	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27385	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27387	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27388	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27390	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27394	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27396	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27397	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27398	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27399	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
27402	68111	8	2E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
27403	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27408	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27409	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27410	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27411	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27412	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27413	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27414	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27415	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27416	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27418	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27419	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27422	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27423	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27424	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27425	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27426	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27428	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27429	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27432	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27433	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27434	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27440	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27441	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27442	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27443	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27444	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27445	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27446	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
27447	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27448	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27449	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27450	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27451	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27452	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27453	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27454	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27456	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
27457	68111	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
27458	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27459	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27460	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27461	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	3E-02
27462	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27463	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27465	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27466	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27467	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
27470	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27472	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27474	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27475	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
27478	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27479	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27480	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27481	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
27485	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27488	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	8E-01	--	--	--	4E-02	9E-04	--	9E-02
27489	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27490	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27492	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27495	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27496	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27497	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27499	68111	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
27500	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27502	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27503	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27505	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27508	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27509	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27510	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27511	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27512	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27513	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27514	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27515	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27516	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27517	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27519	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27520	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27523	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27524	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
27525	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27528	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27529	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27531	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27533	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27535	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27538	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27540	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27542	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27543	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27544	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27545	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27546	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27548	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27549	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27551	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27553	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27556	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27558	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27561	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27562	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27564	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27565	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27566	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27567	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E-04	--	3E-02
27568	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27569	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27574	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27576	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27578	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27579	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27580	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27581	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	5E-02	9E-04	--	5E-02
27582	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27584	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27585	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
27587	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27590	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27591	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
27593	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27594	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27596	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27597	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27598	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27599	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27600	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27601	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27604	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	5E-02	9E-04	--	5E-02
27606	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27607	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27608	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
27609	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27611	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27612	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27614	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27617	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27618	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27619	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
27620	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27622	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
27625	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27626	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27629	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27630	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
27632	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
27633	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27636	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27638	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27641	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27642	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27645	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27647	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27657	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27658	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
27659	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27662	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27663	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27665	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27668	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27669	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27670	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27671	68111	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
27672	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27673	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27674	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27675	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27676	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27677	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27678	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27679	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27681	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27682	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27684	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27685	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27686	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27687	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27688	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
27689	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27694	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27698	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27699	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
27700	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
27701	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27702	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27705	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27706	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27707	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27708	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27710	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27711	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27713	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27716	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27718	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	1E-03	--	6E-02
27719	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27721	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27723	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27724	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27725	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27726	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27728	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27729	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27731	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27732	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27733	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27734	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	5E-04	--	6E-02
27736	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27738	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27739	68111	8	6E-05	5E-01	5E-02	--	--	--	4E-01	8E-03	--	1E+00	--	--	--	4E-02	9E-04	--	1E-01
27740	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27742	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
27744	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27745	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27746	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27748	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27750	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27751	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27754	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27755	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27758	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27759	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27762	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27763	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27764	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
27767	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27768	68111	7	2E-05	2E-01	2E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	5E-04	--	3E-02
27769	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27770	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27772	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27773	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27774	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27775	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27776	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27777	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27778	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27779	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27780	68111	8	8E-05	7E-01	7E-02	--	--	--	4E-01	3E-02	--	1E+00	--	--	--	4E-02	3E-03	--	2E-01
27782	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27786	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27789	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27792	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27793	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27794	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27795	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27798	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27803	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27805	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27806	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27807	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27809	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27810	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27813	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27817	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27824	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27827	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27831	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27834	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27845	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27846	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27848	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27850	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27853	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27854	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
27856	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27857	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27859	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
27861	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27862	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27863	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27865	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27866	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27867	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27869	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27871	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27872	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
27874	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27875	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27876	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27878	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27879	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27882	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27883	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27885	68111	8	9E-05	9E-01	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
27886	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27887	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27888	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
27891	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27892	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27893	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27895	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27896	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27897	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27898	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27899	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27901	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27902	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27903	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27904	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27906	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27908	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27909	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27910	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27911	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
27912	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27913	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
27915	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27916	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27918	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
27919	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27920	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	5E-03	--	5E-01	--	--	--	4E-02	6E-04	--	5E-02
27921	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27922	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27923	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
27924	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
27926	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27929	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
27930	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
27931	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
27932	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
27938	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27939	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
27940	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
27941	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27942	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27945	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
27946	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27947	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27948	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
27949	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27950	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27953	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
27954	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27960	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
27962	68111	8	5E-05	6E-01	7E-02	--	--	--	9E-01	3E-02	--	8E-01	--	--	--	9E-02	3E-03	--	9E-02
27969	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27982	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27985	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27987	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27988	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
27991	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
27994	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
27996	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
27997	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
27998	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28000	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28002	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28003	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28004	68111	8	6E-05	8E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
28005	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28007	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28009	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28010	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28011	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
28014	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28015	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28016	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28018	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28019	68111	8	3E-04	2E+00	2E-01	--	--	--	4E-01	8E-03	--	5E+00	--	--	--	5E-02	8E-04	--	5E-01
28020	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
28022	68111	8	2E-05	2E-01	3E-02	--	--	--	3E-01	5E-03	--	3E-01	--	--	--	4E-02	5E-04	--	4E-02
28023	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28024	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28025	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28026	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28027	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28028	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28029	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28032	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28033	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28034	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28035	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28036	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28037	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28038	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28042	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28043	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28044	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28045	68111	8	1E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	5E-02	1E-03	--	3E-02
28046	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28047	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28048	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28049	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28050	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28051	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28054	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28055	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28056	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28057	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28058	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28062	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28063	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28064	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28065	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
28066	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28069	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28072	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
28076	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28078	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28079	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28082	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28083	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
28094	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28096	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28097	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28099	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28100	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28102	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28103	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28104	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28105	68111	8	2E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
28107	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28108	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
28109	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28110	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28111	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28112	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28114	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28119	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28121	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28122	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28125	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28126	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28128	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28129	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28131	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
28133	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28135	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28138	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
28139	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28140	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28141	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28142	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28143	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
28144	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	5E-02
28146	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28147	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28148	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	7E-04	--	7E-02
28149	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28153	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28154	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	7E-03	--	2E-01	--	--	--	4E-02	8E-04	--	2E-02
28156	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28157	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
28159	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28160	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28162	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28169	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28170	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28172	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28174	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28176	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
28177	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28179	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28181	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28182	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28185	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
28186	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	6E-04	--	6E-02
28187	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28188	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
28190	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28191	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28193	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28196	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28197	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28202	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
28204	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28206	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
28212	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28216	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28217	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28218	68111	7	2E-05	2E-01	3E-02	--	--	--	--	3E-02	--	3E-01	--	--	--	--	3E-03	--	4E-02
28219	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28220	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28222	68111	8	3E-05	4E-01	4E-02	--	--	--	5E-01	2E-02	--	5E-01	--	--	--	5E-02	2E-03	--	6E-02
28223	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28227	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28228	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28236	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28237	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28241	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28247	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28254	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28269	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28270	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28272	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28273	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
28277	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28280	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28281	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28283	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28284	68111	8	6E-05	7E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	8E-04	--	1E-01
28285	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28286	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28287	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28288	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28289	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28291	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28294	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28295	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28296	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28297	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28299	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28300	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28301	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28302	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28303	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28305	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28307	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28308	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28310	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28311	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28312	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28313	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28314	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28315	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28316	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28317	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28318	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28319	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28320	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28321	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28322	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28324	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28327	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28329	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
28330	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28331	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28333	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28338	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
28344	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28346	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28348	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28353	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28356	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28359	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28361	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28364	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28366	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28367	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28368	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28371	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28372	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28373	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28375	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
28377	68111	8	4E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
28379	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28382	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28383	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28384	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28385	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28386	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28389	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28390	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28395	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28397	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28398	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28402	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28406	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28407	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28408	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28411	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28412	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28413	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28416	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28417	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
28419	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28420	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28422	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28423	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
28424	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28426	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28427	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28429	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28430	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28432	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28434	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
28435	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28436	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28437	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28448	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28457	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28462	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28466	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
28467	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28468	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28469	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28470	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28471	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28473	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28475	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28477	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28479	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28495	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28497	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28499	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28500	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28503	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28504	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28505	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28506	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28507	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28508	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28510	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28512	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28515	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28517	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28518	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	7E-04	--	7E-02
28519	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28521	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28528	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28529	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28531	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28533	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28534	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28535	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28536	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28537	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28538	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28539	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28540	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28541	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28542	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28543	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28544	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
28547	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28549	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28551	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28552	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28553	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28554	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28555	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28556	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28557	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28558	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	8E-01	--	--	--	4E-02	8E-04	--	8E-02
28559	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28560	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28561	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	6E-04	--	1E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28563	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28565	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28568	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28569	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28570	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28571	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28573	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
28575	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28581	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28583	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28586	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28587	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28589	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28594	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28597	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28598	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28599	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28601	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28602	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28604	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28606	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28607	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28608	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28609	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28610	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28611	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
28612	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	3E-01	--	--	--	4E-02	3E-03	--	3E-02
28613	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28614	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28615	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28616	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28618	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
28621	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28622	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28623	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
28625	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
28626	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28627	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28628	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28629	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28630	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28631	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28632	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28633	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28634	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28637	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28638	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28639	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28640	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28641	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28648	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	3E-03	--	6E-02
28650	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
28653	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28655	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28656	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28659	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28661	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
28665	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28668	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28671	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28677	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28679	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28685	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28688	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
28690	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28691	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28692	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28694	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28709	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
28712	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28713	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	9E-04	--	5E-02
28716	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28720	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
28722	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28723	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28725	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
28728	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28730	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
28732	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28735	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28736	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28737	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28739	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28741	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28744	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28745	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
28746	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28747	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28748	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28749	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
28750	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28752	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28753	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28755	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28757	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28759	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
28760	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28762	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28763	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	4E-03	--	4E-01	--	--	--	4E-02	4E-04	--	4E-02
28764	68111	8	5E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	1E-03	--	1E-01
28766	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
28767	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28770	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28772	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28773	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28775	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28776	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28777	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28778	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28781	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	4E-02	--	4E-01	--	--	--	4E-02	4E-03	--	4E-02
28782	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28784	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28785	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
28786	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28787	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28790	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28792	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28793	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28796	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28798	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
28799	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
28800	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28804	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28806	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28809	68111	8	2E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
28810	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28811	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
28814	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28816	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28818	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28819	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
28821	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
28822	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28825	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28826	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28829	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28831	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28834	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28835	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28836	68111	8	5E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
28837	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
28840	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28841	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
28842	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28843	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28844	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28846	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
28847	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28849	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
28853	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28854	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28856	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28858	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
28864	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28870	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28871	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28872	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28874	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28875	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28877	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28878	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28880	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28881	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
28882	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28884	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28885	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28889	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
28892	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28893	68111	8	3E-05	4E+00	4E-01	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
28895	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
28896	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28900	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28901	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28904	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28909	68111	7	4E-05	4E-01	4E-02	--	--	--	--	1E-02	--	7E-01	--	--	--	--	1E-03	--	8E-02
28911	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28913	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28914	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28917	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28920	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28922	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28927	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28928	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28930	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28933	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28935	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28936	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28939	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28942	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
28943	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28945	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28946	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28947	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28949	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28950	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28951	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28954	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28955	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28956	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28957	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28958	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28959	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
28960	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28961	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28963	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
28964	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28965	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28966	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28967	68111	8	1E-04	2E+00	2E-01	--	--	--	3E+00	1E-02	--	2E+00	--	--	--	3E-01	1E-03	--	2E-01
28968	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28969	68111	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
28970	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28972	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28973	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
28976	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
28978	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
28979	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
28980	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
28983	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28984	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	7E-02
28985	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
28988	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28989	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28991	68111	8	3E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	6E+00	--	--	--	4E-02	1E-03	--	7E-01
28992	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28993	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
28994	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
28996	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
28997	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
28998	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29001	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29002	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	8E-04	--	6E-02
29003	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29004	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29008	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29009	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29013	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29015	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29017	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29023	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
29025	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29031	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29033	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
29034	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29035	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29036	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29037	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
29039	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29041	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29046	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29054	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29056	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29061	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29066	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29070	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29071	68111	8	8E-05	9E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	2E-01
29072	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29074	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29079	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29080	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29082	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29083	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29085	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29088	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29089	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29090	68111	8	4E-05	7E-01	8E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	4E-03	--	8E-02
29099	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29101	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	5E-02	2E-03	--	3E-02
29102	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
29103	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29105	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
29108	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29109	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29111	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29114	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29116	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29118	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29119	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29122	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
29123	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29127	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29128	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29133	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29136	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29138	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29139	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29140	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29142	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29143	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29144	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29145	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29146	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29149	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29150	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29152	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29153	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29155	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
29157	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29160	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29162	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29163	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29165	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
29167	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29168	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29169	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
29171	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29172	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29173	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29174	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29175	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
29176	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29177	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
29178	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29179	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29180	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29181	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	7E-01	--	--	--	4E-02	3E-03	--	7E-02
29182	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29183	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29184	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29185	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29186	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29187	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29189	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29190	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
29191	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29195	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29198	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29200	68111	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
29201	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29204	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
29205	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-02	--	5E-01	--	--	--	1E-01	7E-03	--	6E-02
29206	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29208	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29209	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29211	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29214	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	3E+00	--	--	--	1E-01	2E-03	--	3E-01
29216	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29217	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29219	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29220	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
29221	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29223	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29239	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29240	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
29241	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29242	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29243	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29244	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29245	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29246	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

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SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29247	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29248	68111	8	1E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	5E-02	1E-03	--	2E-02
29250	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29251	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29252	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29253	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29254	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29255	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29258	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29259	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29261	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29262	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29263	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29264	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29265	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29268	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29270	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29272	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29274	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
29279	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29280	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29281	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29285	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
29286	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29291	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29293	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
29294	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29299	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29300	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29301	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29302	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29304	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29306	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29308	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29309	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29311	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29313	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29314	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29316	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29317	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29318	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29321	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29322	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29325	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29328	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
29331	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29333	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29334	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29335	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29336	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29337	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29339	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29342	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29343	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
29344	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29349	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29351	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29354	68111	8	4E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
29355	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29357	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29358	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
29362	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29364	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29366	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29368	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29370	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29373	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29375	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29377	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29378	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29379	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29380	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29381	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29383	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29384	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29385	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29386	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
29391	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29394	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29395	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29396	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29397	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29400	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29401	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29402	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29403	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29404	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29405	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29406	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29408	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29409	68111	8	3E-05	1E+00	1E-01	--	--	--	1E+00	5E-03	--	6E-01	--	--	--	1E-01	6E-04	--	7E-02
29411	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29413	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29416	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29417	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29418	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29419	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
29420	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29425	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29428	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29429	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29430	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29431	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
29432	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
29433	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29434	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29436	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29438	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29440	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29441	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29442	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29444	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29445	68111	8	3E-05	9E-01	1E-01	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
29446	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29449	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29450	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29451	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29454	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29455	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29456	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29457	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29459	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29460	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29461	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29462	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29463	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29464	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29465	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29466	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29467	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29469	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
29470	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29471	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
29472	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29475	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29477	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29479	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29480	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29483	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29484	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29487	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29488	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29489	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29490	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
29491	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29492	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29495	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29497	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29498	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29499	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	7E-01	--	--	--	4E-02	9E-04	--	8E-02
29501	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29502	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29504	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29507	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29512	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29514	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29517	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29520	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29523	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29525	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29526	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29531	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29535	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29537	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29540	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29541	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29543	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29546	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29547	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29548	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29551	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29552	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
29555	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29556	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29557	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29558	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29559	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
29560	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29561	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29562	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29563	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29564	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29565	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29567	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29568	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29569	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29570	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29572	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29574	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29575	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29576	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29577	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29578	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	4E-02
29579	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29580	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29582	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
29583	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29588	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29589	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29592	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29594	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29596	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29597	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29598	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29600	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29602	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29604	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29606	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29607	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29608	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
29612	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29613	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29615	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29616	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29617	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29618	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29620	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
29622	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29623	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29624	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29625	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
29626	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29627	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29630	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29631	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29632	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29633	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
29638	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29641	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29643	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29644	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29646	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29648	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29649	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29650	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29652	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29654	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29655	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29656	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29658	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29660	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29661	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29662	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29664	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29666	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29667	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
29668	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29670	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29671	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
29672	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29673	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29677	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29678	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
29680	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29682	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29683	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
29684	68111	8	5E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
29688	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29689	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	7E-02
29690	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29694	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29695	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29697	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29699	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29700	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29703	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29704	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29705	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29706	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29707	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29709	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29710	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29712	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29713	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29714	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29715	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29717	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
29720	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29721	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29722	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29724	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29727	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29729	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29735	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29737	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29739	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29741	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29755	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29760	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29764	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29769	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29770	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29771	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
29772	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29775	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29777	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
29779	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29780	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29781	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29783	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29784	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29785	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29787	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29788	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29790	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29791	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29792	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29793	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29794	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29797	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29798	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29800	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29801	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29803	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29804	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29806	68111	8	1E-05	2E-01	3E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	5E-02	7E-04	--	3E-02
29807	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29808	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29809	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29811	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29814	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29815	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29816	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29817	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29818	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
29819	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29820	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29821	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29823	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29824	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
29825	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29826	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
29827	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
29829	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29831	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29832	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29835	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29837	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29839	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29840	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29842	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29845	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29848	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29849	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29851	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
29855	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29857	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29859	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29860	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29861	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29864	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29867	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29871	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29881	68111	8	2E-04	1E+00	2E-01	--	--	--	4E-01	6E-02	--	4E+00	--	--	--	4E-02	6E-03	--	4E-01
29889	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
29890	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
29891	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29893	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29895	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29896	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29897	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29898	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29904	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29905	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29907	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29910	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
29912	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
29915	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29918	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29919	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29922	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
29923	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29926	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29927	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
29928	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29930	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29932	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29933	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29935	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29937	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29940	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29944	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
29945	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29948	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
29949	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
29953	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
29954	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
29956	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29960	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29961	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29962	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29963	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29964	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29965	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
29966	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
29967	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29968	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
29969	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29970	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29973	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29974	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
29975	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29977	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
29978	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
29980	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29981	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29982	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29983	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
29984	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29986	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
29988	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
29990	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29991	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
29992	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29993	68111	8	2E-04	1E+00	2E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
29994	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
29995	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29996	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29998	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
29999	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30001	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30002	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30004	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30005	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30007	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30008	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30012	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
30014	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30019	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30021	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30029	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30032	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30036	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30039	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30041	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30042	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30044	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30045	68111	8	2E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	4E+00	--	--	--	4E-02	2E-03	--	4E-01
30048	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30050	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
30052	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30054	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30058	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30060	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30062	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30063	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30065	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30067	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30068	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
30070	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30071	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30072	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30074	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30075	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30076	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30077	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30078	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
30080	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30081	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
30082	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30083	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30084	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30085	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30086	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30087	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30088	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30089	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30090	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30091	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30092	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30094	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30095	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30109	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30111	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30115	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30116	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30117	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30119	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30120	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30121	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30122	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30123	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
30128	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30130	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
30131	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30132	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30133	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
30135	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30136	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30139	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30141	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30143	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30144	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30145	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30146	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30147	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30150	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30153	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30154	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30155	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30156	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30158	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30159	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30161	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
30164	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30166	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30167	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30168	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30169	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
30171	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
30173	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30174	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30175	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30176	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30177	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
30179	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30180	68111	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
30182	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
30184	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30185	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30187	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30188	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30190	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30192	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30195	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30198	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30201	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30204	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30208	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30209	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30211	68111	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
30212	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30219	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30220	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
30221	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30222	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30224	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30225	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	7E-02
30226	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30227	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30230	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
30231	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30233	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30234	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30235	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30236	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30237	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30238	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30239	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30240	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30241	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30242	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30243	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30244	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
30246	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30249	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30251	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30252	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30253	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
30254	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30256	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30257	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30258	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30259	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30261	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30262	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30267	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30268	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30272	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30273	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30274	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30275	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30276	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30278	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30282	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30286	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30289	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30290	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30292	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30293	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30295	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30296	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30297	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30298	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30299	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30300	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30304	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30312	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30319	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30320	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30325	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30329	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30333	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30338	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30339	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30345	68111	8	1E-05	2E-01	3E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	3E-02
30346	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30347	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
30350	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30354	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30355	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30358	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30360	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30361	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30362	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30366	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30367	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30374	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30379	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30382	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30383	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30384	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30387	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
30391	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30392	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30396	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30398	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30399	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30404	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30406	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30408	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30412	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30413	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30415	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30416	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30417	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
30418	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30419	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30420	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	4E-02	--	3E-01	--	--	--	1E-01	5E-03	--	3E-02
30421	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30425	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30426	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30427	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30430	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30432	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30434	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	4E-03	--	7E-02
30439	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30441	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30444	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30445	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30447	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30448	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30449	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30450	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30451	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30452	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30453	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30454	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30455	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
30456	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30457	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30458	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30460	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30461	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30462	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	1E-03	--	6E-02
30464	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30465	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30468	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30471	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30474	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30488	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30490	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30494	68111	8	3E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
30496	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30497	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30501	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30502	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30503	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30504	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
30505	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30506	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30507	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30513	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30514	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30515	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30517	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30521	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
30523	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30525	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30526	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	9E-04	--	3E-01
30528	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30531	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30534	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30536	68111	7	4E-05	4E-01	4E-02	--	--	--	--	3E-02	--	7E-01	--	--	--	--	3E-03	--	8E-02
30539	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30540	68111	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
30545	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30547	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30549	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30550	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30552	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30557	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30561	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30562	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30563	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
30564	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
30567	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30569	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30571	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30572	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30574	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30577	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30578	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30580	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
30581	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30586	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30587	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30589	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30591	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30595	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30603	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30605	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30606	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30608	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30610	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30612	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30617	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
30621	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30622	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30623	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30625	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
30627	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
30628	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30630	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
30635	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30638	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30639	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30640	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30641	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30642	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30643	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30644	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
30645	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	7E-02
30646	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30647	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30648	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30649	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
30652	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30656	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30661	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
30662	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30664	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30666	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30667	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30669	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
30670	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30672	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30674	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30677	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30679	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30683	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
30684	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30685	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30686	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
30687	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30690	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30693	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30694	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30695	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30697	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30699	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
30700	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
30701	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30703	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30704	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30707	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30708	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30709	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30713	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30714	68111	7	2E-05	3E-01	3E-02	--	--	--	--	3E-02	--	4E-01	--	--	--	--	3E-03	--	5E-02
30716	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30717	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30718	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30722	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30723	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30729	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30731	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30732	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30737	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30742	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30743	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30744	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30745	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30746	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30747	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30750	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30751	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30752	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30754	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30756	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
30757	68111	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30761	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30762	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30764	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30767	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30768	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30770	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30772	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30773	68111	1	--	8E-02	9E-03	--	--	--	--	8E-02	--	--	--	--	--	--	9E-03	--	--
30775	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30777	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30780	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30781	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30783	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30790	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30793	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30795	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
30800	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30802	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
30804	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30805	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30807	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30808	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30812	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30813	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
30814	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30816	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
30817	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	4E-02
30818	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30819	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30823	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30824	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30825	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30826	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30829	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30830	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30831	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30833	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30835	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30836	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	6E-04	--	6E-02
30837	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
30838	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30841	68111	8	3E-05	5E-01	5E-02	--	--	--	7E-01	2E-02	--	6E-01	--	--	--	7E-02	2E-03	--	6E-02
30843	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30844	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30848	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30849	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30856	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30857	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30859	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30861	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30863	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30864	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30868	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30871	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30873	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30877	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
30881	68111	7	2E-05	3E-01	3E-02	--	--	--	--	7E-03	--	4E-01	--	--	--	--	7E-04	--	4E-02
30882	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
30884	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30886	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30887	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30888	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
30889	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30893	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30897	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30898	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30899	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30901	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30902	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30903	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30905	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30906	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30908	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30909	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30911	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30912	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
30913	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30914	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
30916	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30917	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
30918	68111	7	3E-05	3E-01	3E-02	--	--	--	--	6E-03	--	6E-01	--	--	--	--	7E-04	--	7E-02
30920	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30922	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30923	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30926	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30927	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
30928	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30929	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
30931	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30932	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
30933	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
30935	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30937	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30939	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	4E-03	--	4E-01	--	--	--	1E-01	5E-04	--	4E-02
30941	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30942	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30943	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30948	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30949	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30953	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
30955	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
30956	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
30959	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30960	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30962	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
30967	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
30968	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30969	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
30970	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30972	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30973	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30976	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30978	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	4E-02
30979	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
30981	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30983	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30984	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30985	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30988	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30989	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
30990	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
30991	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
30995	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
30997	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	7E-04	--	5E-02
30999	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31001	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31003	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31004	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31007	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31008	68111	8	2E-05	2E-01	3E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	5E-02	8E-04	--	3E-02
31009	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31010	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31011	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31012	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31014	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31015	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31016	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31017	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31019	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31022	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31026	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31027	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31029	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31030	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31031	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31032	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31034	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31036	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31037	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31041	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31042	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
31044	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31045	68111	8	3E-04	2E+00	2E-01	--	--	--	1E+00	5E-03	--	5E+00	--	--	--	1E-01	6E-04	--	6E-01
31046	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
31051	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31052	68111	8	2E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
31054	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31055	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31056	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
31057	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31058	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31061	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31062	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31065	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31067	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31071	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
31072	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31074	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	7E-04	--	7E-02
31076	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	7E-04	--	4E-02
31078	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31080	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31081	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
31086	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31088	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31090	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31093	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31095	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31099	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31100	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31101	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31102	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
31103	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31104	68111	8	7E-05	8E-01	9E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	7E-04	--	1E-01
31106	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31107	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31108	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31109	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31112	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31113	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31114	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31116	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31117	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31118	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31120	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
31122	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31125	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31127	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31129	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
31131	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
31133	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31134	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31136	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31138	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31139	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31141	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
31142	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31143	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31145	68111	8	6E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
31146	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31148	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31152	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31154	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31156	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31161	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31162	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31163	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
31164	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31168	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31169	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31171	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31175	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31176	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
31178	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31179	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31180	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31182	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31183	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31185	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31186	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
31188	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31189	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
31190	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31191	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31192	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
31198	68111	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
31202	68111	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
31203	68111	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
31206	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
31207	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
31208	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31211	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31212	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31215	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31221	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31222	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31225	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31227	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31229	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
31232	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31234	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31236	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31237	68111	8	9E-05	7E-01	7E-02	--	--	--	3E-01	1E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
31239	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31242	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31243	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31246	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
31248	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31251	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31252	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31253	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31254	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31255	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31256	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31257	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31259	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31262	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	4E-02	--	7E-01	--	--	--	1E-01	4E-03	--	8E-02
31265	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31266	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31267	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31268	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31269	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31271	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31272	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31273	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31274	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31275	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31276	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31277	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31280	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31282	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31284	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31287	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31291	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31300	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
31302	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31303	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
31304	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31305	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31309	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31310	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31311	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31312	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31313	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31316	68111	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
31321	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31324	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31325	68111	1	--	9E-02	1E-02	--	--	--	--	9E-02	--	--	--	--	--	--	1E-02	--	--
31328	68111	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
31330	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31331	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31333	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31334	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31336	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31337	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31338	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31339	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31340	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31341	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31344	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31348	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31352	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31353	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31355	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31356	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31357	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
31358	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31360	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
31361	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	4E-02	--	6E-01	--	--	--	1E-01	5E-03	--	6E-02
31362	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
31363	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31364	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31365	68111	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	9E-04	--	6E-02
31366	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
31368	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31370	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31372	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31373	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31374	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31375	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31376	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31377	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
31378	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31379	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31381	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31382	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31386	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31387	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31390	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31393	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31395	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31397	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31398	68111	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	5E-02
31400	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31403	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31408	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	5E-02	--	1E-01	--	--	--	1E-01	5E-03	--	1E-02
31409	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31411	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31413	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31414	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31415	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31416	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31417	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31418	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31419	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31421	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31423	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31425	68111	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
31426	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31427	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31429	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31430	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31431	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31432	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31433	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
31434	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31435	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31436	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31437	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31438	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31439	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31440	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31441	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31442	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
31443	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31444	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
31445	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31446	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31447	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31449	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31450	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31451	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31452	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31453	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31454	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31455	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31456	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31457	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	4E-02	--	7E-01	--	--	--	4E-02	4E-03	--	7E-02
31458	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31463	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31464	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31465	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31467	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31468	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31469	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31470	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31471	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31473	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31476	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31478	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
31479	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31480	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31481	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31483	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31484	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31485	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31487	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31488	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31489	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31491	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31494	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31495	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31498	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31499	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31500	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31501	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31505	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31506	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31507	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31509	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31510	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31515	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31516	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31517	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
31519	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31520	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31522	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31525	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31527	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31528	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31529	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31532	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31533	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31534	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31540	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31541	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31544	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31546	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31547	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31548	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31553	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31555	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31558	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31560	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31561	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31565	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31566	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31567	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31569	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31572	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31574	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31576	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31577	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31581	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31582	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31583	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
31585	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31586	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31588	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31589	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31591	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31593	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31595	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31597	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31598	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31599	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31600	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31602	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31603	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	4E-02	--	7E-01	--	--	--	1E-01	4E-03	--	8E-02
31604	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31606	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31607	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
31608	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31612	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31613	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31615	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
31616	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31617	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31618	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31619	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31620	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31622	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31624	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31626	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31627	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31628	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31629	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31631	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31635	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31636	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31638	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31640	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31641	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31643	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31644	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31646	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31647	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31650	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31651	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31654	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31655	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31656	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31659	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31660	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31661	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31662	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31664	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31666	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31668	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31670	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31671	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31672	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31674	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31678	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31679	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31680	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31681	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31682	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31683	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31686	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31691	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31692	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31694	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31695	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	7E-02
31697	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31698	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
31699	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31700	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31702	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31704	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
31708	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31710	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31712	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31713	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31714	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31715	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31716	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31717	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31718	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31721	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31722	68111	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
31723	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31724	68111	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
31725	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31728	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31729	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31732	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31733	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
31734	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31735	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31736	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31740	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
31741	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31742	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31744	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31746	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31747	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31748	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31751	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31752	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31754	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31755	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
31756	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31758	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31759	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31762	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31763	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31764	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31765	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31766	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31769	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31770	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31771	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31772	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31773	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31774	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31775	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31776	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31777	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31778	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31779	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31780	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31783	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31784	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31785	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31786	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31788	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
31789	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31790	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31791	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31793	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31794	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31795	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31796	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31797	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31799	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
31800	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31801	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
31803	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
31804	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
31805	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31806	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31808	68111	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
31809	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31810	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31811	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31812	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31813	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31816	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31817	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31819	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31821	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31822	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31823	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
31824	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31825	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31826	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31827	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31828	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31831	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31835	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31836	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31838	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31839	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31840	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31841	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31843	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31844	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31845	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31846	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31849	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31850	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
31851	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31852	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31853	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
31854	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
31856	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31858	68111	8	7E-05	8E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
31859	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31860	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31861	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31862	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31864	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31865	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31868	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
31869	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
31871	68111	8	6E-05	7E-01	8E-02	--	--	--	1E+00	7E-03	--	1E+00	--	--	--	1E-01	8E-04	--	1E-01
31872	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31873	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31874	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31875	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31876	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31878	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
31879	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31880	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31882	68111	8	2E-04	2E+00	2E-01	--	--	--	1E+00	6E-03	--	4E+00	--	--	--	1E-01	7E-04	--	4E-01
31887	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
31889	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31891	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31892	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31894	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31895	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31896	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
31899	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
31901	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31904	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31906	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31907	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
31908	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31910	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31911	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	8E-03	--	9E-01	--	--	--	1E-01	9E-04	--	1E-01
31913	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31915	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31916	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
31919	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31921	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31922	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31923	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31924	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31925	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
31927	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31928	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31929	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31930	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31932	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
31935	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31936	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
31938	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31940	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31941	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31943	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31944	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31945	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31946	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31947	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
31949	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
31952	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31955	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31960	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
31961	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
31964	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
31965	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
31967	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31968	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31970	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
31972	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31973	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31974	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31975	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
31976	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
31977	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
31978	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31980	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31981	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31983	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31985	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
31986	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
31987	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
31988	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31991	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
31994	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
31996	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
31998	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
31999	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32000	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32001	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
32003	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32006	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32007	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32011	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32012	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32013	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32014	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
32015	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32016	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
32017	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32018	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32020	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32021	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	7E-04	--	8E-02
32022	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
32023	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32024	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32025	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32026	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32028	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32033	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32034	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32036	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32038	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32040	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
32041	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32042	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32046	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
32047	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32048	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32049	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
32050	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
32051	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32052	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32053	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32055	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32057	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32058	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32059	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32061	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32064	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32065	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32066	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32067	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32070	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
32073	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32075	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32077	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32079	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32081	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	4E-02	--	1E-01	--	--	--	1E-01	4E-03	--	1E-02
32085	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32087	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32089	68111	8	7E-05	8E-01	9E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
32090	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32091	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32092	68111	8	2E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
32093	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32095	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32096	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32097	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32098	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32101	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32102	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32103	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32104	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32105	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32107	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32108	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32109	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32111	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32112	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32114	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32115	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32116	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32117	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32119	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32120	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32123	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32124	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32125	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32126	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32128	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32129	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32131	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32133	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32134	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32136	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32137	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32138	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32139	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32140	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32147	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32148	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32149	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32152	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32153	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	6E-02
32154	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32155	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32156	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32159	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32160	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32162	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	4E-02	--	5E-01	--	--	--	1E-01	4E-03	--	6E-02
32163	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32164	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32166	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32167	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32168	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	6E-03	--	5E-01	--	--	--	4E-02	7E-04	--	6E-02
32169	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32170	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32172	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32177	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32178	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32179	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32180	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32181	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32182	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32183	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32184	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32185	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32186	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32187	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32189	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32190	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32193	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32194	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32196	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32197	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32200	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32204	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32205	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32208	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	8E-04	--	7E-02
32209	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32210	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32212	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32213	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32218	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32219	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32221	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32222	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32224	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32225	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32226	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32227	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32228	68111	8	8E-05	9E-01	9E-02	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
32230	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32231	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32232	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32234	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32235	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32237	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32239	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32240	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32241	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32243	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32244	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32246	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32248	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32249	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32250	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32251	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32252	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
32253	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32255	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32256	68111	8	4E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
32260	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32261	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
32262	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32263	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32264	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32265	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32266	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32267	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	7E-01	--	--	--	1E-01	7E-04	--	7E-02
32270	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32272	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32274	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32276	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	4E-02	--	6E-01	--	--	--	4E-02	4E-03	--	6E-02
32277	68111	8	4E-05	4E-01	4E-02	--	--	--	5E-01	1E-02	--	7E-01	--	--	--	5E-02	1E-03	--	8E-02
32278	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32279	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32280	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32281	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32282	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32283	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	6E-02
32284	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
32285	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32286	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32287	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	7E-02
32288	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32289	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
32291	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32293	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
32296	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32297	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32300	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32303	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32304	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32305	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32306	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32307	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32308	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32309	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32311	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
32314	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32315	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32316	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
32318	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32319	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32320	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32321	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32322	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32324	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32325	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	3E-01	--	--	--	4E-02	7E-04	--	4E-02
32326	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32327	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32328	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32330	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32331	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32332	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32334	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32335	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32336	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32337	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32338	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32339	68111	7	2E-05	2E-01	2E-02	--	--	--	--	7E-03	--	3E-01	--	--	--	--	8E-04	--	3E-02
32340	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32341	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32342	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32345	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32346	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	8E-04	--	5E-02
32347	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32348	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32349	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32350	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32351	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32352	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32353	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32355	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32358	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32359	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32360	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32364	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32365	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32367	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32368	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32369	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32370	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32372	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32375	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32377	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32378	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32379	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32380	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32381	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32382	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32384	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32385	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32386	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32388	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32390	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
32391	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32393	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32395	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32396	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32398	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32399	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32400	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32403	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32405	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32407	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32409	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32410	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32411	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32412	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32414	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
32415	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32416	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32417	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32418	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
32419	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32420	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32421	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32425	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32427	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32428	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	7E-02
32429	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
32430	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32431	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32432	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32434	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32435	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32436	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32437	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32438	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32441	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
32442	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32443	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32444	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
32445	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32447	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32449	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32450	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32451	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32452	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32453	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32454	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32455	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
32456	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
32457	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32458	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	8E-02
32460	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32461	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32464	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32466	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32467	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32472	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32473	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32474	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32475	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32476	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32477	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32478	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32479	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32481	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32482	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32483	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32486	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32487	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32488	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32490	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32491	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32492	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32494	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32496	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32497	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
32499	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32501	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32502	68111	7	2E-05	3E-01	3E-02	--	--	--	--	5E-03	--	4E-01	--	--	--	--	5E-04	--	4E-02
32504	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32506	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32509	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32510	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32512	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32513	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32515	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32517	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32518	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32522	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32523	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32524	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
32527	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32528	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32530	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32533	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32534	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32535	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32537	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32539	68111	8	5E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	8E-01	--	--	--	4E-02	9E-04	--	9E-02
32542	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32543	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32544	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32545	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32546	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32547	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
32549	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32550	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32551	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32553	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32554	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32557	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32558	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32559	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32560	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32561	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32562	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
32563	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32565	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32567	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32569	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32571	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32572	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32573	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32574	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32575	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32576	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32577	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32578	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32580	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32581	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
32582	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32585	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32586	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32587	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32589	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32591	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32592	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32593	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32594	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32596	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	5E-02	9E-04	--	4E-02
32597	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32599	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32600	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32602	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32603	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32604	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32606	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32607	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32608	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32611	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32612	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32613	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32615	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32616	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32618	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32620	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32622	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32623	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32629	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32630	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32631	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32632	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32633	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	4E-02	9E-04	--	6E-02
32639	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32640	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32642	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32643	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32644	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32646	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32648	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32656	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32661	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32662	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32663	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32664	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32665	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32667	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32668	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32669	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32671	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32673	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
32674	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32675	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32677	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32678	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
32679	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32680	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32681	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32682	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32684	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32686	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
32687	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32688	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32690	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32692	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32693	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32694	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32695	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32696	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
32697	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32699	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32701	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32702	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
32703	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32704	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32706	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32708	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
32709	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32713	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32714	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32715	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32717	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32718	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32722	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32724	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32726	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
32736	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	5E-02	2E-03	--	8E-02
32740	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32741	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32745	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32746	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32747	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32748	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32749	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32753	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32755	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32756	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32757	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32758	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32760	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32761	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32764	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32765	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32768	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32770	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32771	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32775	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
32776	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32777	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32778	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32779	68111	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
32780	68111	8	3E-04	2E+00	2E-01	--	--	--	1E+00	8E-03	--	5E+00	--	--	--	1E-01	8E-04	--	5E-01
32781	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32782	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32783	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
32784	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32785	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32787	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32789	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32791	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32792	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32793	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32794	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32795	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32797	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32798	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32800	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32802	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32803	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32804	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32805	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32806	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32807	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32808	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32809	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32810	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32813	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32816	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32817	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32818	68111	8	2E-04	1E+00	1E-01	--	--	--	4E-01	1E-02	--	4E+00	--	--	--	4E-02	1E-03	--	4E-01
32819	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32821	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32823	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32824	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32825	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32827	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32830	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32831	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32833	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32834	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32835	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32836	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32837	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32840	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32841	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32843	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32844	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32845	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32847	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
32848	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32851	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
32852	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
32853	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
32854	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32856	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32857	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32858	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32859	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32860	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32861	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32862	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32863	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
32865	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32866	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32868	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32871	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32873	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32874	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	6E-04	--	5E-02
32876	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
32877	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32878	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32879	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32880	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32881	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32882	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32884	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32885	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
32886	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32888	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32889	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32890	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32891	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
32892	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
32893	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32894	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32896	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
32898	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32900	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32902	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32904	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32905	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32907	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32909	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32910	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32912	68111	8	2E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
32914	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
32916	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32917	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32921	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32922	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
32924	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32926	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
32928	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32929	68111	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
32930	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32931	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
32932	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32933	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32935	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32940	68111	8	2E-05	2E-01	3E-02	--	--	--	4E-01	2E-02	--	3E-01	--	--	--	4E-02	2E-03	--	4E-02
32941	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32942	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32946	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32948	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32949	68111	8	2E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	4E+00	--	--	--	1E-01	1E-03	--	4E-01
32953	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32956	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32957	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32958	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32960	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
32963	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
32965	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32967	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32968	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
32969	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
32970	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32971	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
32972	68111	8	2E-04	2E+00	2E-01	--	--	--	1E+00	6E-03	--	4E+00	--	--	--	1E-01	6E-04	--	4E-01
32973	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	8E-02
32974	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
32976	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
32977	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
32978	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
32979	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32982	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32983	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32984	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32985	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
32987	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
32989	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
32990	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
32991	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
32992	68111	7	7E-05	6E-01	6E-02	--	--	--	--	8E-03	--	1E+00	--	--	--	--	8E-04	--	1E-01
32994	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32997	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
32998	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
32999	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33000	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33001	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33003	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33004	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33005	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33007	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33008	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33009	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
33010	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33011	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33012	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
33013	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33014	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
33015	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33016	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33018	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33024	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33025	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33027	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33028	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33030	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33031	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33032	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33033	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33034	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33035	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33036	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
33037	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	4E-02	--	5E-01	--	--	--	1E-01	5E-03	--	6E-02
33040	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33041	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33042	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	4E-02	9E-04	--	6E-02
33043	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
33044	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33047	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33048	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33049	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33050	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33051	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33052	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33053	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33054	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33055	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33056	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33058	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33059	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33060	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
33061	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33062	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
33063	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33069	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33072	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33073	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33075	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33076	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33077	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33079	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33081	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33086	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
33088	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33089	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33092	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33093	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33094	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33095	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33099	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33101	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33103	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33104	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33105	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33106	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33107	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33108	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33109	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33111	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33112	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33114	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33115	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33116	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33117	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33118	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33120	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
33121	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33123	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33124	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33126	68111	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
33129	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33133	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33134	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33135	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33137	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33139	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
33140	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33141	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33142	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33143	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33144	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33145	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33146	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33148	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33149	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33150	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33153	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33154	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33155	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33156	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33157	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33158	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33159	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33160	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33162	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33164	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33165	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33166	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33167	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33168	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33169	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33170	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33172	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33173	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33175	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33177	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
33179	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33180	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
33181	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33182	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33185	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33186	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33187	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33188	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33189	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33190	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33192	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33198	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33200	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33201	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33202	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33204	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33205	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33206	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
33207	68111	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
33208	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33210	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33211	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33213	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33214	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33217	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33221	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33222	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33223	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33224	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33226	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33228	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33230	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33233	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33235	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33236	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33239	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33240	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33242	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33243	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33244	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33245	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33247	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33248	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33250	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33251	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33252	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33256	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33259	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33260	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33261	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33262	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33263	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
33264	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33266	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33270	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33271	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33274	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33275	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33283	68111	1	--	1E-01	2E-02	--	--	--	--	1E-01	--	--	--	--	--	--	2E-02	--	--
33284	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33292	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33293	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33296	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	6E-02
33302	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33303	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33307	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33309	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33310	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33312	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33313	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33314	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
33316	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33317	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	5E-02
33319	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33320	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33321	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33324	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33325	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33327	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33329	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33331	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33332	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33333	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33334	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33335	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33336	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33339	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33342	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33343	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33346	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33347	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33348	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33349	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33350	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33351	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33355	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33356	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33357	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33358	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33360	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33361	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33362	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33365	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33368	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33369	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33372	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	5E-02	--	6E-01	--	--	--	1E-01	6E-03	--	6E-02
33373	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33374	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33377	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33378	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33380	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33382	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33383	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33384	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33385	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33386	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33389	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33390	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33391	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33392	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
33395	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33397	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33398	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33400	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33401	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33405	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33406	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33407	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33408	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33411	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33412	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33414	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33415	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33416	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33419	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33424	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33425	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33429	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33430	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33431	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33432	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33433	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33436	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33437	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33438	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33439	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33441	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33442	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33447	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33450	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33451	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33453	68111	7	8E-05	6E-01	7E-02	--	--	--	--	8E-03	--	1E+00	--	--	--	--	9E-04	--	2E-01
33456	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
33460	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33461	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33462	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33463	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33465	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33467	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33469	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33470	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33478	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33479	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33480	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
33482	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33484	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33485	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33489	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33490	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
33492	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	9E-04	--	7E-02
33493	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33495	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33496	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33499	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33501	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33503	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33504	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33506	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33511	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33515	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33517	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33520	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33521	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33522	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33523	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33525	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33526	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33530	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33531	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33534	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33538	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33542	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33544	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33545	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33546	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33549	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33551	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33552	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33556	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33558	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33559	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33561	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33564	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33565	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33566	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33567	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33569	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33570	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33571	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33572	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33573	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33574	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33577	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33578	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33580	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33581	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
33583	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33584	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33587	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33588	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33593	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33597	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33598	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33600	68111	8	7E-05	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
33601	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33603	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33604	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33607	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
33608	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33609	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33610	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33612	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33614	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33618	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33619	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33621	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33623	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33628	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33630	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
33631	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
33633	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33634	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33637	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33641	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33644	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33645	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33647	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
33648	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33650	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33651	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33652	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33654	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33658	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33661	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33662	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33664	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33665	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33666	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33667	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33668	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33669	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33671	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33672	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33673	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33674	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33676	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33678	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33680	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33683	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33685	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33686	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33689	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33690	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33696	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
33701	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33702	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33703	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33704	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33705	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33707	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33708	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33710	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33711	68111	8	2E-05	2E-01	2E-02	--	--	--	3E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
33712	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33713	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
33715	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33716	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33717	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33719	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33720	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33721	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33722	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33723	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33724	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33727	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33729	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33730	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33733	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33734	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33736	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33737	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33738	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33740	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33741	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
33742	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33743	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33744	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33745	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33746	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33750	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33751	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33752	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33753	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33755	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33757	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33759	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33760	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33761	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33763	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33764	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33767	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33768	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33769	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33772	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
33780	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33781	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33782	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33785	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33786	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33788	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33792	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33794	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33795	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33796	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33797	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33799	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33802	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33803	68111	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
33804	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33805	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
33806	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
33807	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33809	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33810	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33813	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
33817	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33818	68111	7	2E-05	3E-01	3E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	9E-04	--	5E-02
33822	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33823	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33827	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33831	68111	8	9E-05	7E-01	7E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
33832	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33833	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
33835	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33839	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33843	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33844	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33845	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33848	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33850	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33851	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
33856	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
33859	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33861	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33863	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	7E-02
33865	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33868	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33869	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33870	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33871	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33873	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33875	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
33878	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33885	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33889	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33891	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33895	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33896	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
33899	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33900	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33901	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33903	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
33908	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33910	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33911	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33913	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33915	68111	8	2E-05	3E-01	3E-02	--	--	--	3E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
33919	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33923	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33924	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33930	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33931	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33932	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33933	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33937	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33938	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
33939	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33942	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33944	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33945	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
33947	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
33948	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33949	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
33950	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33951	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
33953	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
33954	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33955	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33956	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33957	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33959	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33964	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33966	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33967	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33971	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
33972	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
33976	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
33977	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33978	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
33981	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33983	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
33985	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
33987	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
33988	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33989	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
33992	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
33993	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
33995	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33996	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
33997	68111	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
33998	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34001	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34003	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34004	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34005	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34006	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34008	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34011	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34014	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34015	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34016	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34017	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34018	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34019	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34021	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34025	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34026	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34028	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34031	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34032	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34036	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34037	68111	7	9E-05	7E-01	7E-02	--	--	--	--	1E-02	--	2E+00	--	--	--	--	1E-03	--	2E-01
34040	68111	8	8E-05	9E-01	9E-02	--	--	--	1E+00	4E-02	--	2E+00	--	--	--	1E-01	4E-03	--	2E-01
34042	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34043	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34044	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34051	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34052	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34056	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34059	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
34060	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
34061	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34062	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34063	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34064	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34065	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34066	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34067	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34069	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34070	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34074	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34075	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
34077	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34078	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34079	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34080	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34082	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34083	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34084	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34085	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34086	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34087	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34088	68111	8	1E-04	1E+00	1E-01	--	--	--	4E-01	8E-03	--	3E+00	--	--	--	4E-02	9E-04	--	3E-01
34090	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34091	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34094	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34095	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34099	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34101	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34103	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34105	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34107	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34111	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34112	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34113	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34118	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34119	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34120	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34125	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34126	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
34127	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34128	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-02	--	5E-01	--	--	--	4E-02	9E-03	--	5E-02
34129	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34130	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34131	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34135	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34136	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34137	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34139	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34140	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34141	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34142	68111	8	9E-04	6E+00	6E-01	--	--	--	1E+00	1E-02	--	2E+01	--	--	--	1E-01	1E-03	--	2E+00
34143	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34144	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34145	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34146	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34147	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34149	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34151	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34153	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34154	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34155	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34156	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34157	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34158	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34160	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34161	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34163	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34164	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34165	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34169	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34170	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34173	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
34179	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
34180	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34181	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34182	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34183	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34184	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34186	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34187	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34192	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34193	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34194	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34196	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34197	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34198	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34199	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34200	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
34202	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34203	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34204	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34207	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34209	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34211	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34212	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34215	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34216	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34217	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34219	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
34220	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34221	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34222	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	3E-01
34223	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34224	68111	8	3E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
34225	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
34226	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34228	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34229	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34231	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34233	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34234	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34238	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34247	68111	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
34248	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34250	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34251	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	8E-02
34252	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34253	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34255	68111	8	4E-04	3E+00	3E-01	--	--	--	1E+00	1E-02	--	6E+00	--	--	--	1E-01	1E-03	--	7E-01
34257	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	3E-03	--	9E-02
34258	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34259	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34314	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34315	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34317	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34320	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	5E-02	1E-03	--	7E-02
34326	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34327	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34329	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34331	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34333	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34334	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34336	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34342	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34344	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34347	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
34348	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34351	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34355	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34370	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34371	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	3E-03	--	8E-02
34372	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34373	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34374	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34376	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34377	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
34380	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34382	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34383	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34384	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34385	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34386	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34387	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
34389	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34391	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34392	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34393	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34395	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34396	68111	8	5E-05	7E-01	8E-02	--	--	--	1E+00	8E-03	--	8E-01	--	--	--	1E-01	9E-04	--	9E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34400	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34401	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34402	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34403	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34404	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34406	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34407	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34408	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34409	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34410	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34414	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34416	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34421	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34422	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34423	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34424	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34425	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34426	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34428	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34429	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34430	68111	7	1E-04	8E-01	9E-02	--	--	--	--	8E-03	--	2E+00	--	--	--	--	8E-04	--	2E-01
34432	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34433	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34434	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34443	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34444	68111	8	4E-04	3E+00	3E-01	--	--	--	1E+00	3E-02	--	7E+00	--	--	--	1E-01	3E-03	--	7E-01
34445	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34448	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34450	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34454	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34456	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34460	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34462	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34468	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34470	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34471	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
34472	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34474	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34476	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34478	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	5E-02	9E-04	--	4E-02
34480	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34481	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34484	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34485	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34487	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34489	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34490	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34491	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34492	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34496	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34497	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34499	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34500	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34502	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34503	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
34505	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34506	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34507	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34509	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34512	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34518	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34521	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
34522	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34523	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34527	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34535	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34538	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34539	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34545	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34547	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34550	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34553	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34555	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34558	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34560	68111	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
34562	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	5E-04	--	5E-02
34565	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34568	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34570	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34572	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34574	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34575	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34580	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34581	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34583	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34586	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34591	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34594	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34595	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
34599	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34600	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34605	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34606	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34609	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34612	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34615	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34616	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34621	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
34624	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34626	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
34627	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34628	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
34629	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34635	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34639	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
34648	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34651	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34654	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34663	68111	7	4E-05	3E-01	4E-02	--	--	--	--	9E-03	--	6E-01	--	--	--	--	1E-03	--	7E-02
34665	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34668	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34669	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	6E-02
34670	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34672	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34676	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34679	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34684	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34685	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34686	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34689	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
34690	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34691	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	6E-03	--	7E-01	--	--	--	4E-02	7E-04	--	8E-02
34693	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34699	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34701	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34703	68111	8	3E-05	1E+00	1E-01	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
34706	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34707	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34709	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
34711	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34713	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34729	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34735	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34743	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34747	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34748	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34749	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34751	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34755	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
34758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34759	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34766	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
34767	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34771	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34777	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34778	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
34780	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34781	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34784	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34790	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34792	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34794	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34797	68111	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
34799	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
34801	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34805	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34812	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34814	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34817	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34820	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34822	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34826	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34827	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34829	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34830	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34833	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34835	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34836	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34852	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34853	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
34856	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34862	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34863	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34864	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34867	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34868	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34869	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34872	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34874	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
34876	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34881	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34884	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34887	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34888	68111	8	7E-05	2E+00	3E-01	--	--	--	5E+00	2E-02	--	1E+00	--	--	--	6E-01	2E-03	--	1E-01
34889	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
34892	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	5E-03	--	6E-01	--	--	--	4E-02	5E-04	--	6E-02
34896	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34897	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34898	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34904	68111	8	3E-05	3E-01	3E-02	--	--	--	3E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	5E-02
34908	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34911	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34916	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34917	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
34918	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34920	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34921	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
34922	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34923	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	6E-02
34925	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34926	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34928	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34930	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34931	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
34934	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34935	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34936	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	3E-03	--	5E-02
34938	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34940	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34941	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34942	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34943	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34944	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
34945	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
34946	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34948	68111	8	6E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
34950	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34953	68111	7	4E-05	3E-01	4E-02	--	--	--	--	3E-02	--	7E-01	--	--	--	--	3E-03	--	7E-02
34954	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
34957	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34958	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34959	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34960	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34962	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
34963	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34964	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34966	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34968	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34971	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34974	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
34977	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34979	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34981	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
34985	68111	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
34990	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
34992	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
34993	68111	7	3E-04	2E+00	2E-01	--	--	--	--	1E-02	--	6E+00	--	--	--	--	1E-03	--	6E-01
34995	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
34996	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
34999	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
35002	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35003	68111	8	5E-05	7E-01	8E-02	--	--	--	1E+00	3E-02	--	9E-01	--	--	--	1E-01	3E-03	--	1E-01
35005	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35006	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35011	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35014	68111	7	2E-05	2E-01	3E-02	--	--	--	--	2E-02	--	4E-01	--	--	--	--	2E-03	--	4E-02
35023	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35024	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35026	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35029	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35032	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35034	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35035	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35039	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35041	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35042	68111	8	7E-06	5E-01	5E-02	--	--	--	1E+00	9E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
35043	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	9E-04	--	2E-02
35050	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35054	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35055	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35056	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35059	68111	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
35061	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35066	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35072	68111	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	6E-02
35073	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35077	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35079	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35082	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35083	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35089	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35094	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35095	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
35097	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35099	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35101	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35104	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35106	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35107	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35108	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35109	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35112	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
35115	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35117	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35118	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35119	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35121	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35123	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35124	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35125	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35128	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35130	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35133	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35136	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35137	68111	8	2E-05	3E-01	3E-02	--	--	--	3E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
35138	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35141	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35142	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35144	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35145	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35146	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35149	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35151	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35152	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
35154	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35155	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35156	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35161	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35162	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35163	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35164	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35165	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35167	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35173	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35175	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35179	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35181	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35186	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35189	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
35193	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35195	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35201	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35206	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35214	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35217	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35218	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35222	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35223	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
35225	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35227	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35229	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35231	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35232	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35233	68111	8	7E-05	6E-01	6E-02	--	--	--	4E-01	9E-03	--	1E+00	--	--	--	5E-02	1E-03	--	1E-01
35236	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35240	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35242	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
35247	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35251	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35252	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
35262	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35263	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35266	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35268	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35269	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35270	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35271	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35272	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35273	68111	8	2E-04	2E+00	2E-01	--	--	--	1E+00	2E-02	--	4E+00	--	--	--	1E-01	2E-03	--	5E-01
35275	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35277	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35279	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35281	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35284	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35285	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
35287	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
35288	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	5E-02	1E-03	--	8E-02
35290	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
35291	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35293	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35294	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35295	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35296	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35301	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35305	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35306	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35309	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35310	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35311	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35314	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35316	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35317	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35322	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35324	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35328	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35329	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35332	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35334	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35345	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35350	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
35352	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35354	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35355	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35359	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
35360	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35367	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35369	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35373	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35375	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35376	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35378	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35382	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35385	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35387	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35393	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35394	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35398	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35399	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35401	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35404	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-01	--	5E-01	--	--	--	1E-01	1E-02	--	6E-02
35406	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35407	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35409	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35411	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35412	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35414	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35415	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35417	68111	8	9E-05	9E-01	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
35418	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35425	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35427	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35428	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35429	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35430	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35435	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35437	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35442	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35444	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35448	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35451	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35453	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35456	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35458	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
35460	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35462	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35466	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35468	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35469	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35470	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35473	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35474	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35475	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35483	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35488	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35492	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35495	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
35498	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35499	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35503	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02

Scenario Timeframe: Current/Future
Scenario Population: Resident
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Medium: Surface Soil
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TABLE 9.1.RME.
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EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35506	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
35507	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35509	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35511	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35513	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	7E-02
35517	68111	8	2E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
35518	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35519	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35521	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35529	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35534	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35535	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35536	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	7E-02
35537	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35538	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35540	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35545	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35548	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35550	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35553	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35556	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35560	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35561	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35563	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35564	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35565	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35567	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35571	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35572	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35574	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35575	68111	8	6E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
35576	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35579	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35580	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35581	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35584	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35585	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35587	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35588	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35590	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35594	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35596	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35599	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35600	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35601	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35602	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35604	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35605	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35608	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35610	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35612	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35613	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35614	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	8E-03	--	6E-01	--	--	--	5E-02	9E-04	--	6E-02
35615	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35619	68111	7	4E-05	3E-01	3E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	2E-03	--	7E-02
35620	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35623	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35624	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35626	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35630	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35651	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35652	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35660	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35666	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35672	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
35675	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35684	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35685	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35691	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35692	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35698	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35700	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35704	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35709	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35711	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35715	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
35717	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35718	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
35722	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35723	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35729	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35730	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35735	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35736	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35740	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35743	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35752	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35755	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35761	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35768	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35773	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35775	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35776	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35778	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35781	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35786	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
35789	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35794	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35798	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35799	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35801	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35802	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35803	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35807	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35810	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35811	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35813	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35819	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35820	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35821	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	7E-04	--	5E-02
35822	68111	8	5E-05	5E-01	5E-02	--	--	--	4E-01	5E-03	--	1E+00	--	--	--	4E-02	5E-04	--	1E-01
35824	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
35825	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35826	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
35828	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35829	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35830	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
35831	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35832	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35833	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35836	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35837	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35839	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
35843	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35844	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35845	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35848	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35849	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35853	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35856	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35858	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
35859	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35863	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
35867	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35868	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35871	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
35872	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35877	68111	8	7E-04	5E+00	5E-01	--	--	--	4E-01	2E-02	--	1E+01	--	--	--	4E-02	2E-03	--	1E+00
35880	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35885	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35886	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
35888	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
35890	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35892	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35915	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35921	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
35930	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35935	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	6E-02
35936	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
35943	68111	8	6E-06	5E-01	6E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
35945	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35947	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	9E-04	--	6E-02
35948	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
35950	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35958	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35961	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35964	68111	8	5E-05	8E-01	8E-02	--	--	--	1E+00	3E-02	--	9E-01	--	--	--	1E-01	3E-03	--	1E-01
35967	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35969	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
35975	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
35977	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35981	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35984	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
35987	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
35990	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
35992	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
35994	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
35997	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36000	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
36002	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36007	68111	8	2E-05	2E+00	2E-01	--	--	--	4E+00	1E-02	--	4E-01	--	--	--	4E-01	2E-03	--	4E-02
36015	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
36017	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36021	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36023	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36024	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
36027	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36029	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36036	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36040	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
36043	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36045	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36046	68111	8	6E-06	5E-01	5E-02	--	--	--	1E+00	9E-03	--	1E-01	--	--	--	1E-01	9E-04	--	1E-02
36051	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36056	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36057	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36065	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36067	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36069	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36072	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	4E-02
36073	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36075	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36077	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36091	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36093	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
36095	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36098	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36100	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36101	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36109	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36110	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36112	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36114	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36116	68111	8	2E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	3E+00	--	--	--	1E-01	2E-03	--	3E-01
36119	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36120	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36125	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36126	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36130	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36133	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36137	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36138	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
36139	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36141	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36144	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36147	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36151	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36154	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36156	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36158	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36162	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36166	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36167	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
36177	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36186	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36188	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36190	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36193	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36194	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
36196	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36197	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36198	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36199	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36201	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36202	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36203	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36204	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36207	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36208	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36209	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36210	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36212	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	5E-03	--	4E-01	--	--	--	4E-02	5E-04	--	5E-02
36213	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36217	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36218	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36220	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36221	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36224	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36232	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36233	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36236	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36238	68111	7	2E-05	2E-01	2E-02	--	--	--	--	9E-03	--	3E-01	--	--	--	--	1E-03	--	4E-02
36239	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36243	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36246	68111	8	4E-04	3E+00	3E-01	--	--	--	3E+00	3E-02	--	6E+00	--	--	--	3E-01	3E-03	--	7E-01
36247	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36249	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36251	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
36253	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
36255	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36257	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	8E-03	--	8E-01	--	--	--	1E-01	9E-04	--	8E-02
36258	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36259	68111	8	6E-05	5E-01	6E-02	--	--	--	4E-01	4E-02	--	1E+00	--	--	--	4E-02	4E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36260	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36262	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36263	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36264	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36265	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36269	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
36270	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36272	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36273	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36274	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36275	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36278	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36279	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36280	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36281	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36288	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36289	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36298	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36300	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36302	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36305	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36309	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
36311	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
36313	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36315	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36320	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36323	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36324	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36325	68111	8	2E-05	3E-01	3E-02	--	--	--	3E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
36329	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36330	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36331	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36337	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36340	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36341	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36351	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36353	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36354	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36356	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
36358	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36366	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
36370	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36372	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36383	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36386	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36388	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36390	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
36392	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36394	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36396	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36399	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36402	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36405	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36408	68111	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
36409	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36410	68111	8	4E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	7E-01	--	--	--	1E-01	3E-03	--	7E-02
36416	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36419	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36427	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
36430	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36431	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
36437	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36438	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36441	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36442	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36444	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36446	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36448	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36452	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36464	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
36466	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
36467	68111	7	1E-04	8E-01	8E-02	--	--	--	--	2E-02	--	2E+00	--	--	--	--	2E-03	--	2E-01
36470	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36473	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36474	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36478	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36479	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36489	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36493	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36494	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36500	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36505	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36507	68111	7	3E-05	3E-01	4E-02	--	--	--	--	1E-02	--	6E-01	--	--	--	--	1E-03	--	7E-02
36510	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36512	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36514	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36516	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36517	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36518	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
36522	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36527	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36530	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36531	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36532	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36540	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36545	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36546	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36553	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36557	68111	8	3E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	5E+00	--	--	--	4E-02	2E-03	--	6E-01
36574	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	6E-02
36589	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36617	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36619	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36623	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36629	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36637	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36639	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36640	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36643	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36645	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36649	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36656	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
36677	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36678	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36679	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
36683	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
36689	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36690	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36700	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36701	68111	8	3E-05	3E-01	4E-02	--	--	--	3E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
36706	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
36709	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
36713	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36715	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36721	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36726	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36733	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36747	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36749	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36755	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36769	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36774	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36781	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36785	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36789	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36793	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36806	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36807	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36810	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36817	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36819	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36821	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36824	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36830	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36832	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36836	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36844	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36845	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36846	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
36855	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36856	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
36861	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36869	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36873	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36877	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36882	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36885	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
36888	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36897	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36899	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36901	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36907	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36911	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36916	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36923	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
36927	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36931	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
36936	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
36938	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36942	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36943	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36957	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
36958	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
36959	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36960	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
36979	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
36980	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
36985	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
36988	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37002	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37010	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37011	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37016	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37018	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37019	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37020	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37023	68111	8	6E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
37025	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
37031	68111	8	5E-05	7E-01	8E-02	--	--	--	1E+00	8E-03	--	9E-01	--	--	--	1E-01	8E-04	--	1E-01
37036	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	7E-04	--	6E-02
37037	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37045	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37048	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37049	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
37050	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37053	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37054	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37062	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37063	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37066	68111	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
37070	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37078	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37084	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37087	68111	8	9E-05	7E-01	7E-02	--	--	--	3E-01	1E-02	--	2E+00	--	--	--	3E-02	1E-03	--	2E-01
37089	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37090	68111	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
37097	68111	8	3E-04	2E+00	3E-01	--	--	--	1E+00	9E-03	--	6E+00	--	--	--	1E-01	1E-03	--	6E-01
37099	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37103	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37105	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37109	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37111	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37116	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37121	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37122	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37125	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
37126	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37128	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
37133	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37134	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37151	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37156	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
37161	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37165	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37168	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37169	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37170	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37171	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37175	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37176	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37181	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37184	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37189	68111	8	8E-05	6E-01	7E-02	--	--	--	3E-01	1E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
37191	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37193	68111	8	2E-05	2E-01	3E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
37204	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37210	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
37211	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37219	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
37223	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	4E-02	8E-04	--	6E-02
37224	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37226	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
37235	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37237	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37259	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37261	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37265	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37271	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37276	68111	8	5E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
37277	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37285	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37296	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37301	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37302	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37310	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37313	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37314	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37320	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37321	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37333	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37335	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37339	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37349	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37353	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37355	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37359	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37361	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	3E-02
37365	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37367	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
37385	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37389	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37399	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37400	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37402	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
37403	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37404	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37406	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37414	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37415	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37422	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37430	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37432	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37440	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37452	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37454	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37459	68111	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
37461	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37465	68111	8	1E-05	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	3E-03	--	3E-02
37468	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
37470	68111	7	2E-05	2E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
37476	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37479	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37483	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37486	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37494	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
37497	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37502	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37503	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37504	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37505	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37506	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37507	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37508	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37510	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37512	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37517	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
37546	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37550	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37552	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
37577	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37579	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37582	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37588	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
37589	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37592	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37601	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37610	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37612	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37620	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37622	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37623	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37627	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37633	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37636	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37639	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37640	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37641	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37642	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37646	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37647	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37648	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37649	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37651	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37653	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37655	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37658	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37659	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37662	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37666	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37675	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37684	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	7E-02
37691	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37698	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37699	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37702	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37722	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37730	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37738	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	3E-02	--	7E-01	--	--	--	4E-02	3E-03	--	8E-02
37741	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37743	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37747	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37748	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37754	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37755	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37756	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
37758	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37760	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37769	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
37771	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
37775	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37776	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37780	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37782	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37785	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37786	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37789	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37791	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37795	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37800	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37825	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37829	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37833	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37859	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37862	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37882	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37884	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37890	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37892	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
37899	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
37901	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37905	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
37906	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
37907	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
37914	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37920	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37922	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37923	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37927	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37929	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37934	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
37939	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
37940	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
37942	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37945	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37971	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37972	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
37989	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
37990	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37992	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
37994	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
37998	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38001	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38007	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	4E-02
38009	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38010	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38030	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38036	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38042	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38043	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38047	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38049	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38050	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38051	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38054	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	6E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
38055	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38059	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38062	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38066	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	6E-01	--	--	--	4E-02	3E-03	--	6E-02
38068	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38080	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38087	68111	8	2E-05	2E-01	3E-02	--	--	--	3E-01	4E-03	--	3E-01	--	--	--	4E-02	5E-04	--	4E-02
38099	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38103	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38104	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38112	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38114	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38117	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38121	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38123	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38134	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38140	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38141	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38142	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38144	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38149	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
38150	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38152	68111	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
38157	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38168	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38171	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38172	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38174	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38175	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38177	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38179	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38181	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38182	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38184	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38185	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38186	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38191	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38199	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38200	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38201	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38202	68111	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	8E-04	--	5E-02
38206	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38207	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38210	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	6E-01	--	--	--	--	2E-03	--	6E-02
38213	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38214	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38216	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38218	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38221	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38222	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38224	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38228	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38230	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38231	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38253	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
38254	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38261	68111	8	5E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	8E-01	--	--	--	1E-01	3E-03	--	9E-02
38265	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38268	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38269	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
38271	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38274	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38281	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
38286	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38291	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
38294	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38300	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
38304	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38316	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
38320	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38356	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38359	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38363	68111	7	2E-05	2E-01	2E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	9E-04	--	4E-02
38369	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38372	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38375	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38379	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38383	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	3E-03	--	3E-02
38392	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38393	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38399	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38404	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38405	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38406	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38407	68111	8	1E-04	8E-01	8E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
38408	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38411	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38414	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38419	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38421	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38425	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38426	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38429	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38437	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38439	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
38440	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
38446	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
38449	68111	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
38452	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38456	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38478	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38485	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38486	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38489	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38492	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38495	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38500	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38504	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38508	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38511	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38520	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38522	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38524	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38525	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38527	68111	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	5E-02
38528	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38530	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
38536	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38543	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38546	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38551	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38568	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38572	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38581	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38582	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38585	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
38587	68111	8	2E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
38592	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38593	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38607	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38613	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38615	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38618	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
38619	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38621	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38623	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38627	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38632	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38639	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38645	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38648	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38652	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38653	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38660	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38700	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38706	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38708	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38709	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
38713	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38715	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38716	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38718	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38721	68111	7	6E-05	5E-01	5E-02	--	--	--	--	8E-03	--	1E+00	--	--	--	--	9E-04	--	1E-01
38724	68111	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	9E-04	--	5E-02
38726	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38729	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38731	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38735	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38737	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38744	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38746	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38754	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38759	68111	8	4E-05	4E-01	4E-02	--	--	--	5E-01	1E-02	--	7E-01	--	--	--	5E-02	1E-03	--	8E-02
38760	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38762	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38767	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38769	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38775	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
38776	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38780	68111	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
38781	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38784	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38786	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38789	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38792	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38805	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38809	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
38816	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38819	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
38825	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38831	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38836	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38842	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38845	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
38848	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
38849	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38857	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
38859	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38862	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
38864	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
38866	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38867	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38874	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38881	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38884	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
38886	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
38891	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38895	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38899	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
38903	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
38914	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
38915	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
38930	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49155	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49162	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49163	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49168	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49169	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49203	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
49238	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49311	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49312	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49313	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
49314	68111	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
49316	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49319	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
49321	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49322	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49323	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49324	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
49325	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49326	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49327	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49328	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49340	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49341	68111	8	2E-05	2E-01	2E-02	--	--	--	4E-01	4E-03	--	3E-01	--	--	--	4E-02	4E-04	--	3E-02
49345	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	5E-02
49352	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49353	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49354	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
50001	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50002	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50003	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50004	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50006	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50010	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50013	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50014	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50015	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50016	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50017	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50018	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50019	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50020	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50021	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50022	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50023	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50024	68111	7	2E-05	2E-01	3E-02	--	--	--	--	7E-03	--	4E-01	--	--	--	--	8E-04	--	4E-02
50025	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50026	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50027	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50028	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50029	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50030	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50033	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50035	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50038	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50040	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50041	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50042	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50043	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50044	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50045	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50046	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50047	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50048	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50049	68111	7	2E-05	2E-01	2E-02	--	--	--	--	5E-03	--	3E-01	--	--	--	--	6E-04	--	3E-02
50050	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50051	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50052	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50053	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50054	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50055	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50056	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50057	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50058	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50059	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50060	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50061	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
50062	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50063	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50064	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50065	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50066	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50067	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50068	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50069	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50071	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50072	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50073	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50074	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50075	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50076	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50077	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50078	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50079	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50080	68111	7	1E-05	2E-01	2E-02	--	--	--	--	5E-03	--	2E-01	--	--	--	--	5E-04	--	2E-02
50081	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50082	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50083	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50084	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50085	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50086	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50087	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50088	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50089	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50090	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50092	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50093	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50094	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50095	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50096	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50097	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50098	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
50099	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50100	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50101	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50102	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50103	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50104	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50105	68111	7	2E-05	2E-01	2E-02	--	--	--	--	6E-03	--	3E-01	--	--	--	--	6E-04	--	3E-02
50106	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50107	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	8E-03	--	1E-01	--	--	--	1E-01	8E-04	--	1E-02
50108	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50109	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50110	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50111	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50112	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50113	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50114	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50115	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50116	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50117	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50118	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50119	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50120	68111	8	4E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	7E-01	--	--	--	1E-01	7E-04	--	8E-02
50121	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50122	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50123	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50124	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50125	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50126	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50127	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50128	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50129	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50130	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50131	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50132	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50133	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50145	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50146	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
50148	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50149	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50150	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
50151	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50152	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50355	68111	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50356	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
50363	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50364	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50369	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50378	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50383	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50384	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50391	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50393	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50397	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50398	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50399	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50402	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50403	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50404	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
50405	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50406	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50407	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50408	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50409	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50410	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
50411	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50412	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50413	68111	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
50414	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50415	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50416	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50417	68111	8	6E-06	4E-01	4E-02	--	--	--	1E+00	7E-03	--	1E-01	--	--	--	1E-01	7E-04	--	1E-02
50418	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
50419	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
50424	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
50428	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50431	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50432	68111	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50434	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	4E-01	--	--	--	5E-02	9E-04	--	5E-02
50435	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50442	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50447	68111	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
50475	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
50502	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50507	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50519	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
50564	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
50612	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
50650	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52413	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
57755	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
57756	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
58433	68111	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
58439	68111	1	--	2E-01	3E-02	--	--	--	--	2E-01	--	--	--	--	--	--	3E-02	--	--
61621	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
63239	68111	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	7E-04	--	4E-02
63248	68111	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
63640	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
63736	68111	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
63751	68111	8	2E-05	5E-01	5E-02	--	--	--	9E-01	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
63752	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
64031	68111	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
65483	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
68066	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
68067	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
68070	68111	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
68498	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
68686	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
68689	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
68930	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
73737	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
73862	68111	8	4E-05	7E-01	7E-02	--	--	--	1E+00	5E-03	--	7E-01	--	--	--	1E-01	5E-04	--	7E-02
73865	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
74264	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
74664	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
74834	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
74835	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
74839	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
74841	68111	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
75011	68111	8	6E-05	5E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	5E-02	1E-03	--	1E-01
75648	68111	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
77146	68111	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
77760	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
79655	68111	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
79703	68111	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
79704	68111	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
82429	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
82430	68111	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
83717	68111	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
86655	68111	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
87599	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
87761	68111	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
87901	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
89447	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
89598	68111	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
89835	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
89893	68111	8	2E-05	5E-01	5E-02	--	--	--	9E-01	1E-02	--	4E-01	--	--	--	9E-02	1E-03	--	5E-02
89895	68111	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
89996	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
90022	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90023	68111	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
90107	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
90373	68111	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
90375	68111	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
90528	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90975	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91234	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
91331	68111	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
91335	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
91416	68111	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91926	68111	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	5E-02
91927	68111	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
562	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
2269	68112	13	4E-05	1E+00	1E-01	3E-01	--	7E-01	1E+00	3E-02	5E-01	7E-01	4E-02	--	8E-02	1E-01	3E-03	6E-02	8E-02
3113	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5328	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39713	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39714	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39715	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
39717	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39722	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39729	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39737	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
39740	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39744	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39746	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39750	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
39751	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39752	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39755	68112	8	2E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	4E-03	--	5E-02
39761	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
39765	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39775	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39786	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39809	68112	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
39812	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39820	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39822	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39823	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
39829	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39834	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
39840	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39845	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39846	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39874	68112	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
39924	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39928	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
39931	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39937	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39941	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39945	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
39951	68112	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	2E-03	--	8E-02
39957	68112	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
39961	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39965	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39968	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
39970	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
39983	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
39988	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
39991	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
39998	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40016	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40027	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40046	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40058	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
40072	68112	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
40077	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
40079	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40082	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40087	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40094	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40135	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40141	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40144	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40150	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40159	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40164	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40174	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40184	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40186	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40190	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40192	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
40194	68112	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
40196	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40205	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40206	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40217	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40240	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40247	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40253	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40268	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40277	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
40299	68112	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
40311	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40317	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40324	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40332	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
40361	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40370	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40371	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40380	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
40391	68112	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
40402	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40404	68112	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
40409	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40410	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40411	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40412	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40414	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40421	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40423	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
40429	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40431	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40443	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40452	68112	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
40474	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
40480	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40486	68112	1	--	2E-03	2E-04	--	--	--	--	2E-03	--	--	--	--	--	--	2E-04	--	--
40498	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40508	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40509	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40518	68112	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
40523	68112	8	3E-04	2E+00	2E-01	--	--	--	4E-01	7E-03	--	5E+00	--	--	--	4E-02	7E-04	--	6E-01
40527	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40529	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40534	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40538	68112	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
40547	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
40662	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40663	68112	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
40671	68112	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
40673	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40695	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40705	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40748	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40758	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
40783	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40800	68112	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
40858	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40879	68112	8	5E-05	5E-01	5E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01
40894	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40905	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40914	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
40994	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
40997	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
40999	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41000	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
41005	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41006	68112	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
41009	68112	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
41012	68112	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
41015	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41029	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41031	68112	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
41071	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
41099	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41117	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41120	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41137	68112	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
41144	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41157	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41189	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41210	68112	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
41229	68112	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
41242	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
41254	68112	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
41271	68112	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
41347	68112	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
49205	68112	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
45344	68117	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
45593	68117	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
15	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
29	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
61	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
63	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
120	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
160	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
825	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
896	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
906	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
949	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
955	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
968	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
974	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1006	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1080	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1088	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1112	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
1113	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

Omaha Lead Site

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
1198	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1216	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
1231	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1304	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
1516	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2079	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
2086	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2097	68131	13	2E-05	8E-01	8E-02	3E-01	--	3E-01	1E+00	7E-03	3E-01	4E-01	3E-02	--	3E-02	1E-01	8E-04	3E-02	4E-02
2100	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2155	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2156	68131	13	1E-05	7E-01	8E-02	3E-01	--	3E-01	1E+00	7E-03	3E-01	2E-01	3E-02	--	3E-02	1E-01	8E-04	3E-02	3E-02
2165	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	5E-02	--	3E-01	--	--	--	1E-01	5E-03	--	3E-02
2168	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2200	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2282	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
2321	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2335	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
2341	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2361	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2368	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2412	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
2413	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2417	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2419	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
2423	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
2426	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
2428	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2429	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
2430	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
3050	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3056	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
3071	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
3142	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3144	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
3179	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
3221	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5017	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
5036	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
5037	68131	13	6E-06	7E-01	8E-02	3E-01	--	3E-01	1E+00	9E-03	4E-01	1E-01	3E-02	--	3E-02	1E-01	1E-03	4E-02	1E-02
5045	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5047	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5063	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
5082	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5096	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
5150	68131	13	5E-05	1E+00	1E-01	3E-01	--	4E-01	1E+00	2E-02	4E-01	9E-01	4E-02	--	4E-02	1E-01	2E-03	4E-02	1E-01
5151	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5153	68131	13	5E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	1E-02	4E-01	9E-01	3E-02	--	3E-02	1E-01	1E-03	4E-02	1E-01
5154	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5186	68131	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	1E-02	4E-01	5E-01	3E-02	--	4E-02	1E-01	1E-03	4E-02	6E-02
5187	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5188	68131	13	2E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	4E-01	4E-01	3E-02	--	4E-02	1E-01	2E-03	4E-02	5E-02
5195	68131	13	2E-05	8E-01	9E-02	2E-01	--	3E-01	1E+00	2E-02	3E-01	4E-01	3E-02	--	3E-02	1E-01	2E-03	3E-02	5E-02
5196	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5197	68131	13	3E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	1E-02	4E-01	5E-01	4E-02	--	3E-02	1E-01	1E-03	4E-02	5E-02
5259	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5260	68131	13	1E-05	7E-01	8E-02	2E-01	--	3E-01	1E+00	1E-02	3E-01	2E-01	2E-02	--	3E-02	1E-01	2E-03	3E-02	3E-02
5265	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5266	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5267	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5269	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5270	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
5271	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5272	68131	13	3E-05	9E-01	9E-02	3E-01	--	3E-01	1E+00	2E-02	3E-01	5E-01	3E-02	--	3E-02	1E-01	2E-03	3E-02	5E-02
5275	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5276	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
5277	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
5278	68131	13	8E-05	1E+00	1E-01	3E-01	--	3E-01	1E+00	9E-03	4E-01	1E+00	3E-02	--	3E-02	1E-01	1E-03	4E-02	2E-01
5297	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5298	68131	13	2E-05	9E-01	1E-01	4E-01	--	4E-01	1E+00	1E-02	4E-01	3E-01	4E-02	--	4E-02	1E-01	1E-03	4E-02	3E-02
5299	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5373	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5374	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
5375	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5376	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5377	68131	13	3E-05	6E-01	6E-02	3E-01	--	3E-01	2E-01	7E-03	3E-01	5E-01	3E-02	--	3E-02	2E-02	8E-04	4E-02	6E-02
5378	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
5379	68131	13	3E-05	6E-01	7E-02	3E-01	--	3E-01	3E-01	1E-02	3E-01	5E-01	3E-02	--	3E-02	3E-02	1E-03	4E-02	6E-02
5380	68131	13	3E-05	7E-01	7E-02	3E-01	--	3E-01	2E-01	1E-02	4E-01	6E-01	3E-02	--	4E-02	2E-02	1E-03	5E-02	7E-02
5384	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5627	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5685	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
5688	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22791	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22793	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22794	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22797	68131	1	--	3E-03	3E-04	--	--	--	--	3E-03	--	--	--	--	--	--	3E-04	--	--
22809	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22814	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22835	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22839	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22843	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22845	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22846	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22848	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22855	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22856	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
22857	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22858	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22865	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22867	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22869	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
22870	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22871	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22872	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22874	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22875	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22878	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22880	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22881	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22895	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22902	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22906	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22907	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22910	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22912	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22913	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22914	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
22915	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22916	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22929	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22944	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
22947	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22948	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
22949	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22952	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22958	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22959	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22963	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22965	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22966	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
22967	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
22969	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
22970	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22971	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22974	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22977	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
22980	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
22981	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22984	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22989	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
22990	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
22994	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
22995	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22997	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
22999	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23002	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23003	68131	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
23007	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23009	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23010	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23016	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	4E-01	--	--	--	1E-01	3E-03	--	5E-02
23018	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23023	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23025	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23028	68131	8	1E-05	4E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
23031	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23032	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23042	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23043	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23044	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23045	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23046	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23051	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23056	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23059	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23069	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23072	68131	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
23074	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23078	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23079	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23080	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23081	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23082	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23090	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23092	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23093	68131	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23094	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23098	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23100	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23102	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23103	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23107	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23108	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23109	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23110	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23111	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23112	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23113	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23114	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23118	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23120	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23121	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23122	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23123	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23124	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23125	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23128	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
23131	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23133	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23134	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23135	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23136	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23139	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23141	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23142	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23143	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23144	68131	8	2E-04	1E+00	1E-01	--	--	--	4E-01	2E-02	--	3E+00	--	--	--	4E-02	2E-03	--	3E-01
23145	68131	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
23146	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23147	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23149	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
23150	68131	8	6E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
23152	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23153	68131	8	8E-05	9E-01	1E-01	--	--	--	1E+00	1E-01	--	2E+00	--	--	--	1E-01	1E-02	--	2E-01
23154	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23155	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23156	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23157	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23158	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23161	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23162	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23163	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23164	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23165	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23166	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23167	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23168	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23171	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23172	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23173	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23174	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23175	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23177	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23178	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23179	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23180	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23183	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23184	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23186	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23187	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23188	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23190	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23191	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23198	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23200	68131	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
23205	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23206	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23207	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23208	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23209	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23210	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23211	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	2E-03	--	8E-02
23212	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23213	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23214	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23216	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23217	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23218	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23219	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23221	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23222	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23224	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23226	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23230	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23231	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23232	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23233	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23235	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23236	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23237	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
23238	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23241	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23243	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23244	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23245	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23246	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23248	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23249	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23252	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23253	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23254	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23255	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23256	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23258	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23260	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23262	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23263	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23264	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23266	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23267	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23268	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23269	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23270	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23271	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23273	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23274	68131	8	2E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	4E+00	--	--	--	1E-01	1E-03	--	4E-01
23275	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23276	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23277	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23280	68131	8	6E-06	4E-01	4E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
23281	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23285	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23286	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23288	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23289	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23292	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23293	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23294	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23295	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23296	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23297	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23301	68131	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
23302	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23303	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23308	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23310	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23311	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23312	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23313	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23315	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23317	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23320	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23321	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23322	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23323	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23324	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23326	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23329	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23332	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23333	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23334	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23338	68131	7	2E-05	2E-01	3E-02	--	--	--	--	8E-03	--	4E-01	--	--	--	--	9E-04	--	4E-02
23339	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23340	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23341	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23342	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23343	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23344	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	7E-04	--	7E-02
23345	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23346	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23347	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23348	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23350	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23353	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23355	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23356	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23357	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23358	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23360	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23361	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23362	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23364	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23365	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23367	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23368	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23369	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23371	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23372	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23374	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23375	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23377	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23379	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
23380	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23381	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23382	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23383	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23384	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23385	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23386	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23387	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23388	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23389	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
23390	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23391	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23393	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23394	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23395	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23396	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
23397	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23398	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23399	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
23400	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23402	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23405	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23407	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23408	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23409	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23415	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23416	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23417	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23420	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
23421	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23423	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23425	68131	8	6E-06	5E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
23427	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23428	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23429	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23430	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23431	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23432	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23433	68131	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
23434	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23436	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23437	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23438	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23439	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23440	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23441	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23442	68131	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	6E-02
23443	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23444	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23445	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23446	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23447	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23448	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23449	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23450	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23451	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23452	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23453	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23455	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23456	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23457	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23458	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23459	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23460	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
23461	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23463	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23465	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23468	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23469	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23470	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23471	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23472	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23473	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23474	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23475	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23477	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23480	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23482	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23483	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23484	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23485	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23487	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23488	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23489	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23490	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23491	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23492	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23493	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23494	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23500	68131	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
23501	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23502	68131	7	3E-05	3E-01	3E-02	--	--	--	--	3E-02	--	6E-01	--	--	--	--	3E-03	--	6E-02
23503	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23504	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23505	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23506	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23508	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23509	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23510	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23512	68131	7	6E-05	5E-01	5E-02	--	--	--	--	1E-02	--	1E+00	--	--	--	--	1E-03	--	1E-01
23513	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23514	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23515	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23517	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23518	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23519	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23521	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23522	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23523	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23524	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23525	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23526	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23527	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23528	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23529	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23530	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23531	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23532	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
23533	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23534	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
23535	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23536	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23537	68131	8	6E-06	6E-01	6E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
23538	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23539	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
23541	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23543	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23544	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23545	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23547	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23549	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23550	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23553	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23554	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23556	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23557	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23558	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23559	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23560	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23563	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23564	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23566	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23567	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23568	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23569	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23571	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23572	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23573	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23575	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23576	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23577	68131	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
23578	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23580	68131	8	4E-04	3E+00	3E-01	--	--	--	1E+00	8E-03	--	6E+00	--	--	--	1E-01	9E-04	--	7E-01
23581	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23582	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23583	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23584	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
23585	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23586	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
23587	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23588	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23591	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23595	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23596	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23599	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23600	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23602	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23603	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23605	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23606	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23607	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23608	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23609	68131	1	--	9E-02	9E-03	--	--	--	--	9E-02	--	--	--	--	--	--	9E-03	--	--
23610	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23611	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
23612	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23613	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23614	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23618	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23619	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23620	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23621	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23623	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23625	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23627	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23628	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23629	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23631	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23633	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23634	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
23635	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23636	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23637	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23638	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23640	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23641	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23642	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23643	68131	1	--	8E-02	8E-03	--	--	--	--	8E-02	--	--	--	--	--	--	8E-03	--	--
23644	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23645	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23646	68131	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
23647	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23650	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23651	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23652	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23653	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23654	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23657	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23658	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23660	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23661	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23662	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23663	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23664	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23666	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23667	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23668	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23670	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23672	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23673	68131	8	1E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	2E-01	--	--	--	1E-01	7E-04	--	3E-02
23674	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23675	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
23676	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23679	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23681	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23683	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23686	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23688	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23690	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23691	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23696	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23698	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23700	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	5E-02	--	6E-01	--	--	--	1E-01	6E-03	--	7E-02
23701	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23702	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23704	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23705	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23707	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23709	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23710	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23713	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23716	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23717	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23718	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23720	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23721	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23722	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23723	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23725	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23727	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23728	68131	1	--	1E-01	1E-02	--	--	--	--	1E-01	--	--	--	--	--	--	1E-02	--	--
23729	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23730	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23731	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23732	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23733	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23734	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23735	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23737	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23738	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23739	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23741	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23742	68131	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
23743	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23746	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23748	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23749	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23752	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23753	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23754	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23757	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23758	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23759	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23761	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23762	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23763	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23764	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23765	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23766	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23767	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23768	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23771	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23772	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23773	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23778	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23779	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23780	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23783	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23784	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23786	68131	8	6E-05	8E-01	9E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
23787	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23788	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
23789	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23790	68131	8	1E-04	7E-01	8E-02	--	--	--	4E-01	9E-03	--	2E+00	--	--	--	4E-02	9E-04	--	2E-01
23791	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23792	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23794	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23797	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23798	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23799	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23800	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23803	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23804	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23805	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23806	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23807	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23808	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23809	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23810	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23811	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23813	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23814	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23816	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
23817	68131	8	6E-06	4E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
23819	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23821	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
23822	68131	8	3E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
23823	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23824	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
23825	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23826	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23827	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23829	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23830	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23831	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23832	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23833	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23834	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23835	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23836	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23840	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23841	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23843	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23844	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23845	68131	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	2E-01	--	--	--	1E-01	2E-03	--	3E-02
23846	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23847	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23848	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23849	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23850	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
23854	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23855	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23858	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23859	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23861	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23862	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23863	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23864	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23866	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23870	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23872	68131	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
23873	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23875	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
23877	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23878	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23879	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23881	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23882	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23883	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23886	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23888	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23889	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23890	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23891	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23892	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23893	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23894	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23895	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
23897	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23899	68131	8	1E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
23900	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23903	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23904	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23906	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23907	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23908	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23910	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23911	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23912	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23913	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23914	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23916	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23917	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23918	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23919	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23920	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23921	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23922	68131	8	2E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
23923	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23924	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23925	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23926	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23927	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23928	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23929	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23930	68131	7	3E-05	3E-01	3E-02	--	--	--	--	2E-02	--	5E-01	--	--	--	--	2E-03	--	5E-02
23931	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23932	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23936	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23938	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23939	68131	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
23941	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23942	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23943	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23944	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
23946	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23947	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
23948	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23949	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
23951	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23952	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23953	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23954	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23955	68131	1	--	4E-01	4E-02	--	--	--	--	4E-01	--	--	--	--	--	--	4E-02	--	--
23956	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23959	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23960	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
23961	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
23963	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23964	68131	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
23965	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23967	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	7E-01	--	--	--	4E-02	2E-03	--	7E-02
23968	68131	7	8E-05	6E-01	6E-02	--	--	--	--	2E-02	--	1E+00	--	--	--	--	2E-03	--	2E-01
23970	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23971	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23972	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
23975	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23977	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23978	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
23979	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
23981	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23982	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
23983	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
23984	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23985	68131	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
23986	68131	8	6E-06	6E-01	7E-02	--	--	--	2E+00	1E-02	--	1E-01	--	--	--	2E-01	2E-03	--	1E-02
23987	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23988	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
23990	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23992	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23994	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
23995	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23996	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
23998	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
23999	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24000	68131	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	8E-02
24002	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24004	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24009	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24010	68131	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
24011	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24014	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24015	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24016	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24017	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24018	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24019	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
24020	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24023	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24026	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24027	68131	8	3E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	5E+00	--	--	--	1E-01	2E-03	--	6E-01
24028	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24029	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24033	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24035	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24036	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24038	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24039	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24040	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24042	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24044	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24047	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24048	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24050	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24052	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24053	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24056	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24057	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24059	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24060	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24062	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24063	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24064	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24065	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24069	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24070	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24071	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24073	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24074	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24076	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24078	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24079	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24080	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24081	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24082	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24083	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24084	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24086	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
24087	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24089	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24092	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24093	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24095	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24096	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24098	68131	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	4E-02
24099	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24101	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
24103	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24104	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24105	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24106	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24107	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24108	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24109	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
24110	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24111	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24112	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24113	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24114	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24115	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24116	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24117	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24119	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
24120	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24122	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24123	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24124	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24125	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
24126	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
24128	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24131	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24132	68131	8	1E-04	9E-01	9E-02	--	--	--	4E-01	3E-02	--	2E+00	--	--	--	4E-02	4E-03	--	2E-01
24134	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24135	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24136	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24137	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24138	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24139	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24140	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24141	68131	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
24142	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24143	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24144	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24145	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24146	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24148	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24149	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24150	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24152	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24153	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24154	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24156	68131	8	6E-06	5E-01	5E-02	--	--	--	1E+00	2E-02	--	1E-01	--	--	--	1E-01	2E-03	--	1E-02
24157	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24158	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24159	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24162	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
24163	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24164	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24167	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24169	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24171	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24174	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24175	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24176	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24178	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24179	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24180	68131	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
24181	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24182	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	7E-01	--	--	--	4E-02	1E-03	--	8E-02
24189	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24190	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
24192	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24193	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24196	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24197	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24199	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24200	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
24202	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24203	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24204	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24207	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
24208	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24209	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24211	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24212	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24214	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
24217	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24222	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24223	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24225	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24227	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24234	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24236	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24237	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24238	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24239	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24240	68131	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
24244	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24245	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24248	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24249	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24250	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24251	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24252	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24253	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24255	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24258	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24262	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24267	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24268	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24271	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24272	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
24274	68131	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
24275	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24276	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24277	68131	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
24279	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24282	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24284	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24286	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24288	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24289	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24290	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24292	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24295	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24296	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24299	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24300	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24301	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24303	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24304	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24305	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24307	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24308	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24310	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24315	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24316	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24318	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24319	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24320	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24327	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24328	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24334	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	8E-04	--	3E-02
24339	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24342	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24343	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24344	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24348	68131	8	2E-05	6E-01	6E-02	--	--	--	1E+00	4E-02	--	4E-01	--	--	--	1E-01	5E-03	--	5E-02
24350	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24352	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24357	68131	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
24358	68131	8	2E-04	2E+00	2E-01	--	--	--	1E+00	9E-03	--	4E+00	--	--	--	1E-01	1E-03	--	4E-01
24359	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24361	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24362	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24365	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24366	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24367	68131	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	3E-03	--	7E-02
24369	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24370	68131	8	2E-04	1E+00	2E-01	--	--	--	1E+00	3E-02	--	3E+00	--	--	--	1E-01	3E-03	--	3E-01
24371	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24372	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24374	68131	8	5E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	9E-01	--	--	--	1E-01	1E-03	--	1E-01
24375	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24376	68131	8	1E-04	9E-01	1E-01	--	--	--	4E-01	9E-03	--	2E+00	--	--	--	4E-02	1E-03	--	3E-01
24377	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24379	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24381	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24382	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24384	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24385	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24386	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24387	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24388	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24389	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24390	68131	8	4E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
24391	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24392	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24393	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24394	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24395	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24396	68131	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
24398	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24399	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24400	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24403	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24404	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24406	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24407	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24410	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24411	68131	8	7E-05	6E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
24412	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24413	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24414	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24418	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24420	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24421	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24423	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24424	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24428	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24430	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24431	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24432	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24433	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24434	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24435	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24436	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24437	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24438	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24439	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24441	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24442	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24451	68131	8	8E-05	6E-01	7E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	2E-01
24452	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24453	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24456	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24457	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
24458	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24462	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24464	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24466	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24468	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24474	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24475	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24478	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24479	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24480	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24481	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24482	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24483	68131	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
24485	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24487	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24491	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24492	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24493	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24501	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24504	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24505	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24507	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24509	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24513	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24515	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24516	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24520	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24521	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24523	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24524	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24526	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24527	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24528	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24531	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24533	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24534	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24535	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24536	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24538	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24540	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24541	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24542	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24543	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24544	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24546	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24552	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24555	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24556	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24557	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24559	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24560	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24565	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24566	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24567	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24568	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24569	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24571	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
24572	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24573	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24574	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24577	68131	8	9E-05	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
24579	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24581	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24582	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24583	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24584	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24587	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24591	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24592	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24595	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24596	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24597	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24599	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24600	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24601	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
24604	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24605	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	8E-02
24606	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24607	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24609	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24610	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24611	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24612	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24613	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24614	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24615	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24616	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24618	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24619	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24620	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24621	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24625	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24626	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24631	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24635	68131	8	6E-05	8E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
24640	68131	8	8E-05	6E-01	7E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	2E-01
24641	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24643	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24646	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24647	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24648	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24649	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24652	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24653	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24655	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
24657	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24659	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24660	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24663	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24668	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24669	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
24671	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24672	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24674	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
24675	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24678	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24680	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24683	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24684	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24685	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24686	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24688	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24689	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
24690	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24692	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	4E-02
24693	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	8E-01	--	--	--	4E-02	9E-04	--	9E-02
24694	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24695	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24696	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24697	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24700	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24701	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24703	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
24704	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24705	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24706	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24709	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24710	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24711	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24712	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24714	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24716	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24718	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24722	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24724	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24728	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24729	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24730	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24732	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
24734	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24735	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24736	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24737	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24738	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24740	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	5E-01	--	--	--	5E-02	8E-04	--	5E-02
24746	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24747	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24750	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24751	68131	8	6E-06	4E-01	5E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
24755	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24757	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	3E-02	--	6E-01	--	--	--	1E-01	3E-03	--	7E-02
24758	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24759	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24760	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24762	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24763	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24765	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24768	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
24771	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24773	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24775	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24776	68131	7	3E-05	3E-01	3E-02	--	--	--	--	1E-02	--	5E-01	--	--	--	--	1E-03	--	6E-02
24778	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24779	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24780	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24781	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24782	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24783	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24784	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24785	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24787	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24788	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24790	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24792	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24793	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24794	68131	8	5E-05	7E-01	7E-02	--	--	--	1E+00	3E-02	--	9E-01	--	--	--	1E-01	3E-03	--	1E-01
24795	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24799	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24800	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
24801	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24802	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24807	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24808	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
24811	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24812	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24813	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24815	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24816	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24818	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24820	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24822	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24823	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24824	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24825	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24827	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24828	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
24829	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24830	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24831	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24832	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24834	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24836	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24837	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24838	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24839	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24841	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24843	68131	1	--	4E-03	4E-04	--	--	--	--	4E-03	--	--	--	--	--	--	4E-04	--	--
24844	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24847	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24848	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24849	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24850	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24853	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24855	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24857	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24858	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24859	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24861	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24863	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24864	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24865	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
24869	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24870	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24871	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24872	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24874	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24875	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24876	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24877	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24878	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24880	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24881	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24882	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24884	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24885	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24887	68131	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
24888	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24889	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24890	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24891	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24892	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24893	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24894	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24895	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24896	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
24898	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24899	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24900	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24901	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24902	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24903	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24904	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24905	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24906	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24907	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24908	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24909	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24911	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24912	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24913	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24914	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24915	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24918	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24919	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24920	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24921	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
24922	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24923	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24924	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
24925	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
24926	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24927	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
24928	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24931	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	4E-02
24932	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24934	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24935	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24936	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24937	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24939	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24946	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24947	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24948	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
24949	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24951	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24952	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
24953	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24955	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24956	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
24957	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24958	68131	8	4E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
24959	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24960	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24961	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24962	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
24963	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24964	68131	8	2E-05	2E-01	3E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
24968	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
24969	68131	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
24970	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
24971	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
24972	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24973	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24976	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24977	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
24978	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24979	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
24980	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24981	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24983	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24984	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24987	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24988	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24989	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24990	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24992	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24993	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
24994	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
24997	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
24998	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25003	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25005	68131	8	1E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	2E-01	--	--	--	1E-01	2E-03	--	3E-02
25006	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25007	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25008	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25009	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
25010	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25011	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25012	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25016	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25019	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25021	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25022	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25025	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25026	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25027	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25028	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25030	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25031	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25032	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25035	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25037	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25039	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25041	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25042	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25044	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25047	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25049	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25051	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25052	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25053	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25056	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25057	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25059	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25061	68131	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
25062	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25063	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	9E-03	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
25065	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25066	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25068	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25069	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25070	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25071	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25072	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25075	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25076	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25077	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25078	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	5E-02	1E-03	--	5E-02
25079	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25080	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25081	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25082	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25086	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25088	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25089	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25091	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25092	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25093	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25095	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25096	68131	8	3E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
25098	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25100	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25105	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25106	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25107	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25108	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25109	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25112	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25113	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25114	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25116	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25117	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25119	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25121	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25123	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25124	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25126	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25127	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25130	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
25131	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25133	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
25135	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25137	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
25139	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25140	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25141	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25142	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25144	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25145	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25146	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25147	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25150	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25151	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25152	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25153	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25154	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25155	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25156	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25158	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25159	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25160	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25161	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25162	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25163	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25164	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25165	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25166	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25167	68131	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
25168	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25169	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25171	68131	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
25173	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25180	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25181	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25182	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25183	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25184	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25185	68131	8	6E-06	5E-01	5E-02	--	--	--	1E+00	3E-02	--	1E-01	--	--	--	1E-01	3E-03	--	1E-02
25187	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25188	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25189	68131	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
25190	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25191	68131	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
25193	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
25195	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
25197	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25198	68131	1	--	2E-01	2E-02	--	--	--	--	2E-01	--	--	--	--	--	--	2E-02	--	--
25199	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25200	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25202	68131	8	1E-05	2E-01	2E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E-04	--	2E-02
25203	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25204	68131	8	3E-05	4E-01	4E-02	--	--	--	4E-01	4E-02	--	6E-01	--	--	--	4E-02	5E-03	--	6E-02
25206	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25208	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25209	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25210	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25213	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25215	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25216	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25217	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25221	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25223	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25225	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25226	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25227	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25228	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25230	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25231	68131	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
25237	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25238	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25239	68131	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
25240	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25241	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25242	68131	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
25245	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25247	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25250	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25251	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25253	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25254	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25255	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25256	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25259	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25260	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25263	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25265	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25271	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25274	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25277	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25278	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25281	68131	8	3E-05	3E-01	4E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	5E-02
25282	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25284	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25285	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
25286	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25288	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
25289	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25292	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25293	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25294	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25295	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25296	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
25298	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25299	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25301	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25302	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25303	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25305	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25309	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25311	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25312	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25313	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25314	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25315	68131	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
25316	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25319	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25322	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25324	68131	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
25325	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25327	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25329	68131	8	6E-05	8E-01	8E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
25330	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25331	68131	8	5E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
25332	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25333	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25334	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25335	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
25337	68131	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
25344	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25346	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25347	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25348	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25349	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25351	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25352	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25355	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25356	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25357	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25359	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25361	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25362	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25364	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25365	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25369	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25371	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25374	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25376	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25377	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25381	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25383	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
25384	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25385	68131	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
25391	68131	8	3E-05	1E+00	1E-01	--	--	--	3E+00	1E-02	--	5E-01	--	--	--	3E-01	1E-03	--	6E-02
25392	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25393	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25394	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25395	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25397	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25398	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25399	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25401	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25408	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
25410	68131	8	2E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	4E-02
25411	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25412	68131	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
25414	68131	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
25418	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25420	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25421	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25422	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25423	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25425	68131	8	6E-04	4E+00	4E-01	--	--	--	1E+00	1E-02	--	1E+01	--	--	--	1E-01	1E-03	--	1E+00
25426	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25427	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25429	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25433	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25434	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
25437	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25447	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25448	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25450	68131	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
25453	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25456	68131	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25457	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25458	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25459	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25460	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25461	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25466	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25467	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25469	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25470	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25473	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25474	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25475	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25477	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25478	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25480	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25481	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25485	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25489	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25491	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25492	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25494	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25495	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25496	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25498	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25500	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25501	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25503	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25505	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
25507	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25508	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
25509	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25513	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25514	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25515	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25518	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25520	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25522	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25523	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25527	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25529	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25530	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25531	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25532	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25537	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25539	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25540	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25541	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25543	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25544	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25546	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25547	68131	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
25548	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25550	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25554	68131	8	3E-05	1E+00	1E-01	--	--	--	3E-01	8E-03	--	6E-01	--	--	--	4E-02	8E-04	--	7E-02
25557	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25558	68131	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
25560	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25562	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25564	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25565	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25569	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25571	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25573	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25574	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25576	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
25577	68131	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
25579	68131	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
25580	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25581	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25584	68131	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
25585	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25586	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25587	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25591	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25592	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25594	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25595	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25599	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25600	68131	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
25601	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
25603	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25604	68131	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	4E-02
25605	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
25606	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25607	68131	8	2E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	4E-02
25609	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25611	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25614	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
25617	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25618	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25623	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
25628	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25629	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25630	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
25633	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25634	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	3E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
25636	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
25639	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25641	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
25655	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25657	68131	8	5E-05	7E-01	7E-02	--	--	--	1E+00	2E-02	--	9E-01	--	--	--	1E-01	2E-03	--	1E-01
25665	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
25668	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
25690	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
25694	68131	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49213	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49214	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49215	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49370	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50000	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
50009	68131	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50439	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50446	68131	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
50448	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50534	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50576	68131	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
50580	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
55747	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
57809	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
58685	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
82423	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
86097	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
89514	68131	8	2E-05	6E-01	7E-02	--	--	--	1E+00	2E-01	--	4E-01	--	--	--	1E-01	2E-02	--	5E-02
89546	68131	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
89547	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
89787	68131	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
90307	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
90701	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
90705	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
91158	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
91386	68131	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
91457	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
92702	68131	1	--	3E-03	4E-04	--	--	--	--	3E-03	--	--	--	--	--	--	4E-04	--	--
93111	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93113	68131	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
93114	68131	8	1E-03	6E+00	7E-01	--	--	--	1E+00	1E-02	--	2E+01	--	--	--	1E-01	1E-03	--	2E+00
93131	68131	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
93132	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93171	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93413	68131	8	1E-05	5E-01	5E-02	--	--	--	1E+00	5E-03	--	3E-01	--	--	--	1E-01	5E-04	--	3E-02
93414	68131	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
93415	68131	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
93416	68131	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
93417	68131	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
93418	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93419	68131	8	1E-04	1E+00	1E-01	--	--	--	1E+00	8E-03	--	2E+00	--	--	--	1E-01	8E-04	--	2E-01
93420	68131	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
93540	68131	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
1358	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
1373	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
1381	68132	1	--	4E-03	5E-04	--	--	--	--	4E-03	--	--	--	--	--	--	5E-04	--	--
1424	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
2021	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
2136	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5018	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
5137	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5139	68132	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	1E-02	4E-01	3E-01	3E-02	--	3E-02	1E-01	1E-03	4E-02	3E-02
5140	68132	13	2E-05	8E-01	9E-02	3E-01	--	3E-01	1E+00	5E-02	3E-01	3E-01	3E-02	--	3E-02	1E-01	6E-03	3E-02	3E-02
5312	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5313	68132	13	4E-05	9E-01	1E-01	3E-01	--	3E-01	1E+00	1E-02	3E-01	7E-01	3E-02	--	3E-02	1E-01	1E-03	3E-02	7E-02
5314	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
5315	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
5316	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
5317	68132	13	6E-06	6E-01	7E-02	2E-01	--	2E-01	1E+00	6E-03	3E-01	1E-01	2E-02	--	2E-02	1E-01	7E-04	3E-02	1E-02
49486	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49487	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49488	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49490	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	5E-02
49491	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49493	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49494	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49495	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49496	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49497	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49498	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49500	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49501	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49502	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49503	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49504	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49505	68132	8	2E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	4E+00	--	--	--	4E-02	1E-03	--	5E-01
49506	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49509	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49510	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49511	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49512	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49513	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49514	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49515	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49516	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49517	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49518	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49519	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49521	68132	8	6E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
49522	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49523	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49524	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49525	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49526	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49527	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49528	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49529	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49536	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49538	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49539	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49540	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49541	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49542	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49543	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49544	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
49546	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49547	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49548	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49551	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49552	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49553	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49554	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49556	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49558	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
49561	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49563	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49564	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49565	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49566	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49567	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49568	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49569	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49571	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49573	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49574	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49575	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49576	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49577	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49578	68132	8	4E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
49583	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49584	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49585	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49588	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49589	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49590	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49591	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49592	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49594	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49595	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49599	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49602	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49603	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49604	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49607	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49608	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49610	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49612	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49613	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49614	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
49615	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49616	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49618	68132	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
49619	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49620	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49621	68132	1	--	7E-02	8E-03	--	--	--	--	7E-02	--	--	--	--	--	--	8E-03	--	--
49622	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49623	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49624	68132	1	--	5E-02	6E-03	--	--	--	--	5E-02	--	--	--	--	--	--	6E-03	--	--
49625	68132	8	7E-05	6E-01	6E-02	--	--	--	4E-01	1E-02	--	1E+00	--	--	--	4E-02	1E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49626	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49627	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
49628	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
49632	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49634	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49635	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49637	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49638	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49639	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49640	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49641	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49642	68132	8	2E-04	2E+00	2E-01	--	--	--	4E-01	3E-02	--	4E+00	--	--	--	4E-02	3E-03	--	5E-01
49643	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49644	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49645	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49647	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49648	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49649	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49651	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49652	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49653	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49654	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49656	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49657	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49659	68132	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
49660	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49661	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49662	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49663	68132	8	9E-06	2E-01	2E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
49664	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49665	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49666	68132	1	--	6E-02	7E-03	--	--	--	--	6E-02	--	--	--	--	--	--	7E-03	--	--
49667	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49668	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49669	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49670	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49671	68132	8	2E-04	2E+00	2E-01	--	--	--	4E-01	1E-02	--	4E+00	--	--	--	4E-02	1E-03	--	4E-01
49672	68132	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
49674	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49676	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
49678	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
49679	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49680	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49681	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49682	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
49686	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49687	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49688	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49689	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49690	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49691	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49692	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49693	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49694	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49695	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49697	68132	8	4E-05	4E-01	4E-02	--	--	--	4E-01	8E-03	--	8E-01	--	--	--	4E-02	9E-04	--	9E-02
49698	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49699	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49701	68132	8	4E-05	7E-01	7E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
49702	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49703	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49704	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
49707	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49708	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49709	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49712	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49713	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49714	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49716	68132	8	2E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	4E-01	--	--	--	1E-01	8E-04	--	5E-02
49717	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
49722	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49723	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49724	68132	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	3E-03	--	7E-02
49725	68132	8	4E-04	3E+00	3E-01	--	--	--	9E-01	1E-02	--	7E+00	--	--	--	1E-01	1E-03	--	8E-01
49726	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	9E-03	--	3E+00	--	--	--	1E-01	1E-03	--	3E-01
49727	68132	8	4E-05	6E-01	6E-02	--	--	--	9E-01	8E-03	--	7E-01	--	--	--	1E-01	9E-04	--	8E-02
49728	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49729	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49730	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49732	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49733	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49734	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49736	68132	8	2E-04	1E+00	2E-01	--	--	--	1E+00	1E-02	--	3E+00	--	--	--	1E-01	1E-03	--	4E-01
49737	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49738	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49739	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	5E-03	--	4E-01	--	--	--	1E-01	6E-04	--	4E-02
49741	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49742	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49743	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49745	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49746	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49747	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49749	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49752	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49753	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49755	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49757	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49759	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
49760	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
49761	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49762	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49763	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49764	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49765	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49766	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49767	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49768	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49769	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49774	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
49777	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49778	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49779	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49781	68132	8	3E-05	3E-01	4E-02	--	--	--	3E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
49782	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49783	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
49784	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49785	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49786	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49787	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49788	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49791	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49793	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
49796	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49797	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49799	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49800	68132	8	2E-05	3E-01	3E-02	--	--	--	3E-01	9E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
49801	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49802	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49803	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49804	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49805	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49806	68132	8	3E-05	3E-01	4E-02	--	--	--	3E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49807	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49808	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49811	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49812	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	8E-04	--	5E-02
49813	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49814	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
49815	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49816	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49817	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49818	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49819	68132	8	1E-04	8E-01	8E-02	--	--	--	4E-01	2E-02	--	2E+00	--	--	--	4E-02	2E-03	--	2E-01
49820	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49822	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49823	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49825	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49826	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49827	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49828	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49832	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49833	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
49834	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49835	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49836	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49837	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49839	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49841	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49843	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49844	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49846	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	4E-01	--	--	--	4E-02	9E-04	--	4E-02
49848	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49849	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49851	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49852	68132	8	5E-05	4E-01	5E-02	--	--	--	3E-01	4E-02	--	8E-01	--	--	--	4E-02	5E-03	--	9E-02
49853	68132	8	3E-05	3E-01	3E-02	--	--	--	3E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	5E-02
49854	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49855	68132	8	8E-04	5E+00	6E-01	--	--	--	4E-01	1E-02	--	2E+01	--	--	--	4E-02	1E-03	--	2E+00
49857	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49858	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49859	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49860	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49861	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49862	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49863	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
49864	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49865	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49868	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49870	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49872	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49874	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49876	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49877	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49881	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49883	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49884	68132	8	1E-04	8E-01	8E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
49885	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
49886	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49888	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49889	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49891	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49892	68132	7	2E-05	3E-01	3E-02	--	--	--	--	1E-02	--	4E-01	--	--	--	--	1E-03	--	5E-02
49893	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49894	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49895	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49897	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49898	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49899	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49901	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49902	68132	8	5E-06	2E-01	2E-02	--	--	--	4E-01	9E-03	--	9E-02	--	--	--	5E-02	1E-03	--	1E-02
49905	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49906	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49907	68132	7	3E-05	3E-01	3E-02	--	--	--	--	8E-03	--	5E-01	--	--	--	--	8E-04	--	5E-02
49908	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49909	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49910	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49911	68132	8	5E-05	4E-01	5E-02	--	--	--	4E-01	7E-03	--	9E-01	--	--	--	4E-02	8E-04	--	1E-01
49912	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49913	68132	8	1E-05	2E-01	3E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	9E-04	--	3E-02
49914	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49915	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49916	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49917	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49918	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
49920	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49921	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49922	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
49923	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49924	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49925	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49926	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49927	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49928	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49929	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
49930	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49931	68132	7	2E-05	3E-01	3E-02	--	--	--	--	3E-02	--	4E-01	--	--	--	--	3E-03	--	5E-02
49932	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49933	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
49934	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49935	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
49936	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	5E-03	--	2E+00	--	--	--	1E-01	6E-04	--	2E-01
49937	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49938	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49939	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49940	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49941	68132	8	6E-05	7E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
49943	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
49944	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49945	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
49946	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49947	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49948	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49950	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49952	68132	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
49953	68132	8	4E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	7E-01	--	--	--	4E-02	9E-04	--	8E-02
49954	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49955	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49956	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E-03	--	2E-02
49958	68132	8	1E-05	2E-01	3E-02	--	--	--	4E-01	8E-03	--	3E-01	--	--	--	5E-02	9E-04	--	3E-02
49959	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49960	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49961	68132	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	9E-01	--	--	--	4E-02	1E-03	--	1E-01
49962	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49963	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49964	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49965	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49966	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49968	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49969	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
49970	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49971	68132	8	2E-05	5E-01	5E-02	--	--	--	9E-01	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
49972	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49973	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49974	68132	8	5E-05	7E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
49975	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49976	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49978	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49979	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
49981	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49982	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
49983	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49984	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
49985	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49986	68132	8	1E-04	1E+00	1E-01	--	--	--	4E-01	2E-02	--	3E+00	--	--	--	4E-02	3E-03	--	3E-01
49988	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49989	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49990	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
49991	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
49992	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
49993	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
49994	68132	8	2E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	2E-03	--	5E-02
49995	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
49996	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
50479	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	5E-03	--	7E-01	--	--	--	1E-01	5E-04	--	8E-02
50484	68132	8	5E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	8E-01	--	--	--	1E-01	7E-04	--	9E-02
50485	68132	8	5E-05	7E-01	7E-02	--	--	--	1E+00	8E-03	--	9E-01	--	--	--	1E-01	9E-04	--	1E-01
50490	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50493	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
50494	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
50536	68132	8	1E-04	8E-01	8E-02	--	--	--	4E-01	3E-02	--	2E+00	--	--	--	4E-02	3E-03	--	2E-01
50549	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
50550	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
50591	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
50592	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
50597	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51189	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51190	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	3E-01
51191	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51192	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51193	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51194	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51195	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51197	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51199	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51200	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51201	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51202	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51203	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51205	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51207	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51208	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51209	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51210	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51211	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51212	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51214	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
51215	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51216	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51217	68132	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
51218	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51219	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51220	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51221	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51222	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51223	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51224	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51225	68132	8	1E-05	2E-01	3E-02	--	--	--	4E-01	2E-02	--	2E-01	--	--	--	4E-02	2E-03	--	2E-02
51226	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51227	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51228	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
51230	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51231	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51232	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51233	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51234	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
51235	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51238	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51239	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51240	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51241	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51242	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51243	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51245	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51246	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51247	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51248	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51249	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51250	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51251	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51252	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51253	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51254	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51255	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51256	68132	8	6E-06	4E-01	4E-02	--	--	--	1E+00	1E-02	--	1E-01	--	--	--	1E-01	1E-03	--	1E-02
51259	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51260	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51261	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51262	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51263	68132	8	1E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
51266	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51267	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51269	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51270	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
51271	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51272	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51273	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51274	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51276	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51277	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51278	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	6E-02
51279	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51280	68132	8	9E-06	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	9E-04	--	2E-02
51281	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51283	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51284	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51285	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51286	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51287	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51288	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51289	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51291	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51292	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51293	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
51294	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51295	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51296	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51298	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51299	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51300	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51302	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51303	68132	1	--	6E-02	6E-03	--	--	--	--	6E-02	--	--	--	--	--	--	6E-03	--	--
51304	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51306	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51307	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51308	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51309	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51310	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51312	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51314	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51315	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51319	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51320	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51321	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51323	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51327	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
51329	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51330	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51331	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51332	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51333	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51334	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51336	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51338	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51344	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51347	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51348	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51349	68132	8	1E-06	1E-01	1E-02	--	--	--	3E-01	9E-03	--	2E-02	--	--	--	4E-02	1E-03	--	2E-03
51350	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51351	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51352	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51353	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
51354	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51356	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51357	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51358	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51359	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51361	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
51362	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51363	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51364	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51367	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51368	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51369	68132	8	1E-04	1E+00	1E-01	--	--	--	4E-01	9E-03	--	3E+00	--	--	--	4E-02	9E-04	--	3E-01
51370	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51374	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51379	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51380	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51381	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	3E-01
51383	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51384	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51386	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51387	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51388	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51389	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51391	68132	8	2E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
51392	68132	8	1E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
51393	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51394	68132	8	5E-05	4E-01	5E-02	--	--	--	4E-01	1E-02	--	8E-01	--	--	--	4E-02	1E-03	--	9E-02
51395	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51396	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51397	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51398	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51399	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51400	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51401	68132	8	4E-04	3E+00	3E-01	--	--	--	1E+00	1E-02	--	8E+00	--	--	--	1E-01	1E-03	--	8E-01
51404	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51405	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51407	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51408	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51409	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51410	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51412	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	8E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
51413	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51414	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51415	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51416	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51422	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51426	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51427	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51433	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51434	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51437	68132	8	5E-04	3E+00	3E-01	--	--	--	4E-01	1E-02	--	8E+00	--	--	--	4E-02	1E-03	--	9E-01
51440	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	2E-02	--	4E-01	--	--	--	1E-01	3E-03	--	4E-02
51444	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51445	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51454	68132	1	--	4E-02	5E-03	--	--	--	--	4E-02	--	--	--	--	--	--	5E-03	--	--
51455	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51456	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51457	68132	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	5E-02	1E-03	--	7E-02
51458	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51459	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51460	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51464	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51466	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51467	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51468	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51469	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51470	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51471	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51473	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51474	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51475	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51476	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51479	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51480	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51481	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51482	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51483	68132	8	1E-04	7E-01	8E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
51485	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51486	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51488	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51489	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51490	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51491	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51492	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	1E-02	--	2E-01	--	--	--	4E-02	1E-03	--	3E-02
51493	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51494	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51495	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51496	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51497	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51499	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51504	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
51505	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51506	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51507	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51508	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51510	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51511	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51512	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	2E-02	--	2E+00	--	--	--	1E-01	2E-03	--	2E-01
51515	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51516	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51517	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51519	68132	8	2E-05	2E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	3E-02
51520	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51522	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51524	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51525	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	3E-01	--	--	--	1E-01	2E-03	--	3E-02
51526	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51528	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51529	68132	1	--	5E-02	5E-03	--	--	--	--	5E-02	--	--	--	--	--	--	5E-03	--	--
51530	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51532	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51533	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51538	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
51540	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51541	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51542	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51543	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51544	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	3E-03	--	6E-02
51545	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51546	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
51547	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51550	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51551	68132	8	6E-05	8E-01	9E-02	--	--	--	1E+00	9E-03	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
51552	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51553	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51556	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51557	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51558	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
51559	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51561	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51564	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51565	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51566	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51567	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51569	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
51571	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51574	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51577	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51578	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51582	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51583	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51584	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51585	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51586	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51587	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	6E-02
51588	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	6E-02
51589	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51590	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51591	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51592	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51594	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51595	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51596	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51597	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51598	68132	8	5E-04	3E+00	4E-01	--	--	--	4E-01	6E-03	--	9E+00	--	--	--	4E-02	6E-04	--	1E+00
51600	68132	8	3E-05	4E-01	4E-02	--	--	--	4E-01	9E-03	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
51601	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51602	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51607	68132	8	4E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	6E-01	--	--	--	1E-01	6E-04	--	7E-02
51608	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51609	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51613	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51615	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51617	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51618	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51619	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51620	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51621	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51623	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51624	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51625	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51626	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51627	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51628	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51629	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51630	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
51631	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51633	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51634	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51637	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51638	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51639	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51640	68132	8	6E-05	5E-01	5E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
51641	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51642	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51645	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
51646	68132	8	3E-05	4E-01	4E-02	--	--	--	4E-01	2E-02	--	6E-01	--	--	--	4E-02	2E-03	--	7E-02
51648	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51650	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51652	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51653	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51654	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51655	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51656	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51657	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51658	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51659	68132	8	1E-04	7E-01	8E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
51660	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51661	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51662	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51663	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51664	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51667	68132	8	8E-05	9E-01	9E-02	--	--	--	1E+00	8E-03	--	2E+00	--	--	--	1E-01	9E-04	--	2E-01
51668	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51669	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51671	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	4E-01	--	--	--	4E-02	1E-03	--	5E-02
51672	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51673	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51676	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
51678	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51679	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51680	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51681	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51682	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51683	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51684	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51685	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
51687	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51688	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51689	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51690	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51691	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51692	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51693	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51694	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51696	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51699	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51700	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51701	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51703	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51704	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51705	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
51706	68132	8	6E-05	5E-01	6E-02	--	--	--	4E-01	2E-02	--	1E+00	--	--	--	4E-02	2E-03	--	1E-01
51708	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	8E-03	--	5E-01	--	--	--	1E-01	8E-04	--	6E-02
51709	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51710	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
51711	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51712	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
51715	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51716	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51717	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51720	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51721	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51722	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51724	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51725	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51727	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51728	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51730	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51731	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51733	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51734	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51735	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
51736	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51737	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51738	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51747	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51748	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51749	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51750	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	6E-02
51751	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51752	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
51753	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51754	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51756	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51757	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51758	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51759	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51764	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51765	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51766	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51767	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	5E-01	--	--	--	1E-01	6E-04	--	6E-02
51768	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51769	68132	8	2E-04	1E+00	1E-01	--	--	--	4E-01	6E-03	--	3E+00	--	--	--	4E-02	6E-04	--	4E-01
51772	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51774	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51775	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51777	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51778	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51779	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
51780	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	2E-01
51781	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51782	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51783	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51784	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51785	68132	8	4E-04	3E+00	3E-01	--	--	--	1E+00	7E-03	--	7E+00	--	--	--	1E-01	7E-04	--	8E-01
51786	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51787	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51788	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51789	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51790	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	5E-02
51791	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51792	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51793	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51795	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51796	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51797	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51798	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51800	68132	8	4E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	2E-03	--	8E-02
51801	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51802	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51803	68132	8	5E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	8E-01	--	--	--	1E-01	2E-03	--	9E-02
51805	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	7E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
51806	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51807	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
51808	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
51809	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51813	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51814	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51816	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51817	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51818	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51819	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51820	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	4E-02	--	8E-01	--	--	--	1E-01	4E-03	--	9E-02
51821	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51822	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51825	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51826	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51827	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51828	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51829	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	8E-01	--	--	--	1E-01	9E-04	--	8E-02
51831	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51832	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51834	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51835	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51837	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51838	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51839	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51840	68132	8	4E-05	6E-01	6E-02	--	--	--	1E+00	2E-02	--	6E-01	--	--	--	1E-01	2E-03	--	7E-02
51842	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51843	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51844	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	5E-02
51845	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51846	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	4E-02	--	5E-01	--	--	--	1E-01	4E-03	--	6E-02
51847	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	4E-02	--	5E-01	--	--	--	1E-01	5E-03	--	5E-02
51848	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51849	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51850	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
51851	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51853	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51854	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	6E-03	--	6E-01	--	--	--	4E-02	6E-04	--	6E-02
51855	68132	8	1E-05	4E-01	5E-02	--	--	--	1E+00	9E-03	--	2E-01	--	--	--	1E-01	1E-03	--	3E-02
51856	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51857	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
51858	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51859	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51860	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51861	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
51863	68132	8	9E-05	9E-01	9E-02	--	--	--	1E+00	6E-03	--	2E+00	--	--	--	1E-01	7E-04	--	2E-01
51864	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51865	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51866	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	4E-01	--	--	--	4E-02	8E-04	--	4E-02
51867	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51868	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51870	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51871	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51872	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
51873	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51874	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51875	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51876	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51877	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51878	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51879	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51881	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51884	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51885	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51886	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51889	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51890	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51891	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51892	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51894	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51895	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
51896	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51897	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
51898	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51901	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51902	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51904	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51905	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51906	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51907	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51908	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51910	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51911	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51913	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51914	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51916	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51917	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51918	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	3E-02	--	2E-01	--	--	--	4E-02	3E-03	--	2E-02
51919	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51920	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51921	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	5E-01	--	--	--	4E-02	2E-03	--	6E-02
51922	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51923	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51924	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51926	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
51927	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51928	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51929	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51930	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51932	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51933	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51934	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
51935	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51936	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51937	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
51938	68132	7	2E-05	3E-01	3E-02	--	--	--	--	9E-03	--	4E-01	--	--	--	--	9E-04	--	5E-02
51941	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51943	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51944	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
51945	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51946	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	9E-04	--	5E-02
51948	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI												
						CHILD							ADULT					
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
51949	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	8E-02
51950	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51951	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51955	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51956	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51957	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51958	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51959	68132	8	7E-05	7E-01	7E-02	--	--	--	3E-01	1E-02	--	1E+00	--	--	--	3E-02	1E-03	--	1E-01
51960	68132	8	7E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
51961	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51962	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
51964	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51965	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51967	68132	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
51968	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
51969	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51970	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51971	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51972	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	6E-03	--	3E-01	--	--	--	1E-01	7E-04	--	4E-02
51973	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51977	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51978	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
51979	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
51980	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51982	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51983	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51984	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51985	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51986	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51987	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51988	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51990	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	9E-03	--	6E-01	--	--	--	1E-01	1E-03	--	7E-02
51992	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
51994	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
51997	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
51998	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
51999	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52000	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52001	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52003	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52004	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52005	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52008	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52009	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52010	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
52011	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52012	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52013	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52014	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52017	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52018	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52020	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52021	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52023	68132	8	7E-05	8E-01	8E-02	--	--	--	1E+00	9E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
52024	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52026	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52027	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52028	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52029	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52030	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52033	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52034	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52035	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
52036	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52037	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52038	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52039	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52041	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52043	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52044	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52045	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52046	68132	8	4E-05	7E-01	7E-02	--	--	--	1E+00	1E-02	--	8E-01	--	--	--	1E-01	1E-03	--	9E-02
52048	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52049	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52050	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52051	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52052	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52054	68132	8	4E-05	6E-01	6E-02	--	--	--	1E+00	8E-03	--	6E-01	--	--	--	1E-01	9E-04	--	7E-02
52055	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52056	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52059	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	9E-03	--	3E-01	--	--	--	1E-01	9E-04	--	4E-02
52060	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52062	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52064	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52065	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52066	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52068	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52070	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52071	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52072	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52074	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52075	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	9E-03	--	2E-01	--	--	--	4E-02	1E-03	--	3E-02
52076	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52077	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52078	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	7E-03	--	6E-01	--	--	--	4E-02	8E-04	--	6E-02
52079	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52080	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	6E-02
52082	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52084	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52085	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	4E-02	1E-03	--	7E-02
52086	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52087	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52088	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52089	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52090	68132	8	4E-04	2E+00	3E-01	--	--	--	4E-01	1E-02	--	7E+00	--	--	--	4E-02	1E-03	--	8E-01
52091	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
52093	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52094	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52095	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52096	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52097	68132	8	4E-05	4E-01	4E-02	--	--	--	4E-01	7E-03	--	7E-01	--	--	--	4E-02	8E-04	--	8E-02
52099	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52100	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52101	68132	8	5E-05	5E-01	5E-02	--	--	--	4E-01	8E-03	--	9E-01	--	--	--	4E-02	9E-04	--	1E-01
52102	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52103	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52104	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52105	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52106	68132	8	1E-04	1E+00	1E-01	--	--	--	1E+00	1E-02	--	2E+00	--	--	--	1E-01	2E-03	--	3E-01
52107	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52108	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52110	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52111	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52112	68132	8	9E-05	7E-01	7E-02	--	--	--	4E-01	8E-03	--	2E+00	--	--	--	4E-02	9E-04	--	2E-01
52113	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52114	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52115	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52116	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52119	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	1E-02	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
52120	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52122	68132	8	1E-04	1E+00	1E-01	--	--	--	9E-01	1E-02	--	2E+00	--	--	--	1E-01	1E-03	--	3E-01
52124	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52126	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52127	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52128	68132	8	2E-04	2E+00	2E-01	--	--	--	1E+00	9E-03	--	3E+00	--	--	--	1E-01	1E-03	--	4E-01
52129	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	5E-02
52130	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52131	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52133	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
52134	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52135	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52136	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52137	68132	8	1E-05	2E-01	2E-02	--	--	--	4E-01	6E-03	--	2E-01	--	--	--	4E-02	7E-04	--	3E-02
52138	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52140	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	3E-02	--	5E-01	--	--	--	4E-02	3E-03	--	5E-02
52141	68132	8	6E-05	7E-01	8E-02	--	--	--	1E+00	8E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
52142	68132	1	--	7E-02	7E-03	--	--	--	--	7E-02	--	--	--	--	--	--	7E-03	--	--
52145	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52146	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52147	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52148	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52150	68132	8	3E-04	2E+00	2E-01	--	--	--	4E-01	9E-03	--	5E+00	--	--	--	4E-02	1E-03	--	5E-01
52151	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52153	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52154	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52155	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	9E-04	--	6E-02
52156	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52157	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52158	68132	8	7E-05	8E-01	9E-02	--	--	--	1E+00	2E-02	--	1E+00	--	--	--	1E-01	2E-03	--	1E-01
52159	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52163	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52164	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52165	68132	1	--	5E-03	5E-04	--	--	--	--	5E-03	--	--	--	--	--	--	5E-04	--	--
52166	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	2E-02	--	5E-01	--	--	--	1E-01	2E-03	--	6E-02
52167	68132	8	2E-05	2E-01	3E-02	--	--	--	4E-01	6E-03	--	3E-01	--	--	--	4E-02	6E-04	--	4E-02
52168	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
52172	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52173	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52174	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52175	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52176	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52177	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
52178	68132	8	3E-04	2E+00	2E-01	--	--	--	1E+00	1E-02	--	6E+00	--	--	--	1E-01	1E-03	--	6E-01
52181	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	6E-03	--	4E-01	--	--	--	1E-01	6E-04	--	5E-02
52182	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52184	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52185	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52186	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	6E-02
52187	68132	8	4E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	7E-01	--	--	--	1E-01	1E-03	--	7E-02
52188	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52189	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52190	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	1E-02	--	3E-01	--	--	--	4E-02	1E-03	--	4E-02
52191	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52192	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
52193	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52195	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52196	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52197	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52198	68132	8	5E-05	6E-01	7E-02	--	--	--	9E-01	9E-03	--	9E-01	--	--	--	1E-01	9E-04	--	1E-01
52199	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52200	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52201	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
52202	68132	8	5E-05	4E-01	5E-02	--	--	--	4E-01	2E-02	--	8E-01	--	--	--	4E-02	2E-03	--	9E-02
52203	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52204	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52205	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52206	68132	8	7E-05	8E-01	8E-02	--	--	--	1E+00	9E-03	--	1E+00	--	--	--	1E-01	9E-04	--	1E-01
52207	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
52210	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52211	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52212	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52213	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52214	68132	8	3E-05	4E-01	4E-02	--	--	--	4E-01	1E-02	--	6E-01	--	--	--	5E-02	1E-03	--	7E-02
52215	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52216	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52217	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52218	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52219	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52220	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52221	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52222	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52224	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52225	68132	1	--	2E-02	3E-03	--	--	--	--	2E-02	--	--	--	--	--	--	3E-03	--	--
52226	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	9E-03	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
52228	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	9E-03	--	3E-01	--	--	--	4E-02	9E-04	--	4E-02
52229	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52230	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52231	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52233	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52235	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52237	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52238	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52239	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52240	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52242	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52243	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	7E-03	--	6E-01	--	--	--	1E-01	8E-04	--	7E-02
52244	68132	8	3E-05	5E-01	6E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	7E-04	--	5E-02
52245	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52246	68132	8	1E-04	8E-01	9E-02	--	--	--	4E-01	1E-02	--	2E+00	--	--	--	4E-02	1E-03	--	2E-01
52319	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
52320	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52324	68132	1	--	4E-02	4E-03	--	--	--	--	4E-02	--	--	--	--	--	--	4E-03	--	--
52325	68132	1	--	3E-02	4E-03	--	--	--	--	3E-02	--	--	--	--	--	--	4E-03	--	--
52327	68132	8	2E-05	5E-01	5E-02	--	--	--	1E+00	7E-03	--	3E-01	--	--	--	1E-01	7E-04	--	3E-02
52328	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52330	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52331	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52332	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52333	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52334	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52336	68132	8	7E-04	5E+00	5E-01	--	--	--	1E+00	6E-03	--	1E+01	--	--	--	1E-01	6E-04	--	1E+00
52337	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52338	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52339	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52340	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52342	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52343	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52345	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52349	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52350	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52352	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
52353	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52355	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52356	68132	8	3E-05	6E-01	6E-02	--	--	--	1E+00	1E-02	--	6E-01	--	--	--	1E-01	1E-03	--	6E-02
52357	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	7E-03	--	5E-01	--	--	--	1E-01	8E-04	--	5E-02
52358	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52359	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
52360	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
52362	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52365	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52366	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52367	68132	8	9E-05	7E-01	8E-02	--	--	--	4E-01	6E-03	--	2E+00	--	--	--	4E-02	6E-04	--	2E-01
52368	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
52370	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
52371	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
52373	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52374	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52375	68132	1	--	3E-02	3E-03	--	--	--	--	3E-02	--	--	--	--	--	--	3E-03	--	--
52378	68132	8	3E-05	3E-01	3E-02	--	--	--	4E-01	8E-03	--	5E-01	--	--	--	4E-02	9E-04	--	5E-02
52379	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52380	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52381	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52383	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52384	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52385	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52386	68132	8	2E-05	6E-01	6E-02	--	--	--	1E+00	9E-03	--	4E-01	--	--	--	1E-01	1E-03	--	4E-02
52387	68132	8	2E-05	3E-01	3E-02	--	--	--	4E-01	2E-02	--	4E-01	--	--	--	4E-02	2E-03	--	5E-02
52390	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52391	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
52392	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52393	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52394	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52395	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
52396	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52399	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
52400	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52402	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52403	68132	1	--	5E-03	6E-04	--	--	--	--	5E-03	--	--	--	--	--	--	6E-04	--	--
52406	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
52407	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52408	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
52409	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
52411	68132	8	3E-05	3E-01	4E-02	--	--	--	4E-01	1E-02	--	5E-01	--	--	--	4E-02	1E-03	--	6E-02
63004	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
63007	68132	8	1E-05	5E-01	5E-02	--	--	--	1E+00	3E-02	--	3E-01	--	--	--	1E-01	3E-03	--	3E-02
63008	68132	1	--	8E-03	8E-04	--	--	--	--	8E-03	--	--	--	--	--	--	8E-04	--	--
63009	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
65501	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
65509	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
66774	68132	1	--	6E-03	6E-04	--	--	--	--	6E-03	--	--	--	--	--	--	6E-04	--	--
66775	68132	1	--	9E-03	1E-03	--	--	--	--	9E-03	--	--	--	--	--	--	1E-03	--	--
66776	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
66777	68132	1	--	7E-03	7E-04	--	--	--	--	7E-03	--	--	--	--	--	--	7E-04	--	--
66779	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
66780	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
66781	68132	8	6E-05	8E-01	8E-02	--	--	--	1E+00	1E-02	--	1E+00	--	--	--	1E-01	1E-03	--	1E-01
66782	68132	1	--	7E-03	8E-04	--	--	--	--	7E-03	--	--	--	--	--	--	8E-04	--	--
66783	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

Scenario Timeframe: Current/Future
Scenario Population: Resident
Scenario Age: Child/Adult
Medium: Surface Soil
Exposure Medium: Surface Soil

TABLE 9.1.RME.
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

EXPOSURE POINT		number of COPCs analyzed in soil	TOTAL CANCER RISK	TOTAL NONCANCER HI		TARGET ORGAN HI													
						CHILD							ADULT						
BVID	ZIP CODE			CHILD	ADULT	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin	CNS	Kidney	GI	Liver	Blood	Thyroid	Skin
66784	68132	1	--	9E-03	9E-04	--	--	--	--	9E-03	--	--	--	--	--	--	9E-04	--	--
66786	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
66787	68132	1	--	8E-03	9E-04	--	--	--	--	8E-03	--	--	--	--	--	--	9E-04	--	--
66788	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
66791	68132	8	2E-05	5E-01	5E-02	--	--	--	9E-01	1E-02	--	3E-01	--	--	--	1E-01	1E-03	--	3E-02
66792	68132	1	--	2E-02	2E-03	--	--	--	--	2E-02	--	--	--	--	--	--	2E-03	--	--
66816	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
81810	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
83820	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
83821	68132	1	--	6E-03	7E-04	--	--	--	--	6E-03	--	--	--	--	--	--	7E-04	--	--
92431	68132	8	3E-05	6E-01	7E-02	--	--	--	1E+00	1E-02	--	5E-01	--	--	--	1E-01	1E-03	--	5E-02
92645	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
93335	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93347	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93348	68132	1	--	1E-02	2E-03	--	--	--	--	1E-02	--	--	--	--	--	--	2E-03	--	--
93473	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--
93493	68132	1	--	1E-02	1E-03	--	--	--	--	1E-02	--	--	--	--	--	--	1E-03	--	--

BVID = Black and Veatch ID (property ID)
CNS = Central Nervous System
GI = Gastrointestinal

DATA USEABILITY WORKSHEET
Site: OMAHA LEAD SITE
Medium: INDOOR DUST

Activity	Comment
Field Sampling	
Discuss sampling problems and field conditions that affect data useability.	There were no apparent problems reported that could affect data useability.
Are samples representative of receptor exposure for this medium (e.g. sample depth, grab vs composite, filtered vs unfiltered, low flow, etc.)?	Sample type (grab and/or composite), and analysis (lead) are representative of receptor exposure to indoor dust.
Assess the effect of field QC results on data useability.	There are no known field QC result issues that affect data useability.
Summarize the effect of field sampling issues on the risk assessment, if applicable.	There are no known field sampling issues that affect data useability.
Analytical Techniques	
Were the analytical methods appropriate for quantitative risk assessment?	The ICP methods are appropriate for risk assessment.
Were detection limits adequate?	In order for a detection limit to be considered adequate, either (1) the detection frequency had to be high (>80%), or (2) the detection limit had to be less than the concentration of potential concern to humans. The detection limits were adequate, with the exception of cobalt.
Summarize the effect of analytical technique issues on the risk assessment, if applicable.	Because the indoor dust results are not used in the risk calculations, but instead to derive a linear relationship between outdoor soil and indoor dust, inadequate cobalt detection limits do not affect the risk assessment. All ICP results were adequate and used in the risk assessment.
Data Quality Objectives	
Precision - How were duplicates handled?	The RPD of field duplicates and the MS/MSD duplicate pairs were evaluated. Results that exceeded QC acceptance criteria were qualified, as appropriate.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: INDOOR DUST

Activity	Comment
Data Quality Objectives (continued)	
Accuracy - How were split samples handled?	Split samples were not collected.
Representativeness - Indicate any problems associated with data representativeness (e.g., trip blank or rinsate blank contamination, chain of custody problems, etc.).	No problems were associated with data representativeness.
Completeness - Indicate any problems associated with data completeness (e.g., incorrect sample analysis, incomplete sample records, problems with field procedures, etc.).	No problems were associated with data completeness.
Comparability - Indicate any problems associated with data comparability.	No problems were associated with data comparability.
Were the DQOs specified in the QAPP satisfied?	Yes, the DQOs identified in the Quality Assurance Project Plan were satisfied.
Summarize the effect of DQO issues on the risk assessment, if applicable.	There are no DQO issues that should affect the risk assessment.
Data Validation and Interpretation	
What are the data validation requirements?	Data review and validation were performed by the EPA Region VII laboratory.
What method or guidance was used to validate the data?	Region VII laboratory methods/guidance.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: INDOOR DUST

Activity	Comment
Data Validation and Interpretation (continued)	
Was the data validation method consistent with guidance? Discuss any discrepancies.	Yes, data validation based on regional guidance.
Were all data qualifiers defined? Discuss those which were not.	Yes, "U" (non-detect), "UJ" (non-detect, estimated), "J" (estimated), "R" (rejected), or "O" (no result reported), qualifiers were assigned to indoor dust data.
Which qualifiers represent useable data?	The qualifiers "U", "UJ", and " J" represent useable data for the risk assessment.
Which qualifiers represent unuseable data?	Data that were assigned an "R" or "O" qualifier were not used in the risk assessment.
How are tentatively identified compounds handled?	Not applicable. Tentatively identified compounds were not identified in the soil data set.
Summarize the effect of data validation and interpretation issues on the risk assessment, if applicable.	All data, both qualified and unqualified, will be used in the risk assessment.
Additional notes:	

DATA USEABILITY WORKSHEET
Site: OMAHA LEAD SITE
Medium: SOIL

Activity	Comment
Field Sampling	
Discuss sampling problems and field conditions that affect data useability.	There were no apparent problems reported that could affect data useability.
Are samples representative of receptor exposure for this medium (e.g. sample depth, grab vs composite, filtered vs unfiltered, low flow, etc.)?	Sample depth (0-1 inches at residences), sample type (composites), and analysis (lead and other metals in soil) are representative of receptor exposure to soil.
Assess the effect of field QC results on data useability.	There are no known field QC result issues that affect data useability.
Summarize the effect of field sampling issues on the risk assessment, if applicable.	There are no known field sampling issues that affect data useability.
Analytical Techniques	
Were the analytical methods appropriate for quantitative risk assessment?	Two analytical methods were used for the analysis of soil samples: XRF and ICP. The ICP methods are appropriate for risk assessment. The XRF methods were evaluated (see Appendix C) and the results for lead and zinc were determined appropriate for use in risk assessment.
Were detection limits adequate?	In order for a detection limit to be considered adequate, either (1) the detection frequency had to be high (>80%), or (2) the detection limit had to be less than the concentration of potential concern to humans. The detection limits were adequate for all chemicals in soil, with the exception of thallium. (The detection limit for thallium in soil was about 7 mg/kg, which is slightly higher than the risk-based concentration of 5 mg/kg).
Summarize the effect of analytical technique issues on the risk assessment, if applicable.	All ICP results were adequate and used in the risk assessment. The XRF results for lead and zinc were determined adequate for use in the risk assessment.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: SOIL

Activity	Comment
Data Quality Objectives	
Precision - How were duplicates handled?	The RPD of field duplicates and the MS/MSD duplicate pairs were evaluated. Results that exceeded QC acceptance criteria were qualified, as appropriate.
Accuracy - How were split samples handled?	Split samples were not collected.
Representativeness - Indicate any problems associated with data representativeness (e.g., trip blank or rinsate blank contamination, chain of custody problems, etc.).	No problems were associated with data representativeness.
Completeness - Indicate any problems associated with data completeness (e.g., incorrect sample analysis, incomplete sample records, problems with field procedures, etc.).	No problems were associated with data completeness.
Comparability - Indicate any problems associated with data comparability.	No problems were associated with data comparability.
Were the DQOs specified in the QAPP satisfied?	Yes, the DQOs identified in the Quality Assurance Project Plan were satisfied.
Summarize the effect of DQO issues on the risk assessment, if applicable.	There are no DQO issues that should affect the risk assessment.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: SOIL

Activity	Comment
Data Validation and Interpretation	
What are the data validation requirements?	Data review and validation were performed by the EPA Region VII laboratory.
What method or guidance was used to validate the data?	Region VII laboratory methods/guidance.
Was the data validation method consistent with guidance? Discuss any discrepancies.	Yes, data validation based on regional guidance.
Were all data qualifiers defined? Discuss those which were not.	**Yes. "U" (non-detect), "UJ" (non-detect, estimated), "J" (estimated), "R" (rejected), "O" (**no result reported**), or "N/A-I (**no result reported**)" qualifiers were assigned to soil data.**
Which qualifiers represent useable data?	The qualifiers "U", "UJ", and " J" represent useable data for the risk assessment.
Which qualifiers represent unuseable data?	Data that were assigned an "R", "0", or "N/A-I" qualifier were not used in the risk assessment.
How are tentatively identified compounds handled?	Not applicable. Tentatively identified compounds were not identified in the soil data set.
Summarize the effect of data validation and interpretation issues on the risk assessment, if applicable.	All data, both qualified and unqualified, will be used in the risk assessment.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: SOIL

Activity	Comment
Data Validation and Interpretation (continued)	
Additional notes:	Additional exclusions applied: 1. Invalid results (Invalid = "X") 2. Results with ICP but not XRF 3. Remediated properties (contractor ID $ 22 and excavation end date is not null) 4. Null records (ND = 0, result and Qlimit are null)

DATA USEABILITY WORKSHEET
Site: OMAHA LEAD SITE
Medium: TAP WATER

Activity	Comment
Field Sampling	
Discuss sampling problems and field conditions that affect data useability.	There were no apparent problems reported that could affect data useability.
Are samples representative of receptor exposure for this medium (e.g. sample depth, grab vs composite, filtered vs unfiltered, low flow, etc.)?	Sample type (first-flush and post-flush grab samples), and analysis (lead) are representative of receptor exposure to tap water.
Assess the effect of field QC results on data useability.	There are no known field QC result issues that affect data useability.
Summarize the effect of field sampling issues on the risk assessment, if applicable.	There are no known field sampling issues that affect data useability.
Analytical Techniques	
Were the analytical methods appropriate for quantitative risk assessment?	The ICP analytical method is appropriate for risk assessment.
Were detection limits adequate?	In order for a detection limit to be considered adequate, either (1) the detection frequency had to be high (>80%), or (2) the detection limit had to be less than the concentration of potential concern to humans. The detection limits were adequate for all lead in tap water results.
Summarize the effect of analytical technique issues on the risk assessment, if applicable.	All results were adequate and used in the risk assessment.
Data Quality Objectives	
Precision - How were duplicates handled?	The RPD of field duplicates and the MS/MSD duplicate pairs were evaluated. Results that exceeded QC acceptance criteria were qualified, as appropriate.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: TAP WATER

Activity	Comment
Data Quality Objectives (continued)	
Accuracy - How were split samples handled?	Split samples were not collected.
Representativeness - Indicate any problems associated with data representativeness (e.g., trip blank or rinsate blank contamination, chain of custody problems, etc.).	No problems were associated with data representativeness.
Completeness - Indicate any problems associated with data completeness (e.g., incorrect sample analysis, incomplete sample records, problems with field procedures, etc.).	No problems were associated with data completeness.
Comparability - Indicate any problems associated with data comparability.	No problems were associated with data comparability.
Were the DQOs specified in the QAPP satisfied?	Yes, the DQOs identified in the Quality Assurance Project Plan were satisfied.
Summarize the effect of DQO issues on the risk assessment, if applicable.	There are no DQO issues that should affect the risk assessment.
Data Validation and Interpretation	
What are the data validation requirements?	Data review and validation were performed by the EPA Region VII laboratory.
What method or guidance was used to validate the data?	Region VII laboratory methods/guidance.

DATA USEABILITY WORKSHEET (continued)
Site: OMAHA LEAD SITE
Medium: TAP WATER

Activity	Comment
Data Validation and Interpretation (continued)	
Was the data validation method consistent with guidance? Discuss any discrepancies.	Yes, data validation based on regional guidance.
Were all data qualifiers defined? Discuss those which were not.	Yes, a "U" (non-detect) qualifier was assigned to tap water data.
Which qualifiers represent useable data?	The "U" qualifier represents useable data for the risk assessment.
Which qualifiers represent unuseable data?	None.
How are tentatively identified compounds handled?	Not applicable. Tentatively identified compounds were not identified in the soil data set.
Summarize the effect of data validation and interpretation issues on the risk assessment, if applicable.	All data, both qualified and unqualified, will be used in the risk assessment.
Additional notes:	Two results were collected at property ID 29349 The first results collected at this property were considered unusual for two reasons: 1) the values were much higher than any other samples collected, and 2) the post-flush sample was much higher than the first-flush sample. Because the high concentrations of lead were not confirmed by the second set of tap water samples, the first tap water results collected at this residence are considered invalid and were excluded from the risk assessment, and only the results from the second round of sampling at this property were used.

Dermal Worksheet

Intermediate Variables for Calculating DA(event)

Chemical of Potential Concern	Media	Dermal Absorption Fraction	FA	Kp		T(event)		Tau		T*		B
			Value	Value	Units	Value	Units	Value	Units	Value	Units	Value
Aluminum	Soil	--	--	--	--	--	--	--	--	--	--	--
Antimony	Soil	--	--	--	--	--	--	--	--	--	--	--
Arsenic	Soil	0.03	--	1.00E-03	cm/hr	--	--	--	--	--	--	--
Cadmium	Soil	0.001	--	1.00E-03	cm/hr	--	--	--	--	--	--	--
Copper	Soil	--	--	--	--	--	--	--	--	--	--	--
Iron	Soil	--	--	--	--	--	--	--	--	--	--	--
Lead	Soil	--	--	--	--	--	--	--	--	--	--	--
Manganese	Soil	--	--	--	--	--	--	--	--	--	--	--
Mercury	Soil	--	--	--	--	--	--	--	--	--	--	--
Thallium	Soil	--	--	--	--	--	--	--	--	--	--	--
Vanadium	Soil	--	--	--	--	--	--	--	--	--	--	--
Zinc	Soil	--	--	--	--	--	--	--	--	--	--	--

FA = Fraction Absorbed Water
Kp = Dermal Permeability Coefficient of Compound in Water

T(event) = Event Duration
Tau = Lag Time

T* = Time to Reach Steady-State
B = Dimensionless Ratio of the Permeability Coefficient of a Compound Through the Stratum Corneum Relative to its Permeability Coefficient Across the Viable Epidermis

-- = Value not available and/or not applicable to this chemical and/or media.

RAGS D IEUBK LEAD WORKSHEET
Site Name: OMAHA LEAD SITE
Receptor: Current/Future Resident (Age 0-84 Months) Exposure to Media as Described

1. Lead Screening Questions

Medium	Lead Concentration Used in Model Run		Basis for Lead Concentration Used For Model Run	Lead Screening Concentration		Basis for Lead Screening Level
	Value	Units		Value	Units	
Soil	varies by property 12.5 - 5,711	mg/kg mg/kg	Average surface soil concentration in the fine fraction. Range of average values measured in residential soil at properties located within the Final Focus Area.	400	mg/kg	Recommended Soil Screening Level

2. Lead Model Questions

Question	Response for Residential Lead Model
What lead model (version and date) was used?	IEUBKwin32 Model 1.0 build 264
Where are the input values located in the risk assessment report?	Located in Table 4-1
What range of media concentrations were used for the model?	See Section 1. Lead Screening Questions (above) for the range of mean lead concentrations measured in residential soil.
What statistics were used to represent the exposure concentration terms and where are the data on concentrations in the risk assessment that support use of these statistics?	Average soil lead concentration at a residence. Data are Located in Appendix G.
Was soil sample taken from top 2 cm? If not, why?	Yes (0-1 inch or 0-2.5 cm).
Was soil sample sieved? What size screen was used? If not sieved, provide rationale.	Yes. Number 10 mesh sieve (2 mm) .
What was the point of exposure/location?	Residential yard.
Where are the output values located in the risk assessment report?	Located in Appendix H
Was the model run using default values only?	No. Default values were used in the absence of site-specific data.
Was the default soil bioavailability used?	No. Based on site-specific data, a value of 0.40 was used (see Section 4.4.2, Lead Bioavailability).
Was the default soil ingestion rate used?	Yes, default values for 7 age groups are 85, 135, 135, 100, 90, and 85 mg/day
If non-default values were used, where are the rationale for the values located in the risk assessment report?	Section 4.4.2 and Table 4-1.

3. Final Result

Medium	Result	Comment/PRG
SOIL	Input values of 12.5 - 5,711 mg/kg result in 32% of properties (9,033/28,478) with greater than a 5% probability of exceeding a blood lead level of 10 ：g/dL (referred to as P10). These results exceed OSWER's risk reduction goal that a typical child or group of similarly exposed children would have an estimated risk of no more than 5% exceeding a 10 ：g/dL blood lead level.	PRGs were not derived.

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1	1606	68102	50	483.4	399.7	1.4	0.04	0.000*	---	6.78	20.421
2	22418	68102	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575
3	22422	68102	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.949
4	22428	68102	50	327.2	284.1	1.4	0.04	0.000*	---	5.02	7.127
5	22433	68102	50	328.9	285.4	1.4	0.04	0.000*	---	5.04	7.24
6	22481	68102	50	780.1	619.3	1.4	0.04	0.000*	---	9.8	48.319
7	22485	68102	50	568.8	462.9	1.4	0.04	0.000*	---	7.69	28.822
8	22486	68102	50	29.5	63.8	1.4	0.04	0.000*	---	1.26	0.001
9	22489	68102	50	280.9	249.9	1.4	0.04	0.000*	---	4.47	4.343
10	22493	68102	50	403.3	340.5	1.4	0.04	0.000*	---	5.89	13.036
11	22513	68102	50	478	395.8	1.4	0.04	0.000*	---	6.72	19.903
12	22520	68102	50	179.2	174.6	1.4	0.04	0.000*	---	3.22	0.801
13	22565	68102	50	273.6	244.4	1.4	0.04	0.000*	---	4.38	3.969
14	22572	68102	50	364.8	312	1.4	0.04	0.000*	---	5.46	9.868
15	22573	68102	50	188.3	181.3	1.4	0.04	0.000*	---	3.34	0.978
16	22583	68102	50	104.7	119.4	1.4	0.04	0.000*	---	2.27	0.079
17	22589	68102	50	749.7	596.8	1.4	0.04	0.000*	---	9.51	45.753
18	22611	68102	50	497.2	409.9	1.4	0.04	0.000*	---	6.93	21.758
19	22614	68102	50	778.9	618.4	1.4	0.04	0.000*	---	9.79	48.22
20	22649	68102	50	185.6	179.4	1.4	0.04	0.000*	---	3.3	0.924
21	22714	68102	50	123.7	133.6	1.4	0.04	0.000*	---	2.51	0.166
22	22719	68102	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
23	22725	68102	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
24	22743	68102	50	361.9	309.8	1.4	0.04	0.000*	---	5.42	9.641
25	22770	68102	50	218.5	203.7	1.4	0.04	0.000*	---	3.71	1.753
26	22782	68102	50	486.7	402.2	1.4	0.04	0.000*	---	6.82	20.741
27	22786	68102	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
28	22824	68102	50	418.5	351.7	1.4	0.04	0.000*	---	6.07	14.368
29	22840	68102	50	288.5	255.5	1.4	0.04	0.000*	---	4.56	4.752
30	22842	68102	50	410.4	345.7	1.4	0.04	0.000*	---	5.97	13.647
31	22886	68102	50	756.3	601.6	1.4	0.04	0.000*	---	9.57	46.317
32	23026	68102	50	134.6	141.6	1.4	0.04	0.000*	---	2.65	0.239
33	23034	68102	50	49	78.3	1.4	0.04	0.000*	---	1.53	0.003
34	23694	68102	50	138.3	144.3	1.4	0.04	0.000*	---	2.7	0.269
35	23695	68102	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.905
36	24637	68102	50	660.8	531	1.4	0.04	0.000*	---	8.63	37.733
37	25172	68102	50	404.8	341.5	1.4	0.04	0.000*	---	5.91	13.161
38	25233	68102	50	359.8	308.3	1.4	0.04	0.000*	---	5.4	9.482
39	25264	68102	50	490.2	404.7	1.4	0.04	0.000*	---	6.85	21.077
40	25270	68102	50	55	82.7	1.4	0.04	0.000*	---	1.61	0.005
41	25283	68102	50	789.1	625.9	1.4	0.04	0.000*	---	9.89	49.06
42	25428	68102	50	597.3	484	1.4	0.04	0.000*	---	7.99	31.618
43	25439	68102	50	419.9	352.7	1.4	0.04	0.000*	---	6.08	14.487
44	25451	68102	50	295.3	260.5	1.4	0.04	0.000*	---	4.64	5.132
45	25535	68102	50	387.6	328.8	1.4	0.04	0.000*	---	5.72	11.704
46	25553	68102	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
47	25561	68102	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
48	25567	68102	50	188	181.1	1.4	0.04	0.000*	---	3.33	0.973
49	25597	68102	50	289	255.9	1.4	0.04	0.000*	---	4.57	4.782
50	25626	68102	50	310.4	271.7	1.4	0.04	0.000*	---	4.82	6.036
51	25632	68102	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
52	25654	68102	50	50.9	79.7	1.4	0.04	0.000*	---	1.55	0.004
53	25656	68102	50	400.1	338	1.4	0.04	0.000*	---	5.86	12.755
54	25666	68102	50	47.5	77.2	1.4	0.04	0.000*	---	1.51	0.003
55	25676	68102	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
56	25700	68102	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
57	25717	68102	50	34.3	67.3	1.4	0.04	0.000*	---	1.33	0.001
58	25720	68102	50	203.5	192.6	1.4	0.04	0.000*	---	3.53	1.332
59	25725	68102	50	43.3	74.1	1.4	0.04	0.000*	---	1.45	0.002
60	25792	68102	50	32.1	65.7	1.4	0.04	0.000*	---	1.3	0.001

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
61	25795	68102	50	34.9	67.8	1.4	0.04	0.000*	---	1.33	0.001
62	25852	68102	50	34	67.2	1.4	0.04	0.000*	---	1.32	0.001
63	25857	68102	50	35.5	68.3	1.4	0.04	0.000*	---	1.34	0.001
64	25889	68102	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.925
65	25891	68102	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
66	25905	68102	50	34.4	67.4	1.4	0.04	0.000*	---	1.33	0.001
67	25914	68102	50	37.2	69.6	1.4	0.04	0.000*	---	1.37	0.001
68	55757	68102	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
69	90101	68102	50	69.9	93.8	1.4	0.04	0.000*	---	1.81	0.014
70	90103	68102	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
71	90104	68102	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
72	202	68104	50	98.7	115.1	1.4	0.04	0.000*	---	2.19	0.061
73	319	68104	50	321.2	279.7	1.4	0.04	0.000*	---	4.95	6.729
74	518	68104	50	142.6	147.6	1.4	0.04	0.000*	---	2.76	0.307
75	782	68104	50	246.3	224.3	1.4	0.04	0.000*	---	4.05	2.739
76	2133	68104	50	111.1	124.3	1.4	0.04	0.000*	---	2.35	0.103
77	2275	68104	50	399.5	337.6	1.4	0.04	0.000*	---	5.85	12.707
78	5019	68104	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
79	5020	68104	50	296.5	261.4	1.4	0.04	0.000*	---	4.66	5.205
80	5021	68104	50	166.4	165.1	1.4	0.04	0.000*	---	3.06	0.59
81	5026	68104	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
82	5141	68104	50	226	209.2	1.4	0.04	0.000*	---	3.81	1.992
83	5142	68104	50	196	187.1	1.4	0.04	0.000*	---	3.43	1.149
84	5143	68104	50	338.6	292.6	1.4	0.04	0.000*	---	5.15	7.919
85	5144	68104	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
86	5145	68104	50	117.9	129.2	1.4	0.04	0.000*	---	2.44	0.134
87	5147	68104	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.72
88	5149	68104	50	327	284	1.4	0.04	0.000*	---	5.02	7.115
89	50476	68104	50	221	205.6	1.4	0.04	0.000*	---	3.75	1.833
90	50480	68104	50	142.8	147.7	1.4	0.04	0.000*	---	2.76	0.309
91	50551	68104	50	106.5	120.8	1.4	0.04	0.000*	---	2.29	0.085
92	50584	68104	50	423.2	355.2	1.4	0.04	0.000*	---	6.12	14.786
93	50647	68104	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
94	52417	68104	50	169.7	167.6	1.4	0.04	0.000*	---	3.1	0.641
95	57976	68104	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
96	63438	68104	50	407	343.1	1.4	0.04	0.000*	---	5.94	13.35
97	63851	68104	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
98	65573	68104	50	232.7	214.2	1.4	0.04	0.000*	---	3.89	2.222
99	2	68105	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.422
100	4	68105	50	195.9	187	1.4	0.04	0.000*	---	3.43	1.148
101	8	68105	50	160.6	160.9	1.4	0.04	0.000*	---	2.99	0.509
102	10	68105	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
103	12	68105	50	103.6	118.6	1.4	0.04	0.000*	---	2.25	0.076
104	16	68105	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.601
105	18	68105	50	163.2	162.8	1.4	0.04	0.000*	---	3.02	0.544
106	20	68105	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
107	22	68105	50	202.2	191.6	1.4	0.04	0.000*	---	3.51	1.3
108	25	68105	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
109	26	68105	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
110	27	68105	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
111	28	68105	50	204.1	193	1.4	0.04	0.000*	---	3.54	1.347
112	32	68105	50	431.5	361.3	1.4	0.04	0.000*	---	6.21	15.534
113	67	68105	50	678.2	543.8	1.4	0.04	0.000*	---	8.81	39.354
114	69	68105	50	219	204	1.4	0.04	0.000*	---	3.72	1.768
115	70	68105	50	506.9	417.1	1.4	0.04	0.000*	---	7.03	22.712
116	90	68105	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.779
117	123	68105	50	419.2	352.2	1.4	0.04	0.000*	---	6.07	14.426
118	127	68105	50	517.6	425	1.4	0.04	0.000*	---	7.15	23.761
119	137	68105	50	948.7	744	1.4	0.04	0.000*	---	11.37	60.729
120	218	68105	50	243.2	221.9	1.4	0.04	0.000*	---	4.02	2.615
121	237	68105	50	683.2	547.6	1.4	0.04	0.000*	---	8.86	39.821

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
122	266	68105	50	416.6	350.3	1.4	0.04	0.000*	---	6.04	14.196
123	440	68105	50	290.3	256.8	1.4	0.04	0.000*	---	4.58	4.85
124	441	68105	50	486.5	402	1.4	0.04	0.000*	---	6.81	20.722
125	733	68105	50	913.1	717.7	1.4	0.04	0.000*	---	11.04	58.364
126	762	68105	50	200.2	190.2	1.4	0.04	0.000*	---	3.49	1.25
127	773	68105	50	185.5	179.3	1.4	0.04	0.000*	---	3.3	0.922
128	777	68105	50	389.2	330	1.4	0.04	0.000*	---	5.73	11.84
129	827	68105	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
130	835	68105	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.851
131	838	68105	50	269.9	241.7	1.4	0.04	0.000*	---	4.34	3.787
132	875	68105	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.156
133	888	68105	50	653	525.2	1.4	0.04	0.000*	---	8.56	36.998
134	891	68105	50	554.3	452.2	1.4	0.04	0.000*	---	7.54	27.386
135	898	68105	50	334.4	289.5	1.4	0.04	0.000*	---	5.1	7.623
136	899	68105	50	160.2	160.6	1.4	0.04	0.000*	---	2.98	0.503
137	920	68105	50	165.6	164.5	1.4	0.04	0.000*	---	3.05	0.578
138	963	68105	50	36.7	69.1	1.4	0.04	0.000*	---	1.36	0.001
139	964	68105	50	37.3	69.6	1.4	0.04	0.000*	---	1.37	0.001
140	999	68105	50	239.3	219.1	1.4	0.04	0.000*	---	3.97	2.467
141	1000	68105	50	317.5	277	1.4	0.04	0.000*	---	4.91	6.488
142	1020	68105	50	296.3	261.3	1.4	0.04	0.000*	---	4.66	5.192
143	1026	68105	50	449.4	374.5	1.4	0.04	0.000*	---	6.41	17.184
144	1028	68105	50	245.3	223.6	1.4	0.04	0.000*	---	4.04	2.701
145	1035	68105	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.684
146	1043	68105	50	256.4	231.7	1.4	0.04	0.000*	---	4.18	3.162
147	1049	68105	50	183.3	177.6	1.4	0.04	0.000*	---	3.27	0.877
148	1052	68105	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.861
149	1054	68105	50	512.7	421.4	1.4	0.04	0.000*	---	7.1	23.275
150	1056	68105	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
151	1076	68105	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.965
152	1079	68105	50	340.5	293.9	1.4	0.04	0.000*	---	5.17	8.049
153	1102	68105	50	446.9	372.7	1.4	0.04	0.000*	---	6.38	16.953
154	1109	68105	50	496	409	1.4	0.04	0.000*	---	6.92	21.645
155	1174	68105	50	116.5	128.2	1.4	0.04	0.000*	---	2.42	0.127
156	1197	68105	50	312.6	273.3	1.4	0.04	0.000*	---	4.85	6.175
157	1237	68105	50	372.3	317.5	1.4	0.04	0.000*	---	5.54	10.457
158	1245	68105	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
159	1248	68105	50	155.9	157.3	1.4	0.04	0.000*	---	2.93	0.448
160	1249	68105	50	311	272.1	1.4	0.04	0.000*	---	4.83	6.076
161	1252	68105	50	189.1	181.9	1.4	0.04	0.000*	---	3.35	0.995
162	1253	68105	50	167.6	166	1.4	0.04	0.000*	---	3.08	0.607
163	1257	68105	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.386
164	1258	68105	50	309.6	271.1	1.4	0.04	0.000*	---	4.81	5.99
165	1259	68105	50	189.8	182.4	1.4	0.04	0.000*	---	3.36	1.01
166	1260	68105	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
167	1267	68105	50	340.6	294.1	1.4	0.04	0.000*	---	5.18	8.061
168	1269	68105	50	237.3	217.6	1.4	0.04	0.000*	---	3.94	2.39
169	1271	68105	50	148.2	151.6	1.4	0.04	0.000*	---	2.83	0.362
170	1273	68105	50	554.5	452.4	1.4	0.04	0.000*	---	7.54	27.408
171	1280	68105	50	471.6	391	1.4	0.04	0.000*	---	6.65	19.286
172	1282	68105	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
173	1286	68105	50	288.7	255.6	1.4	0.04	0.000*	---	4.57	4.763
174	1287	68105	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.982
175	1293	68105	50	112.9	125.6	1.4	0.04	0.000*	---	2.37	0.111
176	1294	68105	50	238.8	218.7	1.4	0.04	0.000*	---	3.96	2.446
177	1297	68105	50	189.6	182.3	1.4	0.04	0.000*	---	3.35	1.005
178	1299	68105	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
179	1300	68105	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.681
180	1301	68105	50	117.2	128.7	1.4	0.04	0.000*	---	2.43	0.131
181	1303	68105	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.347
182	1311	68105	50	210.5	197.8	1.4	0.04	0.000*	---	3.61	1.519

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
183	1312	68105	50	317.6	277.1	1.4	0.04	0.000*	---	4.91	6.498
184	1367	68105	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
185	1393	68105	50	131.9	139.6	1.4	0.04	0.000*	---	2.62	0.219
186	1399	68105	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
187	1403	68105	50	417.7	351.1	1.4	0.04	0.000*	---	6.06	14.297
188	1410	68105	50	125.9	135.1	1.4	0.04	0.000*	---	2.54	0.178
189	1411	68105	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.177
190	1416	68105	50	134.1	141.3	1.4	0.04	0.000*	---	2.65	0.235
191	1419	68105	50	475.1	393.6	1.4	0.04	0.000*	---	6.69	19.619
192	1420	68105	50	398.3	336.7	1.4	0.04	0.000*	---	5.84	12.601
193	1452	68105	50	213.7	200.2	1.4	0.04	0.000*	---	3.65	1.612
194	1459	68105	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.314
195	1503	68105	50	99.1	115.4	1.4	0.04	0.000*	---	2.19	0.062
196	1515	68105	50	189.8	182.5	1.4	0.04	0.000*	---	3.36	1.011
197	1520	68105	50	241.2	220.5	1.4	0.04	0.000*	---	3.99	2.539
198	1524	68105	50	325.7	283	1.4	0.04	0.000*	---	5	7.03
199	1528	68105	50	341	294.3	1.4	0.04	0.000*	---	5.18	8.087
200	1533	68105	50	65	90.1	1.4	0.04	0.000*	---	1.74	0.01
201	1572	68105	50	501.3	413	1.4	0.04	0.000*	---	6.97	22.165
202	1592	68105	50	388.6	329.5	1.4	0.04	0.000*	---	5.73	11.784
203	1593	68105	50	260.5	234.8	1.4	0.04	0.000*	---	4.23	3.347
204	1596	68105	50	142.1	147.2	1.4	0.04	0.000*	---	2.75	0.303
205	1598	68105	50	494.9	408.2	1.4	0.04	0.000*	---	6.9	21.533
206	1600	68105	50	362	309.9	1.4	0.04	0.000*	---	5.42	9.648
207	1604	68105	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
208	1617	68105	50	195.5	186.6	1.4	0.04	0.000*	---	3.43	1.137
209	1623	68105	50	350.6	301.5	1.4	0.04	0.000*	---	5.29	8.788
210	1626	68105	50	321.7	280.1	1.4	0.04	0.000*	---	4.96	6.764
211	1627	68105	50	144.9	149.2	1.4	0.04	0.000*	---	2.79	0.329
212	1630	68105	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
213	1638	68105	50	297.9	262.4	1.4	0.04	0.000*	---	4.67	5.283
214	2106	68105	50	186.7	180.2	1.4	0.04	0.000*	---	3.32	0.946
215	2115	68105	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.205
216	2171	68105	50	83.7	104	1.4	0.04	0.000*	---	1.99	0.03
217	2229	68105	50	148.6	151.9	1.4	0.04	0.000*	---	2.83	0.366
218	2237	68105	50	364.7	311.9	1.4	0.04	0.000*	---	5.45	9.861
219	2272	68105	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.789
220	2299	68105	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.925
221	2300	68105	50	194.2	185.7	1.4	0.04	0.000*	---	3.41	1.108
222	2308	68105	50	241.2	220.4	1.4	0.04	0.000*	---	3.99	2.536
223	2395	68105	50	361.4	309.5	1.4	0.04	0.000*	---	5.42	9.606
224	2397	68105	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
225	2403	68105	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
226	2438	68105	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.907
227	2439	68105	50	170.6	168.3	1.4	0.04	0.000*	---	3.12	0.654
228	2441	68105	50	45.1	75.4	1.4	0.04	0.000*	---	1.47	0.002
229	2445	68105	50	567.6	462	1.4	0.04	0.000*	---	7.68	28.702
230	2448	68105	50	348.3	299.7	1.4	0.04	0.000*	---	5.27	8.617
231	2449	68105	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.665
232	2451	68105	50	303.8	266.8	1.4	0.04	0.000*	---	4.74	5.633
233	2452	68105	50	377.3	321.2	1.4	0.04	0.000*	---	5.6	10.859
234	2453	68105	50	62.3	88.1	1.4	0.04	0.000*	---	1.7	0.008
235	2458	68105	50	419.5	352.4	1.4	0.04	0.000*	---	6.08	14.45
236	2459	68105	50	646.3	520.2	1.4	0.04	0.000*	---	8.49	36.357
237	2460	68105	50	299	263.3	1.4	0.04	0.000*	---	4.69	5.352
238	2462	68105	50	387.3	328.6	1.4	0.04	0.000*	---	5.71	11.675
239	2465	68105	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355
240	2466	68105	50	329.3	285.7	1.4	0.04	0.000*	---	5.04	7.272
241	2468	68105	50	310.4	271.7	1.4	0.04	0.000*	---	4.82	6.04
242	2470	68105	50	412	346.9	1.4	0.04	0.000*	---	5.99	13.789
243	2475	68105	50	215.3	201.4	1.4	0.04	0.000*	---	3.67	1.659

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
244	2501	68105	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.343
245	3007	68105	50	238.2	218.3	1.4	0.04	0.000*	---	3.96	2.425
246	3027	68105	50	224.8	208.4	1.4	0.04	0.000*	---	3.79	1.955
247	3041	68105	50	45.5	75.7	1.4	0.04	0.000*	---	1.48	0.002
248	3076	68105	50	163.3	162.8	1.4	0.04	0.000*	---	3.02	0.545
249	3087	68105	50	593.3	481	1.4	0.04	0.000*	---	7.94	31.226
250	3118	68105	50	69.8	93.6	1.4	0.04	0.000*	---	1.8	0.013
251	3203	68105	50	231.1	213	1.4	0.04	0.000*	---	3.87	2.166
252	3207	68105	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
253	3208	68105	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
254	3209	68105	50	214	200.4	1.4	0.04	0.000*	---	3.66	1.62
255	5002	68105	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.241
256	5033	68105	50	161.7	161.6	1.4	0.04	0.000*	---	3	0.523
257	5049	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
258	5050	68105	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.321
259	5051	68105	50	290.1	256.7	1.4	0.04	0.000*	---	4.58	4.842
260	5052	68105	50	168.2	166.4	1.4	0.04	0.000*	---	3.08	0.616
261	5053	68105	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.486
262	5054	68105	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.341
263	5055	68105	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.759
264	5056	68105	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.794
265	5057	68105	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.535
266	5058	68105	50	232.6	214.1	1.4	0.04	0.000*	---	3.89	2.22
267	5059	68105	50	580.9	471.9	1.4	0.04	0.000*	---	7.82	30.011
268	5061	68105	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.359
269	5099	68105	50	66.1	90.9	1.4	0.04	0.000*	---	1.75	0.011
270	5102	68105	50	425.5	356.9	1.4	0.04	0.000*	---	6.14	14.992
271	5103	68105	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.05
272	5104	68105	50	228.9	211.4	1.4	0.04	0.000*	---	3.84	2.091
273	5105	68105	50	411.7	346.7	1.4	0.04	0.000*	---	5.99	13.764
274	5106	68105	50	402.7	340	1.4	0.04	0.000*	---	5.89	12.978
275	5108	68105	50	254.3	230.2	1.4	0.04	0.000*	---	4.15	3.074
276	5109	68105	50	429.8	360	1.4	0.04	0.000*	---	6.19	15.376
277	5110	68105	50	155.5	157.1	1.4	0.04	0.000*	---	2.92	0.444
278	5111	68105	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.576
279	5112	68105	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.323
280	5113	68105	50	44.7	75.1	1.4	0.04	0.000*	---	1.47	0.002
281	5114	68105	50	178.5	174.1	1.4	0.04	0.000*	---	3.21	0.787
282	5116	68105	50	317.5	277	1.4	0.04	0.000*	---	4.91	6.49
283	5117	68105	50	265.1	238.2	1.4	0.04	0.000*	---	4.28	3.559
284	5123	68105	50	367.6	314	1.4	0.04	0.000*	---	5.49	10.082
285	5124	68105	50	1134.8	881.7	1.4	0.04	0.000*	---	12.98	71.037
286	5126	68105	50	212.5	199.3	1.4	0.04	0.000*	---	3.64	1.577
287	5127	68105	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.261
288	5128	68105	50	126.9	135.9	1.4	0.04	0.000*	---	2.56	0.185
289	5129	68105	50	790.5	627	1.4	0.04	0.000*	---	9.9	49.172
290	5132	68105	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
291	5133	68105	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.603
292	5134	68105	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
293	5135	68105	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
294	5136	68105	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
295	5190	68105	50	319.8	278.7	1.4	0.04	0.000*	---	4.93	6.638
296	5281	68105	50	393.2	332.9	1.4	0.04	0.000*	---	5.78	12.169
297	5325	68105	50	333.7	289	1.4	0.04	0.000*	---	5.1	7.575
298	5326	68105	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
299	5331	68105	50	332.9	288.4	1.4	0.04	0.000*	---	5.09	7.519
300	5336	68105	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.961
301	5337	68105	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.262
302	5338	68105	50	333.1	288.5	1.4	0.04	0.000*	---	5.09	7.531
303	5339	68105	50	334.9	289.8	1.4	0.04	0.000*	---	5.11	7.655
304	5340	68105	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.538

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
305	5341	68105	50	613.2	495.8	1.4	0.04	0.000*	---	8.15	33.173
306	5342	68105	50	307.6	269.6	1.4	0.04	0.000*	---	4.79	5.867
307	5343	68105	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.382
308	5344	68105	50	514.4	422.6	1.4	0.04	0.000*	---	7.11	23.442
309	5345	68105	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.46
310	5346	68105	50	619	500.1	1.4	0.04	0.000*	---	8.21	33.737
311	5347	68105	50	185	178.9	1.4	0.04	0.000*	---	3.3	0.911
312	5349	68105	50	470.9	390.4	1.4	0.04	0.000*	---	6.64	19.214
313	5350	68105	50	234.4	215.5	1.4	0.04	0.000*	---	3.91	2.285
314	5351	68105	50	205.7	194.2	1.4	0.04	0.000*	---	3.56	1.39
315	5352	68105	50	360	308.4	1.4	0.04	0.000*	---	5.4	9.497
316	5353	68105	50	568.4	462.6	1.4	0.04	0.000*	---	7.69	28.777
317	5354	68105	50	333.5	288.8	1.4	0.04	0.000*	---	5.09	7.558
318	5355	68105	50	637.3	513.6	1.4	0.04	0.000*	---	8.4	35.498
319	5356	68105	50	421.3	353.7	1.4	0.04	0.000*	---	6.1	14.61
320	5357	68105	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.335
321	5358	68105	50	343.7	296.3	1.4	0.04	0.000*	---	5.21	8.282
322	5359	68105	50	377.4	321.3	1.4	0.04	0.000*	---	5.6	10.866
323	5360	68105	50	173.3	170.3	1.4	0.04	0.000*	---	3.15	0.698
324	5361	68105	50	352.2	302.6	1.4	0.04	0.000*	---	5.31	8.908
325	5362	68105	50	144.4	148.9	1.4	0.04	0.000*	---	2.78	0.324
326	5363	68105	50	99.8	115.8	1.4	0.04	0.000*	---	2.2	0.064
327	5364	68105	50	359.4	308	1.4	0.04	0.000*	---	5.39	9.452
328	5365	68105	50	151.8	154.4	1.4	0.04	0.000*	---	2.88	0.401
329	5366	68105	50	277.9	247.6	1.4	0.04	0.000*	---	4.44	4.186
330	5367	68105	50	139.4	145.1	1.4	0.04	0.000*	---	2.72	0.278
331	5368	68105	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
332	5369	68105	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.348
333	5370	68105	50	208.5	196.3	1.4	0.04	0.000*	---	3.59	1.464
334	5371	68105	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
335	5372	68105	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.292
336	5382	68105	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.046
337	5383	68105	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
338	5478	68105	50	216.2	202	1.4	0.04	0.000*	---	3.69	1.683
339	5486	68105	50	185.2	179.1	1.4	0.04	0.000*	---	3.3	0.916
340	5487	68105	50	248.4	225.9	1.4	0.04	0.000*	---	4.08	2.826
341	5488	68105	50	169	167.1	1.4	0.04	0.000*	---	3.1	0.63
342	5489	68105	50	517.6	425	1.4	0.04	0.000*	---	7.15	23.762
343	5490	68105	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.304
344	5493	68105	50	553.5	451.6	1.4	0.04	0.000*	---	7.53	27.307
345	5494	68105	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.431
346	5495	68105	50	821.3	649.8	1.4	0.04	0.000*	---	10.19	51.637
347	5508	68105	50	172.6	169.7	1.4	0.04	0.000*	---	3.14	0.686
348	5509	68105	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
349	5575	68105	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.607
350	5596	68105	50	443	369.8	1.4	0.04	0.000*	---	6.34	16.587
351	5597	68105	50	255.2	230.8	1.4	0.04	0.000*	---	4.16	3.111
352	5598	68105	50	187.8	181	1.4	0.04	0.000*	---	3.33	0.969
353	5602	68105	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
354	5604	68105	50	307.5	269.5	1.4	0.04	0.000*	---	4.79	5.858
355	5610	68105	50	652.8	525.1	1.4	0.04	0.000*	---	8.55	36.978
356	12689	68105	50	74.7	97.3	1.4	0.04	0.000*	---	1.87	0.018
357	12720	68105	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
358	12756	68105	50	57.1	84.2	1.4	0.04	0.000*	---	1.63	0.006
359	12779	68105	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
360	12784	68105	50	45.9	75.9	1.4	0.04	0.000*	---	1.48	0.002
361	12797	68105	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
362	12799	68105	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
363	12802	68105	50	107.2	121.3	1.4	0.04	0.000*	---	2.3	0.088
364	12805	68105	50	74.4	97	1.4	0.04	0.000*	---	1.87	0.018
365	12860	68105	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
366	12862	68105	50	103.4	118.5	1.4	0.04	0.000*	---	2.25	0.075
367	12863	68105	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
368	12864	68105	50	47.9	77.4	1.4	0.04	0.000*	---	1.51	0.003
369	12866	68105	50	83.3	103.7	1.4	0.04	0.000*	---	1.98	0.029
370	12867	68105	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
371	12868	68105	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
372	12869	68105	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.407
373	12872	68105	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
374	12873	68105	50	255.2	230.8	1.4	0.04	0.000*	---	4.16	3.11
375	12875	68105	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
376	12886	68105	50	71.8	95.2	1.4	0.04	0.000*	---	1.83	0.015
377	12955	68105	50	49	78.3	1.4	0.04	0.000*	---	1.52	0.003
378	12958	68105	50	78.3	100	1.4	0.04	0.000*	---	1.92	0.022
379	12961	68105	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
380	12962	68105	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
381	12963	68105	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
382	12964	68105	50	68.6	92.8	1.4	0.04	0.000*	---	1.79	0.013
383	12968	68105	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
384	12969	68105	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
385	12971	68105	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
386	12973	68105	50	61.8	87.7	1.4	0.04	0.000*	---	1.7	0.008
387	12974	68105	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
388	12995	68105	50	121.4	131.9	1.4	0.04	0.000*	---	2.48	0.153
389	13009	68105	50	178.5	174.1	1.4	0.04	0.000*	---	3.21	0.788
390	13015	68105	50	111.7	124.6	1.4	0.04	0.000*	---	2.36	0.105
391	13023	68105	50	68.3	92.6	1.4	0.04	0.000*	---	1.79	0.012
392	13025	68105	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.134
393	13032	68105	50	89.1	107.9	1.4	0.04	0.000*	---	2.06	0.039
394	13050	68105	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
395	13053	68105	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
396	13057	68105	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
397	13062	68105	50	87.5	106.7	1.4	0.04	0.000*	---	2.04	0.036
398	13063	68105	50	169.4	167.3	1.4	0.04	0.000*	---	3.1	0.635
399	13064	68105	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.323
400	13065	68105	50	90	108.6	1.4	0.04	0.000*	---	2.07	0.041
401	13066	68105	50	286.8	254.2	1.4	0.04	0.000*	---	4.54	4.66
402	13068	68105	50	229.4	211.7	1.4	0.04	0.000*	---	3.85	2.108
403	13069	68105	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.394
404	13070	68105	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
405	13072	68105	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
406	13073	68105	50	103.2	118.3	1.4	0.04	0.000*	---	2.25	0.074
407	13074	68105	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
408	13076	68105	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.383
409	13077	68105	50	135.7	142.4	1.4	0.04	0.000*	---	2.67	0.248
410	13078	68105	50	185.8	179.4	1.4	0.04	0.000*	---	3.31	0.926
411	13080	68105	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
412	13081	68105	50	216.2	202	1.4	0.04	0.000*	---	3.69	1.683
413	13083	68105	50	99.9	116	1.4	0.04	0.000*	---	2.2	0.065
414	13084	68105	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
415	13085	68105	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.09
416	13086	68105	50	82.1	102.7	1.4	0.04	0.000*	---	1.97	0.027
417	13087	68105	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
418	13088	68105	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
419	13089	68105	50	226.7	209.7	1.4	0.04	0.000*	---	3.81	2.015
420	13091	68105	50	182.5	177.1	1.4	0.04	0.000*	---	3.27	0.863
421	13092	68105	50	52.2	80.7	1.4	0.04	0.000*	---	1.57	0.004
422	13093	68105	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
423	13095	68105	50	286.4	253.9	1.4	0.04	0.000*	---	4.54	4.635
424	13098	68105	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
425	13100	68105	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.346
426	13104	68105	50	98.4	114.8	1.4	0.04	0.000*	---	2.18	0.06

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
427	13106	68105	50	159.6	160.1	1.4	0.04	0.000*	---	2.97	0.495
428	13107	68105	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
429	13111	68105	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
430	13114	68105	50	179.3	174.7	1.4	0.04	0.000*	---	3.22	0.802
431	13122	68105	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.886
432	13124	68105	50	124.9	134.4	1.4	0.04	0.000*	---	2.53	0.172
433	13129	68105	50	272.4	243.6	1.4	0.04	0.000*	---	4.37	3.913
434	13147	68105	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
435	13151	68105	50	116.1	127.9	1.4	0.04	0.000*	---	2.41	0.125
436	13158	68105	50	171.4	168.9	1.4	0.04	0.000*	---	3.13	0.667
437	13163	68105	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
438	13165	68105	50	252.6	228.9	1.4	0.04	0.000*	---	4.13	2.998
439	13166	68105	50	200.6	190.5	1.4	0.04	0.000*	---	3.49	1.26
440	13167	68105	50	126	135.2	1.4	0.04	0.000*	---	2.54	0.179
441	13168	68105	50	267.4	239.9	1.4	0.04	0.000*	---	4.31	3.669
442	13170	68105	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
443	13172	68105	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
444	13173	68105	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.342
445	13175	68105	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.34
446	13178	68105	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.783
447	13179	68105	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
448	13180	68105	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
449	13181	68105	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
450	13182	68105	50	77.1	99	1.4	0.04	0.000*	---	1.9	0.021
451	13183	68105	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
452	13185	68105	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.338
453	13187	68105	50	152.9	155.1	1.4	0.04	0.000*	---	2.89	0.413
454	13191	68105	50	243	221.8	1.4	0.04	0.000*	---	4.01	2.607
455	13194	68105	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
456	13197	68105	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
457	13200	68105	50	274.7	245.3	1.4	0.04	0.000*	---	4.4	4.028
458	13201	68105	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.52
459	13202	68105	50	516.8	424.4	1.4	0.04	0.000*	---	7.14	23.679
460	13204	68105	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
461	13207	68105	50	166.7	165.4	1.4	0.04	0.000*	---	3.07	0.594
462	13209	68105	50	72.3	95.5	1.4	0.04	0.000*	---	1.84	0.016
463	13211	68105	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
464	13212	68105	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
465	13215	68105	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
466	13216	68105	50	132.9	140.3	1.4	0.04	0.000*	---	2.63	0.226
467	13219	68105	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
468	13221	68105	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
469	13223	68105	50	65.1	90.2	1.4	0.04	0.000*	---	1.74	0.01
470	13234	68105	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
471	13236	68105	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.238
472	13237	68105	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
473	13238	68105	50	71.5	94.9	1.4	0.04	0.000*	---	1.83	0.015
474	13240	68105	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
475	13243	68105	50	70.2	94	1.4	0.04	0.000*	---	1.81	0.014
476	13244	68105	50	74.1	96.9	1.4	0.04	0.000*	---	1.86	0.017
477	13245	68105	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
478	13248	68105	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
479	13249	68105	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
480	13250	68105	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
481	13252	68105	50	51	79.8	1.4	0.04	0.000*	---	1.55	0.004
482	13255	68105	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
483	13257	68105	50	111.8	124.8	1.4	0.04	0.000*	---	2.36	0.106
484	13259	68105	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.079
485	13262	68105	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
486	13263	68105	50	52.2	80.6	1.4	0.04	0.000*	---	1.57	0.004
487	13265	68105	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.171

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
488	13266	68105	50	221.4	205.9	1.4	0.04	0.000*	---	3.75	1.846
489	13268	68105	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.196
490	13270	68105	50	207.1	195.3	1.4	0.04	0.000*	---	3.57	1.427
491	13272	68105	50	166.6	165.3	1.4	0.04	0.000*	---	3.06	0.593
492	13273	68105	50	162.8	162.4	1.4	0.04	0.000*	---	3.02	0.538
493	13274	68105	50	389.5	330.2	1.4	0.04	0.000*	---	5.74	11.861
494	13280	68105	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.321
495	13281	68105	50	80.6	101.6	1.4	0.04	0.000*	---	1.95	0.025
496	13282	68105	50	142	147.1	1.4	0.04	0.000*	---	2.75	0.301
497	13283	68105	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.341
498	13285	68105	50	118.6	129.8	1.4	0.04	0.000*	---	2.45	0.138
499	13287	68105	50	122.4	132.5	1.4	0.04	0.000*	---	2.5	0.158
500	13288	68105	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
501	13290	68105	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
502	13294	68105	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
503	13298	68105	50	92.8	110.7	1.4	0.04	0.000*	---	2.11	0.047
504	13299	68105	50	82.1	102.7	1.4	0.04	0.000*	---	1.97	0.027
505	13302	68105	50	62.4	88.2	1.4	0.04	0.000*	---	1.71	0.008
506	13303	68105	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
507	13313	68105	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
508	13315	68105	50	60.9	87.1	1.4	0.04	0.000*	---	1.69	0.008
509	13317	68105	50	69.3	93.3	1.4	0.04	0.000*	---	1.8	0.013
510	13319	68105	50	87	106.4	1.4	0.04	0.000*	---	2.03	0.035
511	13321	68105	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
512	13322	68105	50	42.2	73.2	1.4	0.04	0.000*	---	1.43	0.002
513	13324	68105	50	49.5	78.6	1.4	0.04	0.000*	---	1.53	0.003
514	13325	68105	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015
515	13327	68105	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
516	13331	68105	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
517	13332	68105	50	34.8	67.8	1.4	0.04	0.000*	---	1.33	0.001
518	13334	68105	50	68.1	92.4	1.4	0.04	0.000*	---	1.78	0.012
519	13336	68105	50	163.2	162.8	1.4	0.04	0.000*	---	3.02	0.544
520	13343	68105	50	199.1	189.3	1.4	0.04	0.000*	---	3.47	1.221
521	13344	68105	50	118.1	129.4	1.4	0.04	0.000*	---	2.44	0.135
522	13345	68105	50	52.5	80.9	1.4	0.04	0.000*	---	1.57	0.004
523	13348	68105	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.228
524	13350	68105	50	49.2	78.4	1.4	0.04	0.000*	---	1.53	0.003
525	13352	68105	50	86	105.6	1.4	0.04	0.000*	---	2.02	0.033
526	13354	68105	50	154.5	156.3	1.4	0.04	0.000*	---	2.91	0.432
527	13356	68105	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
528	13358	68105	50	89.3	108	1.4	0.04	0.000*	---	2.06	0.039
529	13359	68105	50	148.2	151.7	1.4	0.04	0.000*	---	2.83	0.362
530	13361	68105	50	214.7	200.9	1.4	0.04	0.000*	---	3.67	1.641
531	13363	68105	50	621.1	501.6	1.4	0.04	0.000*	---	8.23	33.938
532	13364	68105	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.141
533	13365	68105	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
534	13366	68105	50	162.1	161.9	1.4	0.04	0.000*	---	3.01	0.528
535	13367	68105	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
536	13369	68105	50	262.6	236.3	1.4	0.04	0.000*	---	4.25	3.441
537	13370	68105	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
538	13372	68105	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.925
539	13373	68105	50	43.9	74.5	1.4	0.04	0.000*	---	1.46	0.002
540	13375	68105	50	224.1	207.9	1.4	0.04	0.000*	---	3.78	1.933
541	13376	68105	50	52.2	80.6	1.4	0.04	0.000*	---	1.57	0.004
542	13377	68105	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
543	13379	68105	50	74.3	97	1.4	0.04	0.000*	---	1.87	0.018
544	13381	68105	50	57.4	84.4	1.4	0.04	0.000*	---	1.64	0.006
545	13382	68105	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.034
546	13383	68105	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
547	13384	68105	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
548	13386	68105	50	36	68.6	1.4	0.04	0.000*	---	1.35	0.001

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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Run Mode: Research

* : signify default values used in place of missing input data.
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
549	13387	68105	50	264.1	237.4	1.4	0.04	0.000*	---	4.27	3.513
550	13388	68105	50	64.5	89.7	1.4	0.04	0.000*	---	1.73	0.01
551	13389	68105	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
552	13391	68105	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
553	13392	68105	50	47	76.8	1.4	0.04	0.000*	---	1.5	0.003
554	13394	68105	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
555	13395	68105	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
556	13397	68105	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.613
557	13398	68105	50	54.7	82.5	1.4	0.04	0.000*	---	1.6	0.005
558	13401	68105	50	86.4	106	1.4	0.04	0.000*	---	2.03	0.034
559	13402	68105	50	149.9	153	1.4	0.04	0.000*	---	2.85	0.38
560	13403	68105	50	65.1	90.2	1.4	0.04	0.000*	---	1.74	0.01
561	13404	68105	50	47.9	77.5	1.4	0.04	0.000*	---	1.51	0.003
562	13409	68105	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
563	13410	68105	50	44.5	74.9	1.4	0.04	0.000*	---	1.46	0.002
564	13417	68105	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
565	13421	68105	50	92.5	110.4	1.4	0.04	0.000*	---	2.11	0.046
566	13425	68105	50	63.7	89.1	1.4	0.04	0.000*	---	1.72	0.009
567	13426	68105	50	55.9	83.4	1.4	0.04	0.000*	---	1.62	0.005
568	13430	68105	50	44.9	75.2	1.4	0.04	0.000*	---	1.47	0.002
569	13432	68105	50	101	116.8	1.4	0.04	0.000*	---	2.22	0.068
570	13437	68105	50	52.1	80.5	1.4	0.04	0.000*	---	1.57	0.004
571	13438	68105	50	54.4	82.3	1.4	0.04	0.000*	---	1.6	0.005
572	13439	68105	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
573	13441	68105	50	87.9	107.1	1.4	0.04	0.000*	---	2.05	0.037
574	13442	68105	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
575	13443	68105	50	62.5	88.2	1.4	0.04	0.000*	---	1.71	0.008
576	13444	68105	50	93.3	111	1.4	0.04	0.000*	---	2.12	0.048
577	13446	68105	50	57.1	84.3	1.4	0.04	0.000*	---	1.63	0.006
578	13448	68105	50	221.8	206.1	1.4	0.04	0.000*	---	3.75	1.857
579	13453	68105	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.121
580	13455	68105	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.067
581	13456	68105	50	292	258.1	1.4	0.04	0.000*	---	4.6	4.948
582	13458	68105	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
583	13459	68105	50	57.6	84.7	1.4	0.04	0.000*	---	1.64	0.006
584	13460	68105	50	152.8	155.1	1.4	0.04	0.000*	---	2.89	0.412
585	13461	68105	50	72.6	95.8	1.4	0.04	0.000*	---	1.84	0.016
586	13462	68105	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
587	13463	68105	50	43.9	74.5	1.4	0.04	0.000*	---	1.46	0.002
588	13464	68105	50	155.6	157.2	1.4	0.04	0.000*	---	2.92	0.445
589	13465	68105	50	63.3	88.9	1.4	0.04	0.000*	---	1.72	0.009
590	13467	68105	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.716
591	13470	68105	50	146.8	150.7	1.4	0.04	0.000*	---	2.81	0.348
592	13471	68105	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.239
593	13472	68105	50	57.7	84.7	1.4	0.04	0.000*	---	1.64	0.006
594	13475	68105	50	126.7	135.7	1.4	0.04	0.000*	---	2.55	0.183
595	13476	68105	50	52.4	80.8	1.4	0.04	0.000*	---	1.57	0.004
596	13479	68105	50	128.4	137.1	1.4	0.04	0.000*	---	2.58	0.195
597	13480	68105	50	54.9	82.6	1.4	0.04	0.000*	---	1.6	0.005
598	13482	68105	50	171.7	169	1.4	0.04	0.000*	---	3.13	0.671
599	13483	68105	50	41.2	72.5	1.4	0.04	0.000*	---	1.42	0.002
600	13484	68105	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
601	13487	68105	50	44.6	75	1.4	0.04	0.000*	---	1.47	0.002
602	13489	68105	50	65.9	90.8	1.4	0.04	0.000*	---	1.75	0.011
603	13490	68105	50	96	113.1	1.4	0.04	0.000*	---	2.15	0.054
604	13491	68105	50	59.5	86.1	1.4	0.04	0.000*	---	1.67	0.007
605	13492	68105	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.039
606	13493	68105	50	36	68.7	1.4	0.04	0.000*	---	1.35	0.001
607	13494	68105	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
608	13495	68105	50	60.9	87.1	1.4	0.04	0.000*	---	1.69	0.008
609	13497	68105	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
610	13500	68105	50	121.7	132.1	1.4	0.04	0.000*	---	2.49	0.154
611	13501	68105	50	48.3	77.7	1.4	0.04	0.000*	---	1.52	0.003
612	13504	68105	50	169.1	167.1	1.4	0.04	0.000*	---	3.1	0.631
613	13505	68105	50	168.3	166.5	1.4	0.04	0.000*	---	3.09	0.618
614	13506	68105	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
615	13507	68105	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
616	13508	68105	50	48	77.5	1.4	0.04	0.000*	---	1.51	0.003
617	13509	68105	50	171.7	169	1.4	0.04	0.000*	---	3.13	0.671
618	13511	68105	50	275.2	245.6	1.4	0.04	0.000*	---	4.4	4.05
619	13512	68105	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.519
620	13513	68105	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
621	13514	68105	50	277.8	247.6	1.4	0.04	0.000*	---	4.44	4.183
622	13515	68105	50	45.4	75.6	1.4	0.04	0.000*	---	1.48	0.002
623	13522	68105	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.673
624	13523	68105	50	47.1	76.8	1.4	0.04	0.000*	---	1.5	0.003
625	13525	68105	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.808
626	13526	68105	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
627	13531	68105	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
628	13532	68105	50	47.6	77.2	1.4	0.04	0.000*	---	1.51	0.003
629	13533	68105	50	47	76.8	1.4	0.04	0.000*	---	1.5	0.003
630	13534	68105	50	79.1	100.5	1.4	0.04	0.000*	---	1.93	0.023
631	13537	68105	50	66.8	91.5	1.4	0.04	0.000*	---	1.76	0.011
632	13540	68105	50	154	156	1.4	0.04	0.000*	---	2.9	0.427
633	13541	68105	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
634	13542	68105	50	72.9	95.9	1.4	0.04	0.000*	---	1.85	0.016
635	13543	68105	50	70.2	93.9	1.4	0.04	0.000*	---	1.81	0.014
636	13544	68105	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
637	13547	68105	50	46.9	76.7	1.4	0.04	0.000*	---	1.5	0.003
638	13549	68105	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
639	13551	68105	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
640	13552	68105	50	44.8	75.1	1.4	0.04	0.000*	---	1.47	0.002
641	13555	68105	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
642	13563	68105	50	82.1	102.8	1.4	0.04	0.000*	---	1.97	0.027
643	13564	68105	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
644	13566	68105	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
645	13567	68105	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
646	13568	68105	50	44	74.5	1.4	0.04	0.000*	---	1.46	0.002
647	13571	68105	50	50.7	79.6	1.4	0.04	0.000*	---	1.55	0.004
648	13572	68105	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
649	13573	68105	50	56.4	83.7	1.4	0.04	0.000*	---	1.62	0.006
650	13576	68105	50	129.8	138.1	1.4	0.04	0.000*	---	2.59	0.204
651	13577	68105	50	122	132.3	1.4	0.04	0.000*	---	2.49	0.156
652	13578	68105	50	26.5	61.6	1.4	0.04	0.000*	---	1.22	0
653	13579	68105	50	49.3	78.4	1.4	0.04	0.000*	---	1.53	0.003
654	13581	68105	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
655	13583	68105	50	174.8	171.4	1.4	0.04	0.000*	---	3.17	0.724
656	13584	68105	50	81.8	102.5	1.4	0.04	0.000*	---	1.96	0.027
657	13585	68105	50	43.7	74.3	1.4	0.04	0.000*	---	1.45	0.002
658	13586	68105	50	187.6	180.9	1.4	0.04	0.000*	---	3.33	0.965
659	13587	68105	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.235
660	13588	68105	50	67.1	91.6	1.4	0.04	0.000*	---	1.77	0.011
661	13590	68105	50	145.6	149.7	1.4	0.04	0.000*	---	2.8	0.335
662	13594	68105	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
663	13597	68105	50	49.6	78.7	1.4	0.04	0.000*	---	1.53	0.003
664	13598	68105	50	106.1	120.5	1.4	0.04	0.000*	---	2.28	0.084
665	13601	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
666	13603	68105	50	315.7	275.6	1.4	0.04	0.000*	---	4.89	6.373
667	13604	68105	50	49.5	78.7	1.4	0.04	0.000*	---	1.53	0.003
668	13605	68105	50	147.5	151.1	1.4	0.04	0.000*	---	2.82	0.354
669	13606	68105	50	147.9	151.4	1.4	0.04	0.000*	---	2.83	0.359
670	13607	68105	50	100.5	116.3	1.4	0.04	0.000*	---	2.21	0.066

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
671	13609	68105	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
672	13611	68105	50	134	141.2	1.4	0.04	0.000*	---	2.65	0.235
673	13612	68105	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.683
674	13613	68105	50	46.5	76.4	1.4	0.04	0.000*	---	1.49	0.003
675	13614	68105	50	90.1	108.7	1.4	0.04	0.000*	---	2.07	0.041
676	13616	68105	50	60.2	86.5	1.4	0.04	0.000*	---	1.68	0.007
677	13617	68105	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
678	13619	68105	50	116.4	128.1	1.4	0.04	0.000*	---	2.42	0.126
679	13624	68105	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.724
680	13625	68105	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
681	13626	68105	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
682	13627	68105	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
683	13628	68105	50	100.8	116.6	1.4	0.04	0.000*	---	2.22	0.067
684	13629	68105	50	253.7	229.7	1.4	0.04	0.000*	---	4.14	3.046
685	13630	68105	50	53.2	81.4	1.4	0.04	0.000*	---	1.58	0.004
686	13632	68105	50	218.7	203.9	1.4	0.04	0.000*	---	3.72	1.761
687	13633	68105	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
688	13634	68105	50	77.1	99	1.4	0.04	0.000*	---	1.9	0.021
689	13636	68105	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
690	13637	68105	50	79.6	100.9	1.4	0.04	0.000*	---	1.94	0.024
691	13638	68105	50	78.7	100.2	1.4	0.04	0.000*	---	1.92	0.023
692	13639	68105	50	177.1	173.1	1.4	0.04	0.000*	---	3.2	0.763
693	13643	68105	50	121	131.5	1.4	0.04	0.000*	---	2.48	0.15
694	13646	68105	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
695	13648	68105	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.327
696	13654	68105	50	50.3	79.3	1.4	0.04	0.000*	---	1.54	0.004
697	13656	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
698	13657	68105	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
699	13659	68105	50	64	89.3	1.4	0.04	0.000*	---	1.73	0.009
700	13660	68105	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
701	13663	68105	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
702	13664	68105	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
703	13665	68105	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
704	13670	68105	50	40.9	72.3	1.4	0.04	0.000*	---	1.42	0.002
705	13671	68105	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
706	13673	68105	50	90.2	108.7	1.4	0.04	0.000*	---	2.08	0.041
707	13678	68105	50	47.1	76.9	1.4	0.04	0.000*	---	1.5	0.003
708	13683	68105	50	79.1	100.6	1.4	0.04	0.000*	---	1.93	0.023
709	13684	68105	50	42.9	73.7	1.4	0.04	0.000*	---	1.44	0.002
710	13686	68105	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
711	13687	68105	50	56.4	83.8	1.4	0.04	0.000*	---	1.63	0.006
712	13688	68105	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
713	13689	68105	50	119.4	130.3	1.4	0.04	0.000*	---	2.46	0.142
714	13690	68105	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
715	13692	68105	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016
716	13697	68105	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.386
717	13701	68105	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
718	13702	68105	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
719	13703	68105	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
720	13705	68105	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.08
721	13706	68105	50	44.8	75.2	1.4	0.04	0.000*	---	1.47	0.002
722	13707	68105	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
723	13708	68105	50	231.7	213.5	1.4	0.04	0.000*	---	3.88	2.189
724	13711	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
725	13712	68105	50	79.4	100.8	1.4	0.04	0.000*	---	1.93	0.024
726	13713	68105	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
727	13714	68105	50	97.2	113.9	1.4	0.04	0.000*	---	2.17	0.057
728	13715	68105	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.999
729	13716	68105	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
730	13717	68105	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
731	13718	68105	50	72.1	95.4	1.4	0.04	0.000*	---	1.84	0.016

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
732	13719	68105	50	185.1	179	1.4	0.04	0.000*	---	3.3	0.913
733	13720	68105	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.028
734	13721	68105	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
735	13722	68105	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.882
736	13723	68105	50	54.7	82.5	1.4	0.04	0.000*	---	1.6	0.005
737	13724	68105	50	209.7	197.2	1.4	0.04	0.000*	---	3.61	1.498
738	13725	68105	50	74.4	97	1.4	0.04	0.000*	---	1.87	0.018
739	13726	68105	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
740	13728	68105	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
741	13730	68105	50	137.7	143.9	1.4	0.04	0.000*	---	2.7	0.264
742	13731	68105	50	142.6	147.5	1.4	0.04	0.000*	---	2.76	0.307
743	13732	68105	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
744	13733	68105	50	306.7	269	1.4	0.04	0.000*	---	4.78	5.812
745	13734	68105	50	80.2	101.3	1.4	0.04	0.000*	---	1.94	0.025
746	13735	68105	50	116.5	128.2	1.4	0.04	0.000*	---	2.42	0.127
747	13736	68105	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
748	13737	68105	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.647
749	13738	68105	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
750	13739	68105	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.343
751	13740	68105	50	104.7	119.4	1.4	0.04	0.000*	---	2.27	0.079
752	13741	68105	50	303.3	266.5	1.4	0.04	0.000*	---	4.74	5.605
753	13742	68105	50	134.1	141.3	1.4	0.04	0.000*	---	2.65	0.235
754	13743	68105	50	138.5	144.5	1.4	0.04	0.000*	---	2.71	0.27
755	13744	68105	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
756	13745	68105	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.786
757	13747	68105	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
758	13748	68105	50	147.1	150.8	1.4	0.04	0.000*	---	2.82	0.35
759	13749	68105	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.495
760	13750	68105	50	415.9	349.8	1.4	0.04	0.000*	---	6.04	14.137
761	13752	68105	50	67.5	91.9	1.4	0.04	0.000*	---	1.77	0.012
762	13753	68105	50	394.7	334.1	1.4	0.04	0.000*	---	5.8	12.296
763	13754	68105	50	138.3	144.4	1.4	0.04	0.000*	---	2.7	0.269
764	13756	68105	50	473.3	392.2	1.4	0.04	0.000*	---	6.67	19.444
765	13757	68105	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016
766	13758	68105	50	282	250.7	1.4	0.04	0.000*	---	4.49	4.401
767	13761	68105	50	42.9	73.8	1.4	0.04	0.000*	---	1.44	0.002
768	13762	68105	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.007
769	13763	68105	50	46.6	76.5	1.4	0.04	0.000*	---	1.49	0.003
770	13765	68105	50	105.6	120.1	1.4	0.04	0.000*	---	2.28	0.082
771	13769	68105	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
772	13772	68105	50	67.8	92.2	1.4	0.04	0.000*	---	1.78	0.012
773	13778	68105	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
774	13779	68105	50	44.4	74.8	1.4	0.04	0.000*	---	1.46	0.002
775	13780	68105	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
776	13781	68105	50	76.3	98.4	1.4	0.04	0.000*	---	1.89	0.02
777	13782	68105	50	67.6	92.1	1.4	0.04	0.000*	---	1.78	0.012
778	13783	68105	50	65.5	90.4	1.4	0.04	0.000*	---	1.75	0.01
779	13785	68105	50	311.7	272.6	1.4	0.04	0.000*	---	4.84	6.119
780	13789	68105	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
781	13790	68105	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221
782	13791	68105	50	310.7	272	1.4	0.04	0.000*	---	4.83	6.059
783	13793	68105	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
784	13797	68105	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
785	13799	68105	50	85	104.9	1.4	0.04	0.000*	---	2.01	0.032
786	13800	68105	50	50.3	79.2	1.4	0.04	0.000*	---	1.54	0.003
787	13803	68105	50	180.8	175.8	1.4	0.04	0.000*	---	3.24	0.831
788	13804	68105	50	33.1	66.5	1.4	0.04	0.000*	---	1.31	0.001
789	13805	68105	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.192
790	13811	68105	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
791	13812	68105	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.395
792	13814	68105	50	502	413.5	1.4	0.04	0.000*	---	6.98	22.231

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
793	13815	68105	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
794	13816	68105	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
795	13818	68105	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
796	13819	68105	50	106.7	121	1.4	0.04	0.000*	---	2.29	0.086
797	13820	68105	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
798	13821	68105	50	282.9	251.4	1.4	0.04	0.000*	---	4.5	4.452
799	13822	68105	50	160.6	160.9	1.4	0.04	0.000*	---	2.99	0.509
800	13823	68105	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
801	13828	68105	50	53.3	81.4	1.4	0.04	0.000*	---	1.58	0.004
802	13830	68105	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
803	13831	68105	50	123	133	1.4	0.04	0.000*	---	2.51	0.161
804	13833	68105	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.78
805	13834	68105	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
806	13835	68105	50	562.6	458.3	1.4	0.04	0.000*	---	7.63	28.203
807	13839	68105	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.51
808	13842	68105	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.135
809	13843	68105	50	194	185.6	1.4	0.04	0.000*	---	3.41	1.103
810	13844	68105	50	81.1	102	1.4	0.04	0.000*	---	1.96	0.026
811	13849	68105	50	252.5	228.9	1.4	0.04	0.000*	---	4.13	2.997
812	13850	68105	50	54.1	82.1	1.4	0.04	0.000*	---	1.59	0.005
813	13851	68105	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
814	13853	68105	50	81.3	102.1	1.4	0.04	0.000*	---	1.96	0.026
815	13855	68105	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
816	13856	68105	50	232.2	213.8	1.4	0.04	0.000*	---	3.88	2.205
817	13857	68105	50	47.1	76.8	1.4	0.04	0.000*	---	1.5	0.003
818	13858	68105	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.906
819	13859	68105	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.621
820	13861	68105	50	261.2	235.3	1.4	0.04	0.000*	---	4.24	3.38
821	13863	68105	50	250.6	227.5	1.4	0.04	0.000*	---	4.11	2.917
822	13864	68105	50	218.6	203.7	1.4	0.04	0.000*	---	3.71	1.756
823	13865	68105	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
824	13866	68105	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.058
825	13869	68105	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
826	13871	68105	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.183
827	13872	68105	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.676
828	13875	68105	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
829	13879	68105	50	161.5	161.5	1.4	0.04	0.000*	---	3	0.521
830	13880	68105	50	166.2	165	1.4	0.04	0.000*	---	3.06	0.586
831	13882	68105	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
832	13884	68105	50	131	138.9	1.4	0.04	0.000*	---	2.61	0.212
833	13886	68105	50	139.8	145.5	1.4	0.04	0.000*	---	2.72	0.282
834	13890	68105	50	512.3	421.1	1.4	0.04	0.000*	---	7.09	23.237
835	13891	68105	50	72.3	95.5	1.4	0.04	0.000*	---	1.84	0.016
836	13893	68105	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
837	13898	68105	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.615
838	13900	68105	50	81.8	102.5	1.4	0.04	0.000*	---	1.96	0.027
839	13904	68105	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
840	13905	68105	50	237.9	218.1	1.4	0.04	0.000*	---	3.95	2.414
841	13906	68105	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
842	13907	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
843	13908	68105	50	204.4	193.3	1.4	0.04	0.000*	---	3.54	1.355
844	13909	68105	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
845	13910	68105	50	173.4	170.3	1.4	0.04	0.000*	---	3.15	0.7
846	13911	68105	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.598
847	13912	68105	50	184.8	178.8	1.4	0.04	0.000*	---	3.29	0.907
848	13913	68105	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.566
849	13914	68105	50	115.1	127.1	1.4	0.04	0.000*	---	2.4	0.12
850	13915	68105	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
851	13916	68105	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
852	13917	68105	50	103.2	118.4	1.4	0.04	0.000*	---	2.25	0.074
853	13918	68105	50	64.8	89.9	1.4	0.04	0.000*	---	1.74	0.01

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
854	13919	68105	50	102.9	118.2	1.4	0.04	0.000*	---	2.24	0.074
855	13922	68105	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.13
856	13927	68105	50	50.2	79.1	1.4	0.04	0.000*	---	1.54	0.003
857	13928	68105	50	122.5	132.7	1.4	0.04	0.000*	---	2.5	0.159
858	13932	68105	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.059
859	13934	68105	50	49.3	78.5	1.4	0.04	0.000*	---	1.53	0.003
860	13935	68105	50	37.8	70	1.4	0.04	0.000*	---	1.37	0.001
861	13940	68105	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
862	13942	68105	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
863	13943	68105	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
864	13944	68105	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
865	13945	68105	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
866	13947	68105	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
867	13948	68105	50	135.9	142.6	1.4	0.04	0.000*	---	2.67	0.249
868	13951	68105	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
869	13952	68105	50	220	204.8	1.4	0.04	0.000*	---	3.73	1.801
870	13956	68105	50	286	253.7	1.4	0.04	0.000*	---	4.53	4.617
871	13957	68105	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.167
872	13959	68105	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
873	13966	68105	50	69.3	93.3	1.4	0.04	0.000*	---	1.8	0.013
874	13970	68105	50	68.6	92.7	1.4	0.04	0.000*	---	1.79	0.012
875	13971	68105	50	37.5	69.7	1.4	0.04	0.000*	---	1.37	0.001
876	13972	68105	50	196.2	187.2	1.4	0.04	0.000*	---	3.44	1.153
877	13973	68105	50	58.3	85.2	1.4	0.04	0.000*	---	1.65	0.006
878	13974	68105	50	68.6	92.8	1.4	0.04	0.000*	---	1.79	0.013
879	13975	68105	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
880	13976	68105	50	66.3	91	1.4	0.04	0.000*	---	1.76	0.011
881	13977	68105	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
882	13979	68105	50	72.3	95.5	1.4	0.04	0.000*	---	1.84	0.016
883	13980	68105	50	240.4	219.9	1.4	0.04	0.000*	---	3.98	2.507
884	13981	68105	50	235.7	216.4	1.4	0.04	0.000*	---	3.93	2.332
885	13982	68105	50	34.8	67.8	1.4	0.04	0.000*	---	1.33	0.001
886	13984	68105	50	327.4	284.3	1.4	0.04	0.000*	---	5.02	7.145
887	13985	68105	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
888	13986	68105	50	483.8	400	1.4	0.04	0.000*	---	6.78	20.456
889	13987	68105	50	301.4	265.1	1.4	0.04	0.000*	---	4.72	5.493
890	13988	68105	50	86	105.7	1.4	0.04	0.000*	---	2.02	0.033
891	13991	68105	50	64.3	89.6	1.4	0.04	0.000*	---	1.73	0.01
892	13993	68105	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
893	13997	68105	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.998
894	13999	68105	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
895	14000	68105	50	110.5	123.7	1.4	0.04	0.000*	---	2.34	0.101
896	14002	68105	50	121.8	132.1	1.4	0.04	0.000*	---	2.49	0.155
897	14003	68105	50	61.1	87.3	1.4	0.04	0.000*	---	1.69	0.008
898	14005	68105	50	134.8	141.7	1.4	0.04	0.000*	---	2.66	0.24
899	14006	68105	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
900	14007	68105	50	190.8	183.2	1.4	0.04	0.000*	---	3.37	1.032
901	14009	68105	50	300.2	264.2	1.4	0.04	0.000*	---	4.7	5.421
902	14010	68105	50	44.8	75.2	1.4	0.04	0.000*	---	1.47	0.002
903	14012	68105	50	363.3	310.8	1.4	0.04	0.000*	---	5.44	9.747
904	14013	68105	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
905	14014	68105	50	34.8	67.8	1.4	0.04	0.000*	---	1.33	0.001
906	14015	68105	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
907	14016	68105	50	50.6	79.4	1.4	0.04	0.000*	---	1.55	0.004
908	14017	68105	50	96	113	1.4	0.04	0.000*	---	2.15	0.054
909	14019	68105	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.04
910	14021	68105	50	91.7	109.8	1.4	0.04	0.000*	---	2.1	0.044
911	14023	68105	50	45.3	75.5	1.4	0.04	0.000*	---	1.48	0.002
912	14024	68105	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
913	14025	68105	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
914	14026	68105	50	66.8	91.5	1.4	0.04	0.000*	---	1.77	0.011

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
915	14027	68105	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
916	14030	68105	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
917	14031	68105	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
918	14033	68105	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.323
919	14034	68105	50	65.7	90.6	1.4	0.04	0.000*	---	1.75	0.01
920	14036	68105	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
921	14039	68105	50	85.2	105	1.4	0.04	0.000*	---	2.01	0.032
922	14040	68105	50	207.7	195.7	1.4	0.04	0.000*	---	3.58	1.442
923	14042	68105	50	71.5	94.9	1.4	0.04	0.000*	---	1.83	0.015
924	14044	68105	50	452.5	376.9	1.4	0.04	0.000*	---	6.44	17.478
925	14045	68105	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
926	14047	68105	50	56	83.5	1.4	0.04	0.000*	---	1.62	0.005
927	14049	68105	50	116.3	128.1	1.4	0.04	0.000*	---	2.42	0.126
928	14050	68105	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.124
929	14052	68105	50	114.4	126.7	1.4	0.04	0.000*	---	2.39	0.117
930	14053	68105	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
931	14054	68105	50	36.5	69	1.4	0.04	0.000*	---	1.36	0.001
932	14058	68105	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
933	14060	68105	50	45.2	75.4	1.4	0.04	0.000*	---	1.47	0.002
934	14061	68105	50	521.8	428.2	1.4	0.04	0.000*	---	7.19	24.179
935	14063	68105	50	412.1	347	1.4	0.04	0.000*	---	5.99	13.802
936	14064	68105	50	312.3	273.1	1.4	0.04	0.000*	---	4.84	6.154
937	14066	68105	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
938	14068	68105	50	49.3	78.5	1.4	0.04	0.000*	---	1.53	0.003
939	14069	68105	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246
940	14070	68105	50	49	78.3	1.4	0.04	0.000*	---	1.53	0.003
941	14073	68105	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
942	14075	68105	50	82.5	103.1	1.4	0.04	0.000*	---	1.97	0.028
943	14077	68105	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
944	14078	68105	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
945	14080	68105	50	110.5	123.8	1.4	0.04	0.000*	---	2.34	0.101
946	14082	68105	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
947	14085	68105	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
948	14088	68105	50	46.6	76.5	1.4	0.04	0.000*	---	1.49	0.003
949	14090	68105	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
950	14091	68105	50	321.6	280	1.4	0.04	0.000*	---	4.95	6.757
951	14092	68105	50	51.3	80	1.4	0.04	0.000*	---	1.56	0.004
952	14093	68105	50	49.4	78.5	1.4	0.04	0.000*	---	1.53	0.003
953	14094	68105	50	77.1	99	1.4	0.04	0.000*	---	1.9	0.021
954	14097	68105	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
955	14098	68105	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.216
956	14099	68105	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.671
957	14100	68105	50	253.4	229.6	1.4	0.04	0.000*	---	4.14	3.036
958	14101	68105	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.072
959	14102	68105	50	168.2	166.5	1.4	0.04	0.000*	---	3.09	0.618
960	14103	68105	50	41.7	72.9	1.4	0.04	0.000*	---	1.43	0.002
961	14104	68105	50	469.9	389.8	1.4	0.04	0.000*	---	6.63	19.126
962	14105	68105	50	261.3	235.4	1.4	0.04	0.000*	---	4.24	3.384
963	14107	68105	50	428.6	359.2	1.4	0.04	0.000*	---	6.18	15.272
964	14108	68105	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
965	14109	68105	50	49.1	78.4	1.4	0.04	0.000*	---	1.53	0.003
966	14114	68105	50	126	135.3	1.4	0.04	0.000*	---	2.54	0.179
967	14115	68105	50	80.6	101.7	1.4	0.04	0.000*	---	1.95	0.025
968	14116	68105	50	118.6	129.8	1.4	0.04	0.000*	---	2.45	0.138
969	14117	68105	50	246.3	224.2	1.4	0.04	0.000*	---	4.05	2.737
970	14118	68105	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.166
971	14119	68105	50	142.8	147.7	1.4	0.04	0.000*	---	2.76	0.309
972	14120	68105	50	244.8	223.1	1.4	0.04	0.000*	---	4.04	2.678
973	14122	68105	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
974	14124	68105	50	35.1	67.9	1.4	0.04	0.000*	---	1.34	0.001
975	14125	68105	50	346.2	298.2	1.4	0.04	0.000*	---	5.24	8.465

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GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
976	14126	68105	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.119
977	14127	68105	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
978	14129	68105	50	267.3	239.8	1.4	0.04	0.000*	---	4.31	3.662
979	14131	68105	50	51.2	79.8	1.4	0.04	0.000*	---	1.55	0.004
980	14132	68105	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.067
981	14133	68105	50	261.1	235.3	1.4	0.04	0.000*	---	4.23	3.376
982	14137	68105	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
983	14138	68105	50	292.8	258.6	1.4	0.04	0.000*	---	4.61	4.991
984	14139	68105	50	34.2	67.3	1.4	0.04	0.000*	---	1.32	0.001
985	14142	68105	50	55	82.7	1.4	0.04	0.000*	---	1.61	0.005
986	14143	68105	50	37	69.4	1.4	0.04	0.000*	---	1.36	0.001
987	14144	68105	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.217
988	14145	68105	50	83.3	103.7	1.4	0.04	0.000*	---	1.98	0.029
989	14146	68105	50	76.8	98.9	1.4	0.04	0.000*	---	1.9	0.02
990	14148	68105	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
991	14149	68105	50	96	113	1.4	0.04	0.000*	---	2.15	0.054
992	14150	68105	50	30.7	64.7	1.4	0.04	0.000*	---	1.28	0.001
993	14152	68105	50	31.7	65.4	1.4	0.04	0.000*	---	1.29	0.001
994	14154	68105	50	28.2	62.8	1.4	0.04	0.000*	---	1.24	0
995	14155	68105	50	106.3	120.7	1.4	0.04	0.000*	---	2.29	0.085
996	14156	68105	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
997	14157	68105	50	50	79	1.4	0.04	0.000*	---	1.54	0.003
998	14159	68105	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
999	14160	68105	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
1000	14161	68105	50	48	77.5	1.4	0.04	0.000*	---	1.51	0.003
1001	14162	68105	50	42.8	73.7	1.4	0.04	0.000*	---	1.44	0.002
1002	14163	68105	50	193.2	185	1.4	0.04	0.000*	---	3.4	1.086
1003	14164	68105	50	67.6	92	1.4	0.04	0.000*	---	1.78	0.012
1004	14165	68105	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
1005	14166	68105	50	31.1	65	1.4	0.04	0.000*	---	1.28	0.001
1006	14167	68105	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
1007	14168	68105	50	80.5	101.5	1.4	0.04	0.000*	---	1.95	0.025
1008	14169	68105	50	79.1	100.6	1.4	0.04	0.000*	---	1.93	0.023
1009	14170	68105	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
1010	14172	68105	50	280.5	249.6	1.4	0.04	0.000*	---	4.47	4.323
1011	14175	68105	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
1012	14176	68105	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
1013	14177	68105	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.248
1014	14178	68105	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
1015	14180	68105	50	120.5	131.2	1.4	0.04	0.000*	---	2.47	0.148
1016	14181	68105	50	101.8	117.4	1.4	0.04	0.000*	---	2.23	0.07
1017	14182	68105	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
1018	14183	68105	50	125.6	135	1.4	0.04	0.000*	---	2.54	0.177
1019	14187	68105	50	66.3	91	1.4	0.04	0.000*	---	1.76	0.011
1020	14188	68105	50	319	278	1.4	0.04	0.000*	---	4.92	6.584
1021	14190	68105	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.944
1022	14191	68105	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
1023	14193	68105	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
1024	14194	68105	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
1025	14195	68105	50	326.9	283.9	1.4	0.04	0.000*	---	5.02	7.108
1026	14196	68105	50	257.8	232.8	1.4	0.04	0.000*	---	4.19	3.226
1027	14197	68105	50	56.4	83.7	1.4	0.04	0.000*	---	1.62	0.006
1028	14198	68105	50	137	143.4	1.4	0.04	0.000*	---	2.69	0.258
1029	14199	68105	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
1030	14200	68105	50	181.7	176.4	1.4	0.04	0.000*	---	3.26	0.847
1031	14201	68105	50	57.9	84.8	1.4	0.04	0.000*	---	1.65	0.006
1032	14206	68105	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
1033	14207	68105	50	42.4	73.4	1.4	0.04	0.000*	---	1.44	0.002
1034	14211	68105	50	163.3	162.9	1.4	0.04	0.000*	---	3.02	0.546
1035	14212	68105	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
1036	14214	68105	50	74.9	97.5	1.4	0.04	0.000*	---	1.87	0.018

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1037	14215	68105	50	318.7	277.9	1.4	0.04	0.000*	---	4.92	6.567
1038	14216	68105	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
1039	14221	68105	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
1040	14222	68105	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.938
1041	14223	68105	50	283.8	252	1.4	0.04	0.000*	---	4.51	4.499
1042	14225	68105	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
1043	14226	68105	50	23.8	59.6	1.4	0.04	0.000*	---	1.18	0
1044	14227	68105	50	267.3	239.8	1.4	0.04	0.000*	---	4.31	3.664
1045	14228	68105	50	50	79	1.4	0.04	0.000*	---	1.54	0.003
1046	14229	68105	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
1047	14233	68105	50	46.6	76.5	1.4	0.04	0.000*	---	1.49	0.003
1048	14234	68105	50	313.3	273.8	1.4	0.04	0.000*	---	4.86	6.22
1049	14236	68105	50	43.8	74.4	1.4	0.04	0.000*	---	1.45	0.002
1050	14237	68105	50	21.9	58.2	1.4	0.04	0.000*	---	1.16	0
1051	14238	68105	50	170.1	167.9	1.4	0.04	0.000*	---	3.11	0.647
1052	14240	68105	50	57.4	84.5	1.4	0.04	0.000*	---	1.64	0.006
1053	14243	68105	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
1054	14244	68105	50	43.9	74.5	1.4	0.04	0.000*	---	1.46	0.002
1055	14245	68105	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
1056	14247	68105	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
1057	14248	68105	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
1058	14250	68105	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
1059	14253	68105	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
1060	14254	68105	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
1061	14255	68105	50	72.3	95.5	1.4	0.04	0.000*	---	1.84	0.016
1062	14257	68105	50	93.2	111	1.4	0.04	0.000*	---	2.12	0.048
1063	14259	68105	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.878
1064	14260	68105	50	61	87.1	1.4	0.04	0.000*	---	1.69	0.008
1065	14261	68105	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
1066	14262	68105	50	109.3	122.8	1.4	0.04	0.000*	---	2.33	0.096
1067	14263	68105	50	516.1	423.9	1.4	0.04	0.000*	---	7.13	23.616
1068	14265	68105	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
1069	14266	68105	50	19.2	56.2	1.4	0.04	0.000*	---	1.12	0
1070	14267	68105	50	161.2	161.3	1.4	0.04	0.000*	---	3	0.516
1071	14268	68105	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
1072	14271	68105	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
1073	14275	68105	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.615
1074	14276	68105	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
1075	14277	68105	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
1076	14280	68105	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.694
1077	14281	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
1078	14283	68105	50	398.2	336.6	1.4	0.04	0.000*	---	5.84	12.592
1079	14288	68105	50	314.5	274.7	1.4	0.04	0.000*	---	4.87	6.297
1080	14289	68105	50	154.5	156.3	1.4	0.04	0.000*	---	2.91	0.432
1081	14291	68105	50	111	124.1	1.4	0.04	0.000*	---	2.35	0.103
1082	14293	68105	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.629
1083	14294	68105	50	206.8	195	1.4	0.04	0.000*	---	3.57	1.418
1084	14295	68105	50	35.2	68	1.4	0.04	0.000*	---	1.34	0.001
1085	14296	68105	50	25.7	61	1.4	0.04	0.000*	---	1.21	0
1086	14298	68105	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
1087	14301	68105	50	271.1	242.6	1.4	0.04	0.000*	---	4.36	3.849
1088	14302	68105	50	31.3	65.1	1.4	0.04	0.000*	---	1.28	0.001
1089	14303	68105	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.225
1090	14304	68105	50	79.8	101	1.4	0.04	0.000*	---	1.94	0.024
1091	14307	68105	50	142.4	147.3	1.4	0.04	0.000*	---	2.76	0.305
1092	14310	68105	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.935
1093	14312	68105	50	32.5	66	1.4	0.04	0.000*	---	1.3	0.001
1094	14317	68105	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.148
1095	14318	68105	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
1096	14319	68105	50	304.4	267.3	1.4	0.04	0.000*	---	4.75	5.67
1097	14322	68105	50	57.7	84.7	1.4	0.04	0.000*	---	1.64	0.006

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1098	14323	68105	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
1099	14324	68105	50	209.2	196.8	1.4	0.04	0.000*	---	3.6	1.483
1100	14325	68105	50	64.4	89.7	1.4	0.04	0.000*	---	1.73	0.01
1101	14326	68105	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
1102	14329	68105	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227
1103	14330	68105	50	407.3	343.4	1.4	0.04	0.000*	---	5.94	13.38
1104	14336	68105	50	50.5	79.4	1.4	0.04	0.000*	---	1.55	0.004
1105	14339	68105	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.221
1106	14341	68105	50	408.1	344	1.4	0.04	0.000*	---	5.95	13.452
1107	14342	68105	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
1108	14344	68105	50	25.9	61.2	1.4	0.04	0.000*	---	1.21	0
1109	14346	68105	50	179.3	174.7	1.4	0.04	0.000*	---	3.23	0.803
1110	14347	68105	50	215.8	201.7	1.4	0.04	0.000*	---	3.68	1.672
1111	14348	68105	50	87.1	106.4	1.4	0.04	0.000*	---	2.03	0.035
1112	14350	68105	50	224.2	207.9	1.4	0.04	0.000*	---	3.78	1.935
1113	14352	68105	50	35.8	68.5	1.4	0.04	0.000*	---	1.35	0.001
1114	14355	68105	50	467.7	388.1	1.4	0.04	0.000*	---	6.61	18.917
1115	14356	68105	50	45.9	75.9	1.4	0.04	0.000*	---	1.48	0.002
1116	14361	68105	50	54.5	82.4	1.4	0.04	0.000*	---	1.6	0.005
1117	14363	68105	50	26	61.2	1.4	0.04	0.000*	---	1.21	0
1118	14364	68105	50	414.7	348.9	1.4	0.04	0.000*	---	6.02	14.027
1119	14365	68105	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
1120	14368	68105	50	252.1	228.5	1.4	0.04	0.000*	---	4.12	2.977
1121	14373	68105	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
1122	14377	68105	50	291.9	258	1.4	0.04	0.000*	---	4.6	4.94
1123	14378	68105	50	275.5	245.9	1.4	0.04	0.000*	---	4.41	4.067
1124	14380	68105	50	214.9	201.1	1.4	0.04	0.000*	---	3.67	1.647
1125	14381	68105	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.17
1126	14382	68105	50	39.5	71.3	1.4	0.04	0.000*	---	1.4	0.001
1127	14383	68105	50	250.6	227.5	1.4	0.04	0.000*	---	4.11	2.916
1128	14385	68105	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
1129	14386	68105	50	224.4	208	1.4	0.04	0.000*	---	3.79	1.94
1130	14387	68105	50	265.4	238.4	1.4	0.04	0.000*	---	4.29	3.572
1131	14390	68105	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
1132	14393	68105	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
1133	14394	68105	50	369.3	315.3	1.4	0.04	0.000*	---	5.51	10.223
1134	14395	68105	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
1135	14396	68105	50	60.4	86.7	1.4	0.04	0.000*	---	1.68	0.007
1136	14397	68105	50	196.8	187.6	1.4	0.04	0.000*	---	3.44	1.167
1137	14398	68105	50	56.9	84.1	1.4	0.04	0.000*	---	1.63	0.006
1138	14399	68105	50	17	54.6	1.4	0.04	0.000*	---	1.09	0
1139	14400	68105	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
1140	14402	68105	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
1141	14403	68105	50	166.8	165.4	1.4	0.04	0.000*	---	3.07	0.596
1142	14404	68105	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
1143	14405	68105	50	72	95.3	1.4	0.04	0.000*	---	1.83	0.015
1144	14406	68105	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
1145	14407	68105	50	45	75.3	1.4	0.04	0.000*	---	1.47	0.002
1146	14408	68105	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
1147	14409	68105	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.876
1148	14410	68105	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
1149	14411	68105	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
1150	14413	68105	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
1151	14415	68105	50	398.6	337	1.4	0.04	0.000*	---	5.84	12.633
1152	14419	68105	50	27.4	62.3	1.4	0.04	0.000*	---	1.23	0
1153	14420	68105	50	127.4	136.3	1.4	0.04	0.000*	---	2.56	0.188
1154	14422	68105	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
1155	14423	68105	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.943
1156	14424	68105	50	67.4	91.8	1.4	0.04	0.000*	---	1.77	0.012
1157	14426	68105	50	129	137.5	1.4	0.04	0.000*	---	2.58	0.199
1158	14427	68105	50	33	66.4	1.4	0.04	0.000*	---	1.31	0.001

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1159	14428	68105	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
1160	14429	68105	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
1161	14431	68105	50	197.7	188.3	1.4	0.04	0.000*	---	3.46	1.188
1162	14434	68105	50	45.8	75.9	1.4	0.04	0.000*	---	1.48	0.002
1163	14435	68105	50	356.2	305.6	1.4	0.04	0.000*	---	5.36	9.206
1164	14437	68105	50	459.3	381.9	1.4	0.04	0.000*	---	6.52	18.118
1165	14439	68105	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
1166	14441	68105	50	64.4	89.7	1.4	0.04	0.000*	---	1.73	0.01
1167	14443	68105	50	277.8	247.6	1.4	0.04	0.000*	---	4.43	4.182
1168	14446	68105	50	50	79	1.4	0.04	0.000*	---	1.54	0.003
1169	14447	68105	50	365.2	312.2	1.4	0.04	0.000*	---	5.46	9.895
1170	14448	68105	50	62.4	88.2	1.4	0.04	0.000*	---	1.71	0.008
1171	14450	68105	50	48.6	78	1.4	0.04	0.000*	---	1.52	0.003
1172	14451	68105	50	186.4	180	1.4	0.04	0.000*	---	3.31	0.94
1173	14452	68105	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
1174	14453	68105	50	189	181.8	1.4	0.04	0.000*	---	3.35	0.993
1175	14456	68105	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
1176	14457	68105	50	42.6	73.5	1.4	0.04	0.000*	---	1.44	0.002
1177	14459	68105	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.488
1178	14460	68105	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
1179	14462	68105	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
1180	14464	68105	50	30.9	64.9	1.4	0.04	0.000*	---	1.28	0.001
1181	14467	68105	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
1182	14469	68105	50	182.2	176.8	1.4	0.04	0.000*	---	3.26	0.856
1183	14471	68105	50	312.4	273.2	1.4	0.04	0.000*	---	4.85	6.165
1184	14472	68105	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.241
1185	14473	68105	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
1186	14478	68105	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
1187	14479	68105	50	117.8	129.1	1.4	0.04	0.000*	---	2.44	0.133
1188	14482	68105	50	435.8	364.5	1.4	0.04	0.000*	---	6.26	15.928
1189	14483	68105	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
1190	14484	68105	50	78.7	100.2	1.4	0.04	0.000*	---	1.92	0.023
1191	14487	68105	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
1192	14492	68105	50	52.7	81	1.4	0.04	0.000*	---	1.57	0.004
1193	14498	68105	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
1194	14499	68105	50	132.6	140.2	1.4	0.04	0.000*	---	2.63	0.224
1195	14500	68105	50	117.2	128.7	1.4	0.04	0.000*	---	2.43	0.131
1196	14502	68105	50	71.3	94.8	1.4	0.04	0.000*	---	1.82	0.015
1197	14504	68105	50	69.1	93.2	1.4	0.04	0.000*	---	1.8	0.013
1198	14506	68105	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
1199	14507	68105	50	44.4	74.9	1.4	0.04	0.000*	---	1.46	0.002
1200	14508	68105	50	116.3	128.1	1.4	0.04	0.000*	---	2.42	0.126
1201	14509	68105	50	64.9	90.1	1.4	0.04	0.000*	---	1.74	0.01
1202	14510	68105	50	40.5	72	1.4	0.04	0.000*	---	1.41	0.002
1203	14511	68105	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.868
1204	14512	68105	50	122.5	132.7	1.4	0.04	0.000*	---	2.5	0.159
1205	14513	68105	50	517.8	425.2	1.4	0.04	0.000*	---	7.15	23.78
1206	14515	68105	50	61.4	87.5	1.4	0.04	0.000*	---	1.69	0.008
1207	14517	68105	50	27	62	1.4	0.04	0.000*	---	1.23	0
1208	14520	68105	50	155.4	157	1.4	0.04	0.000*	---	2.92	0.442
1209	14522	68105	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.04
1210	14523	68105	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
1211	14524	68105	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
1212	14525	68105	50	104	119	1.4	0.04	0.000*	---	2.26	0.077
1213	14526	68105	50	472.4	391.5	1.4	0.04	0.000*	---	6.66	19.357
1214	14528	68105	50	37.2	69.5	1.4	0.04	0.000*	---	1.36	0.001
1215	14531	68105	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.334
1216	14532	68105	50	443.9	370.5	1.4	0.04	0.000*	---	6.35	16.673
1217	14533	68105	50	345.8	297.9	1.4	0.04	0.000*	---	5.24	8.431
1218	14534	68105	50	409.1	344.8	1.4	0.04	0.000*	---	5.96	13.54
1219	14535	68105	50	36	68.7	1.4	0.04	0.000*	---	1.35	0.001

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1220	14536	68105	50	507	417.2	1.4	0.04	0.000*	---	7.04	22.721
1221	14538	68105	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.947
1222	14539	68105	50	37.9	70.1	1.4	0.04	0.000*	---	1.38	0.001
1223	14542	68105	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.225
1224	14543	68105	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
1225	14544	68105	50	332.6	288.1	1.4	0.04	0.000*	---	5.08	7.497
1226	14546	68105	50	179.8	175	1.4	0.04	0.000*	---	3.23	0.811
1227	14548	68105	50	287.2	254.5	1.4	0.04	0.000*	---	4.55	4.682
1228	14549	68105	50	133.8	141	1.4	0.04	0.000*	---	2.64	0.233
1229	14550	68105	50	47.2	76.9	1.4	0.04	0.000*	---	1.5	0.003
1230	14551	68105	50	715.1	571.2	1.4	0.04	0.000*	---	9.17	42.716
1231	14556	68105	50	93	110.8	1.4	0.04	0.000*	---	2.11	0.047
1232	14557	68105	50	142.5	147.5	1.4	0.04	0.000*	---	2.76	0.306
1233	14561	68105	50	45.5	75.7	1.4	0.04	0.000*	---	1.48	0.002
1234	14565	68105	50	376.4	320.5	1.4	0.04	0.000*	---	5.59	10.787
1235	14567	68105	50	371.4	316.8	1.4	0.04	0.000*	---	5.53	10.383
1236	14568	68105	50	28.2	62.9	1.4	0.04	0.000*	---	1.24	0
1237	14572	68105	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
1238	14577	68105	50	106	120.4	1.4	0.04	0.000*	---	2.28	0.084
1239	14583	68105	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
1240	14584	68105	50	277.8	247.6	1.4	0.04	0.000*	---	4.43	4.182
1241	14587	68105	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
1242	14590	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
1243	14592	68105	50	257	232.1	1.4	0.04	0.000*	---	4.18	3.189
1244	14593	68105	50	90	108.6	1.4	0.04	0.000*	---	2.07	0.041
1245	14594	68105	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
1246	14597	68105	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
1247	14598	68105	50	97.6	114.2	1.4	0.04	0.000*	---	2.17	0.058
1248	14601	68105	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.502
1249	14602	68105	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
1250	14603	68105	50	252.8	229.1	1.4	0.04	0.000*	---	4.13	3.009
1251	14604	68105	50	31.1	65.1	1.4	0.04	0.000*	---	1.28	0.001
1252	14605	68105	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
1253	14606	68105	50	80.6	101.6	1.4	0.04	0.000*	---	1.95	0.025
1254	14609	68105	50	49.8	78.8	1.4	0.04	0.000*	---	1.54	0.003
1255	14611	68105	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
1256	14612	68105	50	56.6	83.9	1.4	0.04	0.000*	---	1.63	0.006
1257	14614	68105	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
1258	14618	68105	50	304.4	267.3	1.4	0.04	0.000*	---	4.75	5.672
1259	14620	68105	50	31	65	1.4	0.04	0.000*	---	1.28	0.001
1260	14624	68105	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
1261	14625	68105	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
1262	14626	68105	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
1263	14627	68105	50	43.4	74.1	1.4	0.04	0.000*	---	1.45	0.002
1264	14628	68105	50	277.1	247	1.4	0.04	0.000*	---	4.43	4.146
1265	14631	68105	50	69.1	93.1	1.4	0.04	0.000*	---	1.79	0.013
1266	14632	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
1267	14633	68105	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
1268	14634	68105	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.82
1269	14636	68105	50	48.9	78.2	1.4	0.04	0.000*	---	1.52	0.003
1270	14640	68105	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
1271	14641	68105	50	166.3	165.1	1.4	0.04	0.000*	---	3.06	0.588
1272	14644	68105	50	81.3	102.1	1.4	0.04	0.000*	---	1.96	0.026
1273	14646	68105	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
1274	14647	68105	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
1275	14648	68105	50	187.7	180.9	1.4	0.04	0.000*	---	3.33	0.966
1276	14649	68105	50	551.7	450.2	1.4	0.04	0.000*	---	7.51	27.127
1277	14650	68105	50	161.2	161.3	1.4	0.04	0.000*	---	3	0.517
1278	14651	68105	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
1279	14652	68105	50	39.5	71.3	1.4	0.04	0.000*	---	1.4	0.001
1280	14655	68105	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.895

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1281	14656	68105	50	54.5	82.3	1.4	0.04	0.000*	---	1.6	0.005
1282	14657	68105	50	51.8	80.4	1.4	0.04	0.000*	---	1.56	0.004
1283	14659	68105	50	368.2	314.5	1.4	0.04	0.000*	---	5.49	10.131
1284	14661	68105	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.103
1285	14662	68105	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
1286	14666	68105	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
1287	14667	68105	50	39.3	71.1	1.4	0.04	0.000*	---	1.39	0.001
1288	14679	68105	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
1289	14680	68105	50	46.1	76.1	1.4	0.04	0.000*	---	1.49	0.002
1290	14681	68105	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
1291	14682	68105	50	199.4	189.5	1.4	0.04	0.000*	---	3.48	1.229
1292	14687	68105	50	196.2	187.2	1.4	0.04	0.000*	---	3.44	1.153
1293	14688	68105	50	76	98.2	1.4	0.04	0.000*	---	1.89	0.019
1294	14689	68105	50	454.4	378.3	1.4	0.04	0.000*	---	6.46	17.658
1295	14691	68105	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
1296	14693	68105	50	70.1	93.9	1.4	0.04	0.000*	---	1.81	0.014
1297	14695	68105	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.595
1298	14696	68105	50	284.3	252.3	1.4	0.04	0.000*	---	4.51	4.522
1299	14698	68105	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
1300	14699	68105	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
1301	14702	68105	50	396.1	335.1	1.4	0.04	0.000*	---	5.81	12.421
1302	14703	68105	50	249.4	226.6	1.4	0.04	0.000*	---	4.09	2.867
1303	14708	68105	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.022
1304	14709	68105	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.277
1305	14711	68105	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
1306	14712	68105	50	425.4	356.8	1.4	0.04	0.000*	---	6.14	14.986
1307	14717	68105	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.567
1308	14718	68105	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.185
1309	14719	68105	50	35.5	68.3	1.4	0.04	0.000*	---	1.34	0.001
1310	14721	68105	50	69.1	93.1	1.4	0.04	0.000*	---	1.8	0.013
1311	14723	68105	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
1312	14725	68105	50	78.6	100.2	1.4	0.04	0.000*	---	1.92	0.022
1313	14727	68105	50	308.5	270.3	1.4	0.04	0.000*	---	4.8	5.92
1314	14730	68105	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
1315	14731	68105	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.123
1316	14733	68105	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
1317	14734	68105	50	136.8	143.3	1.4	0.04	0.000*	---	2.68	0.257
1318	14735	68105	50	81.8	102.5	1.4	0.04	0.000*	---	1.96	0.027
1319	14737	68105	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.282
1320	14739	68105	50	124.1	133.8	1.4	0.04	0.000*	---	2.52	0.168
1321	14743	68105	50	302.9	266.1	1.4	0.04	0.000*	---	4.73	5.578
1322	14744	68105	50	42.4	73.3	1.4	0.04	0.000*	---	1.44	0.002
1323	14746	68105	50	54.9	82.6	1.4	0.04	0.000*	---	1.6	0.005
1324	14749	68105	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.633
1325	14752	68105	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
1326	14753	68105	50	108.3	122.2	1.4	0.04	0.000*	---	2.31	0.092
1327	14755	68105	50	69.4	93.3	1.4	0.04	0.000*	---	1.8	0.013
1328	14756	68105	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.182
1329	14757	68105	50	21.9	58.2	1.4	0.04	0.000*	---	1.16	0
1330	14760	68105	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
1331	14761	68105	50	97.1	113.8	1.4	0.04	0.000*	---	2.17	0.057
1332	14763	68105	50	1196.7	927.6	1.4	0.04	0.000*	---	13.49	73.794
1333	14764	68105	50	37.5	69.8	1.4	0.04	0.000*	---	1.37	0.001
1334	14765	68105	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.045
1335	14766	68105	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
1336	14767	68105	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
1337	14768	68105	50	487.6	402.8	1.4	0.04	0.000*	---	6.83	20.824
1338	14769	68105	50	46.3	76.2	1.4	0.04	0.000*	---	1.49	0.003
1339	14774	68105	50	64	89.4	1.4	0.04	0.000*	---	1.73	0.009
1340	14776	68105	50	159.3	159.9	1.4	0.04	0.000*	---	2.97	0.491
1341	14777	68105	50	19.1	56.1	1.4	0.04	0.000*	---	1.12	0

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1342	14778	68105	50	30.6	64.7	1.4	0.04	0.000*	---	1.28	0.001
1343	14780	68105	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
1344	14781	68105	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
1345	14783	68105	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
1346	14784	68105	50	49.1	78.3	1.4	0.04	0.000*	---	1.53	0.003
1347	14787	68105	50	295.6	260.8	1.4	0.04	0.000*	---	4.65	5.153
1348	14788	68105	50	348.9	300.2	1.4	0.04	0.000*	---	5.27	8.663
1349	14790	68105	50	520.6	427.3	1.4	0.04	0.000*	---	7.18	24.056
1350	14791	68105	50	128.8	137.3	1.4	0.04	0.000*	---	2.58	0.197
1351	14794	68105	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
1352	14797	68105	50	278.2	247.9	1.4	0.04	0.000*	---	4.44	4.203
1353	14798	68105	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.232
1354	14799	68105	50	235.4	216.2	1.4	0.04	0.000*	---	3.92	2.319
1355	14801	68105	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.706
1356	14806	68105	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
1357	14809	68105	50	62.6	88.3	1.4	0.04	0.000*	---	1.71	0.009
1358	14810	68105	50	436.3	364.8	1.4	0.04	0.000*	---	6.26	15.97
1359	14811	68105	50	103.4	118.5	1.4	0.04	0.000*	---	2.25	0.075
1360	14812	68105	50	43.4	74.1	1.4	0.04	0.000*	---	1.45	0.002
1361	14813	68105	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
1362	14814	68105	50	250.4	227.3	1.4	0.04	0.000*	---	4.1	2.907
1363	14817	68105	50	353.4	303.5	1.4	0.04	0.000*	---	5.32	8.997
1364	14819	68105	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
1365	14820	68105	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.553
1366	14823	68105	50	63.3	88.8	1.4	0.04	0.000*	---	1.72	0.009
1367	14824	68105	50	69.9	93.7	1.4	0.04	0.000*	---	1.81	0.014
1368	14826	68105	50	50.6	79.5	1.4	0.04	0.000*	---	1.55	0.004
1369	14828	68105	50	122.8	132.9	1.4	0.04	0.000*	---	2.5	0.16
1370	14829	68105	50	150.6	153.5	1.4	0.04	0.000*	---	2.86	0.388
1371	14836	68105	50	302.1	265.6	1.4	0.04	0.000*	---	4.73	5.535
1372	14837	68105	50	112.9	125.5	1.4	0.04	0.000*	---	2.37	0.111
1373	14838	68105	50	354.5	304.4	1.4	0.04	0.000*	---	5.34	9.081
1374	14840	68105	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
1375	14843	68105	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
1376	14844	68105	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.862
1377	14845	68105	50	155.4	157	1.4	0.04	0.000*	---	2.92	0.443
1378	14846	68105	50	314	274.3	1.4	0.04	0.000*	---	4.86	6.263
1379	14852	68105	50	220.8	205.4	1.4	0.04	0.000*	---	3.74	1.826
1380	14857	68105	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
1381	14858	68105	50	238.7	218.6	1.4	0.04	0.000*	---	3.96	2.443
1382	14860	68105	50	204.1	193	1.4	0.04	0.000*	---	3.53	1.346
1383	14863	68105	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.14
1384	14864	68105	50	109.9	123.4	1.4	0.04	0.000*	---	2.34	0.099
1385	14869	68105	50	214	200.3	1.4	0.04	0.000*	---	3.66	1.619
1386	14872	68105	50	119.8	130.6	1.4	0.04	0.000*	---	2.46	0.144
1387	14875	68105	50	283.6	251.9	1.4	0.04	0.000*	---	4.51	4.489
1388	14876	68105	50	135.7	142.4	1.4	0.04	0.000*	---	2.67	0.248
1389	14877	68105	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
1390	14880	68105	50	166.6	165.3	1.4	0.04	0.000*	---	3.06	0.593
1391	14881	68105	50	60.7	86.9	1.4	0.04	0.000*	---	1.68	0.008
1392	14882	68105	50	449.6	374.7	1.4	0.04	0.000*	---	6.41	17.201
1393	14883	68105	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
1394	14884	68105	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
1395	14885	68105	50	204.3	193.2	1.4	0.04	0.000*	---	3.54	1.353
1396	14887	68105	50	282.5	251.1	1.4	0.04	0.000*	---	4.49	4.431
1397	14889	68105	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.56
1398	14892	68105	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.24
1399	14893	68105	50	159.7	160.2	1.4	0.04	0.000*	---	2.98	0.496
1400	14896	68105	50	41.1	72.4	1.4	0.04	0.000*	---	1.42	0.002
1401	14897	68105	50	128.4	137.1	1.4	0.04	0.000*	---	2.58	0.195
1402	14900	68105	50	56.9	84.1	1.4	0.04	0.000*	---	1.63	0.006

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1403	14905	68105	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.077
1404	14906	68105	50	300.5	264.4	1.4	0.04	0.000*	---	4.71	5.437
1405	14908	68105	50	55.6	83.2	1.4	0.04	0.000*	---	1.61	0.005
1406	14909	68105	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.889
1407	14910	68105	50	44.2	74.7	1.4	0.04	0.000*	---	1.46	0.002
1408	14913	68105	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.598
1409	14915	68105	50	279.7	248.9	1.4	0.04	0.000*	---	4.46	4.28
1410	14916	68105	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
1411	14917	68105	50	167.8	166.2	1.4	0.04	0.000*	---	3.08	0.611
1412	14918	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
1413	14919	68105	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.561
1414	14920	68105	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
1415	14921	68105	50	169.5	167.5	1.4	0.04	0.000*	---	3.1	0.638
1416	14922	68105	50	42	73.1	1.4	0.04	0.000*	---	1.43	0.002
1417	14923	68105	50	365.1	312.2	1.4	0.04	0.000*	---	5.46	9.891
1418	14924	68105	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
1419	14926	68105	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
1420	14927	68105	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.335
1421	14928	68105	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
1422	14929	68105	50	44.3	74.8	1.4	0.04	0.000*	---	1.46	0.002
1423	14930	68105	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
1424	14934	68105	50	38.9	70.8	1.4	0.04	0.000*	---	1.39	0.001
1425	14937	68105	50	58.3	85.1	1.4	0.04	0.000*	---	1.65	0.006
1426	14938	68105	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
1427	14942	68105	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
1428	14945	68105	50	38.5	70.5	1.4	0.04	0.000*	---	1.38	0.001
1429	14948	68105	50	33.8	67	1.4	0.04	0.000*	---	1.32	0.001
1430	14949	68105	50	370.7	316.3	1.4	0.04	0.000*	---	5.52	10.332
1431	14950	68105	50	29.7	64	1.4	0.04	0.000*	---	1.26	0.001
1432	14951	68105	50	74.9	97.4	1.4	0.04	0.000*	---	1.87	0.018
1433	14952	68105	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
1434	14955	68105	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
1435	14956	68105	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
1436	14957	68105	50	80.2	101.3	1.4	0.04	0.000*	---	1.94	0.025
1437	14958	68105	50	125.3	134.8	1.4	0.04	0.000*	---	2.54	0.175
1438	14959	68105	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
1439	14962	68105	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.747
1440	14964	68105	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.181
1441	14966	68105	50	152.1	154.6	1.4	0.04	0.000*	---	2.88	0.404
1442	14967	68105	50	254.9	230.7	1.4	0.04	0.000*	---	4.16	3.101
1443	14969	68105	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
1444	14970	68105	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
1445	14971	68105	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
1446	14974	68105	50	200.7	190.5	1.4	0.04	0.000*	---	3.49	1.262
1447	14975	68105	50	190.6	183.1	1.4	0.04	0.000*	---	3.37	1.028
1448	14976	68105	50	134	141.1	1.4	0.04	0.000*	---	2.65	0.234
1449	14978	68105	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
1450	14979	68105	50	46.7	76.5	1.4	0.04	0.000*	---	1.49	0.003
1451	14980	68105	50	286.3	253.9	1.4	0.04	0.000*	---	4.54	4.632
1452	14981	68105	50	117.5	129	1.4	0.04	0.000*	---	2.43	0.132
1453	14982	68105	50	28.7	63.2	1.4	0.04	0.000*	---	1.25	0
1454	14984	68105	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
1455	14985	68105	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
1456	14986	68105	50	92.9	110.8	1.4	0.04	0.000*	---	2.11	0.047
1457	14988	68105	50	63.7	89.2	1.4	0.04	0.000*	---	1.72	0.009
1458	14990	68105	50	446.1	372.1	1.4	0.04	0.000*	---	6.37	16.882
1459	14992	68105	50	189.6	182.3	1.4	0.04	0.000*	---	3.35	1.006
1460	14993	68105	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
1461	14994	68105	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.171
1462	14995	68105	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.975
1463	15000	68105	50	435.4	364.2	1.4	0.04	0.000*	---	6.25	15.886

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1464	15003	68105	50	162.1	162	1.4	0.04	0.000*	---	3.01	0.529
1465	15006	68105	50	285.6	253.3	1.4	0.04	0.000*	---	4.53	4.594
1466	15008	68105	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.247
1467	15009	68105	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
1468	15011	68105	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.607
1469	15012	68105	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.929
1470	15013	68105	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
1471	15014	68105	50	78.6	100.1	1.4	0.04	0.000*	---	1.92	0.022
1472	15015	68105	50	184.8	178.8	1.4	0.04	0.000*	---	3.29	0.908
1473	15016	68105	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.524
1474	15017	68105	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
1475	15020	68105	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.382
1476	15022	68105	50	430.4	360.5	1.4	0.04	0.000*	---	6.2	15.432
1477	15024	68105	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
1478	15025	68105	50	133.3	140.7	1.4	0.04	0.000*	---	2.64	0.229
1479	15028	68105	50	61.7	87.7	1.4	0.04	0.000*	---	1.7	0.008
1480	15029	68105	50	331.2	287.1	1.4	0.04	0.000*	---	5.07	7.4
1481	15032	68105	50	361.3	309.4	1.4	0.04	0.000*	---	5.42	9.597
1482	15035	68105	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
1483	15036	68105	50	399	337.3	1.4	0.04	0.000*	---	5.85	12.665
1484	15037	68105	50	80	101.2	1.4	0.04	0.000*	---	1.94	0.024
1485	15038	68105	50	143.4	148.2	1.4	0.04	0.000*	---	2.77	0.315
1486	15041	68105	50	60.3	86.6	1.4	0.04	0.000*	---	1.68	0.007
1487	15044	68105	50	240	219.6	1.4	0.04	0.000*	---	3.98	2.491
1488	15045	68105	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.711
1489	15047	68105	50	71.9	95.2	1.4	0.04	0.000*	---	1.83	0.015
1490	15050	68105	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
1491	15052	68105	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
1492	15056	68105	50	50.1	79.1	1.4	0.04	0.000*	---	1.54	0.003
1493	15057	68105	50	380.3	323.4	1.4	0.04	0.000*	---	5.63	11.098
1494	15058	68105	50	158.2	159	1.4	0.04	0.000*	---	2.96	0.477
1495	15059	68105	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
1496	15060	68105	50	359.2	307.8	1.4	0.04	0.000*	---	5.39	9.432
1497	15064	68105	50	63.4	88.9	1.4	0.04	0.000*	---	1.72	0.009
1498	15065	68105	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.864
1499	15068	68105	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
1500	15071	68105	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
1501	15074	68105	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
1502	15076	68105	50	166.7	165.4	1.4	0.04	0.000*	---	3.07	0.595
1503	15077	68105	50	116.3	128	1.4	0.04	0.000*	---	2.42	0.126
1504	15078	68105	50	47.7	77.3	1.4	0.04	0.000*	---	1.51	0.003
1505	15079	68105	50	461.4	383.4	1.4	0.04	0.000*	---	6.54	18.313
1506	15080	68105	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.718
1507	15082	68105	50	207.2	195.3	1.4	0.04	0.000*	---	3.57	1.429
1508	15083	68105	50	557.5	454.6	1.4	0.04	0.000*	---	7.57	27.705
1509	15084	68105	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.324
1510	15086	68105	50	164.4	163.7	1.4	0.04	0.000*	---	3.04	0.561
1511	15088	68105	50	416	349.8	1.4	0.04	0.000*	---	6.04	14.141
1512	15089	68105	50	190.2	182.8	1.4	0.04	0.000*	---	3.36	1.019
1513	15090	68105	50	241.7	220.9	1.4	0.04	0.000*	---	4	2.558
1514	15091	68105	50	525.8	431.1	1.4	0.04	0.000*	---	7.24	24.567
1515	15094	68105	50	120.3	131	1.4	0.04	0.000*	---	2.47	0.146
1516	15095	68105	50	347	298.7	1.4	0.04	0.000*	---	5.25	8.518
1517	15097	68105	50	156.8	158.1	1.4	0.04	0.000*	---	2.94	0.46
1518	15099	68105	50	91.9	110	1.4	0.04	0.000*	---	2.1	0.045
1519	15102	68105	50	124.2	133.9	1.4	0.04	0.000*	---	2.52	0.168
1520	15104	68105	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
1521	15105	68105	50	212.1	198.9	1.4	0.04	0.000*	---	3.63	1.563
1522	15106	68105	50	432.8	362.3	1.4	0.04	0.000*	---	6.22	15.65
1523	15108	68105	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.308
1524	15110	68105	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.308

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1525	15111	68105	50	70.9	94.5	1.4	0.04	0.000*	---	1.82	0.014
1526	15114	68105	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.768
1527	15119	68105	50	529.4	433.7	1.4	0.04	0.000*	---	7.27	24.92
1528	15121	68105	50	558.4	455.2	1.4	0.04	0.000*	---	7.58	27.794
1529	15122	68105	50	52.8	81.1	1.4	0.04	0.000*	---	1.58	0.004
1530	15123	68105	50	121.6	132	1.4	0.04	0.000*	---	2.49	0.154
1531	15126	68105	50	81.5	102.3	1.4	0.04	0.000*	---	1.96	0.026
1532	15128	68105	50	258	232.9	1.4	0.04	0.000*	---	4.2	3.236
1533	15131	68105	50	322.4	280.5	1.4	0.04	0.000*	---	4.96	6.805
1534	15132	68105	50	303.2	266.4	1.4	0.04	0.000*	---	4.74	5.598
1535	15133	68105	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.75
1536	15134	68105	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
1537	15136	68105	50	179.7	175	1.4	0.04	0.000*	---	3.23	0.81
1538	15139	68105	50	158	158.9	1.4	0.04	0.000*	---	2.95	0.475
1539	15141	68105	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.698
1540	15142	68105	50	556.1	453.5	1.4	0.04	0.000*	---	7.56	27.566
1541	15144	68105	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.225
1542	15145	68105	50	144.9	149.2	1.4	0.04	0.000*	---	2.79	0.328
1543	15149	68105	50	192.5	184.4	1.4	0.04	0.000*	---	3.39	1.069
1544	15150	68105	50	98.3	114.7	1.4	0.04	0.000*	---	2.18	0.06
1545	15153	68105	50	345.3	297.5	1.4	0.04	0.000*	---	5.23	8.4
1546	15154	68105	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
1547	15159	68105	50	158.7	159.5	1.4	0.04	0.000*	---	2.96	0.484
1548	15160	68105	50	134	141.2	1.4	0.04	0.000*	---	2.65	0.235
1549	15161	68105	50	308.4	270.2	1.4	0.04	0.000*	---	4.8	5.915
1550	15162	68105	50	45.2	75.5	1.4	0.04	0.000*	---	1.47	0.002
1551	15163	68105	50	34.7	67.7	1.4	0.04	0.000*	---	1.33	0.001
1552	15164	68105	50	28.8	63.3	1.4	0.04	0.000*	---	1.25	0
1553	15166	68105	50	182	176.7	1.4	0.04	0.000*	---	3.26	0.854
1554	15167	68105	50	204.4	193.3	1.4	0.04	0.000*	---	3.54	1.356
1555	15168	68105	50	419.5	352.5	1.4	0.04	0.000*	---	6.08	14.458
1556	15169	68105	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.997
1557	15172	68105	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
1558	15175	68105	50	365.7	312.6	1.4	0.04	0.000*	---	5.47	9.94
1559	15177	68105	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
1560	15178	68105	50	250.3	227.2	1.4	0.04	0.000*	---	4.1	2.904
1561	15180	68105	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
1562	15182	68105	50	137.6	143.9	1.4	0.04	0.000*	---	2.69	0.263
1563	15184	68105	50	134	141.2	1.4	0.04	0.000*	---	2.65	0.235
1564	15189	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
1565	15191	68105	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
1566	15192	68105	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
1567	15193	68105	50	103.8	118.8	1.4	0.04	0.000*	---	2.25	0.076
1568	15194	68105	50	183	177.4	1.4	0.04	0.000*	---	3.27	0.872
1569	15197	68105	50	100.5	116.4	1.4	0.04	0.000*	---	2.21	0.066
1570	15198	68105	50	159.7	160.2	1.4	0.04	0.000*	---	2.98	0.497
1571	15199	68105	50	84.1	104.2	1.4	0.04	0.000*	---	1.99	0.03
1572	15202	68105	50	177.5	173.3	1.4	0.04	0.000*	---	3.2	0.77
1573	15206	68105	50	192.6	184.6	1.4	0.04	0.000*	---	3.39	1.072
1574	15210	68105	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.194
1575	15211	68105	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.063
1576	15213	68105	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.078
1577	15215	68105	50	49	78.2	1.4	0.04	0.000*	---	1.52	0.003
1578	15216	68105	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.488
1579	15218	68105	50	227.3	210.2	1.4	0.04	0.000*	---	3.82	2.038
1580	15219	68105	50	761.6	605.6	1.4	0.04	0.000*	---	9.63	46.772
1581	15221	68105	50	250.2	227.1	1.4	0.04	0.000*	---	4.1	2.898
1582	15227	68105	50	346.5	298.5	1.4	0.04	0.000*	---	5.25	8.489
1583	15229	68105	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.481
1584	15231	68105	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
1585	15234	68105	50	200.5	190.4	1.4	0.04	0.000*	---	3.49	1.257

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1586	15236	68105	50	363	310.6	1.4	0.04	0.000*	---	5.43	9.726
1587	15238	68105	50	47.2	76.9	1.4	0.04	0.000*	---	1.5	0.003
1588	15239	68105	50	51.3	79.9	1.4	0.04	0.000*	---	1.56	0.004
1589	15240	68105	50	233.2	214.6	1.4	0.04	0.000*	---	3.89	2.242
1590	15244	68105	50	220	204.8	1.4	0.04	0.000*	---	3.73	1.801
1591	15246	68105	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
1592	15249	68105	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.776
1593	15250	68105	50	350.7	301.5	1.4	0.04	0.000*	---	5.29	8.797
1594	15255	68105	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
1595	15257	68105	50	509.3	418.8	1.4	0.04	0.000*	---	7.06	22.939
1596	15258	68105	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
1597	15261	68105	50	52.2	80.7	1.4	0.04	0.000*	---	1.57	0.004
1598	15262	68105	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.503
1599	15265	68105	50	377.3	321.2	1.4	0.04	0.000*	---	5.6	10.861
1600	15267	68105	50	197.4	188.1	1.4	0.04	0.000*	---	3.45	1.183
1601	15274	68105	50	367	313.5	1.4	0.04	0.000*	---	5.48	10.035
1602	15277	68105	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
1603	15278	68105	50	169.8	167.6	1.4	0.04	0.000*	---	3.11	0.642
1604	15279	68105	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
1605	15280	68105	50	48.1	77.6	1.4	0.04	0.000*	---	1.51	0.003
1606	15284	68105	50	46.5	76.4	1.4	0.04	0.000*	---	1.49	0.003
1607	15287	68105	50	106.7	121	1.4	0.04	0.000*	---	2.29	0.086
1608	15288	68105	50	533.4	436.8	1.4	0.04	0.000*	---	7.32	25.323
1609	15291	68105	50	182.9	177.3	1.4	0.04	0.000*	---	3.27	0.87
1610	15292	68105	50	230.9	212.8	1.4	0.04	0.000*	---	3.87	2.158
1611	15293	68105	50	60.6	86.9	1.4	0.04	0.000*	---	1.68	0.007
1612	15295	68105	50	282	250.7	1.4	0.04	0.000*	---	4.49	4.403
1613	15298	68105	50	421.2	353.7	1.4	0.04	0.000*	---	6.1	14.609
1614	15299	68105	50	181.1	176	1.4	0.04	0.000*	---	3.25	0.836
1615	15300	68105	50	138.3	144.4	1.4	0.04	0.000*	---	2.7	0.269
1616	15301	68105	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
1617	15302	68105	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
1618	15303	68105	50	227.8	210.5	1.4	0.04	0.000*	---	3.83	2.052
1619	15305	68105	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
1620	15306	68105	50	175.5	171.8	1.4	0.04	0.000*	---	3.18	0.735
1621	15308	68105	50	56.6	83.9	1.4	0.04	0.000*	---	1.63	0.006
1622	15311	68105	50	90.2	108.8	1.4	0.04	0.000*	---	2.08	0.041
1623	15313	68105	50	127.8	136.5	1.4	0.04	0.000*	---	2.57	0.191
1624	15315	68105	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.03
1625	15316	68105	50	597.5	484.2	1.4	0.04	0.000*	---	7.99	31.644
1626	15317	68105	50	208.1	196	1.4	0.04	0.000*	---	3.58	1.453
1627	15318	68105	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
1628	15319	68105	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
1629	15320	68105	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
1630	15321	68105	50	432.9	362.3	1.4	0.04	0.000*	---	6.23	15.662
1631	15323	68105	50	242.6	221.5	1.4	0.04	0.000*	---	4.01	2.592
1632	15329	68105	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
1633	15332	68105	50	534	437.2	1.4	0.04	0.000*	---	7.32	25.383
1634	15333	68105	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
1635	15334	68105	50	177.6	173.5	1.4	0.04	0.000*	---	3.2	0.773
1636	15335	68105	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.82
1637	15336	68105	50	61.6	87.6	1.4	0.04	0.000*	---	1.69	0.008
1638	15338	68105	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.568
1639	15340	68105	50	184	178.1	1.4	0.04	0.000*	---	3.28	0.891
1640	15341	68105	50	54.7	82.5	1.4	0.04	0.000*	---	1.6	0.005
1641	15342	68105	50	80.1	101.3	1.4	0.04	0.000*	---	1.94	0.024
1642	15343	68105	50	83.3	103.7	1.4	0.04	0.000*	---	1.98	0.029
1643	15344	68105	50	328	284.7	1.4	0.04	0.000*	---	5.03	7.181
1644	15345	68105	50	98.4	114.8	1.4	0.04	0.000*	---	2.18	0.06
1645	15348	68105	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.928
1646	15349	68105	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1647	15350	68105	50	350	301	1.4	0.04	0.000*	---	5.29	8.744
1648	15352	68105	50	59.1	85.8	1.4	0.04	0.000*	---	1.66	0.007
1649	15354	68105	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.86
1650	15357	68105	50	50.1	79	1.4	0.04	0.000*	---	1.54	0.003
1651	15360	68105	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.86
1652	15363	68105	50	116.7	128.3	1.4	0.04	0.000*	---	2.42	0.128
1653	15366	68105	50	159.7	160.2	1.4	0.04	0.000*	---	2.98	0.496
1654	15370	68105	50	381.1	324	1.4	0.04	0.000*	---	5.64	11.17
1655	15371	68105	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
1656	15372	68105	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
1657	15373	68105	50	166	164.8	1.4	0.04	0.000*	---	3.06	0.584
1658	15377	68105	50	501.2	412.9	1.4	0.04	0.000*	---	6.97	22.152
1659	15378	68105	50	268.7	240.9	1.4	0.04	0.000*	---	4.33	3.732
1660	15379	68105	50	148	151.5	1.4	0.04	0.000*	---	2.83	0.36
1661	15380	68105	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
1662	15382	68105	50	161.2	161.3	1.4	0.04	0.000*	---	3	0.517
1663	15385	68105	50	54.6	82.4	1.4	0.04	0.000*	---	1.6	0.005
1664	15386	68105	50	81.3	102.1	1.4	0.04	0.000*	---	1.96	0.026
1665	15388	68105	50	244.9	223.3	1.4	0.04	0.000*	---	4.04	2.684
1666	15389	68105	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
1667	15390	68105	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
1668	15392	68105	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
1669	15393	68105	50	114	126.3	1.4	0.04	0.000*	---	2.39	0.115
1670	15394	68105	50	123.3	133.3	1.4	0.04	0.000*	---	2.51	0.163
1671	15397	68105	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.348
1672	15398	68105	50	294.2	259.7	1.4	0.04	0.000*	---	4.63	5.073
1673	15399	68105	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
1674	15400	68105	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.348
1675	15402	68105	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
1676	15407	68105	50	72.1	95.3	1.4	0.04	0.000*	---	1.84	0.015
1677	15410	68105	50	240.9	220.2	1.4	0.04	0.000*	---	3.99	2.525
1678	15416	68105	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
1679	15417	68105	50	180.2	175.3	1.4	0.04	0.000*	---	3.24	0.818
1680	15426	68105	50	182.5	177.1	1.4	0.04	0.000*	---	3.27	0.863
1681	15427	68105	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
1682	15430	68105	50	242.3	221.3	1.4	0.04	0.000*	---	4.01	2.579
1683	15434	68105	50	279.3	248.7	1.4	0.04	0.000*	---	4.45	4.26
1684	15436	68105	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.664
1685	15442	68105	50	198	188.5	1.4	0.04	0.000*	---	3.46	1.195
1686	15447	68105	50	501.6	413.2	1.4	0.04	0.000*	---	6.98	22.187
1687	15449	68105	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.781
1688	15452	68105	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.467
1689	15453	68105	50	654.8	526.6	1.4	0.04	0.000*	---	8.57	37.17
1690	15454	68105	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
1691	15456	68105	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
1692	15460	68105	50	381.3	324.1	1.4	0.04	0.000*	---	5.64	11.182
1693	15461	68105	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
1694	15464	68105	50	100.3	116.2	1.4	0.04	0.000*	---	2.21	0.066
1695	15466	68105	50	114.4	126.7	1.4	0.04	0.000*	---	2.39	0.118
1696	15473	68105	50	461.6	383.6	1.4	0.04	0.000*	---	6.54	18.335
1697	15474	68105	50	357.5	306.6	1.4	0.04	0.000*	---	5.37	9.306
1698	15476	68105	50	231.6	213.4	1.4	0.04	0.000*	---	3.88	2.185
1699	15477	68105	50	107	121.2	1.4	0.04	0.000*	---	2.3	0.087
1700	15480	68105	50	93	110.8	1.4	0.04	0.000*	---	2.11	0.047
1701	15484	68105	50	405.3	341.9	1.4	0.04	0.000*	---	5.92	13.207
1702	15485	68105	50	226.5	209.6	1.4	0.04	0.000*	---	3.81	2.009
1703	15487	68105	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.722
1704	15489	68105	50	308.9	270.6	1.4	0.04	0.000*	---	4.81	5.946
1705	15493	68105	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.351
1706	15494	68105	50	276.9	246.9	1.4	0.04	0.000*	---	4.42	4.136
1707	15495	68105	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.066

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1708	15496	68105	50	215.7	201.6	1.4	0.04	0.000*	---	3.68	1.669
1709	15497	68105	50	501	412.7	1.4	0.04	0.000*	---	6.97	22.132
1710	15499	68105	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
1711	15500	68105	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
1712	15503	68105	50	157.8	158.8	1.4	0.04	0.000*	---	2.95	0.472
1713	15507	68105	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
1714	15508	68105	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
1715	15509	68105	50	163.1	162.7	1.4	0.04	0.000*	---	3.02	0.542
1716	15510	68105	50	61.3	87.4	1.4	0.04	0.000*	---	1.69	0.008
1717	15511	68105	50	415.3	349.3	1.4	0.04	0.000*	---	6.03	14.079
1718	15513	68105	50	475.2	393.6	1.4	0.04	0.000*	---	6.69	19.631
1719	15514	68105	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.503
1720	15515	68105	50	210.7	197.9	1.4	0.04	0.000*	---	3.62	1.524
1721	15516	68105	50	195.2	186.4	1.4	0.04	0.000*	---	3.42	1.13
1722	15518	68105	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.72
1723	15519	68105	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
1724	15520	68105	50	293.4	259.1	1.4	0.04	0.000*	---	4.62	5.024
1725	15522	68105	50	371.3	316.8	1.4	0.04	0.000*	---	5.53	10.38
1726	15523	68105	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
1727	15524	68105	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.375
1728	15525	68105	50	280.5	249.6	1.4	0.04	0.000*	---	4.47	4.323
1729	15526	68105	50	47.7	77.3	1.4	0.04	0.000*	---	1.51	0.003
1730	15527	68105	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.814
1731	15528	68105	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.127
1732	15534	68105	50	142.8	147.7	1.4	0.04	0.000*	---	2.76	0.309
1733	15536	68105	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.677
1734	15537	68105	50	92.4	110.4	1.4	0.04	0.000*	---	2.1	0.046
1735	15540	68105	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
1736	15541	68105	50	282.1	250.7	1.4	0.04	0.000*	---	4.49	4.405
1737	15543	68105	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
1738	15544	68105	50	114.4	126.7	1.4	0.04	0.000*	---	2.39	0.117
1739	15545	68105	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.603
1740	15547	68105	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.292
1741	15548	68105	50	702.1	561.5	1.4	0.04	0.000*	---	9.05	41.547
1742	15554	68105	50	132	139.7	1.4	0.04	0.000*	---	2.62	0.22
1743	15564	68105	50	78.6	100.2	1.4	0.04	0.000*	---	1.92	0.023
1744	15568	68105	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.341
1745	15569	68105	50	326.8	283.8	1.4	0.04	0.000*	---	5.02	7.101
1746	15577	68105	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.902
1747	15578	68105	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.234
1748	15581	68105	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.265
1749	15587	68105	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
1750	15590	68105	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
1751	15591	68105	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
1752	15602	68105	50	121.7	132.1	1.4	0.04	0.000*	---	2.49	0.154
1753	15604	68105	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
1754	15605	68105	50	141.3	146.6	1.4	0.04	0.000*	---	2.74	0.295
1755	15607	68105	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
1756	15608	68105	50	465.6	386.5	1.4	0.04	0.000*	---	6.59	18.712
1757	15609	68105	50	84	104.2	1.4	0.04	0.000*	---	1.99	0.03
1758	15611	68105	50	372.2	317.4	1.4	0.04	0.000*	---	5.54	10.448
1759	15612	68105	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.23
1760	15613	68105	50	385.6	327.3	1.4	0.04	0.000*	---	5.69	11.534
1761	15620	68105	50	125.7	135	1.4	0.04	0.000*	---	2.54	0.177
1762	15621	68105	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
1763	15622	68105	50	397.6	336.3	1.4	0.04	0.000*	---	5.83	12.547
1764	15623	68105	50	344.2	296.7	1.4	0.04	0.000*	---	5.22	8.319
1765	15627	68105	50	157.9	158.8	1.4	0.04	0.000*	---	2.95	0.473
1766	15629	68105	50	231	213	1.4	0.04	0.000*	---	3.87	2.165
1767	15633	68105	50	168.3	166.5	1.4	0.04	0.000*	---	3.09	0.618
1768	15636	68105	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1769	15638	68105	50	451.5	376.1	1.4	0.04	0.000*	---	6.43	17.38
1770	15640	68105	50	110.3	123.7	1.4	0.04	0.000*	---	2.34	0.1
1771	15644	68105	50	242.5	221.5	1.4	0.04	0.000*	---	4.01	2.589
1772	15645	68105	50	118	129.3	1.4	0.04	0.000*	---	2.44	0.134
1773	15651	68105	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
1774	15657	68105	50	83.6	103.9	1.4	0.04	0.000*	---	1.99	0.03
1775	15659	68105	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
1776	15660	68105	50	251.8	228.3	1.4	0.04	0.000*	---	4.12	2.965
1777	15661	68105	50	284.1	252.2	1.4	0.04	0.000*	---	4.51	4.513
1778	15663	68105	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
1779	15664	68105	50	296.4	261.3	1.4	0.04	0.000*	---	4.66	5.198
1780	15665	68105	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
1781	15666	68105	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.251
1782	15667	68105	50	211.6	198.6	1.4	0.04	0.000*	---	3.63	1.551
1783	15669	68105	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.941
1784	15670	68105	50	90.9	109.2	1.4	0.04	0.000*	---	2.08	0.042
1785	15671	68105	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
1786	15673	68105	50	83.3	103.6	1.4	0.04	0.000*	---	1.98	0.029
1787	15678	68105	50	441.8	369	1.4	0.04	0.000*	---	6.32	16.483
1788	15681	68105	50	112.1	125	1.4	0.04	0.000*	---	2.36	0.107
1789	15682	68105	50	264.6	237.8	1.4	0.04	0.000*	---	4.28	3.537
1790	15684	68105	50	105.1	119.8	1.4	0.04	0.000*	---	2.27	0.081
1791	15686	68105	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
1792	15691	68105	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.463
1793	15693	68105	50	399.4	337.6	1.4	0.04	0.000*	---	5.85	12.698
1794	15694	68105	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.365
1795	15695	68105	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.09
1796	15697	68105	50	342	295.1	1.4	0.04	0.000*	---	5.19	8.16
1797	15698	68105	50	55.1	82.8	1.4	0.04	0.000*	---	1.61	0.005
1798	15701	68105	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
1799	15705	68105	50	306.4	268.7	1.4	0.04	0.000*	---	4.78	5.791
1800	15708	68105	50	384.2	326.3	1.4	0.04	0.000*	---	5.68	11.42
1801	15709	68105	50	257.2	232.3	1.4	0.04	0.000*	---	4.19	3.198
1802	15712	68105	50	215.3	201.3	1.4	0.04	0.000*	---	3.67	1.657
1803	15715	68105	50	48.1	77.6	1.4	0.04	0.000*	---	1.51	0.003
1804	15717	68105	50	304.9	267.7	1.4	0.04	0.000*	---	4.76	5.703
1805	15718	68105	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.946
1806	15723	68105	50	177.8	173.5	1.4	0.04	0.000*	---	3.21	0.775
1807	15728	68105	50	158	158.9	1.4	0.04	0.000*	---	2.95	0.475
1808	15729	68105	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
1809	15732	68105	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
1810	15733	68105	50	654.2	526.1	1.4	0.04	0.000*	---	8.57	37.108
1811	15736	68105	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
1812	15741	68105	50	69.1	93.2	1.4	0.04	0.000*	---	1.8	0.013
1813	15744	68105	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
1814	15745	68105	50	120.2	130.9	1.4	0.04	0.000*	---	2.47	0.146
1815	15746	68105	50	243.7	222.4	1.4	0.04	0.000*	---	4.02	2.637
1816	15749	68105	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
1817	15753	68105	50	72.9	95.9	1.4	0.04	0.000*	---	1.85	0.016
1818	15754	68105	50	144.7	149.1	1.4	0.04	0.000*	---	2.78	0.326
1819	15756	68105	50	247.9	225.4	1.4	0.04	0.000*	---	4.07	2.804
1820	15757	68105	50	81	101.9	1.4	0.04	0.000*	---	1.95	0.026
1821	15758	68105	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.337
1822	15765	68105	50	177.2	173.1	1.4	0.04	0.000*	---	3.2	0.765
1823	15767	68105	50	591.5	479.7	1.4	0.04	0.000*	---	7.93	31.059
1824	15771	68105	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.366
1825	15774	68105	50	127.8	136.6	1.4	0.04	0.000*	---	2.57	0.191
1826	15780	68105	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
1827	15781	68105	50	117.6	129	1.4	0.04	0.000*	---	2.43	0.133
1828	15782	68105	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.944
1829	15783	68105	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.56

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1830	15786	68105	50	281.9	250.6	1.4	0.04	0.000*	---	4.48	4.396
1831	15792	68105	50	245.6	223.7	1.4	0.04	0.000*	---	4.05	2.709
1832	15797	68105	50	107.9	121.8	1.4	0.04	0.000*	---	2.31	0.091
1833	15798	68105	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.265
1834	15801	68105	50	261.7	235.7	1.4	0.04	0.000*	---	4.24	3.402
1835	15802	68105	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
1836	15804	68105	50	203.6	192.6	1.4	0.04	0.000*	---	3.53	1.334
1837	15805	68105	50	316.4	276.2	1.4	0.04	0.000*	---	4.89	6.42
1838	15808	68105	50	82.5	103.1	1.4	0.04	0.000*	---	1.97	0.028
1839	15810	68105	50	159.4	160	1.4	0.04	0.000*	---	2.97	0.493
1840	15811	68105	50	222.8	206.9	1.4	0.04	0.000*	---	3.77	1.89
1841	15815	68105	50	512.1	421	1.4	0.04	0.000*	---	7.09	23.22
1842	15818	68105	50	252.1	228.5	1.4	0.04	0.000*	---	4.12	2.977
1843	15820	68105	50	329.9	286.1	1.4	0.04	0.000*	---	5.05	7.31
1844	15821	68105	50	91	109.3	1.4	0.04	0.000*	---	2.09	0.043
1845	15824	68105	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
1846	15829	68105	50	193.5	185.2	1.4	0.04	0.000*	---	3.4	1.091
1847	15832	68105	50	182.9	177.4	1.4	0.04	0.000*	---	3.27	0.871
1848	15834	68105	50	62.8	88.4	1.4	0.04	0.000*	---	1.71	0.009
1849	15835	68105	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
1850	15836	68105	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
1851	15838	68105	50	94.4	111.8	1.4	0.04	0.000*	---	2.13	0.05
1852	15840	68105	50	196.3	187.2	1.4	0.04	0.000*	---	3.44	1.155
1853	15842	68105	50	68.6	92.8	1.4	0.04	0.000*	---	1.79	0.013
1854	15843	68105	50	217.6	203	1.4	0.04	0.000*	---	3.7	1.727
1855	15846	68105	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.305
1856	15848	68105	50	581.2	472.1	1.4	0.04	0.000*	---	7.82	30.041
1857	15849	68105	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
1858	15856	68105	50	479.4	396.7	1.4	0.04	0.000*	---	6.74	20.032
1859	15860	68105	50	334.3	289.4	1.4	0.04	0.000*	---	5.1	7.615
1860	15864	68105	50	539.1	440.9	1.4	0.04	0.000*	---	7.38	25.881
1861	15867	68105	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.027
1862	15868	68105	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
1863	15871	68105	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
1864	15872	68105	50	93	110.8	1.4	0.04	0.000*	---	2.11	0.047
1865	15879	68105	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
1866	15882	68105	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
1867	15884	68105	50	135.2	142	1.4	0.04	0.000*	---	2.66	0.244
1868	15886	68105	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.852
1869	15891	68105	50	154	156	1.4	0.04	0.000*	---	2.9	0.426
1870	15894	68105	50	143.3	148.1	1.4	0.04	0.000*	---	2.77	0.314
1871	15896	68105	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.387
1872	15897	68105	50	162.8	162.4	1.4	0.04	0.000*	---	3.02	0.538
1873	15898	68105	50	283.6	251.9	1.4	0.04	0.000*	---	4.5	4.487
1874	15900	68105	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.37
1875	15901	68105	50	111	124.1	1.4	0.04	0.000*	---	2.35	0.103
1876	15904	68105	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.741
1877	15905	68105	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.015
1878	15908	68105	50	172.5	169.7	1.4	0.04	0.000*	---	3.14	0.685
1879	15911	68105	50	243.4	222.1	1.4	0.04	0.000*	---	4.02	2.626
1880	15914	68105	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.222
1881	15916	68105	50	160.6	160.9	1.4	0.04	0.000*	---	2.99	0.509
1882	15918	68105	50	53.1	81.3	1.4	0.04	0.000*	---	1.58	0.004
1883	15921	68105	50	157.3	158.4	1.4	0.04	0.000*	---	2.95	0.466
1884	15922	68105	50	91	109.3	1.4	0.04	0.000*	---	2.09	0.043
1885	15924	68105	50	303.7	266.7	1.4	0.04	0.000*	---	4.74	5.628
1886	15926	68105	50	383.7	326	1.4	0.04	0.000*	---	5.67	11.381
1887	15928	68105	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
1888	15932	68105	50	142.1	147.1	1.4	0.04	0.000*	---	2.75	0.302
1889	15933	68105	50	632	509.7	1.4	0.04	0.000*	---	8.34	34.997
1890	15935	68105	50	1242.3	961.3	1.4	0.04	0.000*	---	13.86	75.64

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1891	15936	68105	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355
1892	15938	68105	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.413
1893	15943	68105	50	228	210.8	1.4	0.04	0.000*	---	3.83	2.062
1894	15945	68105	50	303.6	266.6	1.4	0.04	0.000*	---	4.74	5.621
1895	15949	68105	50	96.4	113.4	1.4	0.04	0.000*	---	2.16	0.055
1896	15950	68105	50	211.5	198.5	1.4	0.04	0.000*	---	3.63	1.548
1897	15951	68105	50	319.2	278.2	1.4	0.04	0.000*	---	4.93	6.599
1898	15952	68105	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
1899	15953	68105	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
1900	15957	68105	50	279.7	249	1.4	0.04	0.000*	---	4.46	4.284
1901	15958	68105	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.518
1902	15959	68105	50	240.6	220	1.4	0.04	0.000*	---	3.99	2.515
1903	15960	68105	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.685
1904	15962	68105	50	376	320.3	1.4	0.04	0.000*	---	5.58	10.756
1905	15967	68105	50	171.3	168.8	1.4	0.04	0.000*	---	3.12	0.666
1906	15968	68105	50	147.8	151.4	1.4	0.04	0.000*	---	2.83	0.358
1907	15969	68105	50	383.2	325.6	1.4	0.04	0.000*	---	5.67	11.342
1908	15975	68105	50	374.7	319.3	1.4	0.04	0.000*	---	5.57	10.647
1909	15978	68105	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037
1910	15981	68105	50	311.8	272.8	1.4	0.04	0.000*	---	4.84	6.127
1911	15985	68105	50	171.3	168.7	1.4	0.04	0.000*	---	3.12	0.665
1912	15986	68105	50	125.8	135.1	1.4	0.04	0.000*	---	2.54	0.178
1913	15988	68105	50	177.1	173	1.4	0.04	0.000*	---	3.2	0.762
1914	15991	68105	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
1915	15992	68105	50	1161.6	901.5	1.4	0.04	0.000*	---	13.2	72.266
1916	15994	68105	50	345.1	297.4	1.4	0.04	0.000*	---	5.23	8.383
1917	16002	68105	50	141.2	146.5	1.4	0.04	0.000*	---	2.74	0.294
1918	16007	68105	50	444	370.6	1.4	0.04	0.000*	---	6.35	16.685
1919	16009	68105	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.042
1920	16014	68105	50	425.9	357.1	1.4	0.04	0.000*	---	6.15	15.024
1921	16015	68105	50	463.4	385	1.4	0.04	0.000*	---	6.56	18.508
1922	16017	68105	50	245.9	224	1.4	0.04	0.000*	---	4.05	2.723
1923	16019	68105	50	60.1	86.5	1.4	0.04	0.000*	---	1.67	0.007
1924	16020	68105	50	232.1	213.7	1.4	0.04	0.000*	---	3.88	2.202
1925	16022	68105	50	242	221.1	1.4	0.04	0.000*	---	4	2.569
1926	16026	68105	50	337.8	292	1.4	0.04	0.000*	---	5.14	7.86
1927	16027	68105	50	259.5	234	1.4	0.04	0.000*	---	4.21	3.3
1928	16031	68105	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
1929	16044	68105	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.743
1930	16047	68105	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
1931	16048	68105	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.263
1932	16049	68105	50	463.4	384.9	1.4	0.04	0.000*	---	6.56	18.502
1933	16052	68105	50	152	154.5	1.4	0.04	0.000*	---	2.88	0.403
1934	16053	68105	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
1935	16054	68105	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
1936	16055	68105	50	395	334.3	1.4	0.04	0.000*	---	5.8	12.326
1937	16056	68105	50	420.8	353.4	1.4	0.04	0.000*	---	6.09	14.571
1938	16058	68105	50	335.6	290.3	1.4	0.04	0.000*	---	5.12	7.703
1939	16059	68105	50	227.9	210.7	1.4	0.04	0.000*	---	3.83	2.059
1940	16060	68105	50	191.4	183.7	1.4	0.04	0.000*	---	3.38	1.046
1941	16062	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
1942	16063	68105	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
1943	16066	68105	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
1944	16067	68105	50	193.7	185.3	1.4	0.04	0.000*	---	3.41	1.096
1945	16068	68105	50	383.4	325.7	1.4	0.04	0.000*	---	5.67	11.356
1946	16069	68105	50	373.8	318.6	1.4	0.04	0.000*	---	5.56	10.579
1947	16070	68105	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
1948	16072	68105	50	68.1	92.4	1.4	0.04	0.000*	---	1.78	0.012
1949	16076	68105	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
1950	16078	68105	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
1951	16082	68105	50	56.4	83.8	1.4	0.04	0.000*	---	1.63	0.006

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
1952	16083	68105	50	207.4	195.5	1.4	0.04	0.000*	---	3.58	1.436
1953	16084	68105	50	116.8	128.4	1.4	0.04	0.000*	---	2.42	0.129
1954	16085	68105	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.422
1955	16087	68105	50	287.7	254.9	1.4	0.04	0.000*	---	4.55	4.707
1956	16090	68105	50	132	139.7	1.4	0.04	0.000*	---	2.62	0.22
1957	16092	68105	50	176	172.3	1.4	0.04	0.000*	---	3.18	0.744
1958	16093	68105	50	81.5	102.3	1.4	0.04	0.000*	---	1.96	0.026
1959	16094	68105	50	1110.1	863.5	1.4	0.04	0.000*	---	12.77	69.851
1960	16095	68105	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
1961	16096	68105	50	295.8	260.9	1.4	0.04	0.000*	---	4.65	5.163
1962	16098	68105	50	409.1	344.8	1.4	0.04	0.000*	---	5.96	13.538
1963	16099	68105	50	41	72.3	1.4	0.04	0.000*	---	1.42	0.002
1964	16102	68105	50	165.7	164.6	1.4	0.04	0.000*	---	3.05	0.58
1965	16103	68105	50	299.2	263.4	1.4	0.04	0.000*	---	4.69	5.36
1966	16108	68105	50	42.3	73.3	1.4	0.04	0.000*	---	1.43	0.002
1967	16109	68105	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
1968	16110	68105	50	89.8	108.5	1.4	0.04	0.000*	---	2.07	0.04
1969	16111	68105	50	228.1	210.8	1.4	0.04	0.000*	---	3.83	2.063
1970	16113	68105	50	405.8	342.3	1.4	0.04	0.000*	---	5.92	13.248
1971	16114	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
1972	16115	68105	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
1973	16116	68105	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.37
1974	16118	68105	50	214.8	201	1.4	0.04	0.000*	---	3.67	1.644
1975	16119	68105	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
1976	16121	68105	50	240.4	219.9	1.4	0.04	0.000*	---	3.98	2.508
1977	16122	68105	50	178.8	174.3	1.4	0.04	0.000*	---	3.22	0.793
1978	16123	68105	50	138.2	144.2	1.4	0.04	0.000*	---	2.7	0.268
1979	16124	68105	50	377.6	321.4	1.4	0.04	0.000*	---	5.6	10.883
1980	16127	68105	50	98.7	115.1	1.4	0.04	0.000*	---	2.19	0.061
1981	16136	68105	50	161.8	161.7	1.4	0.04	0.000*	---	3	0.524
1982	16140	68105	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
1983	16142	68105	50	443	369.8	1.4	0.04	0.000*	---	6.34	16.588
1984	16144	68105	50	97.6	114.2	1.4	0.04	0.000*	---	2.17	0.058
1985	16146	68105	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.756
1986	16149	68105	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
1987	16151	68105	50	51.6	80.2	1.4	0.04	0.000*	---	1.56	0.004
1988	16152	68105	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.18
1989	16154	68105	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
1990	16155	68105	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
1991	16158	68105	50	119	130.1	1.4	0.04	0.000*	---	2.45	0.139
1992	16159	68105	50	116.4	128.1	1.4	0.04	0.000*	---	2.42	0.127
1993	16161	68105	50	686.6	550.1	1.4	0.04	0.000*	---	8.89	40.138
1994	16166	68105	50	67.5	91.9	1.4	0.04	0.000*	---	1.77	0.012
1995	16168	68105	50	285.2	253	1.4	0.04	0.000*	---	4.52	4.572
1996	16169	68105	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.248
1997	16171	68105	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.619
1998	16172	68105	50	273	244	1.4	0.04	0.000*	---	4.38	3.942
1999	16173	68105	50	64.5	89.7	1.4	0.04	0.000*	---	1.73	0.01
2000	16178	68105	50	558	454.9	1.4	0.04	0.000*	---	7.58	27.748
2001	16179	68105	50	105.6	120.2	1.4	0.04	0.000*	---	2.28	0.083
2002	16181	68105	50	191.1	183.4	1.4	0.04	0.000*	---	3.37	1.039
2003	16182	68105	50	179.6	174.9	1.4	0.04	0.000*	---	3.23	0.808
2004	16183	68105	50	150.3	153.2	1.4	0.04	0.000*	---	2.86	0.384
2005	16185	68105	50	314	274.4	1.4	0.04	0.000*	---	4.87	6.264
2006	16186	68105	50	458.7	381.4	1.4	0.04	0.000*	---	6.51	18.057
2007	16188	68105	50	317.9	277.3	1.4	0.04	0.000*	---	4.91	6.516
2008	16189	68105	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.36
2009	16193	68105	50	329.7	286	1.4	0.04	0.000*	---	5.05	7.301
2010	16196	68105	50	93	110.8	1.4	0.04	0.000*	---	2.11	0.047
2011	16206	68105	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
2012	16210	68105	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2013	16211	68105	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.23
2014	16216	68105	50	252.6	228.9	1.4	0.04	0.000*	---	4.13	3.001
2015	16221	68105	50	58.3	85.2	1.4	0.04	0.000*	---	1.65	0.006
2016	16223	68105	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.272
2017	16228	68105	50	218.3	203.5	1.4	0.04	0.000*	---	3.71	1.747
2018	16229	68105	50	191.6	183.8	1.4	0.04	0.000*	---	3.38	1.049
2019	16230	68105	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.687
2020	16231	68105	50	120.2	131	1.4	0.04	0.000*	---	2.47	0.146
2021	16232	68105	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
2022	16233	68105	50	606.6	490.9	1.4	0.04	0.000*	---	8.08	32.53
2023	16234	68105	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.396
2024	16235	68105	50	351.6	302.1	1.4	0.04	0.000*	---	5.3	8.858
2025	16236	68105	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
2026	16241	68105	50	262.8	236.5	1.4	0.04	0.000*	---	4.25	3.453
2027	16242	68105	50	330.8	286.8	1.4	0.04	0.000*	---	5.06	7.373
2028	16243	68105	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.916
2029	16248	68105	50	332.2	287.9	1.4	0.04	0.000*	---	5.08	7.473
2030	16249	68105	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.879
2031	16250	68105	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.098
2032	16255	68105	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.518
2033	16263	68105	50	286.4	254	1.4	0.04	0.000*	---	4.54	4.64
2034	16264	68105	50	238.9	218.8	1.4	0.04	0.000*	---	3.97	2.452
2035	16269	68105	50	357.1	306.2	1.4	0.04	0.000*	---	5.37	9.272
2036	16271	68105	50	338.8	292.7	1.4	0.04	0.000*	---	5.15	7.929
2037	16272	68105	50	155.2	156.8	1.4	0.04	0.000*	---	2.92	0.44
2038	16275	68105	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
2039	16276	68105	50	277.2	247.1	1.4	0.04	0.000*	---	4.43	4.152
2040	16278	68105	50	108.8	122.6	1.4	0.04	0.000*	---	2.32	0.094
2041	16281	68105	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.291
2042	16283	68105	50	283.7	252	1.4	0.04	0.000*	---	4.51	4.494
2043	16286	68105	50	391.1	331.4	1.4	0.04	0.000*	---	5.76	11.995
2044	16290	68105	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.311
2045	16292	68105	50	68.6	92.8	1.4	0.04	0.000*	---	1.79	0.013
2046	16293	68105	50	102.5	117.9	1.4	0.04	0.000*	---	2.24	0.072
2047	16295	68105	50	237.8	218	1.4	0.04	0.000*	---	3.95	2.409
2048	16298	68105	50	555.5	453.1	1.4	0.04	0.000*	---	7.55	27.506
2049	16301	68105	50	363.3	310.9	1.4	0.04	0.000*	---	5.44	9.751
2050	16302	68105	50	89.9	108.6	1.4	0.04	0.000*	---	2.07	0.041
2051	16303	68105	50	289.3	256.1	1.4	0.04	0.000*	---	4.57	4.798
2052	16306	68105	50	239.1	219	1.4	0.04	0.000*	---	3.97	2.46
2053	16308	68105	50	296.3	261.3	1.4	0.04	0.000*	---	4.66	5.192
2054	16309	68105	50	71.9	95.2	1.4	0.04	0.000*	---	1.83	0.015
2055	16312	68105	50	134.7	141.7	1.4	0.04	0.000*	---	2.66	0.24
2056	16314	68105	50	292.7	258.6	1.4	0.04	0.000*	---	4.61	4.986
2057	16315	68105	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.514
2058	16317	68105	50	179	174.5	1.4	0.04	0.000*	---	3.22	0.798
2059	16318	68105	50	119.1	130.1	1.4	0.04	0.000*	---	2.45	0.14
2060	16321	68105	50	238.1	218.2	1.4	0.04	0.000*	---	3.95	2.42
2061	16324	68105	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
2062	16325	68105	50	221.2	205.7	1.4	0.04	0.000*	---	3.75	1.837
2063	16327	68105	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.495
2064	16329	68105	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
2065	16332	68105	50	354	303.9	1.4	0.04	0.000*	---	5.33	9.038
2066	16333	68105	50	383.4	325.7	1.4	0.04	0.000*	---	5.67	11.358
2067	16336	68105	50	118.1	129.4	1.4	0.04	0.000*	---	2.44	0.135
2068	16337	68105	50	600.2	486.1	1.4	0.04	0.000*	---	8.02	31.905
2069	16342	68105	50	67.8	92.2	1.4	0.04	0.000*	---	1.78	0.012
2070	16343	68105	50	218.6	203.7	1.4	0.04	0.000*	---	3.71	1.756
2071	16345	68105	50	450	375	1.4	0.04	0.000*	---	6.41	17.237
2072	16346	68105	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393
2073	16350	68105	50	458.1	381	1.4	0.04	0.000*	---	6.5	18.005

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2074	16351	68105	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
2075	16352	68105	50	210.7	197.9	1.4	0.04	0.000*	---	3.62	1.525
2076	16356	68105	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
2077	16357	68105	50	278.6	248.2	1.4	0.04	0.000*	---	4.45	4.226
2078	16358	68105	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.368
2079	16359	68105	50	444.4	370.8	1.4	0.04	0.000*	---	6.35	16.717
2080	16363	68105	50	69.9	93.7	1.4	0.04	0.000*	---	1.81	0.014
2081	16364	68105	50	213.5	200	1.4	0.04	0.000*	---	3.65	1.606
2082	16365	68105	50	154.4	156.2	1.4	0.04	0.000*	---	2.91	0.431
2083	16371	68105	50	31.6	65.4	1.4	0.04	0.000*	---	1.29	0.001
2084	16372	68105	50	131.4	139.2	1.4	0.04	0.000*	---	2.61	0.215
2085	16375	68105	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
2086	16378	68105	50	72.1	95.3	1.4	0.04	0.000*	---	1.84	0.015
2087	16380	68105	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.922
2088	16382	68105	50	117.2	128.7	1.4	0.04	0.000*	---	2.43	0.13
2089	16384	68105	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
2090	16385	68105	50	275.5	245.9	1.4	0.04	0.000*	---	4.41	4.065
2091	16387	68105	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
2092	16389	68105	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
2093	16390	68105	50	349.4	300.6	1.4	0.04	0.000*	---	5.28	8.702
2094	16391	68105	50	163.5	163	1.4	0.04	0.000*	---	3.03	0.548
2095	16392	68105	50	311.3	272.3	1.4	0.04	0.000*	---	4.83	6.091
2096	16393	68105	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.675
2097	16394	68105	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
2098	16395	68105	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
2099	16397	68105	50	220.2	205	1.4	0.04	0.000*	---	3.74	1.808
2100	16398	68105	50	232.2	213.9	1.4	0.04	0.000*	---	3.88	2.207
2101	16400	68105	50	485.4	401.2	1.4	0.04	0.000*	---	6.8	20.616
2102	16406	68105	50	216.2	202	1.4	0.04	0.000*	---	3.69	1.685
2103	16408	68105	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.023
2104	16411	68105	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
2105	16412	68105	50	144.1	148.7	1.4	0.04	0.000*	---	2.78	0.321
2106	16413	68105	50	147.4	151.1	1.4	0.04	0.000*	---	2.82	0.354
2107	16415	68105	50	302.7	266	1.4	0.04	0.000*	---	4.73	5.569
2108	16420	68105	50	158.1	159	1.4	0.04	0.000*	---	2.96	0.476
2109	16421	68105	50	74.4	97.1	1.4	0.04	0.000*	---	1.87	0.018
2110	16422	68105	50	435	363.9	1.4	0.04	0.000*	---	6.25	15.856
2111	16424	68105	50	181.4	176.2	1.4	0.04	0.000*	---	3.25	0.841
2112	16426	68105	50	96.3	113.2	1.4	0.04	0.000*	---	2.16	0.055
2113	16427	68105	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
2114	16428	68105	50	154.4	156.2	1.4	0.04	0.000*	---	2.91	0.43
2115	16429	68105	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.023
2116	16430	68105	50	260.2	234.6	1.4	0.04	0.000*	---	4.22	3.335
2117	16432	68105	50	215.8	201.7	1.4	0.04	0.000*	---	3.68	1.672
2118	16436	68105	50	147.9	151.4	1.4	0.04	0.000*	---	2.83	0.358
2119	16437	68105	50	189.4	182.1	1.4	0.04	0.000*	---	3.35	1.001
2120	16439	68105	50	545.1	445.4	1.4	0.04	0.000*	---	7.44	26.477
2121	16445	68105	50	447.1	372.8	1.4	0.04	0.000*	---	6.38	16.969
2122	16447	68105	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.319
2123	16449	68105	50	137.5	143.7	1.4	0.04	0.000*	---	2.69	0.262
2124	16450	68105	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.611
2125	16451	68105	50	418.2	351.5	1.4	0.04	0.000*	---	6.06	14.338
2126	16453	68105	50	110.9	124.1	1.4	0.04	0.000*	---	2.35	0.102
2127	16454	68105	50	208.7	196.4	1.4	0.04	0.000*	---	3.59	1.47
2128	16456	68105	50	179.3	174.7	1.4	0.04	0.000*	---	3.23	0.803
2129	16458	68105	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
2130	16459	68105	50	135.7	142.4	1.4	0.04	0.000*	---	2.67	0.248
2131	16461	68105	50	249	226.2	1.4	0.04	0.000*	---	4.09	2.848
2132	16462	68105	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
2133	16464	68105	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.327
2134	16465	68105	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.632

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2135	16466	68105	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.718
2136	16467	68105	50	140	145.6	1.4	0.04	0.000*	---	2.73	0.284
2137	16469	68105	50	143.7	148.4	1.4	0.04	0.000*	---	2.77	0.317
2138	16471	68105	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.561
2139	16472	68105	50	306.3	268.7	1.4	0.04	0.000*	---	4.77	5.785
2140	16473	68105	50	231.7	213.5	1.4	0.04	0.000*	---	3.88	2.189
2141	16475	68105	50	191.7	183.9	1.4	0.04	0.000*	---	3.38	1.052
2142	16478	68105	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
2143	16480	68105	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.097
2144	16484	68105	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.546
2145	16485	68105	50	179.3	174.7	1.4	0.04	0.000*	---	3.23	0.803
2146	16486	68105	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
2147	16487	68105	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
2148	16488	68105	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
2149	16490	68105	50	262.8	236.5	1.4	0.04	0.000*	---	4.25	3.451
2150	16493	68105	50	67.1	91.6	1.4	0.04	0.000*	---	1.77	0.011
2151	16494	68105	50	136.8	143.2	1.4	0.04	0.000*	---	2.68	0.256
2152	16495	68105	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.188
2153	16496	68105	50	173.2	170.2	1.4	0.04	0.000*	---	3.15	0.697
2154	16499	68105	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
2155	16500	68105	50	104.8	119.5	1.4	0.04	0.000*	---	2.27	0.08
2156	16501	68105	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.608
2157	16505	68105	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
2158	16506	68105	50	421.9	354.2	1.4	0.04	0.000*	---	6.1	14.672
2159	16507	68105	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
2160	16511	68105	50	245.2	223.4	1.4	0.04	0.000*	---	4.04	2.695
2161	16513	68105	50	139.9	145.5	1.4	0.04	0.000*	---	2.72	0.283
2162	16519	68105	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
2163	16523	68105	50	200.7	190.5	1.4	0.04	0.000*	---	3.49	1.262
2164	16528	68105	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
2165	16533	68105	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.609
2166	16535	68105	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.234
2167	16537	68105	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.633
2168	16541	68105	50	375.6	319.9	1.4	0.04	0.000*	---	5.58	10.718
2169	16543	68105	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
2170	16544	68105	50	212.5	199.3	1.4	0.04	0.000*	---	3.64	1.577
2171	16545	68105	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
2172	16550	68105	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
2173	16553	68105	50	171.3	168.8	1.4	0.04	0.000*	---	3.12	0.666
2174	16555	68105	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
2175	16557	68105	50	417.4	350.9	1.4	0.04	0.000*	---	6.05	14.27
2176	16559	68105	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.089
2177	16562	68105	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.35
2178	16563	68105	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039
2179	16564	68105	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
2180	16565	68105	50	280.4	249.5	1.4	0.04	0.000*	---	4.47	4.319
2181	16566	68105	50	257.8	232.8	1.4	0.04	0.000*	---	4.19	3.227
2182	16568	68105	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
2183	16569	68105	50	257.6	232.6	1.4	0.04	0.000*	---	4.19	3.216
2184	16570	68105	50	302.1	265.5	1.4	0.04	0.000*	---	4.72	5.53
2185	16571	68105	50	127.1	136	1.4	0.04	0.000*	---	2.56	0.186
2186	16572	68105	50	111.9	124.8	1.4	0.04	0.000*	---	2.36	0.106
2187	16573	68105	50	76.5	98.6	1.4	0.04	0.000*	---	1.89	0.02
2188	16574	68105	50	317.4	276.9	1.4	0.04	0.000*	---	4.91	6.482
2189	16575	68105	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.312
2190	16589	68105	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.141
2191	16591	68105	50	283.7	251.9	1.4	0.04	0.000*	---	4.51	4.492
2192	16597	68105	50	189	181.8	1.4	0.04	0.000*	---	3.35	0.993
2193	16598	68105	50	393.9	333.5	1.4	0.04	0.000*	---	5.79	12.23
2194	16605	68105	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.541
2195	16607	68105	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.423

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2196	16609	68105	50	415.4	349.4	1.4	0.04	0.000*	---	6.03	14.093
2197	16611	68105	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.357
2198	16614	68105	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.027
2199	16615	68105	50	157.3	158.4	1.4	0.04	0.000*	---	2.95	0.466
2200	16618	68105	50	184.8	178.8	1.4	0.04	0.000*	---	3.29	0.908
2201	16619	68105	50	232.1	213.7	1.4	0.04	0.000*	---	3.88	2.202
2202	16621	68105	50	194.1	185.7	1.4	0.04	0.000*	---	3.41	1.106
2203	16622	68105	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.122
2204	16628	68105	50	202.2	191.6	1.4	0.04	0.000*	---	3.51	1.299
2205	16631	68105	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
2206	16634	68105	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.347
2207	16638	68105	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.432
2208	16639	68105	50	47.5	77.2	1.4	0.04	0.000*	---	1.51	0.003
2209	16641	68105	50	96	113	1.4	0.04	0.000*	---	2.15	0.054
2210	16646	68105	50	301.6	265.2	1.4	0.04	0.000*	---	4.72	5.5
2211	16647	68105	50	161.9	161.8	1.4	0.04	0.000*	---	3	0.525
2212	16649	68105	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
2213	16650	68105	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.202
2214	16651	68105	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.276
2215	16654	68105	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
2216	16657	68105	50	265.4	238.4	1.4	0.04	0.000*	---	4.29	3.575
2217	16658	68105	50	324.8	282.4	1.4	0.04	0.000*	---	4.99	6.969
2218	16660	68105	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.038
2219	16668	68105	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.386
2220	16669	68105	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.013
2221	16671	68105	50	120.2	130.9	1.4	0.04	0.000*	---	2.47	0.146
2222	16675	68105	50	509	418.6	1.4	0.04	0.000*	---	7.06	22.912
2223	16678	68105	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
2224	16679	68105	50	388	329.1	1.4	0.04	0.000*	---	5.72	11.737
2225	16680	68105	50	665.4	534.4	1.4	0.04	0.000*	---	8.68	38.165
2226	16681	68105	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.077
2227	16684	68105	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
2228	16688	68105	50	79.4	100.8	1.4	0.04	0.000*	---	1.93	0.024
2229	16691	68105	50	72.9	96	1.4	0.04	0.000*	---	1.85	0.016
2230	16692	68105	50	81.5	102.3	1.4	0.04	0.000*	---	1.96	0.026
2231	16694	68105	50	132.5	140	1.4	0.04	0.000*	---	2.63	0.223
2232	16696	68105	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
2233	16697	68105	50	149.5	152.7	1.4	0.04	0.000*	---	2.85	0.376
2234	16698	68105	50	283.2	251.6	1.4	0.04	0.000*	---	4.5	4.467
2235	16700	68105	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
2236	16703	68105	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
2237	16704	68105	50	85.4	105.2	1.4	0.04	0.000*	---	2.01	0.032
2238	16706	68105	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
2239	16707	68105	50	452.1	376.6	1.4	0.04	0.000*	---	6.44	17.442
2240	16708	68105	50	203.5	192.6	1.4	0.04	0.000*	---	3.53	1.333
2241	16710	68105	50	297.5	262.1	1.4	0.04	0.000*	---	4.67	5.261
2242	16715	68105	50	130.5	138.6	1.4	0.04	0.000*	---	2.6	0.209
2243	16716	68105	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.487
2244	16721	68105	50	219.9	204.8	1.4	0.04	0.000*	---	3.73	1.798
2245	16722	68105	50	239.1	219	1.4	0.04	0.000*	---	3.97	2.46
2246	16723	68105	50	42.8	73.6	1.4	0.04	0.000*	---	1.44	0.002
2247	16725	68105	50	92.5	110.5	1.4	0.04	0.000*	---	2.11	0.046
2248	16727	68105	50	357.3	306.4	1.4	0.04	0.000*	---	5.37	9.288
2249	16728	68105	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.642
2250	16729	68105	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
2251	16731	68105	50	209.4	196.9	1.4	0.04	0.000*	---	3.6	1.489
2252	16736	68105	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
2253	16737	68105	50	301.9	265.4	1.4	0.04	0.000*	---	4.72	5.523
2254	16738	68105	50	219	204.1	1.4	0.04	0.000*	---	3.72	1.771
2255	16739	68105	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
2256	16740	68105	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2257	16742	68105	50	260.5	234.7	1.4	0.04	0.000*	---	4.23	3.345
2258	16743	68105	50	90.1	108.6	1.4	0.04	0.000*	---	2.07	0.041
2259	16744	68105	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.271
2260	16747	68105	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.283
2261	16748	68105	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.824
2262	16749	68105	50	259.5	234	1.4	0.04	0.000*	---	4.21	3.3
2263	16755	68105	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
2264	16759	68105	50	328	284.7	1.4	0.04	0.000*	---	5.03	7.181
2265	16760	68105	50	100.3	116.3	1.4	0.04	0.000*	---	2.21	0.066
2266	16761	68105	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.18
2267	16762	68105	50	250.3	227.2	1.4	0.04	0.000*	---	4.1	2.901
2268	16763	68105	50	138.5	144.5	1.4	0.04	0.000*	---	2.71	0.271
2269	16764	68105	50	240.1	219.6	1.4	0.04	0.000*	---	3.98	2.495
2270	16765	68105	50	142.8	147.6	1.4	0.04	0.000*	---	2.76	0.308
2271	16772	68105	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
2272	16773	68105	50	267.3	239.8	1.4	0.04	0.000*	---	4.31	3.662
2273	16775	68105	50	348.5	299.9	1.4	0.04	0.000*	---	5.27	8.633
2274	16777	68105	50	229.3	211.7	1.4	0.04	0.000*	---	3.85	2.105
2275	16779	68105	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.46
2276	16781	68105	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
2277	16791	68105	50	223.6	207.4	1.4	0.04	0.000*	---	3.78	1.913
2278	16792	68105	50	309.6	271.1	1.4	0.04	0.000*	---	4.81	5.988
2279	16793	68105	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.939
2280	16794	68105	50	55.6	83.2	1.4	0.04	0.000*	---	1.61	0.005
2281	16799	68105	50	233.3	214.6	1.4	0.04	0.000*	---	3.9	2.244
2282	16802	68105	50	219.3	204.3	1.4	0.04	0.000*	---	3.72	1.779
2283	16803	68105	50	118.3	129.6	1.4	0.04	0.000*	---	2.44	0.136
2284	16806	68105	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.369
2285	16807	68105	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.073
2286	16808	68105	50	175.5	171.9	1.4	0.04	0.000*	---	3.18	0.736
2287	16810	68105	50	248.5	225.9	1.4	0.04	0.000*	---	4.08	2.83
2288	16812	68105	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.18
2289	16815	68105	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.91
2290	16816	68105	50	163.6	163.1	1.4	0.04	0.000*	---	3.03	0.55
2291	16817	68105	50	213.3	199.9	1.4	0.04	0.000*	---	3.65	1.601
2292	16818	68105	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
2293	16820	68105	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
2294	16825	68105	50	227.1	210.1	1.4	0.04	0.000*	---	3.82	2.031
2295	16827	68105	50	164.1	163.5	1.4	0.04	0.000*	---	3.03	0.557
2296	16830	68105	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.224
2297	16831	68105	50	354.9	304.6	1.4	0.04	0.000*	---	5.34	9.111
2298	16832	68105	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.905
2299	16840	68105	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.763
2300	16842	68105	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.88
2301	16843	68105	50	211.7	198.7	1.4	0.04	0.000*	---	3.63	1.554
2302	16844	68105	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.264
2303	16851	68105	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.125
2304	16858	68105	50	320.5	279.1	1.4	0.04	0.000*	---	4.94	6.681
2305	16859	68105	50	177	172.9	1.4	0.04	0.000*	---	3.2	0.761
2306	16861	68105	50	445.3	371.5	1.4	0.04	0.000*	---	6.36	16.799
2307	16865	68105	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
2308	16866	68105	50	158.4	159.2	1.4	0.04	0.000*	---	2.96	0.48
2309	16867	68105	50	693.6	555.3	1.4	0.04	0.000*	---	8.96	40.777
2310	16869	68105	50	104.1	119.1	1.4	0.04	0.000*	---	2.26	0.077
2311	16876	68105	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.913
2312	16877	68105	50	747.3	595	1.4	0.04	0.000*	---	9.49	45.548
2313	16880	68105	50	226.3	209.5	1.4	0.04	0.000*	---	3.81	2.004
2314	16881	68105	50	214.4	200.7	1.4	0.04	0.000*	---	3.66	1.632
2315	16882	68105	50	176.3	172.5	1.4	0.04	0.000*	---	3.19	0.75
2316	16884	68105	50	770.7	612.3	1.4	0.04	0.000*	---	9.71	47.532
2317	16888	68105	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2318	16889	68105	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
2319	16891	68105	50	260.5	234.8	1.4	0.04	0.000*	---	4.23	3.348
2320	16893	68105	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
2321	16895	68105	50	159.4	160	1.4	0.04	0.000*	---	2.97	0.493
2322	16896	68105	50	63.7	89.1	1.4	0.04	0.000*	---	1.72	0.009
2323	16900	68105	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.022
2324	16903	68105	50	203.3	192.5	1.4	0.04	0.000*	---	3.53	1.328
2325	16904	68105	50	300.1	264.1	1.4	0.04	0.000*	---	4.7	5.413
2326	16911	68105	50	283.3	251.6	1.4	0.04	0.000*	---	4.5	4.469
2327	16913	68105	50	82.1	102.8	1.4	0.04	0.000*	---	1.97	0.027
2328	16916	68105	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.334
2329	16917	68105	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
2330	16919	68105	50	176.3	172.4	1.4	0.04	0.000*	---	3.19	0.749
2331	16920	68105	50	525	430.5	1.4	0.04	0.000*	---	7.23	24.487
2332	16921	68105	50	139.7	145.4	1.4	0.04	0.000*	---	2.72	0.281
2333	16922	68105	50	475.6	394	1.4	0.04	0.000*	---	6.7	19.674
2334	16923	68105	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
2335	16924	68105	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
2336	16926	68105	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.627
2337	16928	68105	50	413.5	348	1.4	0.04	0.000*	---	6.01	13.92
2338	16929	68105	50	342	295	1.4	0.04	0.000*	---	5.19	8.157
2339	16930	68105	50	472.9	391.9	1.4	0.04	0.000*	---	6.67	19.409
2340	16931	68105	50	287.6	254.8	1.4	0.04	0.000*	---	4.55	4.702
2341	16932	68105	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.323
2342	16933	68105	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.413
2343	16936	68105	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.48
2344	16938	68105	50	176.3	172.5	1.4	0.04	0.000*	---	3.19	0.749
2345	16939	68105	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.779
2346	16942	68105	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
2347	16943	68105	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.931
2348	16945	68105	50	104.7	119.5	1.4	0.04	0.000*	---	2.27	0.079
2349	16946	68105	50	371	316.5	1.4	0.04	0.000*	---	5.53	10.355
2350	16949	68105	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.523
2351	16950	68105	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
2352	16954	68105	50	180.2	175.4	1.4	0.04	0.000*	---	3.24	0.82
2353	16957	68105	50	441.9	369	1.4	0.04	0.000*	---	6.32	16.485
2354	16958	68105	50	527	432	1.4	0.04	0.000*	---	7.25	24.685
2355	16959	68105	50	240.5	220	1.4	0.04	0.000*	---	3.98	2.511
2356	16961	68105	50	538.2	440.3	1.4	0.04	0.000*	---	7.37	25.798
2357	16962	68105	50	605.8	490.3	1.4	0.04	0.000*	---	8.07	32.453
2358	16963	68105	50	331.5	287.4	1.4	0.04	0.000*	---	5.07	7.425
2359	16965	68105	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.569
2360	16967	68105	50	299.1	263.4	1.4	0.04	0.000*	---	4.69	5.356
2361	16970	68105	50	176.8	172.8	1.4	0.04	0.000*	---	3.19	0.757
2362	16974	68105	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
2363	16975	68105	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.03
2364	16976	68105	50	133.7	140.9	1.4	0.04	0.000*	---	2.64	0.232
2365	16978	68105	50	295.3	260.5	1.4	0.04	0.000*	---	4.64	5.136
2366	16980	68105	50	139.4	145.2	1.4	0.04	0.000*	---	2.72	0.278
2367	16983	68105	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.291
2368	16985	68105	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.965
2369	16986	68105	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
2370	16990	68105	50	95.8	112.8	1.4	0.04	0.000*	---	2.15	0.053
2371	16992	68105	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.488
2372	16994	68105	50	87.8	106.9	1.4	0.04	0.000*	---	2.04	0.036
2373	16995	68105	50	301.2	264.9	1.4	0.04	0.000*	---	4.71	5.481
2374	16996	68105	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
2375	16998	68105	50	62.4	88.2	1.4	0.04	0.000*	---	1.71	0.008
2376	17001	68105	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
2377	17006	68105	50	252.9	229.2	1.4	0.04	0.000*	---	4.14	3.013
2378	17011	68105	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.991

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2379	17012	68105	50	432	361.7	1.4	0.04	0.000*	---	6.21	15.578
2380	17015	68105	50	234.4	215.5	1.4	0.04	0.000*	---	3.91	2.286
2381	17016	68105	50	262.2	236.1	1.4	0.04	0.000*	---	4.25	3.426
2382	17020	68105	50	502.7	414	1.4	0.04	0.000*	---	6.99	22.296
2383	17021	68105	50	322.2	280.4	1.4	0.04	0.000*	---	4.96	6.796
2384	17023	68105	50	172.9	170	1.4	0.04	0.000*	---	3.14	0.692
2385	17025	68105	50	375.4	319.8	1.4	0.04	0.000*	---	5.58	10.706
2386	17030	68105	50	282.6	251.1	1.4	0.04	0.000*	---	4.49	4.433
2387	17032	68105	50	323.7	281.6	1.4	0.04	0.000*	---	4.98	6.896
2388	17040	68105	50	483.3	399.6	1.4	0.04	0.000*	---	6.78	20.412
2389	17041	68105	50	148.7	152	1.4	0.04	0.000*	---	2.84	0.367
2390	17042	68105	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.015
2391	17043	68105	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
2392	17051	68105	50	515.4	423.4	1.4	0.04	0.000*	---	7.13	23.543
2393	17052	68105	50	388.5	329.5	1.4	0.04	0.000*	---	5.73	11.774
2394	17053	68105	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
2395	17055	68105	50	290.1	256.7	1.4	0.04	0.000*	---	4.58	4.843
2396	17064	68105	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
2397	17065	68105	50	848.5	669.9	1.4	0.04	0.000*	---	10.45	53.725
2398	17067	68105	50	116.7	128.4	1.4	0.04	0.000*	---	2.42	0.128
2399	17071	68105	50	396.5	335.4	1.4	0.04	0.000*	---	5.82	12.447
2400	17072	68105	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.741
2401	17074	68105	50	204.4	193.2	1.4	0.04	0.000*	---	3.54	1.354
2402	17076	68105	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
2403	17077	68105	50	384.2	326.3	1.4	0.04	0.000*	---	5.68	11.419
2404	17081	68105	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
2405	17082	68105	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
2406	17084	68105	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
2407	17085	68105	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.132
2408	17086	68105	50	162.2	162	1.4	0.04	0.000*	---	3.01	0.53
2409	17088	68105	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.193
2410	17089	68105	50	203.2	192.3	1.4	0.04	0.000*	---	3.52	1.324
2411	17095	68105	50	208	195.9	1.4	0.04	0.000*	---	3.58	1.45
2412	17097	68105	50	306.7	269	1.4	0.04	0.000*	---	4.78	5.81
2413	17099	68105	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.361
2414	17102	68105	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.112
2415	17105	68105	50	231.4	213.2	1.4	0.04	0.000*	---	3.87	2.176
2416	17107	68105	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.332
2417	17108	68105	50	396.3	335.3	1.4	0.04	0.000*	---	5.82	12.436
2418	17113	68105	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
2419	17116	68105	50	234.8	215.8	1.4	0.04	0.000*	---	3.91	2.299
2420	17117	68105	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
2421	17119	68105	50	185.1	179	1.4	0.04	0.000*	---	3.3	0.914
2422	17122	68105	50	568.2	462.5	1.4	0.04	0.000*	---	7.68	28.761
2423	17123	68105	50	56.8	84	1.4	0.04	0.000*	---	1.63	0.006
2424	17124	68105	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
2425	17129	68105	50	269	241	1.4	0.04	0.000*	---	4.33	3.743
2426	17130	68105	50	108.4	122.2	1.4	0.04	0.000*	---	2.32	0.093
2427	17132	68105	50	521.4	427.8	1.4	0.04	0.000*	---	7.19	24.131
2428	17133	68105	50	158.2	159.1	1.4	0.04	0.000*	---	2.96	0.477
2429	17134	68105	50	247.6	225.3	1.4	0.04	0.000*	---	4.07	2.794
2430	17135	68105	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.172
2431	17138	68105	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.753
2432	17140	68105	50	342	295.1	1.4	0.04	0.000*	---	5.19	8.161
2433	17142	68105	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
2434	17143	68105	50	517.4	424.9	1.4	0.04	0.000*	---	7.15	23.737
2435	17145	68105	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
2436	17149	68105	50	200.4	190.3	1.4	0.04	0.000*	---	3.49	1.255
2437	17150	68105	50	177.9	173.6	1.4	0.04	0.000*	---	3.21	0.777
2438	17151	68105	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
2439	17153	68105	50	366.5	313.3	1.4	0.04	0.000*	---	5.48	10.003

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2440	17154	68105	50	153.6	155.6	1.4	0.04	0.000*	---	2.9	0.421
2441	17155	68105	50	375.7	320	1.4	0.04	0.000*	---	5.58	10.731
2442	17158	68105	50	331	287	1.4	0.04	0.000*	---	5.06	7.39
2443	17161	68105	50	177	173	1.4	0.04	0.000*	---	3.2	0.762
2444	17162	68105	50	783.6	621.8	1.4	0.04	0.000*	---	9.84	48.606
2445	17163	68105	50	61	87.1	1.4	0.04	0.000*	---	1.69	0.008
2446	17165	68105	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.114
2447	17166	68105	50	88.2	107.3	1.4	0.04	0.000*	---	2.05	0.037
2448	17169	68105	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.192
2449	17172	68105	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
2450	17175	68105	50	511.6	420.6	1.4	0.04	0.000*	---	7.08	23.167
2451	17176	68105	50	447.9	373.4	1.4	0.04	0.000*	---	6.39	17.045
2452	17179	68105	50	296.1	261.1	1.4	0.04	0.000*	---	4.65	5.182
2453	17181	68105	50	143.9	148.5	1.4	0.04	0.000*	---	2.77	0.319
2454	17182	68105	50	273.9	244.7	1.4	0.04	0.000*	---	4.39	3.986
2455	17184	68105	50	577.6	469.4	1.4	0.04	0.000*	---	7.78	29.684
2456	17185	68105	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
2457	17186	68105	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.222
2458	17187	68105	50	488.8	403.7	1.4	0.04	0.000*	---	6.84	20.94
2459	17190	68105	50	296.4	261.3	1.4	0.04	0.000*	---	4.66	5.197
2460	17192	68105	50	292.1	258.1	1.4	0.04	0.000*	---	4.61	4.951
2461	17193	68105	50	425.5	356.9	1.4	0.04	0.000*	---	6.14	14.99
2462	17195	68105	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.931
2463	17196	68105	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.942
2464	17198	68105	50	320.2	278.9	1.4	0.04	0.000*	---	4.94	6.662
2465	17199	68105	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.353
2466	17201	68105	50	207.6	195.6	1.4	0.04	0.000*	---	3.58	1.441
2467	17202	68105	50	265.3	238.3	1.4	0.04	0.000*	---	4.28	3.567
2468	17203	68105	50	169.5	167.4	1.4	0.04	0.000*	---	3.1	0.637
2469	17207	68105	50	195.8	186.9	1.4	0.04	0.000*	---	3.43	1.144
2470	17208	68105	50	209.4	196.9	1.4	0.04	0.000*	---	3.6	1.489
2471	17209	68105	50	232.5	214.1	1.4	0.04	0.000*	---	3.89	2.217
2472	17211	68105	50	358.2	307.1	1.4	0.04	0.000*	---	5.38	9.359
2473	17213	68105	50	111	124.2	1.4	0.04	0.000*	---	2.35	0.103
2474	17214	68105	50	293.6	259.3	1.4	0.04	0.000*	---	4.62	5.04
2475	17215	68105	50	72.8	95.8	1.4	0.04	0.000*	---	1.84	0.016
2476	17216	68105	50	472.1	391.4	1.4	0.04	0.000*	---	6.66	19.333
2477	17217	68105	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.704
2478	17219	68105	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
2479	17220	68105	50	154.9	156.6	1.4	0.04	0.000*	---	2.92	0.436
2480	17222	68105	50	102.5	117.9	1.4	0.04	0.000*	---	2.24	0.072
2481	17223	68105	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
2482	17227	68105	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.163
2483	17231	68105	50	260.6	234.9	1.4	0.04	0.000*	---	4.23	3.352
2484	17236	68105	50	701.1	560.8	1.4	0.04	0.000*	---	9.04	41.458
2485	17237	68105	50	164.6	163.8	1.4	0.04	0.000*	---	3.04	0.564
2486	17240	68105	50	43.3	74	1.4	0.04	0.000*	---	1.45	0.002
2487	17243	68105	50	252	228.5	1.4	0.04	0.000*	---	4.12	2.974
2488	17244	68105	50	359	307.7	1.4	0.04	0.000*	---	5.39	9.421
2489	17248	68105	50	388.3	329.4	1.4	0.04	0.000*	---	5.72	11.764
2490	17254	68105	50	74.9	97.4	1.4	0.04	0.000*	---	1.87	0.018
2491	17255	68105	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.609
2492	17256	68105	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
2493	17257	68105	50	133	140.4	1.4	0.04	0.000*	---	2.64	0.227
2494	17258	68105	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.237
2495	17267	68105	50	293.1	258.9	1.4	0.04	0.000*	---	4.62	5.008
2496	17270	68105	50	44.3	74.8	1.4	0.04	0.000*	---	1.46	0.002
2497	17271	68105	50	243.2	222	1.4	0.04	0.000*	---	4.02	2.616
2498	17272	68105	50	472.3	391.5	1.4	0.04	0.000*	---	6.66	19.353
2499	17275	68105	50	467.8	388.1	1.4	0.04	0.000*	---	6.61	18.92
2500	17276	68105	50	435.3	364.1	1.4	0.04	0.000*	---	6.25	15.879

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2501	17278	68105	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.935
2502	17279	68105	50	246.5	224.4	1.4	0.04	0.000*	---	4.06	2.746
2503	17281	68105	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
2504	17283	68105	50	170.1	167.8	1.4	0.04	0.000*	---	3.11	0.646
2505	17285	68105	50	303.7	266.7	1.4	0.04	0.000*	---	4.74	5.627
2506	17286	68105	50	89.9	108.6	1.4	0.04	0.000*	---	2.07	0.041
2507	17287	68105	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
2508	17288	68105	50	186.1	179.8	1.4	0.04	0.000*	---	3.31	0.935
2509	17290	68105	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.532
2510	17292	68105	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
2511	17293	68105	50	354.5	304.3	1.4	0.04	0.000*	---	5.34	9.078
2512	17294	68105	50	363.3	310.9	1.4	0.04	0.000*	---	5.44	9.753
2513	17295	68105	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.689
2514	17298	68105	50	153.4	155.6	1.4	0.04	0.000*	---	2.9	0.42
2515	17300	68105	50	171.3	168.7	1.4	0.04	0.000*	---	3.12	0.665
2516	17302	68105	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
2517	17303	68105	50	102.1	117.5	1.4	0.04	0.000*	---	2.23	0.071
2518	17305	68105	50	173.8	170.6	1.4	0.04	0.000*	---	3.16	0.706
2519	17310	68105	50	364.1	311.4	1.4	0.04	0.000*	---	5.45	9.809
2520	17313	68105	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
2521	17315	68105	50	97.8	114.3	1.4	0.04	0.000*	---	2.18	0.059
2522	17317	68105	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
2523	17318	68105	50	401.7	339.3	1.4	0.04	0.000*	---	5.88	12.898
2524	17319	68105	50	456.5	379.8	1.4	0.04	0.000*	---	6.49	17.85
2525	17325	68105	50	148.8	152.1	1.4	0.04	0.000*	---	2.84	0.368
2526	17327	68105	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
2527	17328	68105	50	228.2	210.9	1.4	0.04	0.000*	---	3.83	2.067
2528	17331	68105	50	313.9	274.3	1.4	0.04	0.000*	---	4.86	6.255
2529	17334	68105	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
2530	17336	68105	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.634
2531	17340	68105	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.886
2532	17342	68105	50	916.6	720.3	1.4	0.04	0.000*	---	11.08	58.606
2533	17344	68105	50	282.6	251.2	1.4	0.04	0.000*	---	4.49	4.437
2534	17345	68105	50	313.3	273.8	1.4	0.04	0.000*	---	4.86	6.218
2535	17346	68105	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
2536	17348	68105	50	583.7	473.9	1.4	0.04	0.000*	---	7.85	30.287
2537	17352	68105	50	323	281	1.4	0.04	0.000*	---	4.97	6.847
2538	17355	68105	50	412.4	347.2	1.4	0.04	0.000*	---	6	13.824
2539	17357	68105	50	136.7	143.1	1.4	0.04	0.000*	---	2.68	0.255
2540	17359	68105	50	323.8	281.6	1.4	0.04	0.000*	---	4.98	6.903
2541	17363	68105	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.569
2542	17364	68105	50	373.9	318.7	1.4	0.04	0.000*	---	5.56	10.582
2543	17367	68105	50	196.8	187.6	1.4	0.04	0.000*	---	3.44	1.167
2544	17368	68105	50	421.3	353.8	1.4	0.04	0.000*	---	6.1	14.617
2545	17370	68105	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.395
2546	17374	68105	50	315.9	275.7	1.4	0.04	0.000*	---	4.89	6.382
2547	17375	68105	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
2548	17376	68105	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
2549	17379	68105	50	236.1	216.8	1.4	0.04	0.000*	---	3.93	2.348
2550	17382	68105	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.372
2551	17384	68105	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
2552	17386	68105	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.028
2553	17387	68105	50	239.9	219.6	1.4	0.04	0.000*	---	3.98	2.49
2554	17390	68105	50	256.2	231.6	1.4	0.04	0.000*	---	4.18	3.157
2555	17391	68105	50	362.4	310.1	1.4	0.04	0.000*	---	5.43	9.678
2556	17392	68105	50	206.1	194.5	1.4	0.04	0.000*	---	3.56	1.399
2557	17394	68105	50	246	224.1	1.4	0.04	0.000*	---	4.05	2.728
2558	17396	68105	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
2559	17398	68105	50	457.2	380.3	1.4	0.04	0.000*	---	6.49	17.917
2560	17406	68105	50	138.8	144.7	1.4	0.04	0.000*	---	2.71	0.273
2561	17409	68105	50	224	207.7	1.4	0.04	0.000*	---	3.78	1.926

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2562	17413	68105	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
2563	17421	68105	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.607
2564	17423	68105	50	201.7	191.3	1.4	0.04	0.000*	---	3.51	1.287
2565	17429	68105	50	349.4	300.6	1.4	0.04	0.000*	---	5.28	8.7
2566	17433	68105	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
2567	17434	68105	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.48
2568	17436	68105	50	354.3	304.2	1.4	0.04	0.000*	---	5.33	9.064
2569	17438	68105	50	339.6	293.3	1.4	0.04	0.000*	---	5.16	7.987
2570	17445	68105	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.432
2571	17448	68105	50	58	84.9	1.4	0.04	0.000*	---	1.65	0.006
2572	17453	68105	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.277
2573	17456	68105	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.411
2574	17457	68105	50	69.1	93.1	1.4	0.04	0.000*	---	1.79	0.013
2575	17458	68105	50	460.1	382.5	1.4	0.04	0.000*	---	6.53	18.194
2576	17466	68105	50	352.4	302.8	1.4	0.04	0.000*	---	5.31	8.919
2577	17471	68105	50	296.3	261.3	1.4	0.04	0.000*	---	4.66	5.192
2578	17472	68105	50	290.5	257	1.4	0.04	0.000*	---	4.59	4.865
2579	17473	68105	50	295.6	260.8	1.4	0.04	0.000*	---	4.65	5.154
2580	17476	68105	50	280	249.2	1.4	0.04	0.000*	---	4.46	4.295
2581	17477	68105	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
2582	17480	68105	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.247
2583	17482	68105	50	235.1	215.9	1.4	0.04	0.000*	---	3.92	2.308
2584	17485	68105	50	388.7	329.6	1.4	0.04	0.000*	---	5.73	11.795
2585	17486	68105	50	431.2	361.1	1.4	0.04	0.000*	---	6.21	15.508
2586	17489	68105	50	315.4	275.4	1.4	0.04	0.000*	---	4.88	6.353
2587	17497	68105	50	218.7	203.8	1.4	0.04	0.000*	---	3.72	1.76
2588	17499	68105	50	503.6	414.6	1.4	0.04	0.000*	---	7	22.383
2589	17501	68105	50	372.8	317.9	1.4	0.04	0.000*	---	5.55	10.496
2590	17504	68105	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.382
2591	17506	68105	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
2592	17513	68105	50	345.5	297.6	1.4	0.04	0.000*	---	5.23	8.41
2593	17516	68105	50	256	231.4	1.4	0.04	0.000*	---	4.17	3.147
2594	17518	68105	50	367	313.6	1.4	0.04	0.000*	---	5.48	10.04
2595	17520	68105	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.488
2596	17521	68105	50	639.7	515.4	1.4	0.04	0.000*	---	8.42	35.729
2597	17522	68105	50	306.1	268.5	1.4	0.04	0.000*	---	4.77	5.772
2598	17523	68105	50	283.6	251.9	1.4	0.04	0.000*	---	4.5	4.487
2599	17526	68105	50	67.5	91.9	1.4	0.04	0.000*	---	1.77	0.012
2600	17530	68105	50	261.5	235.5	1.4	0.04	0.000*	---	4.24	3.392
2601	17532	68105	50	317.5	277	1.4	0.04	0.000*	---	4.91	6.488
2602	17535	68105	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.369
2603	17537	68105	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
2604	17542	68105	50	103.2	118.4	1.4	0.04	0.000*	---	2.25	0.074
2605	17543	68105	50	465	386.1	1.4	0.04	0.000*	---	6.58	18.66
2606	17544	68105	50	499.1	411.4	1.4	0.04	0.000*	---	6.95	21.951
2607	17546	68105	50	108.4	122.2	1.4	0.04	0.000*	---	2.32	0.093
2608	17552	68105	50	340.9	294.3	1.4	0.04	0.000*	---	5.18	8.079
2609	17557	68105	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
2610	17559	68105	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
2611	17560	68105	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.268
2612	17562	68105	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
2613	17566	68105	50	288.5	255.4	1.4	0.04	0.000*	---	4.56	4.75
2614	17571	68105	50	171.2	168.7	1.4	0.04	0.000*	---	3.12	0.664
2615	17572	68105	50	89.7	108.3	1.4	0.04	0.000*	---	2.07	0.04
2616	17573	68105	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.798
2617	17574	68105	50	182.8	177.2	1.4	0.04	0.000*	---	3.27	0.868
2618	17578	68105	50	113.8	126.2	1.4	0.04	0.000*	---	2.38	0.115
2619	17583	68105	50	121	131.6	1.4	0.04	0.000*	---	2.48	0.15
2620	17584	68105	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.694
2621	17588	68105	50	268.9	241	1.4	0.04	0.000*	---	4.33	3.741
2622	17590	68105	50	215.3	201.4	1.4	0.04	0.000*	---	3.67	1.659

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2623	17591	68105	50	453.5	377.6	1.4	0.04	0.000*	---	6.45	17.568
2624	17594	68105	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
2625	17598	68105	50	95.2	112.5	1.4	0.04	0.000*	---	2.14	0.052
2626	17604	68105	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
2627	17605	68105	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.113
2628	17608	68105	50	180.1	175.2	1.4	0.04	0.000*	---	3.23	0.816
2629	17609	68105	50	93.2	110.9	1.4	0.04	0.000*	---	2.11	0.047
2630	17610	68105	50	56.8	84.1	1.4	0.04	0.000*	---	1.63	0.006
2631	17612	68105	50	28.2	62.9	1.4	0.04	0.000*	---	1.24	0
2632	17613	68105	50	372.8	317.9	1.4	0.04	0.000*	---	5.55	10.498
2633	17614	68105	50	179.2	174.6	1.4	0.04	0.000*	---	3.22	0.801
2634	17615	68105	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.78
2635	17616	68105	50	363.3	310.8	1.4	0.04	0.000*	---	5.44	9.75
2636	17618	68105	50	584.8	474.7	1.4	0.04	0.000*	---	7.86	30.394
2637	17619	68105	50	387.1	328.5	1.4	0.04	0.000*	---	5.71	11.663
2638	17624	68105	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.806
2639	17625	68105	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.502
2640	17627	68105	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
2641	17629	68105	50	149.3	152.5	1.4	0.04	0.000*	---	2.84	0.374
2642	17632	68105	50	165.1	164.2	1.4	0.04	0.000*	---	3.05	0.571
2643	17634	68105	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
2644	17636	68105	50	185	178.9	1.4	0.04	0.000*	---	3.3	0.911
2645	17638	68105	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.376
2646	17640	68105	50	428.7	359.2	1.4	0.04	0.000*	---	6.18	15.28
2647	17644	68105	50	436.3	364.9	1.4	0.04	0.000*	---	6.26	15.976
2648	17649	68105	50	307.7	269.7	1.4	0.04	0.000*	---	4.79	5.873
2649	17651	68105	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.937
2650	17653	68105	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
2651	17667	68105	50	176.1	172.3	1.4	0.04	0.000*	---	3.18	0.746
2652	17668	68105	50	321.8	280.1	1.4	0.04	0.000*	---	4.96	6.77
2653	17669	68105	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.045
2654	17673	68105	50	556.8	454	1.4	0.04	0.000*	---	7.56	27.629
2655	17675	68105	50	135.1	141.9	1.4	0.04	0.000*	---	2.66	0.243
2656	17678	68105	50	244.8	223.1	1.4	0.04	0.000*	---	4.04	2.678
2657	17680	68105	50	331.2	287.1	1.4	0.04	0.000*	---	5.07	7.4
2658	17681	68105	50	296	261	1.4	0.04	0.000*	---	4.65	5.174
2659	17682	68105	50	702.3	561.7	1.4	0.04	0.000*	---	9.05	41.57
2660	17684	68105	50	306.7	269	1.4	0.04	0.000*	---	4.78	5.811
2661	17685	68105	50	248.2	225.6	1.4	0.04	0.000*	---	4.08	2.815
2662	17686	68105	50	190.2	182.7	1.4	0.04	0.000*	---	3.36	1.018
2663	17687	68105	50	193.3	185	1.4	0.04	0.000*	---	3.4	1.087
2664	17688	68105	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.789
2665	17690	68105	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.182
2666	17692	68105	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.786
2667	17694	68105	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
2668	17695	68105	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.083
2669	17697	68105	50	518.5	425.7	1.4	0.04	0.000*	---	7.16	23.85
2670	17702	68105	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
2671	17704	68105	50	220.2	204.9	1.4	0.04	0.000*	---	3.73	1.806
2672	17706	68105	50	271.8	243.1	1.4	0.04	0.000*	---	4.36	3.88
2673	17709	68105	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
2674	17712	68105	50	512.3	421.1	1.4	0.04	0.000*	---	7.09	23.242
2675	17713	68105	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.586
2676	17717	68105	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.858
2677	17719	68105	50	353.9	303.9	1.4	0.04	0.000*	---	5.33	9.033
2678	17720	68105	50	151.5	154.1	1.4	0.04	0.000*	---	2.87	0.397
2679	17722	68105	50	408.7	344.4	1.4	0.04	0.000*	---	5.95	13.501
2680	17723	68105	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.539
2681	17724	68105	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.123
2682	17725	68105	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.772
2683	17727	68105	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2684	17728	68105	50	263.3	236.9	1.4	0.04	0.000*	---	4.26	3.476
2685	17731	68105	50	126.6	135.6	1.4	0.04	0.000*	---	2.55	0.183
2686	17733	68105	50	180.2	175.4	1.4	0.04	0.000*	---	3.24	0.82
2687	17735	68105	50	479.4	396.7	1.4	0.04	0.000*	---	6.74	20.03
2688	17736	68105	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
2689	17737	68105	50	414.1	348.4	1.4	0.04	0.000*	---	6.02	13.976
2690	17738	68105	50	110.2	123.5	1.4	0.04	0.000*	---	2.34	0.099
2691	17739	68105	50	160	160.4	1.4	0.04	0.000*	---	2.98	0.501
2692	17741	68105	50	402.8	340.1	1.4	0.04	0.000*	---	5.89	12.992
2693	17745	68105	50	523.2	429.2	1.4	0.04	0.000*	---	7.21	24.311
2694	17746	68105	50	219.9	204.8	1.4	0.04	0.000*	---	3.73	1.799
2695	17748	68105	50	128	136.7	1.4	0.04	0.000*	---	2.57	0.192
2696	17749	68105	50	397.1	335.8	1.4	0.04	0.000*	---	5.82	12.5
2697	17750	68105	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.047
2698	17752	68105	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
2699	17753	68105	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.134
2700	17756	68105	50	468.7	388.8	1.4	0.04	0.000*	---	6.62	19.005
2701	17757	68105	50	54.5	82.4	1.4	0.04	0.000*	---	1.6	0.005
2702	17762	68105	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
2703	17763	68105	50	180.1	175.3	1.4	0.04	0.000*	---	3.24	0.818
2704	17764	68105	50	544.5	444.9	1.4	0.04	0.000*	---	7.44	26.418
2705	17765	68105	50	494.6	408	1.4	0.04	0.000*	---	6.9	21.504
2706	17767	68105	50	267.9	240.3	1.4	0.04	0.000*	---	4.32	3.693
2707	17768	68105	50	214.7	200.9	1.4	0.04	0.000*	---	3.67	1.64
2708	17769	68105	50	267.9	240.2	1.4	0.04	0.000*	---	4.32	3.69
2709	17770	68105	50	378.7	322.2	1.4	0.04	0.000*	---	5.61	10.971
2710	17777	68105	50	244.5	222.9	1.4	0.04	0.000*	---	4.03	2.666
2711	17780	68105	50	80.9	101.9	1.4	0.04	0.000*	---	1.95	0.026
2712	17781	68105	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
2713	17783	68105	50	315.4	275.4	1.4	0.04	0.000*	---	4.88	6.355
2714	17786	68105	50	51.6	80.2	1.4	0.04	0.000*	---	1.56	0.004
2715	17788	68105	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.964
2716	17791	68105	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
2717	17794	68105	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
2718	17795	68105	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.613
2719	17796	68105	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.078
2720	17798	68105	50	272.6	243.7	1.4	0.04	0.000*	---	4.37	3.919
2721	17802	68105	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
2722	17803	68105	50	102.3	117.7	1.4	0.04	0.000*	---	2.24	0.072
2723	17806	68105	50	358.3	307.2	1.4	0.04	0.000*	---	5.38	9.369
2724	17808	68105	50	529.3	433.7	1.4	0.04	0.000*	---	7.27	24.915
2725	17812	68105	50	300.6	264.4	1.4	0.04	0.000*	---	4.71	5.441
2726	17814	68105	50	96.4	113.4	1.4	0.04	0.000*	---	2.16	0.055
2727	17816	68105	50	336.1	290.7	1.4	0.04	0.000*	---	5.12	7.744
2728	17820	68105	50	243.3	222	1.4	0.04	0.000*	---	4.02	2.62
2729	17821	68105	50	103.4	118.5	1.4	0.04	0.000*	---	2.25	0.075
2730	17822	68105	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.604
2731	17824	68105	50	162.9	162.6	1.4	0.04	0.000*	---	3.02	0.54
2732	17825	68105	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
2733	17826	68105	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
2734	17827	68105	50	69.8	93.6	1.4	0.04	0.000*	---	1.8	0.013
2735	17831	68105	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.777
2736	17839	68105	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
2737	17841	68105	50	174	170.7	1.4	0.04	0.000*	---	3.16	0.709
2738	17842	68105	50	189.4	182.2	1.4	0.04	0.000*	---	3.35	1.002
2739	17844	68105	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
2740	17847	68105	50	43.6	74.3	1.4	0.04	0.000*	---	1.45	0.002
2741	17850	68105	50	236.1	216.7	1.4	0.04	0.000*	---	3.93	2.347
2742	17853	68105	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
2743	17854	68105	50	241	220.3	1.4	0.04	0.000*	---	3.99	2.53
2744	17855	68105	50	401.6	339.2	1.4	0.04	0.000*	---	5.87	12.883

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2745	17860	68105	50	95.1	112.4	1.4	0.04	0.000*	---	2.14	0.052
2746	17866	68105	50	84	104.1	1.4	0.04	0.000*	---	1.99	0.03
2747	17869	68105	50	739.8	589.5	1.4	0.04	0.000*	---	9.42	44.9
2748	17871	68105	50	140	145.6	1.4	0.04	0.000*	---	2.73	0.284
2749	17873	68105	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
2750	17875	68105	50	146.6	150.5	1.4	0.04	0.000*	---	2.81	0.346
2751	17876	68105	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
2752	17877	68105	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
2753	17880	68105	50	111.8	124.8	1.4	0.04	0.000*	---	2.36	0.106
2754	17883	68105	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
2755	17885	68105	50	308.8	270.5	1.4	0.04	0.000*	---	4.8	5.937
2756	17887	68105	50	165.1	164.2	1.4	0.04	0.000*	---	3.05	0.571
2757	17888	68105	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
2758	17890	68105	50	59.8	86.3	1.4	0.04	0.000*	---	1.67	0.007
2759	17892	68105	50	272.7	243.8	1.4	0.04	0.000*	---	4.37	3.925
2760	17894	68105	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
2761	17897	68105	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.628
2762	17898	68105	50	371.4	316.8	1.4	0.04	0.000*	---	5.53	10.383
2763	17899	68105	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
2764	17900	68105	50	280.6	249.6	1.4	0.04	0.000*	---	4.47	4.329
2765	17901	68105	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.406
2766	17903	68105	50	496.4	409.4	1.4	0.04	0.000*	---	6.92	21.685
2767	17905	68105	50	473.6	392.5	1.4	0.04	0.000*	---	6.67	19.479
2768	17906	68105	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
2769	17907	68105	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
2770	17917	68105	50	378	321.7	1.4	0.04	0.000*	---	5.61	10.912
2771	17918	68105	50	274.7	245.3	1.4	0.04	0.000*	---	4.4	4.025
2772	17921	68105	50	211.7	198.7	1.4	0.04	0.000*	---	3.63	1.554
2773	17923	68105	50	287.3	254.6	1.4	0.04	0.000*	---	4.55	4.684
2774	17926	68105	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.312
2775	17927	68105	50	416	349.9	1.4	0.04	0.000*	---	6.04	14.148
2776	17928	68105	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.622
2777	17929	68105	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
2778	17930	68105	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.306
2779	17932	68105	50	190.7	183.1	1.4	0.04	0.000*	---	3.37	1.03
2780	17933	68105	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.915
2781	17934	68105	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
2782	17935	68105	50	190.5	182.9	1.4	0.04	0.000*	---	3.37	1.025
2783	17937	68105	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
2784	17938	68105	50	78.8	100.3	1.4	0.04	0.000*	---	1.92	0.023
2785	17942	68105	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
2786	17943	68105	50	325.9	283.1	1.4	0.04	0.000*	---	5	7.039
2787	17944	68105	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.435
2788	17948	68105	50	276.2	246.4	1.4	0.04	0.000*	---	4.42	4.101
2789	17950	68105	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
2790	17951	68105	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
2791	17954	68105	50	119	130.1	1.4	0.04	0.000*	---	2.45	0.14
2792	17955	68105	50	231.4	213.2	1.4	0.04	0.000*	---	3.87	2.177
2793	17957	68105	50	775.6	616	1.4	0.04	0.000*	---	9.76	47.947
2794	17959	68105	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
2795	17960	68105	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
2796	17961	68105	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.46
2797	17962	68105	50	287.3	254.6	1.4	0.04	0.000*	---	4.55	4.684
2798	17964	68105	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
2799	17966	68105	50	318.8	277.9	1.4	0.04	0.000*	---	4.92	6.569
2800	17970	68105	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
2801	17973	68105	50	228.6	211.1	1.4	0.04	0.000*	---	3.84	2.08
2802	17974	68105	50	105.6	120.2	1.4	0.04	0.000*	---	2.28	0.083
2803	17976	68105	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.975
2804	17977	68105	50	334.8	289.7	1.4	0.04	0.000*	---	5.11	7.646
2805	17978	68105	50	49.9	78.9	1.4	0.04	0.000*	---	1.54	0.003

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2806	17979	68105	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.301
2807	17982	68105	50	337.4	291.7	1.4	0.04	0.000*	---	5.14	7.835
2808	17983	68105	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.97
2809	17984	68105	50	149.4	152.5	1.4	0.04	0.000*	---	2.85	0.374
2810	17986	68105	50	61.7	87.6	1.4	0.04	0.000*	---	1.7	0.008
2811	17988	68105	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.441
2812	17991	68105	50	100.8	116.6	1.4	0.04	0.000*	---	2.22	0.067
2813	17994	68105	50	161.9	161.8	1.4	0.04	0.000*	---	3.01	0.526
2814	17995	68105	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.115
2815	17996	68105	50	332.9	288.4	1.4	0.04	0.000*	---	5.09	7.519
2816	17998	68105	50	394.4	333.9	1.4	0.04	0.000*	---	5.79	12.273
2817	17999	68105	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.944
2818	18000	68105	50	305.8	268.3	1.4	0.04	0.000*	---	4.77	5.752
2819	18001	68105	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
2820	18002	68105	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
2821	18003	68105	50	97	113.8	1.4	0.04	0.000*	---	2.17	0.057
2822	18005	68105	50	217.1	202.7	1.4	0.04	0.000*	---	3.7	1.712
2823	18007	68105	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
2824	18008	68105	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.927
2825	18009	68105	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
2826	18012	68105	50	232.3	213.9	1.4	0.04	0.000*	---	3.88	2.209
2827	18014	68105	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
2828	18017	68105	50	105.9	120.4	1.4	0.04	0.000*	---	2.28	0.084
2829	18018	68105	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
2830	18020	68105	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
2831	18021	68105	50	188.1	181.2	1.4	0.04	0.000*	---	3.34	0.975
2832	18023	68105	50	207.4	195.4	1.4	0.04	0.000*	---	3.58	1.433
2833	18029	68105	50	148	151.5	1.4	0.04	0.000*	---	2.83	0.36
2834	18030	68105	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
2835	18031	68105	50	597.9	484.4	1.4	0.04	0.000*	---	7.99	31.68
2836	18033	68105	50	418.6	351.8	1.4	0.04	0.000*	---	6.07	14.377
2837	18034	68105	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
2838	18035	68105	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.033
2839	18036	68105	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
2840	18039	68105	50	243.3	222	1.4	0.04	0.000*	---	4.02	2.62
2841	18041	68105	50	252.9	229.1	1.4	0.04	0.000*	---	4.13	3.012
2842	18044	68105	50	259.9	234.4	1.4	0.04	0.000*	---	4.22	3.321
2843	18047	68105	50	240.1	219.7	1.4	0.04	0.000*	---	3.98	2.498
2844	18049	68105	50	65.6	90.5	1.4	0.04	0.000*	---	1.75	0.01
2845	18051	68105	50	186.4	180	1.4	0.04	0.000*	---	3.31	0.941
2846	18052	68105	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.862
2847	18055	68105	50	91.8	110	1.4	0.04	0.000*	---	2.1	0.044
2848	18056	68105	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.228
2849	18058	68105	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.139
2850	18059	68105	50	49.8	78.8	1.4	0.04	0.000*	---	1.54	0.003
2851	18060	68105	50	648.7	522	1.4	0.04	0.000*	---	8.51	36.589
2852	18062	68105	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
2853	18064	68105	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
2854	18068	68105	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.615
2855	18078	68105	50	83.6	103.8	1.4	0.04	0.000*	---	1.99	0.029
2856	18083	68105	50	138.3	144.4	1.4	0.04	0.000*	---	2.7	0.269
2857	18085	68105	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
2858	18086	68105	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
2859	18088	68105	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.909
2860	18092	68105	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.164
2861	18094	68105	50	208.9	196.6	1.4	0.04	0.000*	---	3.6	1.476
2862	18099	68105	50	195.2	186.4	1.4	0.04	0.000*	---	3.42	1.13
2863	18101	68105	50	347	298.8	1.4	0.04	0.000*	---	5.25	8.525
2864	18104	68105	50	192.8	184.7	1.4	0.04	0.000*	---	3.39	1.076
2865	18105	68105	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.926
2866	18110	68105	50	297.5	262.2	1.4	0.04	0.000*	---	4.67	5.262

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2867	18114	68105	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
2868	18118	68105	50	195.3	186.5	1.4	0.04	0.000*	---	3.43	1.133
2869	18120	68105	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
2870	18121	68105	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
2871	18122	68105	50	72	95.3	1.4	0.04	0.000*	---	1.83	0.015
2872	18128	68105	50	314.7	274.9	1.4	0.04	0.000*	---	4.87	6.31
2873	18133	68105	50	66	90.8	1.4	0.04	0.000*	---	1.75	0.011
2874	18134	68105	50	64.6	89.8	1.4	0.04	0.000*	---	1.74	0.01
2875	18137	68105	50	490.5	405	1.4	0.04	0.000*	---	6.86	21.107
2876	18138	68105	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.379
2877	18145	68105	50	256.6	231.9	1.4	0.04	0.000*	---	4.18	3.171
2878	18147	68105	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.179
2879	18151	68105	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.236
2880	18153	68105	50	204.3	193.1	1.4	0.04	0.000*	---	3.54	1.352
2881	18155	68105	50	358	307	1.4	0.04	0.000*	---	5.38	9.346
2882	18157	68105	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.51
2883	18158	68105	50	625.6	505	1.4	0.04	0.000*	---	8.28	34.376
2884	18161	68105	50	384	326.2	1.4	0.04	0.000*	---	5.68	11.407
2885	18162	68105	50	108.6	122.4	1.4	0.04	0.000*	---	2.32	0.093
2886	18164	68105	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
2887	18167	68105	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
2888	18169	68105	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
2889	18170	68105	50	237.1	217.5	1.4	0.04	0.000*	---	3.94	2.384
2890	18171	68105	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
2891	18173	68105	50	386.6	328.1	1.4	0.04	0.000*	---	5.71	11.623
2892	18174	68105	50	131.7	139.5	1.4	0.04	0.000*	---	2.62	0.218
2893	18177	68105	50	306.9	269.1	1.4	0.04	0.000*	---	4.78	5.823
2894	18182	68105	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
2895	18183	68105	50	198.1	188.6	1.4	0.04	0.000*	---	3.46	1.198
2896	18186	68105	50	304.3	267.2	1.4	0.04	0.000*	---	4.75	5.662
2897	18187	68105	50	241.5	220.7	1.4	0.04	0.000*	---	4	2.549
2898	18189	68105	50	351.7	302.3	1.4	0.04	0.000*	---	5.3	8.868
2899	18192	68105	50	557.4	454.4	1.4	0.04	0.000*	---	7.57	27.688
2900	18197	68105	50	191.6	183.8	1.4	0.04	0.000*	---	3.38	1.049
2901	18200	68105	50	234	215.2	1.4	0.04	0.000*	---	3.91	2.272
2902	18204	68105	50	224	207.8	1.4	0.04	0.000*	---	3.78	1.929
2903	18207	68105	50	330.4	286.5	1.4	0.04	0.000*	---	5.06	7.344
2904	18224	68105	50	399.2	337.4	1.4	0.04	0.000*	---	5.85	12.682
2905	18227	68105	50	72	95.3	1.4	0.04	0.000*	---	1.83	0.015
2906	18229	68105	50	313.1	273.7	1.4	0.04	0.000*	---	4.86	6.211
2907	18247	68105	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
2908	18258	68105	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.516
2909	18262	68105	50	324.2	281.9	1.4	0.04	0.000*	---	4.98	6.927
2910	18267	68105	50	535.9	438.6	1.4	0.04	0.000*	---	7.34	25.57
2911	18269	68105	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.753
2912	18270	68105	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
2913	18273	68105	50	97.2	113.9	1.4	0.04	0.000*	---	2.17	0.057
2914	18279	68105	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
2915	18281	68105	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.556
2916	18284	68105	50	156.4	157.7	1.4	0.04	0.000*	---	2.93	0.455
2917	18285	68105	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
2918	18287	68105	50	292.6	258.5	1.4	0.04	0.000*	---	4.61	4.983
2919	18290	68105	50	119.4	130.4	1.4	0.04	0.000*	---	2.46	0.142
2920	18291	68105	50	84	104.1	1.4	0.04	0.000*	---	1.99	0.03
2921	18293	68105	50	486.9	402.3	1.4	0.04	0.000*	---	6.82	20.756
2922	18295	68105	50	392.5	332.4	1.4	0.04	0.000*	---	5.77	12.109
2923	18298	68105	50	214	200.3	1.4	0.04	0.000*	---	3.66	1.619
2924	18302	68105	50	465.7	386.6	1.4	0.04	0.000*	---	6.59	18.72
2925	18303	68105	50	109.3	122.9	1.4	0.04	0.000*	---	2.33	0.096
2926	18304	68105	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
2927	18306	68105	50	104.2	119.1	1.4	0.04	0.000*	---	2.26	0.078

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2928	18311	68105	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.627
2929	18312	68105	50	308.7	270.4	1.4	0.04	0.000*	---	4.8	5.93
2930	18320	68105	50	543.2	444	1.4	0.04	0.000*	---	7.42	26.286
2931	18321	68105	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.06
2932	18323	68105	50	526	431.2	1.4	0.04	0.000*	---	7.24	24.587
2933	18324	68105	50	210.5	197.7	1.4	0.04	0.000*	---	3.61	1.519
2934	18329	68105	50	240.2	219.7	1.4	0.04	0.000*	---	3.98	2.499
2935	18332	68105	50	649.5	522.6	1.4	0.04	0.000*	---	8.52	36.659
2936	18333	68105	50	200.4	190.3	1.4	0.04	0.000*	---	3.49	1.255
2937	18334	68105	50	164.7	163.9	1.4	0.04	0.000*	---	3.04	0.565
2938	18336	68105	50	247.9	225.4	1.4	0.04	0.000*	---	4.07	2.804
2939	18337	68105	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.642
2940	18338	68105	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
2941	18342	68105	50	520.9	427.5	1.4	0.04	0.000*	---	7.18	24.085
2942	18344	68105	50	281.6	250.4	1.4	0.04	0.000*	---	4.48	4.383
2943	18346	68105	50	253.8	229.8	1.4	0.04	0.000*	---	4.15	3.052
2944	18347	68105	50	137.1	143.4	1.4	0.04	0.000*	---	2.69	0.259
2945	18349	68105	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
2946	18351	68105	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
2947	18352	68105	50	174.4	171	1.4	0.04	0.000*	---	3.16	0.716
2948	18354	68105	50	232.4	214	1.4	0.04	0.000*	---	3.88	2.213
2949	18355	68105	50	143.3	148	1.4	0.04	0.000*	---	2.77	0.313
2950	18356	68105	50	84.1	104.2	1.4	0.04	0.000*	---	1.99	0.03
2951	18358	68105	50	320.7	279.3	1.4	0.04	0.000*	---	4.94	6.695
2952	18359	68105	50	333.3	288.7	1.4	0.04	0.000*	---	5.09	7.548
2953	18360	68105	50	310.8	272	1.4	0.04	0.000*	---	4.83	6.06
2954	18368	68105	50	562.1	458	1.4	0.04	0.000*	---	7.62	28.16
2955	18369	68105	50	378.5	322.1	1.4	0.04	0.000*	---	5.61	10.957
2956	18370	68105	50	157.2	158.3	1.4	0.04	0.000*	---	2.94	0.464
2957	18376	68105	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
2958	18378	68105	50	229.4	211.8	1.4	0.04	0.000*	---	3.85	2.109
2959	18383	68105	50	258.3	233.2	1.4	0.04	0.000*	---	4.2	3.25
2960	18387	68105	50	172.5	169.6	1.4	0.04	0.000*	---	3.14	0.685
2961	18389	68105	50	132.9	140.3	1.4	0.04	0.000*	---	2.63	0.226
2962	18393	68105	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
2963	18395	68105	50	200.5	190.4	1.4	0.04	0.000*	---	3.49	1.256
2964	18396	68105	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.396
2965	18398	68105	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.759
2966	18401	68105	50	200.2	190.1	1.4	0.04	0.000*	---	3.49	1.249
2967	18406	68105	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227
2968	18408	68105	50	59.4	86	1.4	0.04	0.000*	---	1.67	0.007
2969	18411	68105	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.57
2970	18412	68105	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.238
2971	18413	68105	50	203.5	192.6	1.4	0.04	0.000*	---	3.53	1.333
2972	18419	68105	50	126.7	135.8	1.4	0.04	0.000*	---	2.55	0.184
2973	18421	68105	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
2974	18425	68105	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.433
2975	18427	68105	50	290.2	256.8	1.4	0.04	0.000*	---	4.58	4.848
2976	18429	68105	50	1128.2	876.9	1.4	0.04	0.000*	---	12.92	70.728
2977	18434	68105	50	216.3	202.1	1.4	0.04	0.000*	---	3.69	1.688
2978	18442	68105	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.367
2979	18444	68105	50	357.9	306.9	1.4	0.04	0.000*	---	5.38	9.336
2980	18445	68105	50	389.9	330.5	1.4	0.04	0.000*	---	5.74	11.893
2981	18452	68105	50	205.6	194.2	1.4	0.04	0.000*	---	3.55	1.387
2982	18453	68105	50	316.8	276.4	1.4	0.04	0.000*	---	4.9	6.442
2983	18459	68105	50	333.1	288.5	1.4	0.04	0.000*	---	5.09	7.535
2984	18462	68105	50	230.3	212.4	1.4	0.04	0.000*	---	3.86	2.14
2985	18464	68105	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.301
2986	18465	68105	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.109
2987	18466	68105	50	203.7	192.8	1.4	0.04	0.000*	---	3.53	1.338
2988	18469	68105	50	189	181.8	1.4	0.04	0.000*	---	3.35	0.993

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
2989	18470	68105	50	368.4	314.6	1.4	0.04	0.000*	---	5.5	10.152
2990	18472	68105	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
2991	18481	68105	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.877
2992	18482	68105	50	443.1	369.9	1.4	0.04	0.000*	---	6.34	16.604
2993	18485	68105	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.856
2994	18490	68105	50	223.3	207.2	1.4	0.04	0.000*	---	3.77	1.905
2995	18493	68105	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.988
2996	18495	68105	50	392.2	332.2	1.4	0.04	0.000*	---	5.77	12.086
2997	18499	68105	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
2998	18500	68105	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.412
2999	18505	68105	50	122.2	132.5	1.4	0.04	0.000*	---	2.5	0.157
3000	18508	68105	50	274.1	244.9	1.4	0.04	0.000*	---	4.39	3.997
3001	18511	68105	50	413.8	348.2	1.4	0.04	0.000*	---	6.01	13.948
3002	18514	68105	50	170.9	168.5	1.4	0.04	0.000*	---	3.12	0.659
3003	18516	68105	50	337.2	291.6	1.4	0.04	0.000*	---	5.14	7.821
3004	18517	68105	50	274.8	245.4	1.4	0.04	0.000*	---	4.4	4.031
3005	18529	68105	50	542.9	443.7	1.4	0.04	0.000*	---	7.42	26.255
3006	18531	68105	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
3007	18538	68105	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.63
3008	18544	68105	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.734
3009	18550	68105	50	226.4	209.6	1.4	0.04	0.000*	---	3.81	2.009
3010	18558	68105	50	214.7	200.9	1.4	0.04	0.000*	---	3.67	1.641
3011	18559	68105	50	525.3	430.7	1.4	0.04	0.000*	---	7.23	24.519
3012	18561	68105	50	173	170	1.4	0.04	0.000*	---	3.15	0.693
3013	18564	68105	50	257.8	232.8	1.4	0.04	0.000*	---	4.19	3.226
3014	18573	68105	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
3015	18580	68105	50	506.7	417	1.4	0.04	0.000*	---	7.03	22.691
3016	18581	68105	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.873
3017	18583	68105	50	238.8	218.7	1.4	0.04	0.000*	---	3.96	2.448
3018	18586	68105	50	483.8	400	1.4	0.04	0.000*	---	6.78	20.456
3019	18590	68105	50	257.9	232.8	1.4	0.04	0.000*	---	4.2	3.229
3020	18591	68105	50	317	276.6	1.4	0.04	0.000*	---	4.9	6.456
3021	18592	68105	50	234.2	215.3	1.4	0.04	0.000*	---	3.91	2.279
3022	18593	68105	50	291.7	257.9	1.4	0.04	0.000*	---	4.6	4.931
3023	18596	68105	50	309.8	271.3	1.4	0.04	0.000*	---	4.82	6.002
3024	18598	68105	50	413.3	347.8	1.4	0.04	0.000*	---	6.01	13.9
3025	18600	68105	50	267.5	240	1.4	0.04	0.000*	---	4.31	3.674
3026	18601	68105	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.182
3027	18602	68105	50	260.6	234.9	1.4	0.04	0.000*	---	4.23	3.354
3028	18604	68105	50	122.1	132.4	1.4	0.04	0.000*	---	2.49	0.156
3029	18606	68105	50	780	619.2	1.4	0.04	0.000*	---	9.8	48.309
3030	18607	68105	50	123.4	133.3	1.4	0.04	0.000*	---	2.51	0.164
3031	18610	68105	50	140.1	145.7	1.4	0.04	0.000*	---	2.73	0.284
3032	18612	68105	50	385.3	327.1	1.4	0.04	0.000*	---	5.69	11.513
3033	18613	68105	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.189
3034	18615	68105	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
3035	18616	68105	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
3036	18618	68105	50	291.3	257.6	1.4	0.04	0.000*	---	4.6	4.908
3037	18620	68105	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
3038	18621	68105	50	268.5	240.7	1.4	0.04	0.000*	---	4.32	3.72
3039	18623	68105	50	173.6	170.5	1.4	0.04	0.000*	---	3.15	0.703
3040	18624	68105	50	210.9	198	1.4	0.04	0.000*	---	3.62	1.53
3041	18628	68105	50	94.1	111.7	1.4	0.04	0.000*	---	2.13	0.05
3042	18640	68105	50	487.2	402.5	1.4	0.04	0.000*	---	6.82	20.789
3043	18641	68105	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
3044	18643	68105	50	482.7	399.2	1.4	0.04	0.000*	---	6.77	20.357
3045	18645	68105	50	417	350.5	1.4	0.04	0.000*	---	6.05	14.228
3046	18646	68105	50	215.2	201.3	1.4	0.04	0.000*	---	3.67	1.655
3047	18654	68105	50	228.5	211.1	1.4	0.04	0.000*	---	3.84	2.078
3048	18655	68105	50	132	139.7	1.4	0.04	0.000*	---	2.62	0.22
3049	18657	68105	50	199.5	189.6	1.4	0.04	0.000*	---	3.48	1.232

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3050	18659	68105	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
3051	18661	68105	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
3052	18663	68105	50	379.1	322.5	1.4	0.04	0.000*	---	5.62	11.001
3053	18667	68105	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.657
3054	18669	68105	50	91.3	109.6	1.4	0.04	0.000*	---	2.09	0.043
3055	18671	68105	50	204.6	193.4	1.4	0.04	0.000*	---	3.54	1.359
3056	18673	68105	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.751
3057	18676	68105	50	353.9	303.9	1.4	0.04	0.000*	---	5.33	9.03
3058	18684	68105	50	78	99.8	1.4	0.04	0.000*	---	1.91	0.022
3059	18685	68105	50	161.7	161.7	1.4	0.04	0.000*	---	3	0.524
3060	18686	68105	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.129
3061	18688	68105	50	248.1	225.6	1.4	0.04	0.000*	---	4.08	2.812
3062	18689	68105	50	397.8	336.4	1.4	0.04	0.000*	---	5.83	12.559
3063	18690	68105	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
3064	18693	68105	50	209.2	196.8	1.4	0.04	0.000*	---	3.6	1.485
3065	18714	68105	50	392.1	332.2	1.4	0.04	0.000*	---	5.77	12.08
3066	18728	68105	50	263.9	237.3	1.4	0.04	0.000*	---	4.27	3.505
3067	18730	68105	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.629
3068	18735	68105	50	351.9	302.4	1.4	0.04	0.000*	---	5.31	8.881
3069	18736	68105	50	272.4	243.6	1.4	0.04	0.000*	---	4.37	3.913
3070	18737	68105	50	159.6	160.1	1.4	0.04	0.000*	---	2.98	0.496
3071	18740	68105	50	221	205.6	1.4	0.04	0.000*	---	3.75	1.833
3072	18741	68105	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.44
3073	18743	68105	50	186	179.6	1.4	0.04	0.000*	---	3.31	0.932
3074	18745	68105	50	339.5	293.2	1.4	0.04	0.000*	---	5.16	7.977
3075	18747	68105	50	267.8	240.2	1.4	0.04	0.000*	---	4.32	3.687
3076	18750	68105	50	340.5	294	1.4	0.04	0.000*	---	5.18	8.054
3077	18755	68105	50	215.6	201.5	1.4	0.04	0.000*	---	3.68	1.667
3078	18757	68105	50	261.4	235.5	1.4	0.04	0.000*	---	4.24	3.39
3079	18765	68105	50	372.2	317.5	1.4	0.04	0.000*	---	5.54	10.452
3080	18770	68105	50	489.6	404.3	1.4	0.04	0.000*	---	6.85	21.022
3081	18773	68105	50	239.5	219.2	1.4	0.04	0.000*	---	3.97	2.474
3082	18777	68105	50	215	201.1	1.4	0.04	0.000*	---	3.67	1.65
3083	18778	68105	50	137.2	143.5	1.4	0.04	0.000*	---	2.69	0.26
3084	18782	68105	50	137.9	144	1.4	0.04	0.000*	---	2.7	0.265
3085	18785	68105	50	558.8	455.5	1.4	0.04	0.000*	---	7.59	27.835
3086	18787	68105	50	165.2	164.2	1.4	0.04	0.000*	---	3.05	0.572
3087	18789	68105	50	272.5	243.6	1.4	0.04	0.000*	---	4.37	3.915
3088	18797	68105	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
3089	18801	68105	50	194.5	185.9	1.4	0.04	0.000*	---	3.42	1.114
3090	18804	68105	50	130.6	138.7	1.4	0.04	0.000*	---	2.6	0.21
3091	18806	68105	50	227.1	210.1	1.4	0.04	0.000*	---	3.82	2.03
3092	18810	68105	50	204.4	193.3	1.4	0.04	0.000*	---	3.54	1.355
3093	18812	68105	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
3094	18813	68105	50	365.3	312.3	1.4	0.04	0.000*	---	5.46	9.903
3095	18817	68105	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
3096	18820	68105	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.07
3097	18823	68105	50	507.1	417.3	1.4	0.04	0.000*	---	7.04	22.73
3098	18824	68105	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
3099	18825	68105	50	352.5	302.9	1.4	0.04	0.000*	---	5.31	8.93
3100	18827	68105	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.444
3101	18828	68105	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.262
3102	18831	68105	50	680.5	545.5	1.4	0.04	0.000*	---	8.83	39.566
3103	18835	68105	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
3104	18839	68105	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.995
3105	18850	68105	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.014
3106	18853	68105	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.507
3107	18856	68105	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.332
3108	18857	68105	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
3109	18861	68105	50	151.3	153.9	1.4	0.04	0.000*	---	2.87	0.395
3110	18863	68105	50	116.5	128.2	1.4	0.04	0.000*	---	2.42	0.127

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3111	18866	68105	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
3112	18868	68105	50	260.2	234.6	1.4	0.04	0.000*	---	4.22	3.335
3113	18869	68105	50	402.5	339.8	1.4	0.04	0.000*	---	5.88	12.96
3114	18871	68105	50	395.6	334.8	1.4	0.04	0.000*	---	5.81	12.376
3115	18874	68105	50	124.8	134.4	1.4	0.04	0.000*	---	2.53	0.172
3116	18877	68105	50	153.6	155.6	1.4	0.04	0.000*	---	2.9	0.421
3117	18881	68105	50	124.8	134.4	1.4	0.04	0.000*	---	2.53	0.172
3118	18882	68105	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.798
3119	18883	68105	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.05
3120	18884	68105	50	263.5	237	1.4	0.04	0.000*	---	4.26	3.485
3121	18888	68105	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
3122	18891	68105	50	249.3	226.5	1.4	0.04	0.000*	---	4.09	2.862
3123	18894	68105	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.574
3124	18897	68105	50	272.9	243.9	1.4	0.04	0.000*	---	4.38	3.935
3125	18898	68105	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.277
3126	18900	68105	50	185.2	179.1	1.4	0.04	0.000*	---	3.3	0.916
3127	18901	68105	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
3128	18904	68105	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.045
3129	18905	68105	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
3130	18906	68105	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.261
3131	18908	68105	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.449
3132	18909	68105	50	389.9	330.5	1.4	0.04	0.000*	---	5.74	11.895
3133	18910	68105	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
3134	18912	68105	50	270.7	242.3	1.4	0.04	0.000*	---	4.35	3.829
3135	18913	68105	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.331
3136	18915	68105	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
3137	18916	68105	50	137.9	144	1.4	0.04	0.000*	---	2.7	0.265
3138	18917	68105	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.597
3139	18918	68105	50	124.2	133.9	1.4	0.04	0.000*	---	2.52	0.168
3140	18919	68105	50	386.1	327.7	1.4	0.04	0.000*	---	5.7	11.578
3141	18920	68105	50	180.6	175.6	1.4	0.04	0.000*	---	3.24	0.826
3142	18921	68105	50	137.2	143.5	1.4	0.04	0.000*	---	2.69	0.26
3143	18925	68105	50	111	124.1	1.4	0.04	0.000*	---	2.35	0.103
3144	18927	68105	50	249.6	226.7	1.4	0.04	0.000*	---	4.1	2.874
3145	18928	68105	50	275.3	245.7	1.4	0.04	0.000*	---	4.41	4.055
3146	18929	68105	50	164.6	163.8	1.4	0.04	0.000*	---	3.04	0.564
3147	18930	68105	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.458
3148	18931	68105	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.592
3149	18934	68105	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.379
3150	18935	68105	50	269.1	241.1	1.4	0.04	0.000*	---	4.33	3.749
3151	18948	68105	50	64.8	90	1.4	0.04	0.000*	---	1.74	0.01
3152	18949	68105	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.075
3153	18954	68105	50	483.8	400	1.4	0.04	0.000*	---	6.78	20.455
3154	18963	68105	50	334.5	289.6	1.4	0.04	0.000*	---	5.11	7.632
3155	18964	68105	50	428.2	358.9	1.4	0.04	0.000*	---	6.17	15.234
3156	18966	68105	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
3157	18969	68105	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.921
3158	18980	68105	50	543.5	444.2	1.4	0.04	0.000*	---	7.42	26.318
3159	18983	68105	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.151
3160	18993	68105	50	234.1	215.3	1.4	0.04	0.000*	---	3.91	2.274
3161	18996	68105	50	124.9	134.4	1.4	0.04	0.000*	---	2.53	0.172
3162	18997	68105	50	194.5	185.9	1.4	0.04	0.000*	---	3.42	1.114
3163	18999	68105	50	456.8	380	1.4	0.04	0.000*	---	6.49	17.878
3164	19000	68105	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
3165	19001	68105	50	186.8	180.2	1.4	0.04	0.000*	---	3.32	0.947
3166	19004	68105	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
3167	19009	68105	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
3168	19014	68105	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
3169	19015	68105	50	349	300.2	1.4	0.04	0.000*	---	5.27	8.666
3170	19016	68105	50	230.3	212.4	1.4	0.04	0.000*	---	3.86	2.141
3171	19020	68105	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3172	19024	68105	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.395
3173	19025	68105	50	191	183.3	1.4	0.04	0.000*	---	3.37	1.035
3174	19028	68105	50	321.3	279.8	1.4	0.04	0.000*	---	4.95	6.738
3175	19031	68105	50	214.7	200.9	1.4	0.04	0.000*	---	3.67	1.641
3176	19034	68105	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
3177	19035	68105	50	257.5	232.6	1.4	0.04	0.000*	---	4.19	3.212
3178	19036	68105	50	159.5	160	1.4	0.04	0.000*	---	2.97	0.494
3179	19037	68105	50	659.9	530.4	1.4	0.04	0.000*	---	8.63	37.651
3180	19039	68105	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
3181	19042	68105	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.658
3182	19046	68105	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.363
3183	19047	68105	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.292
3184	19049	68105	50	443.4	370.1	1.4	0.04	0.000*	---	6.34	16.629
3185	19052	68105	50	120.3	131	1.4	0.04	0.000*	---	2.47	0.146
3186	19053	68105	50	376	320.3	1.4	0.04	0.000*	---	5.58	10.756
3187	19055	68105	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
3188	19057	68105	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.978
3189	19060	68105	50	338.2	292.3	1.4	0.04	0.000*	---	5.15	7.892
3190	19062	68105	50	205.2	193.9	1.4	0.04	0.000*	---	3.55	1.377
3191	19068	68105	50	259	233.6	1.4	0.04	0.000*	---	4.21	3.278
3192	19075	68105	50	152.2	154.7	1.4	0.04	0.000*	---	2.88	0.406
3193	19080	68105	50	271.9	243.2	1.4	0.04	0.000*	---	4.36	3.887
3194	19081	68105	50	204.9	193.6	1.4	0.04	0.000*	---	3.55	1.368
3195	19083	68105	50	170.1	167.9	1.4	0.04	0.000*	---	3.11	0.646
3196	19101	68105	50	87	106.4	1.4	0.04	0.000*	---	2.03	0.035
3197	19102	68105	50	395.7	334.8	1.4	0.04	0.000*	---	5.81	12.381
3198	19106	68105	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
3199	19107	68105	50	434.8	363.8	1.4	0.04	0.000*	---	6.25	15.836
3200	19108	68105	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.591
3201	19109	68105	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
3202	19110	68105	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
3203	19112	68105	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.292
3204	19113	68105	50	85.1	104.9	1.4	0.04	0.000*	---	2.01	0.032
3205	19114	68105	50	442.8	369.6	1.4	0.04	0.000*	---	6.33	16.568
3206	19118	68105	50	147.7	151.3	1.4	0.04	0.000*	---	2.82	0.357
3207	19124	68105	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227
3208	19127	68105	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.292
3209	19128	68105	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
3210	19129	68105	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
3211	19131	68105	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
3212	19134	68105	50	312.9	273.5	1.4	0.04	0.000*	---	4.85	6.193
3213	19137	68105	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.467
3214	19142	68105	50	359.6	308.1	1.4	0.04	0.000*	---	5.4	9.465
3215	19143	68105	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
3216	19145	68105	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.337
3217	19146	68105	50	157.8	158.8	1.4	0.04	0.000*	---	2.95	0.472
3218	19147	68105	50	179.5	174.9	1.4	0.04	0.000*	---	3.23	0.807
3219	19148	68105	50	290.6	257	1.4	0.04	0.000*	---	4.59	4.869
3220	19149	68105	50	380.7	323.7	1.4	0.04	0.000*	---	5.64	11.131
3221	19152	68105	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
3222	19160	68105	50	1023.9	799.7	1.4	0.04	0.000*	---	12.03	65.292
3223	19163	68105	50	215.3	201.3	1.4	0.04	0.000*	---	3.67	1.657
3224	19165	68105	50	478.5	396.1	1.4	0.04	0.000*	---	6.73	19.944
3225	19168	68105	50	119	130.1	1.4	0.04	0.000*	---	2.45	0.14
3226	19169	68105	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.37
3227	19172	68105	50	250.6	227.4	1.4	0.04	0.000*	---	4.11	2.914
3228	19174	68105	50	263.3	236.8	1.4	0.04	0.000*	---	4.26	3.475
3229	19176	68105	50	254.1	230	1.4	0.04	0.000*	---	4.15	3.064
3230	19177	68105	50	393.9	333.5	1.4	0.04	0.000*	---	5.79	12.232
3231	19178	68105	50	318.3	277.5	1.4	0.04	0.000*	---	4.92	6.538
3232	19180	68105	50	216.3	202	1.4	0.04	0.000*	---	3.69	1.686

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3233	19181	68105	50	243.9	222.5	1.4	0.04	0.000*	---	4.03	2.645
3234	19184	68105	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.078
3235	19186	68105	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.452
3236	19189	68105	50	158.3	159.1	1.4	0.04	0.000*	---	2.96	0.478
3237	19202	68105	50	384.7	326.7	1.4	0.04	0.000*	---	5.68	11.462
3238	19204	68105	50	190.8	183.2	1.4	0.04	0.000*	---	3.37	1.031
3239	19217	68105	50	400.8	338.6	1.4	0.04	0.000*	---	5.87	12.819
3240	19219	68105	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
3241	19220	68105	50	313.8	274.2	1.4	0.04	0.000*	---	4.86	6.254
3242	19222	68105	50	151.4	154.1	1.4	0.04	0.000*	---	2.87	0.397
3243	19225	68105	50	150	153	1.4	0.04	0.000*	---	2.85	0.381
3244	19226	68105	50	249.8	226.9	1.4	0.04	0.000*	---	4.1	2.882
3245	19227	68105	50	394.1	333.6	1.4	0.04	0.000*	---	5.79	12.247
3246	19228	68105	50	182	176.7	1.4	0.04	0.000*	---	3.26	0.853
3247	19229	68105	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.2
3248	19233	68105	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
3249	19234	68105	50	135.7	142.4	1.4	0.04	0.000*	---	2.67	0.248
3250	19237	68105	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.786
3251	19240	68105	50	254.9	230.6	1.4	0.04	0.000*	---	4.16	3.097
3252	19246	68105	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
3253	19248	68105	50	254	230	1.4	0.04	0.000*	---	4.15	3.062
3254	19250	68105	50	146.8	150.7	1.4	0.04	0.000*	---	2.81	0.348
3255	19259	68105	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
3256	19261	68105	50	139.4	145.2	1.4	0.04	0.000*	---	2.72	0.278
3257	19266	68105	50	92.8	110.7	1.4	0.04	0.000*	---	2.11	0.047
3258	19267	68105	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.128
3259	19271	68105	50	177.6	173.4	1.4	0.04	0.000*	---	3.2	0.772
3260	19275	68105	50	394.6	334	1.4	0.04	0.000*	---	5.8	12.287
3261	19284	68105	50	333	288.4	1.4	0.04	0.000*	---	5.09	7.521
3262	19288	68105	50	305.3	267.9	1.4	0.04	0.000*	---	4.76	5.724
3263	19291	68105	50	268.7	240.8	1.4	0.04	0.000*	---	4.33	3.73
3264	19295	68105	50	252.7	229	1.4	0.04	0.000*	---	4.13	3.003
3265	19296	68105	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.235
3266	19297	68105	50	695.5	556.7	1.4	0.04	0.000*	---	8.98	40.951
3267	19298	68105	50	191.6	183.8	1.4	0.04	0.000*	---	3.38	1.048
3268	19300	68105	50	346.1	298.1	1.4	0.04	0.000*	---	5.24	8.457
3269	19305	68105	50	267.6	240.1	1.4	0.04	0.000*	---	4.31	3.679
3270	19307	68105	50	385.2	327.1	1.4	0.04	0.000*	---	5.69	11.507
3271	19309	68105	50	343.6	296.3	1.4	0.04	0.000*	---	5.21	8.274
3272	19310	68105	50	398.9	337.1	1.4	0.04	0.000*	---	5.84	12.651
3273	19311	68105	50	217.4	202.9	1.4	0.04	0.000*	---	3.7	1.719
3274	19316	68105	50	374.4	319.1	1.4	0.04	0.000*	---	5.57	10.627
3275	19317	68105	50	267.7	240.1	1.4	0.04	0.000*	---	4.31	3.681
3276	19320	68105	50	276.4	246.5	1.4	0.04	0.000*	---	4.42	4.112
3277	19321	68105	50	334.1	289.2	1.4	0.04	0.000*	---	5.1	7.602
3278	19322	68105	50	228	210.8	1.4	0.04	0.000*	---	3.83	2.062
3279	19323	68105	50	96.2	113.2	1.4	0.04	0.000*	---	2.15	0.055
3280	19324	68105	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.166
3281	19325	68105	50	733	584.4	1.4	0.04	0.000*	---	9.35	44.306
3282	19326	68105	50	337.2	291.5	1.4	0.04	0.000*	---	5.14	7.818
3283	19327	68105	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.541
3284	19328	68105	50	149.1	152.3	1.4	0.04	0.000*	---	2.84	0.371
3285	19332	68105	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
3286	19333	68105	50	114	126.4	1.4	0.04	0.000*	---	2.39	0.116
3287	19334	68105	50	822.4	650.5	1.4	0.04	0.000*	---	10.21	51.722
3288	19336	68105	50	236.7	217.2	1.4	0.04	0.000*	---	3.94	2.369
3289	19337	68105	50	360.5	308.8	1.4	0.04	0.000*	---	5.41	9.532
3290	19338	68105	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
3291	19339	68105	50	152.4	154.8	1.4	0.04	0.000*	---	2.88	0.407
3292	19340	68105	50	277.2	247.1	1.4	0.04	0.000*	---	4.43	4.152
3293	19342	68105	50	311.4	272.4	1.4	0.04	0.000*	---	4.83	6.099

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3294	19344	68105	50	264.9	238	1.4	0.04	0.000*	---	4.28	3.551
3295	19345	68105	50	286.5	254	1.4	0.04	0.000*	---	4.54	4.644
3296	19346	68105	50	513	421.6	1.4	0.04	0.000*	---	7.1	23.306
3297	19348	68105	50	353.8	303.8	1.4	0.04	0.000*	---	5.33	9.022
3298	19352	68105	50	414.6	348.8	1.4	0.04	0.000*	---	6.02	14.015
3299	19353	68105	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.823
3300	19356	68105	50	438.6	366.6	1.4	0.04	0.000*	---	6.29	16.185
3301	19359	68105	50	100.6	116.4	1.4	0.04	0.000*	---	2.21	0.066
3302	19364	68105	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
3303	19365	68105	50	238.3	218.3	1.4	0.04	0.000*	---	3.96	2.428
3304	19366	68105	50	151.3	153.9	1.4	0.04	0.000*	---	2.87	0.395
3305	19368	68105	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
3306	19370	68105	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
3307	19372	68105	50	202.6	191.9	1.4	0.04	0.000*	---	3.52	1.31
3308	19377	68105	50	220	204.8	1.4	0.04	0.000*	---	3.73	1.8
3309	19378	68105	50	244.1	222.6	1.4	0.04	0.000*	---	4.03	2.649
3310	19380	68105	50	354.4	304.2	1.4	0.04	0.000*	---	5.34	9.069
3311	19384	68105	50	98.4	114.8	1.4	0.04	0.000*	---	2.18	0.06
3312	19393	68105	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.048
3313	19403	68105	50	59.2	85.8	1.4	0.04	0.000*	---	1.66	0.007
3314	19405	68105	50	437.7	365.9	1.4	0.04	0.000*	---	6.28	16.098
3315	19412	68105	50	328	284.7	1.4	0.04	0.000*	---	5.03	7.184
3316	19413	68105	50	257.1	232.3	1.4	0.04	0.000*	---	4.19	3.196
3317	19418	68105	50	300.6	264.4	1.4	0.04	0.000*	---	4.71	5.442
3318	19420	68105	50	262.6	236.3	1.4	0.04	0.000*	---	4.25	3.443
3319	19421	68105	50	411.4	346.4	1.4	0.04	0.000*	---	5.99	13.738
3320	19422	68105	50	291.2	257.5	1.4	0.04	0.000*	---	4.6	4.904
3321	19423	68105	50	390	330.6	1.4	0.04	0.000*	---	5.74	11.899
3322	19424	68105	50	624.4	504	1.4	0.04	0.000*	---	8.27	34.259
3323	19425	68105	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.731
3324	19427	68105	50	197.6	188.3	1.4	0.04	0.000*	---	3.45	1.187
3325	19428	68105	50	164.3	163.6	1.4	0.04	0.000*	---	3.03	0.559
3326	19431	68105	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.336
3327	19433	68105	50	182.9	177.4	1.4	0.04	0.000*	---	3.27	0.871
3328	19434	68105	50	194.4	185.9	1.4	0.04	0.000*	---	3.42	1.113
3329	19435	68105	50	117.1	128.7	1.4	0.04	0.000*	---	2.43	0.13
3330	19436	68105	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
3331	19438	68105	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.843
3332	19439	68105	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
3333	19441	68105	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575
3334	19442	68105	50	239	218.9	1.4	0.04	0.000*	---	3.97	2.454
3335	19445	68105	50	199.5	189.6	1.4	0.04	0.000*	---	3.48	1.233
3336	19446	68105	50	397.7	336.3	1.4	0.04	0.000*	---	5.83	12.552
3337	19447	68105	50	230.6	212.7	1.4	0.04	0.000*	---	3.86	2.151
3338	19448	68105	50	161.8	161.8	1.4	0.04	0.000*	---	3	0.525
3339	19451	68105	50	572.6	465.7	1.4	0.04	0.000*	---	7.73	29.197
3340	19452	68105	50	260.2	234.6	1.4	0.04	0.000*	---	4.22	3.334
3341	19453	68105	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.209
3342	19454	68105	50	231.4	213.2	1.4	0.04	0.000*	---	3.87	2.177
3343	19457	68105	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
3344	19458	68105	50	474.5	393.1	1.4	0.04	0.000*	---	6.68	19.558
3345	19461	68105	50	266.7	239.4	1.4	0.04	0.000*	---	4.3	3.636
3346	19463	68105	50	459.4	381.9	1.4	0.04	0.000*	---	6.52	18.121
3347	19469	68105	50	205.5	194.1	1.4	0.04	0.000*	---	3.55	1.385
3348	19471	68105	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.586
3349	19476	68105	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.346
3350	19481	68105	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.928
3351	19482	68105	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.782
3352	19483	68105	50	553.6	451.7	1.4	0.04	0.000*	---	7.53	27.32
3353	19484	68105	50	88.2	107.3	1.4	0.04	0.000*	---	2.05	0.037
3354	19485	68105	50	334.6	289.6	1.4	0.04	0.000*	---	5.11	7.64

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3355	19486	68105	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.823
3356	19488	68105	50	169.9	167.8	1.4	0.04	0.000*	---	3.11	0.644
3357	19489	68105	50	399.5	337.6	1.4	0.04	0.000*	---	5.85	12.704
3358	19491	68105	50	118.3	129.6	1.4	0.04	0.000*	---	2.44	0.136
3359	19492	68105	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
3360	19495	68105	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.787
3361	19496	68105	50	139.1	144.9	1.4	0.04	0.000*	---	2.71	0.276
3362	19497	68105	50	389.7	330.3	1.4	0.04	0.000*	---	5.74	11.874
3363	19499	68105	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
3364	19500	68105	50	251.8	228.3	1.4	0.04	0.000*	---	4.12	2.964
3365	19501	68105	50	166.3	165.1	1.4	0.04	0.000*	---	3.06	0.589
3366	19502	68105	50	188.1	181.2	1.4	0.04	0.000*	---	3.34	0.975
3367	19504	68105	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.803
3368	19505	68105	50	181.1	176	1.4	0.04	0.000*	---	3.25	0.835
3369	19507	68105	50	312.8	273.5	1.4	0.04	0.000*	---	4.85	6.187
3370	19508	68105	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.524
3371	19510	68105	50	545.8	445.9	1.4	0.04	0.000*	---	7.45	26.546
3372	19511	68105	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.524
3373	19517	68105	50	557.5	454.6	1.4	0.04	0.000*	---	7.57	27.704
3374	19518	68105	50	452.2	376.6	1.4	0.04	0.000*	---	6.44	17.449
3375	19524	68105	50	406.4	342.7	1.4	0.04	0.000*	---	5.93	13.299
3376	19527	68105	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.102
3377	19528	68105	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.167
3378	19529	68105	50	294.6	260	1.4	0.04	0.000*	---	4.64	5.097
3379	19530	68105	50	248.7	226.1	1.4	0.04	0.000*	---	4.08	2.839
3380	19532	68105	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.794
3381	19534	68105	50	518.8	426	1.4	0.04	0.000*	---	7.16	23.883
3382	19538	68105	50	489.8	404.5	1.4	0.04	0.000*	---	6.85	21.041
3383	19540	68105	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.291
3384	19551	68105	50	229.6	211.9	1.4	0.04	0.000*	---	3.85	2.116
3385	19552	68105	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
3386	19555	68105	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.348
3387	19556	68105	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.395
3388	19559	68105	50	424	355.8	1.4	0.04	0.000*	---	6.13	14.857
3389	19561	68105	50	231.7	213.4	1.4	0.04	0.000*	---	3.88	2.188
3390	19567	68105	50	322.5	280.7	1.4	0.04	0.000*	---	4.97	6.817
3391	19569	68105	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.018
3392	19572	68105	50	278.7	248.3	1.4	0.04	0.000*	---	4.45	4.232
3393	19577	68105	50	391.8	332	1.4	0.04	0.000*	---	5.76	12.057
3394	19578	68105	50	148	151.5	1.4	0.04	0.000*	---	2.83	0.36
3395	19580	68105	50	316.6	276.3	1.4	0.04	0.000*	---	4.9	6.433
3396	19583	68105	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
3397	19585	68105	50	126.4	135.5	1.4	0.04	0.000*	---	2.55	0.182
3398	19587	68105	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
3399	19588	68105	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064
3400	19589	68105	50	139.4	145.2	1.4	0.04	0.000*	---	2.72	0.278
3401	19591	68105	50	597	483.8	1.4	0.04	0.000*	---	7.98	31.592
3402	19592	68105	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.266
3403	19593	68105	50	373.9	318.7	1.4	0.04	0.000*	---	5.56	10.582
3404	19594	68105	50	161.5	161.5	1.4	0.04	0.000*	---	3	0.52
3405	19599	68105	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
3406	19601	68105	50	282.7	251.2	1.4	0.04	0.000*	---	4.49	4.441
3407	19602	68105	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.04
3408	19604	68105	50	367.7	314.1	1.4	0.04	0.000*	---	5.49	10.093
3409	19605	68105	50	315.1	275.2	1.4	0.04	0.000*	---	4.88	6.337
3410	19606	68105	50	207.7	195.7	1.4	0.04	0.000*	---	3.58	1.442
3411	19607	68105	50	307	269.2	1.4	0.04	0.000*	---	4.78	5.828
3412	19608	68105	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.222
3413	19609	68105	50	480.9	397.9	1.4	0.04	0.000*	---	6.75	20.179
3414	19611	68105	50	336.8	291.2	1.4	0.04	0.000*	---	5.13	7.789
3415	19612	68105	50	184.5	178.5	1.4	0.04	0.000*	---	3.29	0.902

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3416	19613	68105	50	325.4	282.8	1.4	0.04	0.000*	---	5	7.009
3417	19614	68105	50	814.4	644.7	1.4	0.04	0.000*	---	10.13	51.098
3418	19615	68105	50	260.5	234.7	1.4	0.04	0.000*	---	4.23	3.345
3419	19616	68105	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.773
3420	19619	68105	50	153.1	155.3	1.4	0.04	0.000*	---	2.89	0.415
3421	19620	68105	50	571.9	465.2	1.4	0.04	0.000*	---	7.72	29.122
3422	19625	68105	50	111.4	124.4	1.4	0.04	0.000*	---	2.35	0.104
3423	19626	68105	50	461.1	383.3	1.4	0.04	0.000*	---	6.54	18.29
3424	19629	68105	50	133.8	141	1.4	0.04	0.000*	---	2.64	0.233
3425	19635	68105	50	367.9	314.2	1.4	0.04	0.000*	---	5.49	10.105
3426	19636	68105	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.433
3427	19641	68105	50	294.5	259.9	1.4	0.04	0.000*	---	4.63	5.088
3428	19648	68105	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.741
3429	19655	68105	50	418.1	351.4	1.4	0.04	0.000*	---	6.06	14.327
3430	19657	68105	50	384.2	326.3	1.4	0.04	0.000*	---	5.68	11.424
3431	19658	68105	50	370.5	316.2	1.4	0.04	0.000*	---	5.52	10.313
3432	19659	68105	50	323	281	1.4	0.04	0.000*	---	4.97	6.845
3433	19664	68105	50	426.5	357.6	1.4	0.04	0.000*	---	6.15	15.085
3434	19666	68105	50	421.4	353.8	1.4	0.04	0.000*	---	6.1	14.621
3435	19669	68105	50	323.6	281.5	1.4	0.04	0.000*	---	4.98	6.89
3436	19670	68105	50	215.6	201.6	1.4	0.04	0.000*	---	3.68	1.668
3437	19671	68105	50	327.3	284.2	1.4	0.04	0.000*	---	5.02	7.138
3438	19676	68105	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.708
3439	19677	68105	50	293.6	259.3	1.4	0.04	0.000*	---	4.62	5.041
3440	19678	68105	50	238.8	218.7	1.4	0.04	0.000*	---	3.96	2.446
3441	19682	68105	50	470	389.8	1.4	0.04	0.000*	---	6.63	19.129
3442	19686	68105	50	274.4	245.1	1.4	0.04	0.000*	---	4.39	4.01
3443	19688	68105	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.388
3444	19690	68105	50	114.4	126.7	1.4	0.04	0.000*	---	2.39	0.117
3445	19691	68105	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.954
3446	19692	68105	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.148
3447	19693	68105	50	463.4	384.9	1.4	0.04	0.000*	---	6.56	18.502
3448	19696	68105	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
3449	19697	68105	50	126.1	135.3	1.4	0.04	0.000*	---	2.55	0.18
3450	19700	68105	50	149.5	152.6	1.4	0.04	0.000*	---	2.85	0.375
3451	19702	68105	50	550.9	449.7	1.4	0.04	0.000*	---	7.5	27.05
3452	19705	68105	50	537.4	439.7	1.4	0.04	0.000*	---	7.36	25.712
3453	19708	68105	50	385.5	327.2	1.4	0.04	0.000*	---	5.69	11.525
3454	19710	68105	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.742
3455	19711	68105	50	218.2	203.5	1.4	0.04	0.000*	---	3.71	1.745
3456	19716	68105	50	277.9	247.6	1.4	0.04	0.000*	---	4.44	4.187
3457	19717	68105	50	214.4	200.6	1.4	0.04	0.000*	---	3.66	1.631
3458	19718	68105	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.805
3459	19720	68105	50	469.1	389.1	1.4	0.04	0.000*	---	6.62	19.047
3460	19721	68105	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49
3461	19722	68105	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.585
3462	19725	68105	50	98.3	114.7	1.4	0.04	0.000*	---	2.18	0.06
3463	19726	68105	50	273.6	244.5	1.4	0.04	0.000*	---	4.38	3.971
3464	19728	68105	50	82.6	103.1	1.4	0.04	0.000*	---	1.98	0.028
3465	19729	68105	50	307.6	269.6	1.4	0.04	0.000*	---	4.79	5.866
3466	19730	68105	50	345.5	297.7	1.4	0.04	0.000*	---	5.23	8.412
3467	19733	68105	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.097
3468	19735	68105	50	162.1	162	1.4	0.04	0.000*	---	3.01	0.529
3469	19737	68105	50	368.2	314.5	1.4	0.04	0.000*	---	5.5	10.135
3470	19738	68105	50	383.1	325.5	1.4	0.04	0.000*	---	5.66	11.331
3471	19739	68105	50	350.9	301.6	1.4	0.04	0.000*	---	5.3	8.808
3472	19740	68105	50	260.5	234.8	1.4	0.04	0.000*	---	4.23	3.349
3473	19741	68105	50	220.7	205.3	1.4	0.04	0.000*	---	3.74	1.823
3474	19742	68105	50	264.5	237.8	1.4	0.04	0.000*	---	4.28	3.532
3475	19743	68105	50	176	172.2	1.4	0.04	0.000*	---	3.18	0.744
3476	19745	68105	50	313.6	274.1	1.4	0.04	0.000*	---	4.86	6.239

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3477	19746	68105	50	343.3	296.1	1.4	0.04	0.000*	---	5.21	8.256
3478	19747	68105	50	259.4	234	1.4	0.04	0.000*	---	4.21	3.299
3479	19749	68105	50	292	258.1	1.4	0.04	0.000*	---	4.61	4.95
3480	19751	68105	50	177.9	173.6	1.4	0.04	0.000*	---	3.21	0.776
3481	19753	68105	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
3482	19755	68105	50	263.4	236.9	1.4	0.04	0.000*	---	4.26	3.478
3483	19759	68105	50	259.7	234.2	1.4	0.04	0.000*	---	4.22	3.31
3484	19762	68105	50	566.5	461.2	1.4	0.04	0.000*	---	7.67	28.595
3485	19764	68105	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
3486	19768	68105	50	315.3	275.3	1.4	0.04	0.000*	---	4.88	6.345
3487	19773	68105	50	679	544.4	1.4	0.04	0.000*	---	8.82	39.428
3488	19775	68105	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.729
3489	19776	68105	50	772.9	614	1.4	0.04	0.000*	---	9.73	47.721
3490	19779	68105	50	675.9	542.2	1.4	0.04	0.000*	---	8.79	39.145
3491	19784	68105	50	261.2	235.3	1.4	0.04	0.000*	---	4.24	3.379
3492	19786	68105	50	440.4	367.9	1.4	0.04	0.000*	---	6.31	16.353
3493	19787	68105	50	1145.8	889.9	1.4	0.04	0.000*	---	13.07	71.552
3494	19790	68105	50	360.2	308.6	1.4	0.04	0.000*	---	5.4	9.514
3495	19791	68105	50	388.3	329.4	1.4	0.04	0.000*	---	5.72	11.764
3496	19795	68105	50	380.2	323.3	1.4	0.04	0.000*	---	5.63	11.092
3497	19796	68105	50	480.5	397.5	1.4	0.04	0.000*	---	6.75	20.135
3498	19797	68105	50	156	157.5	1.4	0.04	0.000*	---	2.93	0.45
3499	19800	68105	50	257.2	232.3	1.4	0.04	0.000*	---	4.19	3.198
3500	19801	68105	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.24
3501	19802	68105	50	246.3	224.2	1.4	0.04	0.000*	---	4.05	2.738
3502	19804	68105	50	361.1	309.2	1.4	0.04	0.000*	---	5.41	9.581
3503	19806	68105	50	350.1	301.1	1.4	0.04	0.000*	---	5.29	8.749
3504	19807	68105	50	160	160.4	1.4	0.04	0.000*	---	2.98	0.5
3505	19812	68105	50	327.1	284	1.4	0.04	0.000*	---	5.02	7.119
3506	19814	68105	50	242.2	221.2	1.4	0.04	0.000*	---	4	2.576
3507	19818	68105	50	338.5	292.5	1.4	0.04	0.000*	---	5.15	7.909
3508	19819	68105	50	280.9	249.9	1.4	0.04	0.000*	---	4.47	4.345
3509	19821	68105	50	216.6	202.3	1.4	0.04	0.000*	---	3.69	1.695
3510	19822	68105	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.109
3511	19823	68105	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.599
3512	19827	68105	50	220.5	205.1	1.4	0.04	0.000*	---	3.74	1.815
3513	19829	68105	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.994
3514	19831	68105	50	139.1	144.9	1.4	0.04	0.000*	---	2.71	0.275
3515	19832	68105	50	294.5	259.9	1.4	0.04	0.000*	---	4.63	5.087
3516	19833	68105	50	268.2	240.5	1.4	0.04	0.000*	---	4.32	3.706
3517	19837	68105	50	171.2	168.7	1.4	0.04	0.000*	---	3.12	0.663
3518	19839	68105	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.039
3519	19841	68105	50	99.7	115.8	1.4	0.04	0.000*	---	2.2	0.064
3520	19842	68105	50	280.6	249.6	1.4	0.04	0.000*	---	4.47	4.328
3521	19844	68105	50	177.4	173.3	1.4	0.04	0.000*	---	3.2	0.768
3522	19846	68105	50	226.5	209.6	1.4	0.04	0.000*	---	3.81	2.01
3523	19848	68105	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.558
3524	19849	68105	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.951
3525	19854	68105	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.221
3526	19855	68105	50	187.2	180.5	1.4	0.04	0.000*	---	3.32	0.956
3527	19857	68105	50	232.7	214.2	1.4	0.04	0.000*	---	3.89	2.222
3528	19858	68105	50	496.8	409.6	1.4	0.04	0.000*	---	6.93	21.717
3529	19859	68105	50	553.6	451.6	1.4	0.04	0.000*	---	7.53	27.315
3530	19860	68105	50	430.9	360.8	1.4	0.04	0.000*	---	6.2	15.477
3531	19861	68105	50	247.5	225.1	1.4	0.04	0.000*	---	4.07	2.788
3532	19863	68105	50	119.1	130.2	1.4	0.04	0.000*	---	2.45	0.14
3533	19864	68105	50	272.5	243.7	1.4	0.04	0.000*	---	4.37	3.918
3534	19866	68105	50	305.8	268.3	1.4	0.04	0.000*	---	4.77	5.755
3535	19869	68105	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.738
3536	19871	68105	50	236.1	216.7	1.4	0.04	0.000*	---	3.93	2.347
3537	19873	68105	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.37

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3538	19878	68105	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
3539	19881	68105	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
3540	19887	68105	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.551
3541	19888	68105	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
3542	19889	68105	50	315.6	275.5	1.4	0.04	0.000*	---	4.88	6.364
3543	19890	68105	50	332.4	288	1.4	0.04	0.000*	---	5.08	7.481
3544	19893	68105	50	784.1	622.2	1.4	0.04	0.000*	---	9.84	48.649
3545	19895	68105	50	197.7	188.3	1.4	0.04	0.000*	---	3.46	1.188
3546	19899	68105	50	238.6	218.5	1.4	0.04	0.000*	---	3.96	2.438
3547	19900	68105	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.202
3548	19901	68105	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.461
3549	19913	68105	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.473
3550	19914	68105	50	320.7	279.3	1.4	0.04	0.000*	---	4.94	6.694
3551	19915	68105	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.845
3552	19918	68105	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.72
3553	19919	68105	50	157.3	158.4	1.4	0.04	0.000*	---	2.95	0.467
3554	19923	68105	50	495.3	408.5	1.4	0.04	0.000*	---	6.91	21.574
3555	19929	68105	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.965
3556	19932	68105	50	377.1	321	1.4	0.04	0.000*	---	5.6	10.84
3557	19934	68105	50	360.5	308.7	1.4	0.04	0.000*	---	5.41	9.531
3558	19935	68105	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
3559	19938	68105	50	172.7	169.8	1.4	0.04	0.000*	---	3.14	0.687
3560	19945	68105	50	579	470.4	1.4	0.04	0.000*	---	7.8	29.821
3561	19947	68105	50	239.5	219.2	1.4	0.04	0.000*	---	3.97	2.473
3562	19954	68105	50	160.9	161	1.4	0.04	0.000*	---	2.99	0.512
3563	19955	68105	50	276.1	246.3	1.4	0.04	0.000*	---	4.42	4.098
3564	19957	68105	50	215	201.1	1.4	0.04	0.000*	---	3.67	1.649
3565	19960	68105	50	83.3	103.6	1.4	0.04	0.000*	---	1.98	0.029
3566	19961	68105	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.973
3567	19965	68105	50	535.8	438.5	1.4	0.04	0.000*	---	7.34	25.552
3568	19966	68105	50	360.5	308.8	1.4	0.04	0.000*	---	5.41	9.538
3569	19967	68105	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.998
3570	19968	68105	50	388.5	329.5	1.4	0.04	0.000*	---	5.73	11.774
3571	19972	68105	50	511.3	420.4	1.4	0.04	0.000*	---	7.08	23.142
3572	19974	68105	50	86.7	106.1	1.4	0.04	0.000*	---	2.03	0.034
3573	19975	68105	50	251.7	228.3	1.4	0.04	0.000*	---	4.12	2.961
3574	19976	68105	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.998
3575	19978	68105	50	263.2	236.8	1.4	0.04	0.000*	---	4.26	3.471
3576	19981	68105	50	472.1	391.4	1.4	0.04	0.000*	---	6.66	19.336
3577	19983	68105	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.328
3578	19984	68105	50	90.4	108.9	1.4	0.04	0.000*	---	2.08	0.042
3579	19986	68105	50	437.9	366	1.4	0.04	0.000*	---	6.28	16.117
3580	19987	68105	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
3581	19989	68105	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.184
3582	19992	68105	50	235.2	216.1	1.4	0.04	0.000*	---	3.92	2.315
3583	19993	68105	50	455.2	378.9	1.4	0.04	0.000*	---	6.47	17.73
3584	19995	68105	50	216	201.8	1.4	0.04	0.000*	---	3.68	1.678
3585	19997	68105	50	414.8	348.9	1.4	0.04	0.000*	---	6.02	14.033
3586	19999	68105	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.806
3587	20000	68105	50	526.3	431.5	1.4	0.04	0.000*	---	7.24	24.617
3588	20002	68105	50	69.2	93.2	1.4	0.04	0.000*	---	1.8	0.013
3589	20005	68105	50	99.5	115.7	1.4	0.04	0.000*	---	2.2	0.063
3590	20007	68105	50	398.7	337	1.4	0.04	0.000*	---	5.84	12.637
3591	20009	68105	50	227.8	210.6	1.4	0.04	0.000*	---	3.83	2.053
3592	20012	68105	50	527.1	432.1	1.4	0.04	0.000*	---	7.25	24.699
3593	20015	68105	50	357.7	306.7	1.4	0.04	0.000*	---	5.37	9.324
3594	20016	68105	50	380.1	323.3	1.4	0.04	0.000*	---	5.63	11.089
3595	20017	68105	50	545.9	446	1.4	0.04	0.000*	---	7.45	26.555
3596	20018	68105	50	537.6	439.8	1.4	0.04	0.000*	---	7.36	25.73
3597	20019	68105	50	531.5	435.3	1.4	0.04	0.000*	---	7.3	25.131
3598	20020	68105	50	258.3	233.1	1.4	0.04	0.000*	---	4.2	3.249

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3599	20022	68105	50	417.1	350.7	1.4	0.04	0.000*	---	6.05	14.241
3600	20023	68105	50	186	179.6	1.4	0.04	0.000*	---	3.31	0.932
3601	20027	68105	50	573	466	1.4	0.04	0.000*	---	7.73	29.233
3602	20030	68105	50	224.8	208.4	1.4	0.04	0.000*	---	3.79	1.955
3603	20031	68105	50	255.9	231.4	1.4	0.04	0.000*	---	4.17	3.143
3604	20032	68105	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.05
3605	20033	68105	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.549
3606	20034	68105	50	472	391.3	1.4	0.04	0.000*	---	6.66	19.32
3607	20035	68105	50	371.5	316.9	1.4	0.04	0.000*	---	5.53	10.391
3608	20038	68105	50	204.9	193.6	1.4	0.04	0.000*	---	3.55	1.368
3609	20041	68105	50	410.5	345.8	1.4	0.04	0.000*	---	5.97	13.658
3610	20049	68105	50	495.4	408.6	1.4	0.04	0.000*	---	6.91	21.583
3611	20050	68105	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.117
3612	20052	68105	50	162.5	162.3	1.4	0.04	0.000*	---	3.01	0.535
3613	20054	68105	50	414.6	348.8	1.4	0.04	0.000*	---	6.02	14.016
3614	20062	68105	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.926
3615	20065	68105	50	352.4	302.8	1.4	0.04	0.000*	---	5.31	8.921
3616	20066	68105	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.306
3617	20067	68105	50	221.2	205.7	1.4	0.04	0.000*	---	3.75	1.838
3618	20069	68105	50	306.8	269	1.4	0.04	0.000*	---	4.78	5.817
3619	20070	68105	50	439.1	366.9	1.4	0.04	0.000*	---	6.29	16.227
3620	20071	68105	50	195.7	186.9	1.4	0.04	0.000*	---	3.43	1.143
3621	20072	68105	50	429.7	360	1.4	0.04	0.000*	---	6.19	15.371
3622	20073	68105	50	165.6	164.6	1.4	0.04	0.000*	---	3.05	0.579
3623	20075	68105	50	57.1	84.3	1.4	0.04	0.000*	---	1.63	0.006
3624	20076	68105	50	81.7	102.5	1.4	0.04	0.000*	---	1.96	0.027
3625	20077	68105	50	370.2	315.9	1.4	0.04	0.000*	---	5.52	10.288
3626	20080	68105	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.231
3627	20085	68105	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.752
3628	20088	68105	50	128.4	137	1.4	0.04	0.000*	---	2.57	0.194
3629	20089	68105	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.912
3630	20092	68105	50	295.6	260.8	1.4	0.04	0.000*	---	4.65	5.153
3631	20094	68105	50	327.3	284.2	1.4	0.04	0.000*	---	5.02	7.133
3632	20095	68105	50	1336.4	1030.9	1.4	0.04	0.000*	---	14.61	79.004
3633	20097	68105	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.334
3634	20098	68105	50	386.2	327.8	1.4	0.04	0.000*	---	5.7	11.589
3635	20099	68105	50	149	152.3	1.4	0.04	0.000*	---	2.84	0.371
3636	20101	68105	50	534.7	437.7	1.4	0.04	0.000*	---	7.33	25.449
3637	20102	68105	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.181
3638	20105	68105	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246
3639	20108	68105	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
3640	20110	68105	50	485.4	401.2	1.4	0.04	0.000*	---	6.8	20.609
3641	20112	68105	50	440.1	367.7	1.4	0.04	0.000*	---	6.31	16.327
3642	20113	68105	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
3643	20116	68105	50	771	612.5	1.4	0.04	0.000*	---	9.72	47.563
3644	20119	68105	50	188.6	181.6	1.4	0.04	0.000*	---	3.34	0.986
3645	20120	68105	50	438.6	366.6	1.4	0.04	0.000*	---	6.29	16.186
3646	20121	68105	50	264	237.4	1.4	0.04	0.000*	---	4.27	3.51
3647	20125	68105	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
3648	20126	68105	50	326.7	283.8	1.4	0.04	0.000*	---	5.01	7.094
3649	20128	68105	50	417.8	351.2	1.4	0.04	0.000*	---	6.06	14.303
3650	20131	68105	50	141.5	146.7	1.4	0.04	0.000*	---	2.74	0.297
3651	20134	68105	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
3652	20135	68105	50	453.5	377.6	1.4	0.04	0.000*	---	6.45	17.574
3653	20138	68105	50	544.5	444.9	1.4	0.04	0.000*	---	7.43	26.411
3654	20140	68105	50	287.1	254.4	1.4	0.04	0.000*	---	4.55	4.675
3655	20141	68105	50	280.2	249.4	1.4	0.04	0.000*	---	4.46	4.31
3656	20143	68105	50	675.2	541.7	1.4	0.04	0.000*	---	8.78	39.079
3657	20147	68105	50	285.2	253	1.4	0.04	0.000*	---	4.52	4.571
3658	20150	68105	50	206.8	195	1.4	0.04	0.000*	---	3.57	1.418
3659	20152	68105	50	581	471.9	1.4	0.04	0.000*	---	7.82	30.017

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3660	20153	68105	50	280.4	249.5	1.4	0.04	0.000*	---	4.47	4.317
3661	20155	68105	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.756
3662	20156	68105	50	226.2	209.4	1.4	0.04	0.000*	---	3.81	1.999
3663	20159	68105	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
3664	20166	68105	50	289.2	256	1.4	0.04	0.000*	---	4.57	4.789
3665	20170	68105	50	380.2	323.4	1.4	0.04	0.000*	---	5.63	11.094
3666	20173	68105	50	145.6	149.8	1.4	0.04	0.000*	---	2.8	0.336
3667	20175	68105	50	443.7	370.4	1.4	0.04	0.000*	---	6.35	16.659
3668	20177	68105	50	479.1	396.5	1.4	0.04	0.000*	---	6.73	20.002
3669	20178	68105	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.899
3670	20179	68105	50	543.1	443.9	1.4	0.04	0.000*	---	7.42	26.281
3671	20184	68105	50	372.1	317.4	1.4	0.04	0.000*	---	5.54	10.445
3672	20185	68105	50	643.7	518.3	1.4	0.04	0.000*	---	8.46	36.111
3673	20190	68105	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
3674	20197	68105	50	661.1	531.2	1.4	0.04	0.000*	---	8.64	37.761
3675	20199	68105	50	435.9	364.6	1.4	0.04	0.000*	---	6.26	15.937
3676	20207	68105	50	402.7	340	1.4	0.04	0.000*	---	5.89	12.978
3677	20209	68105	50	228.5	211.1	1.4	0.04	0.000*	---	3.84	2.077
3678	20213	68105	50	583.5	473.8	1.4	0.04	0.000*	---	7.84	30.268
3679	20215	68105	50	535.2	438	1.4	0.04	0.000*	---	7.34	25.495
3680	20218	68105	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.87
3681	20223	68105	50	457.2	380.3	1.4	0.04	0.000*	---	6.49	17.915
3682	20224	68105	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.536
3683	20226	68105	50	299.8	263.8	1.4	0.04	0.000*	---	4.7	5.393
3684	20227	68105	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
3685	20228	68105	50	592.5	480.4	1.4	0.04	0.000*	---	7.94	31.149
3686	20232	68105	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
3687	20233	68105	50	607.7	491.7	1.4	0.04	0.000*	---	8.09	32.635
3688	20236	68105	50	214	200.3	1.4	0.04	0.000*	---	3.66	1.619
3689	20238	68105	50	658.5	529.3	1.4	0.04	0.000*	---	8.61	37.518
3690	20245	68105	50	461.2	383.3	1.4	0.04	0.000*	---	6.54	18.293
3691	20246	68105	50	327.2	284.2	1.4	0.04	0.000*	---	5.02	7.131
3692	20247	68105	50	557.9	454.8	1.4	0.04	0.000*	---	7.58	27.739
3693	20248	68105	50	408.1	344	1.4	0.04	0.000*	---	5.95	13.446
3694	20249	68105	50	379.5	322.8	1.4	0.04	0.000*	---	5.62	11.037
3695	20250	68105	50	178.7	174.2	1.4	0.04	0.000*	---	3.22	0.791
3696	20251	68105	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
3697	20257	68105	50	224.6	208.2	1.4	0.04	0.000*	---	3.79	1.948
3698	20259	68105	50	345.4	297.6	1.4	0.04	0.000*	---	5.23	8.405
3699	20263	68105	50	347.2	298.9	1.4	0.04	0.000*	---	5.25	8.538
3700	20265	68105	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.524
3701	20268	68105	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.125
3702	20270	68105	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
3703	20271	68105	50	337.3	291.6	1.4	0.04	0.000*	---	5.14	7.823
3704	20273	68105	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.657
3705	20278	68105	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.375
3706	20288	68105	50	708.8	566.5	1.4	0.04	0.000*	---	9.11	42.151
3707	20290	68105	50	95.1	112.3	1.4	0.04	0.000*	---	2.14	0.052
3708	20291	68105	50	349.8	300.8	1.4	0.04	0.000*	---	5.28	8.726
3709	20293	68105	50	61	87.1	1.4	0.04	0.000*	---	1.69	0.008
3710	20295	68105	50	220.2	204.9	1.4	0.04	0.000*	---	3.73	1.806
3711	20296	68105	50	175.5	171.8	1.4	0.04	0.000*	---	3.18	0.735
3712	20299	68105	50	504.7	415.5	1.4	0.04	0.000*	---	7.01	22.494
3713	20300	68105	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.116
3714	20301	68105	50	169	167	1.4	0.04	0.000*	---	3.09	0.629
3715	20305	68105	50	1825.4	1392.8	1.4	0.04	0.000*	---	18.16	89.795
3716	20306	68105	50	449.9	374.9	1.4	0.04	0.000*	---	6.41	17.229
3717	20307	68105	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.928
3718	20310	68105	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.037
3719	20312	68105	50	480.3	397.4	1.4	0.04	0.000*	---	6.75	20.123
3720	20313	68105	50	97.5	114.1	1.4	0.04	0.000*	---	2.17	0.058

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3721	20315	68105	50	567.9	462.2	1.4	0.04	0.000*	---	7.68	28.728
3722	20321	68105	50	223	207	1.4	0.04	0.000*	---	3.77	1.895
3723	20322	68105	50	244.4	222.9	1.4	0.04	0.000*	---	4.03	2.665
3724	20323	68105	50	254.5	230.3	1.4	0.04	0.000*	---	4.15	3.081
3725	20325	68105	50	477	395	1.4	0.04	0.000*	---	6.71	19.8
3726	20326	68105	50	126.2	135.4	1.4	0.04	0.000*	---	2.55	0.181
3727	20328	68105	50	332.1	287.7	1.4	0.04	0.000*	---	5.08	7.461
3728	20329	68105	50	196.9	187.8	1.4	0.04	0.000*	---	3.45	1.171
3729	20330	68105	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.062
3730	20331	68105	50	140.2	145.8	1.4	0.04	0.000*	---	2.73	0.286
3731	20334	68105	50	339.9	293.5	1.4	0.04	0.000*	---	5.17	8.009
3732	20338	68105	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.677
3733	20339	68105	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.104
3734	20340	68105	50	107.5	121.6	1.4	0.04	0.000*	---	2.3	0.089
3735	20342	68105	50	353.6	303.7	1.4	0.04	0.000*	---	5.33	9.011
3736	20343	68105	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.165
3737	20351	68105	50	349.7	300.8	1.4	0.04	0.000*	---	5.28	8.718
3738	20362	68105	50	454.5	378.4	1.4	0.04	0.000*	---	6.46	17.668
3739	20364	68105	50	338.3	292.4	1.4	0.04	0.000*	---	5.15	7.897
3740	20379	68105	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.314
3741	20384	68105	50	361.1	309.2	1.4	0.04	0.000*	---	5.41	9.578
3742	20385	68105	50	198.6	188.9	1.4	0.04	0.000*	---	3.47	1.209
3743	20391	68105	50	170.9	168.5	1.4	0.04	0.000*	---	3.12	0.66
3744	20392	68105	50	282.3	250.9	1.4	0.04	0.000*	---	4.49	4.418
3745	20394	68105	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.538
3746	20397	68105	50	373.7	318.5	1.4	0.04	0.000*	---	5.56	10.571
3747	20398	68105	50	485.4	401.2	1.4	0.04	0.000*	---	6.8	20.615
3748	20403	68105	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.515
3749	20409	68105	50	525.2	430.6	1.4	0.04	0.000*	---	7.23	24.507
3750	20411	68105	50	285.9	253.6	1.4	0.04	0.000*	---	4.53	4.612
3751	20414	68105	50	292.7	258.6	1.4	0.04	0.000*	---	4.61	4.989
3752	20415	68105	50	225.9	209.2	1.4	0.04	0.000*	---	3.81	1.99
3753	20420	68105	50	332.7	288.2	1.4	0.04	0.000*	---	5.08	7.504
3754	20422	68105	50	221.7	206.1	1.4	0.04	0.000*	---	3.75	1.855
3755	20423	68105	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.101
3756	20426	68105	50	331.8	287.6	1.4	0.04	0.000*	---	5.07	7.445
3757	20428	68105	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
3758	20434	68105	50	311.2	272.3	1.4	0.04	0.000*	---	4.83	6.087
3759	20440	68105	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
3760	20441	68105	50	28.9	63.4	1.4	0.04	0.000*	---	1.25	0
3761	20442	68105	50	589.2	478	1.4	0.04	0.000*	---	7.9	30.829
3762	20447	68105	50	197.1	187.8	1.4	0.04	0.000*	---	3.45	1.173
3763	20448	68105	50	185.3	179.1	1.4	0.04	0.000*	---	3.3	0.918
3764	20452	68105	50	138.3	144.3	1.4	0.04	0.000*	---	2.7	0.269
3765	20453	68105	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.871
3766	20454	68105	50	152.1	154.6	1.4	0.04	0.000*	---	2.88	0.404
3767	20455	68105	50	381.3	324.2	1.4	0.04	0.000*	---	5.64	11.186
3768	20458	68105	50	198.4	188.8	1.4	0.04	0.000*	---	3.46	1.205
3769	20460	68105	50	1694.7	1296.1	1.4	0.04	0.000*	---	17.26	87.733
3770	20461	68105	50	608	491.9	1.4	0.04	0.000*	---	8.1	32.671
3771	20462	68105	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.721
3772	20470	68105	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
3773	20471	68105	50	185.9	179.5	1.4	0.04	0.000*	---	3.31	0.929
3774	20472	68105	50	530.1	434.3	1.4	0.04	0.000*	---	7.28	24.997
3775	20473	68105	50	341	294.4	1.4	0.04	0.000*	---	5.18	8.089
3776	20474	68105	50	173.7	170.6	1.4	0.04	0.000*	---	3.15	0.705
3777	20477	68105	50	363.9	311.3	1.4	0.04	0.000*	---	5.45	9.799
3778	20479	68105	50	147.8	151.4	1.4	0.04	0.000*	---	2.82	0.358
3779	20480	68105	50	178.5	174.1	1.4	0.04	0.000*	---	3.21	0.788
3780	20481	68105	50	462.2	384	1.4	0.04	0.000*	---	6.55	18.389
3781	20483	68105	50	77.2	99.1	1.4	0.04	0.000*	---	1.9	0.021

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3782	20488	68105	50	216.8	202.4	1.4	0.04	0.000*	---	3.69	1.702
3783	20494	68105	50	337.6	291.9	1.4	0.04	0.000*	---	5.14	7.849
3784	20495	68105	50	612.5	495.2	1.4	0.04	0.000*	---	8.14	33.101
3785	20503	68105	50	377	321	1.4	0.04	0.000*	---	5.6	10.838
3786	20506	68105	50	266.3	239.1	1.4	0.04	0.000*	---	4.3	3.616
3787	20507	68105	50	316.9	276.5	1.4	0.04	0.000*	---	4.9	6.449
3788	20508	68105	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.911
3789	20509	68105	50	505.7	416.2	1.4	0.04	0.000*	---	7.02	22.588
3790	20510	68105	50	425.5	356.9	1.4	0.04	0.000*	---	6.14	14.995
3791	20512	68105	50	880.5	693.6	1.4	0.04	0.000*	---	10.75	56.085
3792	20513	68105	50	468	388.3	1.4	0.04	0.000*	---	6.61	18.938
3793	20519	68105	50	425.5	356.9	1.4	0.04	0.000*	---	6.14	14.994
3794	20520	68105	50	546.8	446.6	1.4	0.04	0.000*	---	7.46	26.639
3795	20526	68105	50	598.9	485.2	1.4	0.04	0.000*	---	8	31.783
3796	20527	68105	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.065
3797	20531	68105	50	357.9	306.9	1.4	0.04	0.000*	---	5.38	9.339
3798	20533	68105	50	507.1	417.3	1.4	0.04	0.000*	---	7.04	22.732
3799	20535	68105	50	282.8	251.3	1.4	0.04	0.000*	---	4.5	4.445
3800	20537	68105	50	237.5	217.8	1.4	0.04	0.000*	---	3.95	2.399
3801	20539	68105	50	631	508.9	1.4	0.04	0.000*	---	8.33	34.896
3802	20540	68105	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.294
3803	20544	68105	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266
3804	20545	68105	50	438.4	366.4	1.4	0.04	0.000*	---	6.29	16.165
3805	20547	68105	50	248.9	226.1	1.4	0.04	0.000*	---	4.09	2.843
3806	20549	68105	50	508.6	418.4	1.4	0.04	0.000*	---	7.05	22.879
3807	20550	68105	50	509.7	419.2	1.4	0.04	0.000*	---	7.06	22.984
3808	20553	68105	50	465.1	386.2	1.4	0.04	0.000*	---	6.58	18.67
3809	20557	68105	50	627.7	506.5	1.4	0.04	0.000*	---	8.3	34.573
3810	20559	68105	50	513.5	422	1.4	0.04	0.000*	---	7.11	23.358
3811	20560	68105	50	357.4	306.5	1.4	0.04	0.000*	---	5.37	9.296
3812	20562	68105	50	221.6	206	1.4	0.04	0.000*	---	3.75	1.851
3813	20563	68105	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.322
3814	20565	68105	50	397.6	336.2	1.4	0.04	0.000*	---	5.83	12.544
3815	20566	68105	50	277.4	247.2	1.4	0.04	0.000*	---	4.43	4.16
3816	20568	68105	50	287.5	254.7	1.4	0.04	0.000*	---	4.55	4.695
3817	20572	68105	50	233.6	214.8	1.4	0.04	0.000*	---	3.9	2.255
3818	20578	68105	50	157.6	158.6	1.4	0.04	0.000*	---	2.95	0.47
3819	20584	68105	50	205.7	194.2	1.4	0.04	0.000*	---	3.56	1.39
3820	20587	68105	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.405
3821	20590	68105	50	242.9	221.8	1.4	0.04	0.000*	---	4.01	2.605
3822	20591	68105	50	99.5	115.6	1.4	0.04	0.000*	---	2.2	0.063
3823	20593	68105	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.193
3824	20594	68105	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.14
3825	20595	68105	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.312
3826	20598	68105	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.604
3827	20602	68105	50	272.7	243.8	1.4	0.04	0.000*	---	4.37	3.928
3828	20603	68105	50	66.7	91.4	1.4	0.04	0.000*	---	1.76	0.011
3829	20605	68105	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.61
3830	20607	68105	50	129	137.5	1.4	0.04	0.000*	---	2.58	0.199
3831	20609	68105	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.046
3832	20610	68105	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.645
3833	20611	68105	50	233.4	214.8	1.4	0.04	0.000*	---	3.9	2.25
3834	20612	68105	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.811
3835	20614	68105	50	474.4	393.1	1.4	0.04	0.000*	---	6.68	19.558
3836	20616	68105	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.1
3837	20618	68105	50	176.6	172.7	1.4	0.04	0.000*	---	3.19	0.754
3838	20619	68105	50	265.2	238.2	1.4	0.04	0.000*	---	4.28	3.562
3839	20622	68105	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.302
3840	20625	68105	50	172	169.3	1.4	0.04	0.000*	---	3.13	0.677
3841	20628	68105	50	311.3	272.4	1.4	0.04	0.000*	---	4.83	6.095
3842	20630	68105	50	234.4	215.4	1.4	0.04	0.000*	---	3.91	2.284

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3843	20634	68105	50	125.3	134.7	1.4	0.04	0.000*	---	2.53	0.175
3844	20636	68105	50	287.6	254.8	1.4	0.04	0.000*	---	4.55	4.702
3845	20637	68105	50	175.7	172	1.4	0.04	0.000*	---	3.18	0.739
3846	20641	68105	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.165
3847	20646	68105	50	107	121.2	1.4	0.04	0.000*	---	2.3	0.087
3848	20647	68105	50	495	408.3	1.4	0.04	0.000*	---	6.91	21.549
3849	20648	68105	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.557
3850	20649	68105	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.206
3851	20650	68105	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.675
3852	20651	68105	50	288.2	255.3	1.4	0.04	0.000*	---	4.56	4.737
3853	20652	68105	50	276.9	246.9	1.4	0.04	0.000*	---	4.42	4.138
3854	20653	68105	50	603.2	488.3	1.4	0.04	0.000*	---	8.05	32.195
3855	20656	68105	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
3856	20657	68105	50	297.9	262.4	1.4	0.04	0.000*	---	4.67	5.282
3857	20659	68105	50	509.7	419.2	1.4	0.04	0.000*	---	7.06	22.984
3858	20662	68105	50	152.9	155.2	1.4	0.04	0.000*	---	2.89	0.414
3859	20663	68105	50	509.3	418.9	1.4	0.04	0.000*	---	7.06	22.947
3860	20665	68105	50	293	258.8	1.4	0.04	0.000*	---	4.62	5.003
3861	20666	68105	50	527	432	1.4	0.04	0.000*	---	7.25	24.688
3862	20668	68105	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
3863	20672	68105	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.334
3864	20673	68105	50	405.3	341.9	1.4	0.04	0.000*	---	5.92	13.207
3865	20674	68105	50	337.9	292.1	1.4	0.04	0.000*	---	5.15	7.869
3866	20678	68105	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.336
3867	20680	68105	50	547.6	447.2	1.4	0.04	0.000*	---	7.47	26.723
3868	20681	68105	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.295
3869	20683	68105	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.727
3870	20684	68105	50	427.6	358.4	1.4	0.04	0.000*	---	6.17	15.18
3871	20685	68105	50	229.9	212.2	1.4	0.04	0.000*	---	3.85	2.127
3872	20686	68105	50	100.6	116.4	1.4	0.04	0.000*	---	2.21	0.067
3873	20687	68105	50	150.2	153.2	1.4	0.04	0.000*	---	2.86	0.383
3874	20691	68105	50	361.3	309.4	1.4	0.04	0.000*	---	5.42	9.596
3875	20696	68105	50	492.7	406.6	1.4	0.04	0.000*	---	6.88	21.321
3876	20701	68105	50	216.2	202	1.4	0.04	0.000*	---	3.69	1.685
3877	20702	68105	50	77.9	99.6	1.4	0.04	0.000*	---	1.91	0.022
3878	20706	68105	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.416
3879	20707	68105	50	296.7	261.6	1.4	0.04	0.000*	---	4.66	5.216
3880	20708	68105	50	333.3	288.6	1.4	0.04	0.000*	---	5.09	7.544
3881	20709	68105	50	150.3	153.2	1.4	0.04	0.000*	---	2.86	0.384
3882	20710	68105	50	344	296.6	1.4	0.04	0.000*	---	5.22	8.304
3883	20711	68105	50	162.1	162	1.4	0.04	0.000*	---	3.01	0.529
3884	20713	68105	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
3885	20716	68105	50	237.3	217.6	1.4	0.04	0.000*	---	3.94	2.389
3886	20717	68105	50	448	373.5	1.4	0.04	0.000*	---	6.39	17.057
3887	20718	68105	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
3888	20720	68105	50	479.4	396.8	1.4	0.04	0.000*	---	6.74	20.038
3889	20721	68105	50	533.3	436.7	1.4	0.04	0.000*	---	7.32	25.313
3890	20723	68105	50	547.4	447.1	1.4	0.04	0.000*	---	7.47	26.701
3891	20725	68105	50	238.3	218.3	1.4	0.04	0.000*	---	3.96	2.428
3892	20730	68105	50	173.2	170.2	1.4	0.04	0.000*	---	3.15	0.697
3893	20735	68105	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
3894	20739	68105	50	204.4	193.3	1.4	0.04	0.000*	---	3.54	1.356
3895	20743	68105	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
3896	20748	68105	50	246.3	224.3	1.4	0.04	0.000*	---	4.06	2.741
3897	20751	68105	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.177
3898	20753	68105	50	366.2	313	1.4	0.04	0.000*	---	5.47	9.979
3899	20754	68105	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.908
3900	20756	68105	50	416	349.9	1.4	0.04	0.000*	---	6.04	14.147
3901	20757	68105	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
3902	20759	68105	50	413.2	347.8	1.4	0.04	0.000*	---	6	13.894
3903	20760	68105	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3904	20763	68105	50	130.7	138.7	1.4	0.04	0.000*	---	2.6	0.21
3905	20764	68105	50	307.5	269.5	1.4	0.04	0.000*	---	4.79	5.857
3906	20765	68105	50	203.5	192.6	1.4	0.04	0.000*	---	3.53	1.332
3907	20768	68105	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.546
3908	20769	68105	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
3909	20770	68105	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
3910	20772	68105	50	182.1	176.7	1.4	0.04	0.000*	---	3.26	0.854
3911	20774	68105	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
3912	20776	68105	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.193
3913	20777	68105	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.097
3914	20787	68105	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.224
3915	20790	68105	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
3916	20796	68105	50	618	499.3	1.4	0.04	0.000*	---	8.2	33.64
3917	20797	68105	50	515.2	423.2	1.4	0.04	0.000*	---	7.12	23.523
3918	20798	68105	50	318.8	277.9	1.4	0.04	0.000*	---	4.92	6.572
3919	20800	68105	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.232
3920	20801	68105	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.607
3921	20805	68105	50	320.8	279.4	1.4	0.04	0.000*	---	4.95	6.704
3922	20807	68105	50	294.7	260.1	1.4	0.04	0.000*	---	4.64	5.102
3923	20809	68105	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.794
3924	20810	68105	50	191.1	183.4	1.4	0.04	0.000*	---	3.37	1.038
3925	20814	68105	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.603
3926	20815	68105	50	112.5	125.2	1.4	0.04	0.000*	---	2.37	0.109
3927	20817	68105	50	299.2	263.4	1.4	0.04	0.000*	---	4.69	5.36
3928	20823	68105	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.815
3929	20824	68105	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.407
3930	20826	68105	50	356.2	305.6	1.4	0.04	0.000*	---	5.36	9.209
3931	20829	68105	50	368.4	314.6	1.4	0.04	0.000*	---	5.5	10.148
3932	20833	68105	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.48
3933	20836	68105	50	197.1	187.9	1.4	0.04	0.000*	---	3.45	1.175
3934	20838	68105	50	304.7	267.5	1.4	0.04	0.000*	---	4.76	5.688
3935	20843	68105	50	844.9	667.2	1.4	0.04	0.000*	---	10.42	53.454
3936	20844	68105	50	580.6	471.7	1.4	0.04	0.000*	---	7.81	29.987
3937	20845	68105	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.373
3938	20848	68105	50	419.1	352.1	1.4	0.04	0.000*	---	6.07	14.42
3939	20850	68105	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.362
3940	20851	68105	50	497.5	410.2	1.4	0.04	0.000*	---	6.93	21.793
3941	20852	68105	50	317.5	276.9	1.4	0.04	0.000*	---	4.91	6.487
3942	20853	68105	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.231
3943	20854	68105	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.591
3944	20855	68105	50	92.4	110.3	1.4	0.04	0.000*	---	2.1	0.046
3945	20856	68105	50	354.7	304.5	1.4	0.04	0.000*	---	5.34	9.092
3946	20858	68105	50	180.2	175.4	1.4	0.04	0.000*	---	3.24	0.819
3947	20859	68105	50	525.9	431.2	1.4	0.04	0.000*	---	7.24	24.578
3948	20860	68105	50	419	352.1	1.4	0.04	0.000*	---	6.07	14.411
3949	20863	68105	50	326.3	283.5	1.4	0.04	0.000*	---	5.01	7.071
3950	20867	68105	50	153.3	155.4	1.4	0.04	0.000*	---	2.9	0.418
3951	20868	68105	50	235.5	216.3	1.4	0.04	0.000*	---	3.92	2.325
3952	20869	68105	50	476.1	394.3	1.4	0.04	0.000*	---	6.7	19.718
3953	20871	68105	50	674.3	541	1.4	0.04	0.000*	---	8.77	38.993
3954	20872	68105	50	252.9	229.2	1.4	0.04	0.000*	---	4.14	3.014
3955	20877	68105	50	389.8	330.4	1.4	0.04	0.000*	---	5.74	11.883
3956	20879	68105	50	499.1	411.3	1.4	0.04	0.000*	---	6.95	21.946
3957	20882	68105	50	300.1	264.1	1.4	0.04	0.000*	---	4.7	5.413
3958	20883	68105	50	197.9	188.5	1.4	0.04	0.000*	---	3.46	1.194
3959	20884	68105	50	327.1	284.1	1.4	0.04	0.000*	---	5.02	7.125
3960	20886	68105	50	288.3	255.4	1.4	0.04	0.000*	---	4.56	4.743
3961	20888	68105	50	197.8	188.4	1.4	0.04	0.000*	---	3.46	1.192
3962	20889	68105	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.67
3963	20892	68105	50	507.1	417.2	1.4	0.04	0.000*	---	7.04	22.726
3964	20893	68105	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.845

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
3965	20894	68105	50	388.7	329.7	1.4	0.04	0.000*	---	5.73	11.798
3966	20895	68105	50	375.2	319.6	1.4	0.04	0.000*	---	5.57	10.688
3967	20896	68105	50	409.2	344.8	1.4	0.04	0.000*	---	5.96	13.546
3968	20897	68105	50	449.8	374.8	1.4	0.04	0.000*	---	6.41	17.22
3969	20899	68105	50	432	361.7	1.4	0.04	0.000*	---	6.22	15.585
3970	20900	68105	50	459.6	382.1	1.4	0.04	0.000*	---	6.52	18.146
3971	20901	68105	50	447.8	373.4	1.4	0.04	0.000*	---	6.39	17.035
3972	20902	68105	50	298.2	262.7	1.4	0.04	0.000*	---	4.68	5.303
3973	20906	68105	50	434.4	363.5	1.4	0.04	0.000*	---	6.24	15.801
3974	20907	68105	50	659.8	530.2	1.4	0.04	0.000*	---	8.62	37.634
3975	20908	68105	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.836
3976	20909	68105	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
3977	20911	68105	50	270.3	242	1.4	0.04	0.000*	---	4.34	3.807
3978	20914	68105	50	98.7	115	1.4	0.04	0.000*	---	2.19	0.061
3979	20916	68105	50	227.6	210.4	1.4	0.04	0.000*	---	3.83	2.048
3980	20917	68105	50	595.6	482.8	1.4	0.04	0.000*	---	7.97	31.459
3981	20921	68105	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.936
3982	20923	68105	50	495.2	408.5	1.4	0.04	0.000*	---	6.91	21.566
3983	20925	68105	50	1106.8	861	1.4	0.04	0.000*	---	12.74	69.687
3984	20927	68105	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.497
3985	20928	68105	50	295.8	260.9	1.4	0.04	0.000*	---	4.65	5.166
3986	20930	68105	50	425.7	357	1.4	0.04	0.000*	---	6.14	15.009
3987	20933	68105	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.001
3988	20935	68105	50	222.3	206.5	1.4	0.04	0.000*	---	3.76	1.872
3989	20936	68105	50	195.5	186.7	1.4	0.04	0.000*	---	3.43	1.138
3990	20937	68105	50	212.7	199.4	1.4	0.04	0.000*	---	3.64	1.582
3991	20942	68105	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
3992	20943	68105	50	160.9	161.1	1.4	0.04	0.000*	---	2.99	0.513
3993	20944	68105	50	352	302.5	1.4	0.04	0.000*	---	5.31	8.894
3994	20945	68105	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.416
3995	20946	68105	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.407
3996	20947	68105	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.295
3997	20948	68105	50	298.8	263.1	1.4	0.04	0.000*	---	4.69	5.337
3998	20949	68105	50	234.8	215.8	1.4	0.04	0.000*	---	3.91	2.299
3999	20955	68105	50	584.3	474.4	1.4	0.04	0.000*	---	7.85	30.343
4000	20956	68105	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.839
4001	20958	68105	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
4002	20961	68105	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
4003	20962	68105	50	520.9	427.5	1.4	0.04	0.000*	---	7.18	24.085
4004	20963	68105	50	273.3	244.3	1.4	0.04	0.000*	---	4.38	3.956
4005	20964	68105	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.119
4006	20966	68105	50	271.1	242.6	1.4	0.04	0.000*	---	4.35	3.847
4007	20967	68105	50	272.5	243.6	1.4	0.04	0.000*	---	4.37	3.913
4008	20969	68105	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
4009	20977	68105	50	138.7	144.6	1.4	0.04	0.000*	---	2.71	0.272
4010	20980	68105	50	216	201.9	1.4	0.04	0.000*	---	3.68	1.68
4011	20983	68105	50	386.3	327.9	1.4	0.04	0.000*	---	5.7	11.596
4012	20985	68105	50	349	300.2	1.4	0.04	0.000*	---	5.27	8.666
4013	20987	68105	50	140.7	146.1	1.4	0.04	0.000*	---	2.73	0.289
4014	20990	68105	50	373.5	318.4	1.4	0.04	0.000*	---	5.56	10.555
4015	20994	68105	50	241.4	220.7	1.4	0.04	0.000*	---	4	2.548
4016	20997	68105	50	382.2	324.8	1.4	0.04	0.000*	---	5.65	11.256
4017	20999	68105	50	488	403.1	1.4	0.04	0.000*	---	6.83	20.861
4018	21000	68105	50	321.3	279.8	1.4	0.04	0.000*	---	4.95	6.734
4019	21005	68105	50	49.4	78.6	1.4	0.04	0.000*	---	1.53	0.003
4020	21007	68105	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
4021	21008	68105	50	578.9	470.4	1.4	0.04	0.000*	---	7.8	29.816
4022	21009	68105	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
4023	21012	68105	50	338.3	292.3	1.4	0.04	0.000*	---	5.15	7.895
4024	21015	68105	50	159.7	160.1	1.4	0.04	0.000*	---	2.98	0.496
4025	21018	68105	50	328.2	284.9	1.4	0.04	0.000*	---	5.03	7.196

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4026	21019	68105	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.52
4027	21022	68105	50	164.7	163.9	1.4	0.04	0.000*	---	3.04	0.565
4028	21025	68105	50	241.8	220.9	1.4	0.04	0.000*	---	4	2.562
4029	21028	68105	50	174.4	171	1.4	0.04	0.000*	---	3.16	0.716
4030	21031	68105	50	138.7	144.7	1.4	0.04	0.000*	---	2.71	0.272
4031	21034	68105	50	147.7	151.3	1.4	0.04	0.000*	---	2.82	0.357
4032	21036	68105	50	187.7	180.9	1.4	0.04	0.000*	---	3.33	0.967
4033	21037	68105	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.61
4034	21038	68105	50	189.1	181.9	1.4	0.04	0.000*	---	3.35	0.996
4035	21041	68105	50	167.6	166	1.4	0.04	0.000*	---	3.08	0.608
4036	21042	68105	50	172.9	170	1.4	0.04	0.000*	---	3.14	0.692
4037	21043	68105	50	65.1	90.2	1.4	0.04	0.000*	---	1.74	0.01
4038	21047	68105	50	491.8	405.9	1.4	0.04	0.000*	---	6.87	21.233
4039	21048	68105	50	575.7	468	1.4	0.04	0.000*	---	7.76	29.498
4040	21049	68105	50	386.1	327.7	1.4	0.04	0.000*	---	5.7	11.578
4041	21051	68105	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
4042	21052	68105	50	438.8	366.7	1.4	0.04	0.000*	---	6.29	16.205
4043	21053	68105	50	221	205.6	1.4	0.04	0.000*	---	3.75	1.833
4044	21054	68105	50	120.6	131.2	1.4	0.04	0.000*	---	2.47	0.148
4045	21055	68105	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.851
4046	21056	68105	50	369	315	1.4	0.04	0.000*	---	5.5	10.192
4047	21057	68105	50	67.6	92	1.4	0.04	0.000*	---	1.77	0.012
4048	21058	68105	50	492.3	406.3	1.4	0.04	0.000*	---	6.88	21.285
4049	21060	68105	50	350	301	1.4	0.04	0.000*	---	5.29	8.745
4050	21061	68105	50	104	119	1.4	0.04	0.000*	---	2.26	0.077
4051	21064	68105	50	877.6	691.4	1.4	0.04	0.000*	---	10.72	55.873
4052	21068	68105	50	719.2	574.2	1.4	0.04	0.000*	---	9.21	43.086
4053	21071	68105	50	375.6	320	1.4	0.04	0.000*	---	5.58	10.724
4054	21073	68105	50	350.8	301.6	1.4	0.04	0.000*	---	5.29	8.801
4055	21074	68105	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.598
4056	21076	68105	50	255.1	230.8	1.4	0.04	0.000*	---	4.16	3.109
4057	21077	68105	50	548.5	447.9	1.4	0.04	0.000*	---	7.48	26.817
4058	21079	68105	50	245.5	223.7	1.4	0.04	0.000*	---	4.04	2.706
4059	21080	68105	50	210.2	197.6	1.4	0.04	0.000*	---	3.61	1.511
4060	21082	68105	50	375.8	320.1	1.4	0.04	0.000*	---	5.58	10.735
4061	21083	68105	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.023
4062	21086	68105	50	407.8	343.8	1.4	0.04	0.000*	---	5.94	13.424
4063	21087	68105	50	258.7	233.4	1.4	0.04	0.000*	---	4.21	3.266
4064	21088	68105	50	353.2	303.4	1.4	0.04	0.000*	---	5.32	8.979
4065	21089	68105	50	521.9	428.2	1.4	0.04	0.000*	---	7.2	24.188
4066	21092	68105	50	512.6	421.4	1.4	0.04	0.000*	---	7.1	23.272
4067	21093	68105	50	202.4	191.7	1.4	0.04	0.000*	---	3.51	1.303
4068	21095	68105	50	380	323.2	1.4	0.04	0.000*	---	5.63	11.076
4069	21096	68105	50	356.8	306	1.4	0.04	0.000*	---	5.36	9.249
4070	21097	68105	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.33
4071	21098	68105	50	363.7	311.1	1.4	0.04	0.000*	---	5.44	9.783
4072	21099	68105	50	398.1	336.6	1.4	0.04	0.000*	---	5.84	12.588
4073	21101	68105	50	176	172.3	1.4	0.04	0.000*	---	3.18	0.745
4074	21102	68105	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
4075	21105	68105	50	542.3	443.3	1.4	0.04	0.000*	---	7.41	26.198
4076	21106	68105	50	175.9	172.2	1.4	0.04	0.000*	---	3.18	0.743
4077	21107	68105	50	321.9	280.2	1.4	0.04	0.000*	---	4.96	6.775
4078	21108	68105	50	539	440.8	1.4	0.04	0.000*	---	7.38	25.87
4079	21109	68105	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
4080	21110	68105	50	300.2	264.1	1.4	0.04	0.000*	---	4.7	5.418
4081	21111	68105	50	457.1	380.3	1.4	0.04	0.000*	---	6.49	17.911
4082	21112	68105	50	339.1	293	1.4	0.04	0.000*	---	5.16	7.955
4083	21115	68105	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.16
4084	21116	68105	50	304.9	267.6	1.4	0.04	0.000*	---	4.76	5.697
4085	21117	68105	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.311
4086	21120	68105	50	476.8	394.8	1.4	0.04	0.000*	---	6.71	19.782

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4087	21124	68105	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.365
4088	21129	68105	50	899.9	707.9	1.4	0.04	0.000*	---	10.92	57.452
4089	21130	68105	50	177.2	173.1	1.4	0.04	0.000*	---	3.2	0.765
4090	21132	68105	50	78.7	100.3	1.4	0.04	0.000*	---	1.92	0.023
4091	21133	68105	50	784.7	622.7	1.4	0.04	0.000*	---	9.85	48.703
4092	21136	68105	50	237.5	217.7	1.4	0.04	0.000*	---	3.95	2.397
4093	21138	68105	50	402.7	340	1.4	0.04	0.000*	---	5.89	12.984
4094	21140	68105	50	191.3	183.5	1.4	0.04	0.000*	---	3.38	1.042
4095	21141	68105	50	521.5	427.9	1.4	0.04	0.000*	---	7.19	24.142
4096	21143	68105	50	577.8	469.6	1.4	0.04	0.000*	---	7.78	29.71
4097	21144	68105	50	134.4	141.5	1.4	0.04	0.000*	---	2.65	0.238
4098	21147	68105	50	345	297.3	1.4	0.04	0.000*	---	5.23	8.374
4099	21148	68105	50	112.5	125.3	1.4	0.04	0.000*	---	2.37	0.109
4100	21149	68105	50	284.6	252.6	1.4	0.04	0.000*	---	4.52	4.543
4101	21150	68105	50	223.2	207.2	1.4	0.04	0.000*	---	3.77	1.901
4102	21151	68105	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.569
4103	21152	68105	50	489.8	404.5	1.4	0.04	0.000*	---	6.85	21.04
4104	21153	68105	50	221.6	206	1.4	0.04	0.000*	---	3.75	1.852
4105	21167	68105	50	211.6	198.6	1.4	0.04	0.000*	---	3.63	1.552
4106	21169	68105	50	288.7	255.7	1.4	0.04	0.000*	---	4.57	4.765
4107	21170	68105	50	332.9	288.3	1.4	0.04	0.000*	---	5.09	7.516
4108	21171	68105	50	356.2	305.6	1.4	0.04	0.000*	---	5.36	9.208
4109	21173	68105	50	386.5	328	1.4	0.04	0.000*	---	5.7	11.612
4110	21178	68105	50	348.5	299.9	1.4	0.04	0.000*	---	5.27	8.633
4111	21185	68105	50	529.4	433.8	1.4	0.04	0.000*	---	7.28	24.928
4112	21186	68105	50	386.3	327.9	1.4	0.04	0.000*	---	5.7	11.596
4113	21191	68105	50	521.4	427.9	1.4	0.04	0.000*	---	7.19	24.138
4114	21192	68105	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.103
4115	21193	68105	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.487
4116	21195	68105	50	214.5	200.7	1.4	0.04	0.000*	---	3.66	1.634
4117	21201	68105	50	370.2	316	1.4	0.04	0.000*	---	5.52	10.293
4118	21202	68105	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
4119	21203	68105	50	440.7	368.1	1.4	0.04	0.000*	---	6.31	16.377
4120	21206	68105	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
4121	21209	68105	50	456.8	380.1	1.4	0.04	0.000*	---	6.49	17.883
4122	21210	68105	50	158.3	159.1	1.4	0.04	0.000*	---	2.96	0.478
4123	21212	68105	50	123.7	133.6	1.4	0.04	0.000*	---	2.51	0.166
4124	21213	68105	50	150.6	153.4	1.4	0.04	0.000*	---	2.86	0.388
4125	21214	68105	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
4126	21215	68105	50	317.1	276.7	1.4	0.04	0.000*	---	4.9	6.466
4127	21216	68105	50	255.1	230.8	1.4	0.04	0.000*	---	4.16	3.106
4128	21218	68105	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
4129	21219	68105	50	259.4	234	1.4	0.04	0.000*	---	4.21	3.299
4130	21220	68105	50	683.7	547.9	1.4	0.04	0.000*	---	8.86	39.864
4131	21221	68105	50	264.6	237.8	1.4	0.04	0.000*	---	4.28	3.534
4132	21222	68105	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
4133	21223	68105	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.088
4134	21225	68105	50	366.2	313	1.4	0.04	0.000*	---	5.47	9.979
4135	21226	68105	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.867
4136	21230	68105	50	309.9	271.3	1.4	0.04	0.000*	---	4.82	6.005
4137	21231	68105	50	310.8	272	1.4	0.04	0.000*	---	4.83	6.06
4138	21239	68105	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.263
4139	21247	68105	50	227.6	210.4	1.4	0.04	0.000*	---	3.83	2.048
4140	21251	68105	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
4141	21257	68105	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.281
4142	21258	68105	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.382
4143	21260	68105	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.864
4144	21261	68105	50	280.2	249.4	1.4	0.04	0.000*	---	4.46	4.308
4145	21264	68105	50	256.1	231.5	1.4	0.04	0.000*	---	4.17	3.149
4146	21265	68105	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.923
4147	21266	68105	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.869

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4148	21267	68105	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.349
4149	21268	68105	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
4150	21269	68105	50	297.5	262.1	1.4	0.04	0.000*	---	4.67	5.262
4151	21272	68105	50	185.3	179.1	1.4	0.04	0.000*	---	3.3	0.917
4152	21273	68105	50	464.9	386	1.4	0.04	0.000*	---	6.58	18.647
4153	21274	68105	50	239.1	218.9	1.4	0.04	0.000*	---	3.97	2.458
4154	21276	68105	50	267.5	239.9	1.4	0.04	0.000*	---	4.31	3.672
4155	21277	68105	50	323.8	281.6	1.4	0.04	0.000*	---	4.98	6.901
4156	21279	68105	50	414.1	348.5	1.4	0.04	0.000*	---	6.02	13.979
4157	21280	68105	50	214	200.4	1.4	0.04	0.000*	---	3.66	1.62
4158	21281	68105	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
4159	21283	68105	50	332.1	287.8	1.4	0.04	0.000*	---	5.08	7.466
4160	21285	68105	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
4161	21286	68105	50	234.1	215.2	1.4	0.04	0.000*	---	3.91	2.273
4162	21287	68105	50	525.6	431	1.4	0.04	0.000*	---	7.23	24.551
4163	21288	68105	50	406.6	342.9	1.4	0.04	0.000*	---	5.93	13.315
4164	21289	68105	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.101
4165	21293	68105	50	205.2	193.9	1.4	0.04	0.000*	---	3.55	1.377
4166	21294	68105	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
4167	21296	68105	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.313
4168	21297	68105	50	194.4	185.9	1.4	0.04	0.000*	---	3.41	1.112
4169	21298	68105	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.005
4170	21300	68105	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.951
4171	21301	68105	50	327.4	284.3	1.4	0.04	0.000*	---	5.02	7.141
4172	21302	68105	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
4173	21303	68105	50	289.6	256.3	1.4	0.04	0.000*	---	4.58	4.814
4174	21304	68105	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.889
4175	21305	68105	50	253.6	229.6	1.4	0.04	0.000*	---	4.14	3.041
4176	21307	68105	50	558.9	455.6	1.4	0.04	0.000*	---	7.59	27.838
4177	21309	68105	50	104.1	119.1	1.4	0.04	0.000*	---	2.26	0.077
4178	21310	68105	50	138.7	144.6	1.4	0.04	0.000*	---	2.71	0.272
4179	21311	68105	50	224.9	208.4	1.4	0.04	0.000*	---	3.79	1.955
4180	21312	68105	50	267.6	240	1.4	0.04	0.000*	---	4.31	3.677
4181	21313	68105	50	586.9	476.3	1.4	0.04	0.000*	---	7.88	30.604
4182	21314	68105	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.704
4183	21316	68105	50	132	139.6	1.4	0.04	0.000*	---	2.62	0.219
4184	21317	68105	50	180.1	175.2	1.4	0.04	0.000*	---	3.23	0.817
4185	21318	68105	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.396
4186	21319	68105	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
4187	21321	68105	50	164	163.4	1.4	0.04	0.000*	---	3.03	0.555
4188	21322	68105	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.164
4189	21324	68105	50	463.8	385.2	1.4	0.04	0.000*	---	6.57	18.544
4190	21325	68105	50	162.7	162.4	1.4	0.04	0.000*	---	3.01	0.537
4191	21326	68105	50	563.2	458.7	1.4	0.04	0.000*	---	7.63	28.261
4192	21328	68105	50	109.9	123.3	1.4	0.04	0.000*	---	2.33	0.098
4193	21329	68105	50	194.3	185.7	1.4	0.04	0.000*	---	3.41	1.109
4194	21330	68105	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
4195	21332	68105	50	528.3	432.9	1.4	0.04	0.000*	---	7.26	24.81
4196	21333	68105	50	628.5	507.1	1.4	0.04	0.000*	---	8.31	34.658
4197	21335	68105	50	143.2	148	1.4	0.04	0.000*	---	2.77	0.312
4198	21336	68105	50	540.8	442.2	1.4	0.04	0.000*	---	7.4	26.05
4199	21339	68105	50	401.7	339.2	1.4	0.04	0.000*	---	5.88	12.892
4200	21340	68105	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.988
4201	21342	68105	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.116
4202	21345	68105	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.954
4203	21348	68105	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
4204	21349	68105	50	420.5	353.2	1.4	0.04	0.000*	---	6.09	14.547
4205	21351	68105	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
4206	21352	68105	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
4207	21354	68105	50	333.7	289	1.4	0.04	0.000*	---	5.1	7.576
4208	21355	68105	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.579

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4209	21356	68105	50	209	196.7	1.4	0.04	0.000*	---	3.6	1.479
4210	21358	68105	50	232.4	214	1.4	0.04	0.000*	---	3.89	2.214
4211	21360	68105	50	118.2	129.5	1.4	0.04	0.000*	---	2.44	0.136
4212	21361	68105	50	118.2	129.4	1.4	0.04	0.000*	---	2.44	0.135
4213	21362	68105	50	148.9	152.1	1.4	0.04	0.000*	---	2.84	0.369
4214	21364	68105	50	671.2	538.7	1.4	0.04	0.000*	---	8.74	38.71
4215	21365	68105	50	471.6	391	1.4	0.04	0.000*	---	6.65	19.286
4216	21368	68105	50	324.2	281.9	1.4	0.04	0.000*	---	4.99	6.929
4217	21369	68105	50	463.6	385.1	1.4	0.04	0.000*	---	6.56	18.522
4218	21371	68105	50	425	356.5	1.4	0.04	0.000*	---	6.14	14.943
4219	21374	68105	50	228.9	211.4	1.4	0.04	0.000*	---	3.84	2.093
4220	21375	68105	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.81
4221	21376	68105	50	293	258.8	1.4	0.04	0.000*	---	4.62	5.004
4222	21377	68105	50	46	76	1.4	0.04	0.000*	---	1.48	0.002
4223	21378	68105	50	399.4	337.6	1.4	0.04	0.000*	---	5.85	12.698
4224	21380	68105	50	1117.7	869.1	1.4	0.04	0.000*	---	12.83	70.224
4225	21382	68105	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.028
4226	21385	68105	50	269.5	241.5	1.4	0.04	0.000*	---	4.34	3.771
4227	21386	68105	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.7
4228	21388	68105	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
4229	21390	68105	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.158
4230	21394	68105	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
4231	21403	68105	50	209.2	196.8	1.4	0.04	0.000*	---	3.6	1.483
4232	21404	68105	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.981
4233	21405	68105	50	443.8	370.4	1.4	0.04	0.000*	---	6.35	16.662
4234	21410	68105	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
4235	21411	68105	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
4236	21412	68105	50	254.7	230.5	1.4	0.04	0.000*	---	4.16	3.089
4237	21415	68105	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.569
4238	21418	68105	50	215.6	201.5	1.4	0.04	0.000*	---	3.68	1.666
4239	21419	68105	50	385.4	327.2	1.4	0.04	0.000*	---	5.69	11.517
4240	21420	68105	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
4241	21424	68105	50	286.2	253.8	1.4	0.04	0.000*	---	4.54	4.627
4242	21425	68105	50	35.8	68.5	1.4	0.04	0.000*	---	1.35	0.001
4243	21430	68105	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.438
4244	21431	68105	50	492.3	406.3	1.4	0.04	0.000*	---	6.88	21.285
4245	21436	68105	50	250.2	227.1	1.4	0.04	0.000*	---	4.1	2.898
4246	21438	68105	50	272.9	243.9	1.4	0.04	0.000*	---	4.38	3.936
4247	21443	68105	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
4248	21446	68105	50	219.5	204.4	1.4	0.04	0.000*	---	3.73	1.786
4249	21448	68105	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
4250	21449	68105	50	272.2	243.4	1.4	0.04	0.000*	---	4.37	3.899
4251	21450	68105	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
4252	21451	68105	50	336.3	290.9	1.4	0.04	0.000*	---	5.13	7.754
4253	21453	68105	50	468.2	388.5	1.4	0.04	0.000*	---	6.61	18.96
4254	21454	68105	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.069
4255	21457	68105	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.063
4256	21459	68105	50	449.8	374.9	1.4	0.04	0.000*	---	6.41	17.223
4257	21460	68105	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
4258	21466	68105	50	436.9	365.3	1.4	0.04	0.000*	---	6.27	16.029
4259	21470	68105	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.16
4260	21471	68105	50	200.6	190.5	1.4	0.04	0.000*	---	3.49	1.26
4261	21472	68105	50	248.4	225.8	1.4	0.04	0.000*	---	4.08	2.822
4262	21474	68105	50	177.1	173.1	1.4	0.04	0.000*	---	3.2	0.764
4263	21475	68105	50	184.3	178.4	1.4	0.04	0.000*	---	3.29	0.897
4264	21476	68105	50	149.5	152.6	1.4	0.04	0.000*	---	2.85	0.376
4265	21477	68105	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
4266	21478	68105	50	288.9	255.8	1.4	0.04	0.000*	---	4.57	4.776
4267	21480	68105	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
4268	21481	68105	50	308	269.9	1.4	0.04	0.000*	---	4.79	5.887
4269	21483	68105	50	483.3	399.7	1.4	0.04	0.000*	---	6.78	20.414

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4270	21484	68105	50	315.3	275.3	1.4	0.04	0.000*	---	4.88	6.348
4271	21485	68105	50	553.8	451.8	1.4	0.04	0.000*	---	7.53	27.334
4272	21486	68105	50	264.9	238	1.4	0.04	0.000*	---	4.28	3.55
4273	21489	68105	50	159.6	160.1	1.4	0.04	0.000*	---	2.98	0.495
4274	21490	68105	50	278.6	248.1	1.4	0.04	0.000*	---	4.44	4.224
4275	21491	68105	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.433
4276	21492	68105	50	290.5	257	1.4	0.04	0.000*	---	4.59	4.864
4277	21493	68105	50	481.1	398	1.4	0.04	0.000*	---	6.76	20.199
4278	21494	68105	50	406.4	342.7	1.4	0.04	0.000*	---	5.93	13.302
4279	21495	68105	50	135.3	142.1	1.4	0.04	0.000*	---	2.66	0.244
4280	21496	68105	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.221
4281	21497	68105	50	284.1	252.2	1.4	0.04	0.000*	---	4.51	4.514
4282	21498	68105	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
4283	21499	68105	50	425.2	356.6	1.4	0.04	0.000*	---	6.14	14.963
4284	21500	68105	50	313.3	273.9	1.4	0.04	0.000*	---	4.86	6.222
4285	21501	68105	50	573.8	466.6	1.4	0.04	0.000*	---	7.74	29.308
4286	21503	68105	50	398.6	336.9	1.4	0.04	0.000*	---	5.84	12.626
4287	21504	68105	50	313.1	273.7	1.4	0.04	0.000*	---	4.85	6.207
4288	21505	68105	50	212.5	199.3	1.4	0.04	0.000*	---	3.64	1.576
4289	21507	68105	50	467.8	388.2	1.4	0.04	0.000*	---	6.61	18.922
4290	21509	68105	50	217.4	202.9	1.4	0.04	0.000*	---	3.7	1.721
4291	21513	68105	50	473.2	392.2	1.4	0.04	0.000*	---	6.67	19.443
4292	21515	68105	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.334
4293	21516	68105	50	253.6	229.7	1.4	0.04	0.000*	---	4.14	3.043
4294	21517	68105	50	334.9	289.8	1.4	0.04	0.000*	---	5.11	7.654
4295	21519	68105	50	269.7	241.6	1.4	0.04	0.000*	---	4.34	3.781
4296	21524	68105	50	309	270.6	1.4	0.04	0.000*	---	4.81	5.949
4297	21525	68105	50	408.8	344.5	1.4	0.04	0.000*	---	5.96	13.513
4298	21527	68105	50	313	273.6	1.4	0.04	0.000*	---	4.85	6.2
4299	21528	68105	50	411.2	346.3	1.4	0.04	0.000*	---	5.98	13.723
4300	21529	68105	50	369.7	315.6	1.4	0.04	0.000*	---	5.51	10.254
4301	21530	68105	50	278.2	247.9	1.4	0.04	0.000*	---	4.44	4.203
4302	21531	68105	50	219	204.1	1.4	0.04	0.000*	---	3.72	1.77
4303	21533	68105	50	365.1	312.2	1.4	0.04	0.000*	---	5.46	9.893
4304	21535	68105	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
4305	21536	68105	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.046
4306	21538	68105	50	412.1	347	1.4	0.04	0.000*	---	5.99	13.8
4307	21539	68105	50	257	232.2	1.4	0.04	0.000*	---	4.18	3.19
4308	21540	68105	50	464.3	385.6	1.4	0.04	0.000*	---	6.57	18.589
4309	21542	68105	50	338.5	292.5	1.4	0.04	0.000*	---	5.15	7.913
4310	21543	68105	50	269.8	241.6	1.4	0.04	0.000*	---	4.34	3.781
4311	21544	68105	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.994
4312	21545	68105	50	296.7	261.6	1.4	0.04	0.000*	---	4.66	5.216
4313	21546	68105	50	409.8	345.3	1.4	0.04	0.000*	---	5.97	13.598
4314	21548	68105	50	378.3	321.9	1.4	0.04	0.000*	---	5.61	10.938
4315	21549	68105	50	486.1	401.7	1.4	0.04	0.000*	---	6.81	20.678
4316	21550	68105	50	103.2	118.3	1.4	0.04	0.000*	---	2.25	0.074
4317	21551	68105	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.267
4318	21558	68105	50	114.5	126.7	1.4	0.04	0.000*	---	2.39	0.118
4319	21559	68105	50	500.2	412.1	1.4	0.04	0.000*	---	6.96	22.051
4320	21560	68105	50	220.9	205.5	1.4	0.04	0.000*	---	3.74	1.83
4321	21561	68105	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.561
4322	21562	68105	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.35
4323	21563	68105	50	441.9	369	1.4	0.04	0.000*	---	6.33	16.49
4324	21565	68105	50	389.9	330.5	1.4	0.04	0.000*	---	5.74	11.89
4325	21566	68105	50	323.3	281.3	1.4	0.04	0.000*	---	4.97	6.869
4326	21567	68105	50	688	551.1	1.4	0.04	0.000*	---	8.91	40.258
4327	21570	68105	50	324.1	281.9	1.4	0.04	0.000*	---	4.98	6.924
4328	21571	68105	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.034
4329	21574	68105	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.108
4330	21577	68105	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4331	21578	68105	50	571.4	464.8	1.4	0.04	0.000*	---	7.72	29.076
4332	21580	68105	50	280.2	249.4	1.4	0.04	0.000*	---	4.46	4.308
4333	21581	68105	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.152
4334	21583	68105	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.233
4335	21584	68105	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.861
4336	21585	68105	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
4337	21586	68105	50	153.4	155.5	1.4	0.04	0.000*	---	2.9	0.419
4338	21589	68105	50	315.8	275.7	1.4	0.04	0.000*	---	4.89	6.382
4339	21591	68105	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
4340	21594	68105	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.755
4341	21596	68105	50	253.4	229.6	1.4	0.04	0.000*	---	4.14	3.036
4342	21597	68105	50	600.7	486.5	1.4	0.04	0.000*	---	8.02	31.953
4343	21600	68105	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
4344	21601	68105	50	250	227	1.4	0.04	0.000*	---	4.1	2.89
4345	21602	68105	50	577.1	469	1.4	0.04	0.000*	---	7.78	29.636
4346	21603	68105	50	325.3	282.7	1.4	0.04	0.000*	---	5	6.997
4347	21604	68105	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.514
4348	21605	68105	50	248.2	225.6	1.4	0.04	0.000*	---	4.08	2.815
4349	21606	68105	50	164.5	163.7	1.4	0.04	0.000*	---	3.04	0.562
4350	21608	68105	50	163.8	163.2	1.4	0.04	0.000*	---	3.03	0.553
4351	21609	68105	50	329.3	285.7	1.4	0.04	0.000*	---	5.04	7.274
4352	21610	68105	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.954
4353	21612	68105	50	310.4	271.7	1.4	0.04	0.000*	---	4.82	6.035
4354	21613	68105	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
4355	21614	68105	50	514.9	423	1.4	0.04	0.000*	---	7.12	23.498
4356	21615	68105	50	298	262.5	1.4	0.04	0.000*	---	4.68	5.292
4357	21616	68105	50	365.7	312.6	1.4	0.04	0.000*	---	5.47	9.939
4358	21617	68105	50	139.1	144.9	1.4	0.04	0.000*	---	2.71	0.276
4359	21619	68105	50	161.9	161.8	1.4	0.04	0.000*	---	3	0.525
4360	21621	68105	50	416.2	350	1.4	0.04	0.000*	---	6.04	14.157
4361	21623	68105	50	394.7	334.1	1.4	0.04	0.000*	---	5.8	12.297
4362	21624	68105	50	407.7	343.7	1.4	0.04	0.000*	---	5.94	13.417
4363	21625	68105	50	413	347.6	1.4	0.04	0.000*	---	6	13.874
4364	21626	68105	50	398.8	337.1	1.4	0.04	0.000*	---	5.84	12.644
4365	21630	68105	50	262.3	236.1	1.4	0.04	0.000*	---	4.25	3.427
4366	21632	68105	50	477.5	395.4	1.4	0.04	0.000*	---	6.72	19.854
4367	21633	68105	50	204.6	193.4	1.4	0.04	0.000*	---	3.54	1.361
4368	21634	68105	50	507.9	417.9	1.4	0.04	0.000*	---	7.05	22.811
4369	21636	68105	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
4370	21638	68105	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.382
4371	21639	68105	50	345.4	297.6	1.4	0.04	0.000*	---	5.23	8.407
4372	21640	68105	50	252.1	228.6	1.4	0.04	0.000*	---	4.13	2.978
4373	21641	68105	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.814
4374	21643	68105	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.972
4375	21645	68105	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.734
4376	21646	68105	50	192.7	184.6	1.4	0.04	0.000*	---	3.39	1.074
4377	21649	68105	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
4378	21653	68105	50	103.2	118.4	1.4	0.04	0.000*	---	2.25	0.075
4379	21654	68105	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.82
4380	21655	68105	50	518.6	425.8	1.4	0.04	0.000*	---	7.16	23.861
4381	21657	68105	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.024
4382	21658	68105	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
4383	21660	68105	50	497.9	410.5	1.4	0.04	0.000*	---	6.94	21.83
4384	21662	68105	50	434.1	363.2	1.4	0.04	0.000*	---	6.24	15.769
4385	21663	68105	50	385.1	327	1.4	0.04	0.000*	---	5.69	11.5
4386	21665	68105	50	220.8	205.4	1.4	0.04	0.000*	---	3.74	1.826
4387	21667	68105	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.819
4388	21669	68105	50	302	265.5	1.4	0.04	0.000*	---	4.72	5.525
4389	21672	68105	50	299.1	263.4	1.4	0.04	0.000*	---	4.69	5.356
4390	21673	68105	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.854
4391	21674	68105	50	459.5	382	1.4	0.04	0.000*	---	6.52	18.133

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4392	21675	68105	50	403.9	340.9	1.4	0.04	0.000*	---	5.9	13.087
4393	21676	68105	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.929
4394	21677	68105	50	356.9	306.1	1.4	0.04	0.000*	---	5.36	9.257
4395	21678	68105	50	106.7	120.9	1.4	0.04	0.000*	---	2.29	0.086
4396	21679	68105	50	155.2	156.9	1.4	0.04	0.000*	---	2.92	0.441
4397	21683	68105	50	433.7	362.9	1.4	0.04	0.000*	---	6.23	15.735
4398	21687	68105	50	508.5	418.3	1.4	0.04	0.000*	---	7.05	22.866
4399	21688	68105	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.449
4400	21689	68105	50	446.8	372.6	1.4	0.04	0.000*	---	6.38	16.941
4401	21690	68105	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.252
4402	21691	68105	50	138.6	144.5	1.4	0.04	0.000*	---	2.71	0.271
4403	21692	68105	50	230.4	212.5	1.4	0.04	0.000*	---	3.86	2.143
4404	21693	68105	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
4405	21698	68105	50	232.3	213.9	1.4	0.04	0.000*	---	3.88	2.209
4406	21699	68105	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
4407	21700	68105	50	317.2	276.8	1.4	0.04	0.000*	---	4.9	6.472
4408	21701	68105	50	235.7	216.4	1.4	0.04	0.000*	---	3.93	2.331
4409	21704	68105	50	385.4	327.2	1.4	0.04	0.000*	---	5.69	11.522
4410	21705	68105	50	465	386.1	1.4	0.04	0.000*	---	6.58	18.658
4411	21706	68105	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.693
4412	21707	68105	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.172
4413	21708	68105	50	461.4	383.5	1.4	0.04	0.000*	---	6.54	18.318
4414	21709	68105	50	415	349.1	1.4	0.04	0.000*	---	6.03	14.055
4415	21710	68105	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.911
4416	21711	68105	50	150.3	153.2	1.4	0.04	0.000*	---	2.86	0.384
4417	21713	68105	50	212.8	199.5	1.4	0.04	0.000*	---	3.64	1.585
4418	21714	68105	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.935
4419	21715	68105	50	678.6	544.2	1.4	0.04	0.000*	---	8.81	39.395
4420	21718	68105	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.213
4421	21719	68105	50	591.9	480	1.4	0.04	0.000*	---	7.93	31.098
4422	21720	68105	50	304.1	267	1.4	0.04	0.000*	---	4.75	5.65
4423	21722	68105	50	352.8	303.1	1.4	0.04	0.000*	---	5.32	8.952
4424	21723	68105	50	1134.9	881.8	1.4	0.04	0.000*	---	12.98	71.044
4425	21724	68105	50	346.9	298.7	1.4	0.04	0.000*	---	5.25	8.512
4426	21725	68105	50	393.5	333.2	1.4	0.04	0.000*	---	5.78	12.199
4427	21726	68105	50	345.3	297.5	1.4	0.04	0.000*	---	5.23	8.398
4428	21727	68105	50	233.3	214.6	1.4	0.04	0.000*	---	3.9	2.244
4429	21728	68105	50	182.3	176.9	1.4	0.04	0.000*	---	3.26	0.858
4430	21730	68105	50	175.2	171.6	1.4	0.04	0.000*	---	3.17	0.73
4431	21734	68105	50	153.6	155.7	1.4	0.04	0.000*	---	2.9	0.421
4432	21735	68105	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.951
4433	21736	68105	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
4434	21739	68105	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.576
4435	21740	68105	50	250.1	227.1	1.4	0.04	0.000*	---	4.1	2.894
4436	21742	68105	50	313	273.7	1.4	0.04	0.000*	---	4.85	6.204
4437	21744	68105	50	118.6	129.7	1.4	0.04	0.000*	---	2.45	0.137
4438	21745	68105	50	240.4	219.9	1.4	0.04	0.000*	---	3.98	2.509
4439	21747	68105	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.381
4440	21748	68105	50	368.3	314.6	1.4	0.04	0.000*	---	5.5	10.144
4441	21749	68105	50	362.1	310	1.4	0.04	0.000*	---	5.42	9.66
4442	21750	68105	50	1635.1	1251.9	1.4	0.04	0.000*	---	16.84	86.63
4443	21751	68105	50	965.1	756.2	1.4	0.04	0.000*	---	11.51	61.774
4444	21752	68105	50	306.9	269.1	1.4	0.04	0.000*	---	4.78	5.819
4445	21753	68105	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
4446	21754	68105	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
4447	21755	68105	50	357.5	306.5	1.4	0.04	0.000*	---	5.37	9.305
4448	21757	68105	50	232.1	213.8	1.4	0.04	0.000*	---	3.88	2.203
4449	21758	68105	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.793
4450	21759	68105	50	343.8	296.4	1.4	0.04	0.000*	---	5.21	8.291
4451	21760	68105	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.276
4452	21761	68105	50	223.6	207.4	1.4	0.04	0.000*	---	3.78	1.914

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4453	21764	68105	50	326.9	283.9	1.4	0.04	0.000*	---	5.02	7.107
4454	21766	68105	50	184.7	178.6	1.4	0.04	0.000*	---	3.29	0.905
4455	21768	68105	50	403.1	340.3	1.4	0.04	0.000*	---	5.89	13.013
4456	21770	68105	50	242.6	221.5	1.4	0.04	0.000*	---	4.01	2.593
4457	21772	68105	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.496
4458	21773	68105	50	667.1	535.6	1.4	0.04	0.000*	---	8.7	38.322
4459	21776	68105	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.796
4460	21777	68105	50	156	157.5	1.4	0.04	0.000*	---	2.93	0.45
4461	21778	68105	50	321	279.5	1.4	0.04	0.000*	---	4.95	6.713
4462	21779	68105	50	483	399.4	1.4	0.04	0.000*	---	6.78	20.377
4463	21782	68105	50	396.7	335.5	1.4	0.04	0.000*	---	5.82	12.467
4464	21783	68105	50	242.4	221.4	1.4	0.04	0.000*	---	4.01	2.586
4465	21786	68105	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.727
4466	21788	68105	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.591
4467	21789	68105	50	200.9	190.7	1.4	0.04	0.000*	---	3.5	1.267
4468	21790	68105	50	365.7	312.6	1.4	0.04	0.000*	---	5.47	9.934
4469	21793	68105	50	251	227.7	1.4	0.04	0.000*	---	4.11	2.931
4470	21794	68105	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.421
4471	21795	68105	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
4472	21799	68105	50	383.5	325.8	1.4	0.04	0.000*	---	5.67	11.366
4473	21800	68105	50	102.4	117.8	1.4	0.04	0.000*	---	2.24	0.072
4474	21801	68105	50	246.6	224.5	1.4	0.04	0.000*	---	4.06	2.751
4475	21804	68105	50	273.3	244.2	1.4	0.04	0.000*	---	4.38	3.955
4476	21807	68105	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.311
4477	21810	68105	50	414.7	348.9	1.4	0.04	0.000*	---	6.02	14.026
4478	21811	68105	50	484.2	400.3	1.4	0.04	0.000*	---	6.79	20.502
4479	21812	68105	50	260.7	234.9	1.4	0.04	0.000*	---	4.23	3.355
4480	21814	68105	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.703
4481	21815	68105	50	684.2	548.3	1.4	0.04	0.000*	---	8.87	39.912
4482	21816	68105	50	321.5	279.9	1.4	0.04	0.000*	---	4.95	6.746
4483	21817	68105	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.683
4484	21818	68105	50	340.7	294.1	1.4	0.04	0.000*	---	5.18	8.066
4485	21819	68105	50	644.2	518.7	1.4	0.04	0.000*	---	8.47	36.161
4486	21820	68105	50	288	255.1	1.4	0.04	0.000*	---	4.56	4.727
4487	21822	68105	50	1193.6	925.2	1.4	0.04	0.000*	---	13.46	73.661
4488	21823	68105	50	191.8	183.9	1.4	0.04	0.000*	---	3.38	1.054
4489	21824	68105	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
4490	21825	68105	50	451.1	375.8	1.4	0.04	0.000*	---	6.43	17.345
4491	21827	68105	50	312.6	273.4	1.4	0.04	0.000*	---	4.85	6.178
4492	21828	68105	50	511.3	420.3	1.4	0.04	0.000*	---	7.08	23.136
4493	21831	68105	50	217.6	203	1.4	0.04	0.000*	---	3.7	1.726
4494	21832	68105	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
4495	21836	68105	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
4496	21838	68105	50	400.2	338.1	1.4	0.04	0.000*	---	5.86	12.763
4497	21840	68105	50	354.4	304.2	1.4	0.04	0.000*	---	5.34	9.069
4498	21841	68105	50	354	304	1.4	0.04	0.000*	---	5.33	9.044
4499	21844	68105	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.633
4500	21847	68105	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.789
4501	21849	68105	50	605.5	490.1	1.4	0.04	0.000*	---	8.07	32.429
4502	21850	68105	50	487.7	402.9	1.4	0.04	0.000*	---	6.83	20.836
4503	21853	68105	50	724.5	578.2	1.4	0.04	0.000*	---	9.27	43.56
4504	21854	68105	50	286.5	254	1.4	0.04	0.000*	---	4.54	4.644
4505	21855	68105	50	324.6	282.2	1.4	0.04	0.000*	---	4.99	6.956
4506	21857	68105	50	152.1	154.6	1.4	0.04	0.000*	---	2.88	0.404
4507	21858	68105	50	113.6	126.1	1.4	0.04	0.000*	---	2.38	0.114
4508	21859	68105	50	487.3	402.6	1.4	0.04	0.000*	---	6.82	20.8
4509	21860	68105	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
4510	21864	68105	50	202.5	191.8	1.4	0.04	0.000*	---	3.52	1.306
4511	21865	68105	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.855
4512	21866	68105	50	332.2	287.9	1.4	0.04	0.000*	---	5.08	7.473
4513	21867	68105	50	286.5	254	1.4	0.04	0.000*	---	4.54	4.64

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4514	21868	68105	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.805
4515	21869	68105	50	222.7	206.8	1.4	0.04	0.000*	---	3.77	1.886
4516	21873	68105	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.181
4517	21874	68105	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.978
4518	21875	68105	50	226	209.2	1.4	0.04	0.000*	---	3.81	1.993
4519	21877	68105	50	292.5	258.5	1.4	0.04	0.000*	---	4.61	4.977
4520	21878	68105	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.114
4521	21880	68105	50	149.3	152.5	1.4	0.04	0.000*	---	2.84	0.374
4522	21881	68105	50	165.2	164.2	1.4	0.04	0.000*	---	3.05	0.572
4523	21882	68105	50	306.5	268.8	1.4	0.04	0.000*	---	4.78	5.799
4524	21883	68105	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.281
4525	21884	68105	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.951
4526	21885	68105	50	223.3	207.3	1.4	0.04	0.000*	---	3.77	1.906
4527	21887	68105	50	119.9	130.7	1.4	0.04	0.000*	---	2.46	0.144
4528	21888	68105	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
4529	21889	68105	50	409	344.7	1.4	0.04	0.000*	---	5.96	13.53
4530	21893	68105	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.556
4531	21895	68105	50	158.8	159.5	1.4	0.04	0.000*	---	2.97	0.485
4532	21896	68105	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.964
4533	21899	68105	50	282.2	250.9	1.4	0.04	0.000*	---	4.49	4.415
4534	21900	68105	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.877
4535	21901	68105	50	331.2	287.1	1.4	0.04	0.000*	---	5.07	7.399
4536	21903	68105	50	200.2	190.1	1.4	0.04	0.000*	---	3.49	1.249
4537	21904	68105	50	249.3	226.5	1.4	0.04	0.000*	---	4.09	2.862
4538	21908	68105	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.307
4539	21911	68105	50	239.8	219.4	1.4	0.04	0.000*	---	3.97	2.483
4540	21912	68105	50	353.3	303.5	1.4	0.04	0.000*	---	5.32	8.989
4541	21913	68105	50	363.8	311.2	1.4	0.04	0.000*	---	5.44	9.791
4542	21915	68105	50	498.9	411.1	1.4	0.04	0.000*	---	6.95	21.922
4543	21916	68105	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.843
4544	21921	68105	50	308.9	270.6	1.4	0.04	0.000*	---	4.81	5.947
4545	21922	68105	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.148
4546	21923	68105	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
4547	21925	68105	50	254.8	230.6	1.4	0.04	0.000*	---	4.16	3.094
4548	21926	68105	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.088
4549	21927	68105	50	203.2	192.4	1.4	0.04	0.000*	---	3.52	1.324
4550	21928	68105	50	271.1	242.6	1.4	0.04	0.000*	---	4.36	3.849
4551	21929	68105	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.008
4552	21930	68105	50	386.2	327.8	1.4	0.04	0.000*	---	5.7	11.585
4553	21931	68105	50	2969.6	2239.5	1.4	0.04	0.000*	---	24.93	97.403
4554	21932	68105	50	426	357.2	1.4	0.04	0.000*	---	6.15	15.033
4555	21933	68105	50	246.7	224.6	1.4	0.04	0.000*	---	4.06	2.757
4556	21934	68105	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.627
4557	21936	68105	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.525
4558	21937	68105	50	304.8	267.6	1.4	0.04	0.000*	---	4.76	5.696
4559	21938	68105	50	900.5	708.3	1.4	0.04	0.000*	---	10.93	57.494
4560	21941	68105	50	200.7	190.5	1.4	0.04	0.000*	---	3.49	1.262
4561	21944	68105	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.236
4562	21946	68105	50	274.1	244.8	1.4	0.04	0.000*	---	4.39	3.995
4563	21948	68105	50	258.7	233.4	1.4	0.04	0.000*	---	4.2	3.265
4564	21950	68105	50	134.4	141.5	1.4	0.04	0.000*	---	2.65	0.238
4565	21951	68105	50	550.7	449.5	1.4	0.04	0.000*	---	7.5	27.03
4566	21952	68105	50	228	210.7	1.4	0.04	0.000*	---	3.83	2.059
4567	21954	68105	50	119.3	130.3	1.4	0.04	0.000*	---	2.46	0.141
4568	21956	68105	50	198.7	189	1.4	0.04	0.000*	---	3.47	1.213
4569	21958	68105	50	328.7	285.2	1.4	0.04	0.000*	---	5.04	7.23
4570	21961	68105	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
4571	21962	68105	50	49.5	78.6	1.4	0.04	0.000*	---	1.53	0.003
4572	21965	68105	50	545.5	445.7	1.4	0.04	0.000*	---	7.45	26.517
4573	21966	68105	50	372	317.3	1.4	0.04	0.000*	---	5.54	10.435
4574	21967	68105	50	420.9	353.5	1.4	0.04	0.000*	---	6.09	14.58

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4575	21969	68105	50	572.1	465.4	1.4	0.04	0.000*	---	7.73	29.149
4576	21971	68105	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
4577	21979	68105	50	295.1	260.4	1.4	0.04	0.000*	---	4.64	5.126
4578	21980	68105	50	421.2	353.7	1.4	0.04	0.000*	---	6.09	14.607
4579	21981	68105	50	593.7	481.3	1.4	0.04	0.000*	---	7.95	31.271
4580	21983	68105	50	659.2	529.8	1.4	0.04	0.000*	---	8.62	37.584
4581	21985	68105	50	242.1	221.2	1.4	0.04	0.000*	---	4	2.575
4582	21986	68105	50	1683.7	1288	1.4	0.04	0.000*	---	17.19	87.538
4583	21989	68105	50	456.1	379.5	1.4	0.04	0.000*	---	6.48	17.81
4584	21990	68105	50	354.4	304.3	1.4	0.04	0.000*	---	5.34	9.072
4585	21991	68105	50	496.2	409.2	1.4	0.04	0.000*	---	6.92	21.667
4586	21993	68105	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
4587	21994	68105	50	398.6	337	1.4	0.04	0.000*	---	5.84	12.629
4588	21995	68105	50	400	338	1.4	0.04	0.000*	---	5.86	12.746
4589	21996	68105	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.51
4590	21997	68105	50	485.2	401	1.4	0.04	0.000*	---	6.8	20.591
4591	21998	68105	50	239.6	219.3	1.4	0.04	0.000*	---	3.97	2.477
4592	21999	68105	50	199.3	189.4	1.4	0.04	0.000*	---	3.48	1.226
4593	22001	68105	50	462.3	384.1	1.4	0.04	0.000*	---	6.55	18.399
4594	22004	68105	50	369.1	315.1	1.4	0.04	0.000*	---	5.51	10.206
4595	22005	68105	50	608.3	492.2	1.4	0.04	0.000*	---	8.1	32.7
4596	22006	68105	50	321.8	280.1	1.4	0.04	0.000*	---	4.96	6.766
4597	22007	68105	50	298.8	263.1	1.4	0.04	0.000*	---	4.69	5.336
4598	22008	68105	50	403.2	340.4	1.4	0.04	0.000*	---	5.89	13.028
4599	22009	68105	50	232.7	214.2	1.4	0.04	0.000*	---	3.89	2.224
4600	22010	68105	50	423.9	355.7	1.4	0.04	0.000*	---	6.12	14.846
4601	22013	68105	50	144.9	149.3	1.4	0.04	0.000*	---	2.79	0.329
4602	22014	68105	50	235	215.9	1.4	0.04	0.000*	---	3.92	2.307
4603	22015	68105	50	438.2	366.3	1.4	0.04	0.000*	---	6.28	16.15
4604	22017	68105	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.203
4605	22018	68105	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.129
4606	22019	68105	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.717
4607	22021	68105	50	403.6	340.6	1.4	0.04	0.000*	---	5.9	13.057
4608	22022	68105	50	339.1	293	1.4	0.04	0.000*	---	5.16	7.955
4609	22024	68105	50	636.7	513.2	1.4	0.04	0.000*	---	8.39	35.447
4610	22025	68105	50	408.6	344.4	1.4	0.04	0.000*	---	5.95	13.492
4611	22026	68105	50	163.8	163.2	1.4	0.04	0.000*	---	3.03	0.553
4612	22027	68105	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.819
4613	22028	68105	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.229
4614	22030	68105	50	742.8	591.7	1.4	0.04	0.000*	---	9.44	45.156
4615	22031	68105	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
4616	22034	68105	50	343.8	296.5	1.4	0.04	0.000*	---	5.21	8.293
4617	22036	68105	50	67.8	92.2	1.4	0.04	0.000*	---	1.78	0.012
4618	22037	68105	50	227.5	210.3	1.4	0.04	0.000*	---	3.82	2.042
4619	22039	68105	50	434.5	363.5	1.4	0.04	0.000*	---	6.24	15.808
4620	22040	68105	50	435.9	364.6	1.4	0.04	0.000*	---	6.26	15.939
4621	22041	68105	50	425.4	356.8	1.4	0.04	0.000*	---	6.14	14.982
4622	22042	68105	50	305.6	268.1	1.4	0.04	0.000*	---	4.77	5.743
4623	22043	68105	50	484.6	400.6	1.4	0.04	0.000*	---	6.79	20.54
4624	22044	68105	50	278.6	248.2	1.4	0.04	0.000*	---	4.44	4.225
4625	22046	68105	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.698
4626	22047	68105	50	292.2	258.2	1.4	0.04	0.000*	---	4.61	4.958
4627	22049	68105	50	482	398.7	1.4	0.04	0.000*	---	6.77	20.285
4628	22052	68105	50	327.1	284	1.4	0.04	0.000*	---	5.02	7.121
4629	22053	68105	50	409.8	345.3	1.4	0.04	0.000*	---	5.97	13.598
4630	22054	68105	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
4631	22055	68105	50	216.2	202	1.4	0.04	0.000*	---	3.69	1.684
4632	22056	68105	50	171	168.5	1.4	0.04	0.000*	---	3.12	0.66
4633	22057	68105	50	222.8	206.8	1.4	0.04	0.000*	---	3.77	1.887
4634	22058	68105	50	537.9	440	1.4	0.04	0.000*	---	7.36	25.759
4635	22060	68105	50	638.8	514.7	1.4	0.04	0.000*	---	8.41	35.64

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4636	22061	68105	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.671
4637	22065	68105	50	290.4	256.9	1.4	0.04	0.000*	---	4.59	4.859
4638	22069	68105	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.422
4639	22070	68105	50	344.7	297.1	1.4	0.04	0.000*	---	5.22	8.357
4640	22072	68105	50	234.1	215.2	1.4	0.04	0.000*	---	3.91	2.272
4641	22073	68105	50	319.1	278.1	1.4	0.04	0.000*	---	4.92	6.589
4642	22074	68105	50	1194.2	925.7	1.4	0.04	0.000*	---	13.47	73.69
4643	22076	68105	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.313
4644	22077	68105	50	414.6	348.8	1.4	0.04	0.000*	---	6.02	14.023
4645	22079	68105	50	438.5	366.5	1.4	0.04	0.000*	---	6.29	16.179
4646	22080	68105	50	399.6	337.7	1.4	0.04	0.000*	---	5.85	12.717
4647	22081	68105	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.013
4648	22084	68105	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.396
4649	22085	68105	50	507.3	417.4	1.4	0.04	0.000*	---	7.04	22.751
4650	22089	68105	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.911
4651	22091	68105	50	319.3	278.3	1.4	0.04	0.000*	---	4.93	6.605
4652	22092	68105	50	432.4	362	1.4	0.04	0.000*	---	6.22	15.62
4653	22093	68105	50	223.6	207.4	1.4	0.04	0.000*	---	3.78	1.914
4654	22097	68105	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.543
4655	22098	68105	50	463	384.6	1.4	0.04	0.000*	---	6.56	18.462
4656	22101	68105	50	142.3	147.3	1.4	0.04	0.000*	---	2.75	0.304
4657	22102	68105	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.8
4658	22105	68105	50	461.5	383.5	1.4	0.04	0.000*	---	6.54	18.322
4659	22106	68105	50	447	372.8	1.4	0.04	0.000*	---	6.38	16.967
4660	22109	68105	50	729.5	581.8	1.4	0.04	0.000*	---	9.31	43.998
4661	22114	68105	50	259	233.6	1.4	0.04	0.000*	---	4.21	3.279
4662	22117	68105	50	613	495.6	1.4	0.04	0.000*	---	8.15	33.154
4663	22119	68105	50	202.9	192.1	1.4	0.04	0.000*	---	3.52	1.316
4664	22120	68105	50	244	222.6	1.4	0.04	0.000*	---	4.03	2.649
4665	22121	68105	50	485.4	401.2	1.4	0.04	0.000*	---	6.8	20.61
4666	22124	68105	50	402.6	339.9	1.4	0.04	0.000*	---	5.89	12.969
4667	22128	68105	50	110.1	123.4	1.4	0.04	0.000*	---	2.34	0.099
4668	22129	68105	50	673.9	540.7	1.4	0.04	0.000*	---	8.77	38.962
4669	22131	68105	50	141	146.3	1.4	0.04	0.000*	---	2.74	0.292
4670	22133	68105	50	462.3	384.1	1.4	0.04	0.000*	---	6.55	18.399
4671	22134	68105	50	489.7	404.4	1.4	0.04	0.000*	---	6.85	21.031
4672	22135	68105	50	568.7	462.9	1.4	0.04	0.000*	---	7.69	28.814
4673	22138	68105	50	236.1	216.7	1.4	0.04	0.000*	---	3.93	2.346
4674	22139	68105	50	535.2	438	1.4	0.04	0.000*	---	7.34	25.493
4675	22141	68105	50	412.1	347	1.4	0.04	0.000*	---	5.99	13.801
4676	22142	68105	50	156.7	157.9	1.4	0.04	0.000*	---	2.94	0.458
4677	22143	68105	50	361	309.1	1.4	0.04	0.000*	---	5.41	9.571
4678	22145	68105	50	195.3	186.6	1.4	0.04	0.000*	---	3.43	1.134
4679	22147	68105	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.603
4680	22148	68105	50	581	471.9	1.4	0.04	0.000*	---	7.82	30.019
4681	22149	68105	50	348.2	299.7	1.4	0.04	0.000*	---	5.26	8.613
4682	22152	68105	50	354.7	304.5	1.4	0.04	0.000*	---	5.34	9.092
4683	22153	68105	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.799
4684	22154	68105	50	520	426.8	1.4	0.04	0.000*	---	7.17	23.994
4685	22161	68105	50	558.4	455.3	1.4	0.04	0.000*	---	7.58	27.796
4686	22162	68105	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.552
4687	22163	68105	50	370.1	315.9	1.4	0.04	0.000*	---	5.52	10.28
4688	22164	68105	50	336.7	291.1	1.4	0.04	0.000*	---	5.13	7.782
4689	22165	68105	50	491.8	405.9	1.4	0.04	0.000*	---	6.87	21.229
4690	22167	68105	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.315
4691	22170	68105	50	352.2	302.6	1.4	0.04	0.000*	---	5.31	8.906
4692	22171	68105	50	613	495.6	1.4	0.04	0.000*	---	8.15	33.159
4693	22172	68105	50	161.7	161.6	1.4	0.04	0.000*	---	3	0.523
4694	22173	68105	50	442.6	369.5	1.4	0.04	0.000*	---	6.33	16.55
4695	22174	68105	50	162.9	162.6	1.4	0.04	0.000*	---	3.02	0.54
4696	22175	68105	50	319.8	278.6	1.4	0.04	0.000*	---	4.93	6.635

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4697	22177	68105	50	327	284	1.4	0.04	0.000*	---	5.02	7.112
4698	22179	68105	50	450.5	375.4	1.4	0.04	0.000*	---	6.42	17.286
4699	22180	68105	50	250.4	227.3	1.4	0.04	0.000*	---	4.11	2.909
4700	22181	68105	50	492.1	406.1	1.4	0.04	0.000*	---	6.87	21.261
4701	22182	68105	50	458.1	381	1.4	0.04	0.000*	---	6.5	18.003
4702	22183	68105	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.883
4703	22184	68105	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.732
4704	22185	68105	50	494.1	407.6	1.4	0.04	0.000*	---	6.9	21.457
4705	22186	68105	50	366.2	313	1.4	0.04	0.000*	---	5.47	9.973
4706	22189	68105	50	250.2	227.1	1.4	0.04	0.000*	---	4.1	2.897
4707	22191	68105	50	457.2	380.3	1.4	0.04	0.000*	---	6.49	17.914
4708	22192	68105	50	493.5	407.2	1.4	0.04	0.000*	---	6.89	21.403
4709	22193	68105	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49
4710	22199	68105	50	133.4	140.7	1.4	0.04	0.000*	---	2.64	0.23
4711	22200	68105	50	443.1	369.9	1.4	0.04	0.000*	---	6.34	16.604
4712	22204	68105	50	240.2	219.8	1.4	0.04	0.000*	---	3.98	2.501
4713	22208	68105	50	449.5	374.6	1.4	0.04	0.000*	---	6.41	17.193
4714	22209	68105	50	363	310.6	1.4	0.04	0.000*	---	5.43	9.725
4715	22210	68105	50	419.4	352.4	1.4	0.04	0.000*	---	6.08	14.448
4716	22211	68105	50	383.2	325.5	1.4	0.04	0.000*	---	5.67	11.336
4717	22212	68105	50	378	321.7	1.4	0.04	0.000*	---	5.61	10.912
4718	22213	68105	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
4719	22215	68105	50	451.9	376.4	1.4	0.04	0.000*	---	6.44	17.42
4720	22216	68105	50	129.1	137.6	1.4	0.04	0.000*	---	2.58	0.2
4721	22217	68105	50	224	207.7	1.4	0.04	0.000*	---	3.78	1.927
4722	22223	68105	50	552.6	451	1.4	0.04	0.000*	---	7.52	27.222
4723	22226	68105	50	322.3	280.5	1.4	0.04	0.000*	---	4.96	6.801
4724	22227	68105	50	597.8	484.4	1.4	0.04	0.000*	---	7.99	31.676
4725	22229	68105	50	298.2	262.6	1.4	0.04	0.000*	---	4.68	5.301
4726	22230	68105	50	509.5	419.1	1.4	0.04	0.000*	---	7.06	22.969
4727	22231	68105	50	286.9	254.3	1.4	0.04	0.000*	---	4.54	4.665
4728	22232	68105	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
4729	22233	68105	50	216.3	202.1	1.4	0.04	0.000*	---	3.69	1.687
4730	22234	68105	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.402
4731	22237	68105	50	530.7	434.7	1.4	0.04	0.000*	---	7.29	25.054
4732	22238	68105	50	333.5	288.8	1.4	0.04	0.000*	---	5.09	7.558
4733	22240	68105	50	722	576.3	1.4	0.04	0.000*	---	9.24	43.334
4734	22242	68105	50	412.2	347	1.4	0.04	0.000*	---	5.99	13.804
4735	22243	68105	50	336.4	290.9	1.4	0.04	0.000*	---	5.13	7.76
4736	22244	68105	50	328.7	285.3	1.4	0.04	0.000*	---	5.04	7.231
4737	22245	68105	50	357.5	306.6	1.4	0.04	0.000*	---	5.37	9.309
4738	22246	68105	50	325	282.5	1.4	0.04	0.000*	---	4.99	6.98
4739	22247	68105	50	394.7	334.1	1.4	0.04	0.000*	---	5.8	12.299
4740	22249	68105	50	513	421.6	1.4	0.04	0.000*	---	7.1	23.31
4741	22250	68105	50	535	437.9	1.4	0.04	0.000*	---	7.33	25.48
4742	22252	68105	50	639.1	515	1.4	0.04	0.000*	---	8.42	35.676
4743	22255	68105	50	247.7	225.3	1.4	0.04	0.000*	---	4.07	2.798
4744	22258	68105	50	631.6	509.4	1.4	0.04	0.000*	---	8.34	34.953
4745	22259	68105	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.078
4746	22262	68105	50	184.1	178.3	1.4	0.04	0.000*	---	3.29	0.894
4747	22266	68105	50	151.7	154.3	1.4	0.04	0.000*	---	2.88	0.4
4748	22267	68105	50	1154.3	896.2	1.4	0.04	0.000*	---	13.14	71.938
4749	22273	68105	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.366
4750	22275	68105	50	388	329.1	1.4	0.04	0.000*	---	5.72	11.733
4751	22276	68105	50	486.3	401.9	1.4	0.04	0.000*	---	6.81	20.704
4752	22277	68105	50	226.7	209.8	1.4	0.04	0.000*	---	3.81	2.016
4753	22279	68105	50	362.4	310.1	1.4	0.04	0.000*	---	5.43	9.678
4754	22280	68105	50	484.9	400.8	1.4	0.04	0.000*	---	6.8	20.563
4755	22284	68105	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.37
4756	22286	68105	50	323.3	281.2	1.4	0.04	0.000*	---	4.97	6.866
4757	22290	68105	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.671

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4758	22293	68105	50	435.4	364.2	1.4	0.04	0.000*	---	6.25	15.892
4759	22295	68105	50	384.3	326.4	1.4	0.04	0.000*	---	5.68	11.433
4760	22298	68105	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
4761	22300	68105	50	220.7	205.3	1.4	0.04	0.000*	---	3.74	1.823
4762	22303	68105	50	228	210.7	1.4	0.04	0.000*	---	3.83	2.059
4763	22311	68105	50	35.5	68.3	1.4	0.04	0.000*	---	1.34	0.001
4764	22317	68105	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
4765	22318	68105	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.585
4766	22320	68105	50	419.5	352.4	1.4	0.04	0.000*	---	6.08	14.455
4767	22325	68105	50	451.6	376.1	1.4	0.04	0.000*	---	6.43	17.387
4768	22326	68105	50	462.6	384.3	1.4	0.04	0.000*	---	6.55	18.427
4769	22329	68105	50	254.8	230.6	1.4	0.04	0.000*	---	4.16	3.096
4770	22330	68105	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.233
4771	22331	68105	50	628.6	507.2	1.4	0.04	0.000*	---	8.31	34.664
4772	22332	68105	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.101
4773	22334	68105	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.545
4774	22337	68105	50	558.2	455	1.4	0.04	0.000*	---	7.58	27.768
4775	22339	68105	50	245.2	223.4	1.4	0.04	0.000*	---	4.04	2.693
4776	22342	68105	50	457.5	380.6	1.4	0.04	0.000*	---	6.5	17.949
4777	22344	68105	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
4778	22345	68105	50	416.6	350.3	1.4	0.04	0.000*	---	6.04	14.196
4779	22346	68105	50	523.2	429.1	1.4	0.04	0.000*	---	7.21	24.308
4780	22348	68105	50	258.3	233.2	1.4	0.04	0.000*	---	4.2	3.25
4781	22352	68105	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.48
4782	22353	68105	50	133.8	141	1.4	0.04	0.000*	---	2.64	0.233
4783	22356	68105	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.375
4784	22357	68105	50	555.2	452.9	1.4	0.04	0.000*	---	7.55	27.479
4785	22358	68105	50	537	439.4	1.4	0.04	0.000*	---	7.36	25.671
4786	22359	68105	50	545.4	445.6	1.4	0.04	0.000*	---	7.44	26.506
4787	22361	68105	50	240	219.6	1.4	0.04	0.000*	---	3.98	2.492
4788	22362	68105	50	191.7	183.8	1.4	0.04	0.000*	---	3.38	1.051
4789	22363	68105	50	194.5	185.9	1.4	0.04	0.000*	---	3.42	1.115
4790	22365	68105	50	186.4	179.9	1.4	0.04	0.000*	---	3.31	0.94
4791	22367	68105	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
4792	22369	68105	50	521.5	427.9	1.4	0.04	0.000*	---	7.19	24.144
4793	22370	68105	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.172
4794	22372	68105	50	408.4	344.2	1.4	0.04	0.000*	---	5.95	13.477
4795	22373	68105	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
4796	22377	68105	50	878	691.7	1.4	0.04	0.000*	---	10.72	55.899
4797	22378	68105	50	297.4	262.1	1.4	0.04	0.000*	---	4.67	5.256
4798	22382	68105	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
4799	22383	68105	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.568
4800	22384	68105	50	879.3	692.7	1.4	0.04	0.000*	---	10.73	55.995
4801	22385	68105	50	304.5	267.3	1.4	0.04	0.000*	---	4.75	5.675
4802	22386	68105	50	316.7	276.3	1.4	0.04	0.000*	---	4.9	6.435
4803	22387	68105	50	730.4	582.5	1.4	0.04	0.000*	---	9.32	44.073
4804	22389	68105	50	318.3	277.5	1.4	0.04	0.000*	---	4.92	6.538
4805	22390	68105	50	310.6	271.9	1.4	0.04	0.000*	---	4.83	6.054
4806	22391	68105	50	403.7	340.7	1.4	0.04	0.000*	---	5.9	13.066
4807	22393	68105	50	320.5	279.1	1.4	0.04	0.000*	---	4.94	6.681
4808	22396	68105	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.032
4809	22398	68105	50	378.6	322.2	1.4	0.04	0.000*	---	5.61	10.965
4810	22399	68105	50	321.8	280.1	1.4	0.04	0.000*	---	4.96	6.766
4811	22400	68105	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.76
4812	22401	68105	50	454.7	378.5	1.4	0.04	0.000*	---	6.47	17.678
4813	22402	68105	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
4814	22404	68105	50	659.1	529.7	1.4	0.04	0.000*	---	8.62	37.568
4815	22405	68105	50	820.6	649.3	1.4	0.04	0.000*	---	10.19	51.585
4816	22406	68105	50	254.6	230.4	1.4	0.04	0.000*	---	4.16	3.087
4817	22407	68105	50	334.7	289.7	1.4	0.04	0.000*	---	5.11	7.644
4818	22408	68105	50	136.6	143	1.4	0.04	0.000*	---	2.68	0.254

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GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4819	22410	68105	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.362
4820	22414	68105	50	467.6	388	1.4	0.04	0.000*	---	6.61	18.905
4821	22416	68105	50	549.8	448.9	1.4	0.04	0.000*	---	7.49	26.942
4822	22421	68105	50	936.2	734.8	1.4	0.04	0.000*	---	11.25	59.913
4823	22425	68105	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.448
4824	22426	68105	50	351.7	302.2	1.4	0.04	0.000*	---	5.3	8.866
4825	22429	68105	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
4826	22432	68105	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.635
4827	22434	68105	50	396.4	335.4	1.4	0.04	0.000*	---	5.82	12.445
4828	22435	68105	50	714.5	570.7	1.4	0.04	0.000*	---	9.17	42.665
4829	22436	68105	50	411.5	346.5	1.4	0.04	0.000*	---	5.99	13.747
4830	22441	68105	50	240.4	219.9	1.4	0.04	0.000*	---	3.98	2.509
4831	22442	68105	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.236
4832	22443	68105	50	177.8	173.5	1.4	0.04	0.000*	---	3.21	0.775
4833	22444	68105	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.196
4834	22446	68105	50	39.1	70.9	1.4	0.04	0.000*	---	1.39	0.001
4835	22448	68105	50	271.6	243	1.4	0.04	0.000*	---	4.36	3.871
4836	22449	68105	50	230.6	212.6	1.4	0.04	0.000*	---	3.86	2.148
4837	22450	68105	50	304.6	267.4	1.4	0.04	0.000*	---	4.75	5.68
4838	22453	68105	50	239.6	219.3	1.4	0.04	0.000*	---	3.97	2.478
4839	22458	68105	50	228.1	210.8	1.4	0.04	0.000*	---	3.83	2.062
4840	22459	68105	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.903
4841	22460	68105	50	323.5	281.4	1.4	0.04	0.000*	---	4.98	6.878
4842	22461	68105	50	529	433.5	1.4	0.04	0.000*	---	7.27	24.883
4843	22462	68105	50	178.5	174.1	1.4	0.04	0.000*	---	3.21	0.787
4844	22463	68105	50	572	465.3	1.4	0.04	0.000*	---	7.72	29.134
4845	22465	68105	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
4846	22466	68105	50	179.8	175	1.4	0.04	0.000*	---	3.23	0.811
4847	22467	68105	50	179.5	174.9	1.4	0.04	0.000*	---	3.23	0.807
4848	22473	68105	50	947	742.8	1.4	0.04	0.000*	---	11.35	60.616
4849	22474	68105	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.116
4850	22475	68105	50	140.8	146.2	1.4	0.04	0.000*	---	2.74	0.291
4851	22480	68105	50	454	377.9	1.4	0.04	0.000*	---	6.46	17.612
4852	22482	68105	50	971.5	760.9	1.4	0.04	0.000*	---	11.57	62.169
4853	22483	68105	50	374.7	319.3	1.4	0.04	0.000*	---	5.57	10.65
4854	22484	68105	50	355.6	305.1	1.4	0.04	0.000*	---	5.35	9.159
4855	22488	68105	50	272.8	243.9	1.4	0.04	0.000*	---	4.37	3.929
4856	22490	68105	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.566
4857	22491	68105	50	491.1	405.4	1.4	0.04	0.000*	---	6.86	21.164
4858	22496	68105	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.031
4859	22498	68105	50	435.9	364.6	1.4	0.04	0.000*	---	6.26	15.937
4860	22501	68105	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
4861	22502	68105	50	48.7	78	1.4	0.04	0.000*	---	1.52	0.003
4862	22503	68105	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.791
4863	22505	68105	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.485
4864	22506	68105	50	248.5	225.9	1.4	0.04	0.000*	---	4.08	2.827
4865	22507	68105	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
4866	22510	68105	50	342.7	295.6	1.4	0.04	0.000*	---	5.2	8.212
4867	22512	68105	50	76.5	98.6	1.4	0.04	0.000*	---	1.89	0.02
4868	22515	68105	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.673
4869	22519	68105	50	445.8	371.9	1.4	0.04	0.000*	---	6.37	16.847
4870	22521	68105	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.247
4871	22524	68105	50	305.4	268	1.4	0.04	0.000*	---	4.76	5.731
4872	22525	68105	50	104	119	1.4	0.04	0.000*	---	2.26	0.077
4873	22526	68105	50	633.1	510.5	1.4	0.04	0.000*	---	8.35	35.1
4874	22528	68105	50	165.7	164.6	1.4	0.04	0.000*	---	3.05	0.579
4875	22529	68105	50	638.7	514.6	1.4	0.04	0.000*	---	8.41	35.633
4876	22530	68105	50	347.4	299.1	1.4	0.04	0.000*	---	5.26	8.554
4877	22531	68105	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
4878	22532	68105	50	317	276.6	1.4	0.04	0.000*	---	4.9	6.455
4879	22536	68105	50	286.8	254.2	1.4	0.04	0.000*	---	4.54	4.659

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4880	22537	68105	50	466.8	387.5	1.4	0.04	0.000*	---	6.6	18.83
4881	22539	68105	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.261
4882	22542	68105	50	209.7	197.2	1.4	0.04	0.000*	---	3.6	1.497
4883	22544	68105	50	950.3	745.3	1.4	0.04	0.000*	---	11.38	60.834
4884	22545	68105	50	319	278.1	1.4	0.04	0.000*	---	4.92	6.587
4885	22546	68105	50	620.4	501.1	1.4	0.04	0.000*	---	8.22	33.876
4886	22547	68105	50	458.2	381	1.4	0.04	0.000*	---	6.5	18.008
4887	22549	68105	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.519
4888	22550	68105	50	138.3	144.4	1.4	0.04	0.000*	---	2.7	0.269
4889	22553	68105	50	198	188.5	1.4	0.04	0.000*	---	3.46	1.195
4890	22559	68105	50	178.8	174.3	1.4	0.04	0.000*	---	3.22	0.794
4891	22560	68105	50	358.6	307.4	1.4	0.04	0.000*	---	5.38	9.388
4892	22561	68105	50	150.9	153.7	1.4	0.04	0.000*	---	2.87	0.391
4893	22562	68105	50	626.2	505.4	1.4	0.04	0.000*	---	8.28	34.435
4894	22563	68105	50	591.7	479.9	1.4	0.04	0.000*	---	7.93	31.076
4895	22564	68105	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
4896	22566	68105	50	162.9	162.5	1.4	0.04	0.000*	---	3.02	0.539
4897	22567	68105	50	317.2	276.8	1.4	0.04	0.000*	---	4.9	6.471
4898	22568	68105	50	236.8	217.2	1.4	0.04	0.000*	---	3.94	2.37
4899	22571	68105	50	364.7	311.9	1.4	0.04	0.000*	---	5.45	9.861
4900	22574	68105	50	566.7	461.4	1.4	0.04	0.000*	---	7.67	28.615
4901	22577	68105	50	875	689.5	1.4	0.04	0.000*	---	10.69	55.682
4902	22586	68105	50	167.1	165.6	1.4	0.04	0.000*	---	3.07	0.6
4903	22587	68105	50	305.9	268.3	1.4	0.04	0.000*	---	4.77	5.758
4904	22600	68105	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.252
4905	22601	68105	50	446.5	372.4	1.4	0.04	0.000*	---	6.38	16.919
4906	22604	68105	50	432.5	362.1	1.4	0.04	0.000*	---	6.22	15.629
4907	22606	68105	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
4908	22609	68105	50	544.4	444.9	1.4	0.04	0.000*	---	7.43	26.406
4909	22610	68105	50	345.8	297.9	1.4	0.04	0.000*	---	5.24	8.433
4910	22613	68105	50	681.7	546.5	1.4	0.04	0.000*	---	8.84	39.684
4911	22618	68105	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.289
4912	22621	68105	50	172.7	169.8	1.4	0.04	0.000*	---	3.14	0.689
4913	22622	68105	50	679.5	544.8	1.4	0.04	0.000*	---	8.82	39.478
4914	22623	68105	50	445.9	372	1.4	0.04	0.000*	---	6.37	16.861
4915	22624	68105	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.679
4916	22631	68105	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
4917	22633	68105	50	456.9	380.1	1.4	0.04	0.000*	---	6.49	17.884
4918	22634	68105	50	140.5	146	1.4	0.04	0.000*	---	2.73	0.288
4919	22636	68105	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
4920	22650	68105	50	183.3	177.6	1.4	0.04	0.000*	---	3.28	0.877
4921	22654	68105	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
4922	22659	68105	50	693.7	555.3	1.4	0.04	0.000*	---	8.96	40.783
4923	22660	68105	50	173	170	1.4	0.04	0.000*	---	3.15	0.694
4924	22661	68105	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
4925	22662	68105	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.041
4926	22665	68105	50	247.2	224.9	1.4	0.04	0.000*	---	4.07	2.777
4927	22667	68105	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
4928	22669	68105	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.487
4929	22670	68105	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
4930	22672	68105	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
4931	22673	68105	50	333	288.4	1.4	0.04	0.000*	---	5.09	7.522
4932	22675	68105	50	86.3	105.8	1.4	0.04	0.000*	---	2.02	0.034
4933	22678	68105	50	633	510.4	1.4	0.04	0.000*	---	8.35	35.087
4934	22684	68105	50	190.8	183.2	1.4	0.04	0.000*	---	3.37	1.032
4935	22685	68105	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
4936	22686	68105	50	228.3	210.9	1.4	0.04	0.000*	---	3.83	2.07
4937	22687	68105	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
4938	22691	68105	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
4939	22692	68105	50	119.3	130.3	1.4	0.04	0.000*	---	2.46	0.141
4940	22693	68105	50	206.3	194.6	1.4	0.04	0.000*	---	3.56	1.404

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
4941	22695	68105	50	218	203.3	1.4	0.04	0.000*	---	3.71	1.738
4942	22704	68105	50	233.7	214.9	1.4	0.04	0.000*	---	3.9	2.26
4943	22710	68105	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.86
4944	22715	68105	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.7
4945	22716	68105	50	606.6	490.9	1.4	0.04	0.000*	---	8.08	32.536
4946	22717	68105	50	243.6	222.3	1.4	0.04	0.000*	---	4.02	2.632
4947	22718	68105	50	123	133	1.4	0.04	0.000*	---	2.51	0.162
4948	22720	68105	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.474
4949	22721	68105	50	86.3	105.8	1.4	0.04	0.000*	---	2.02	0.034
4950	22723	68105	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
4951	22726	68105	50	251.3	228	1.4	0.04	0.000*	---	4.12	2.945
4952	22733	68105	50	79.8	101.1	1.4	0.04	0.000*	---	1.94	0.024
4953	22737	68105	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
4954	22739	68105	50	152.4	154.8	1.4	0.04	0.000*	---	2.88	0.408
4955	22741	68105	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
4956	22742	68105	50	529.2	433.6	1.4	0.04	0.000*	---	7.27	24.907
4957	22744	68105	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575
4958	22748	68105	50	355	304.7	1.4	0.04	0.000*	---	5.34	9.115
4959	22751	68105	50	241.1	220.4	1.4	0.04	0.000*	---	3.99	2.536
4960	22752	68105	50	354.3	304.1	1.4	0.04	0.000*	---	5.33	9.059
4961	22754	68105	50	513.5	422	1.4	0.04	0.000*	---	7.11	23.358
4962	22755	68105	50	565.7	460.6	1.4	0.04	0.000*	---	7.66	28.513
4963	22756	68105	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
4964	22757	68105	50	727.6	580.4	1.4	0.04	0.000*	---	9.3	43.832
4965	22760	68105	50	425.7	357	1.4	0.04	0.000*	---	6.14	15.008
4966	22761	68105	50	242.8	221.7	1.4	0.04	0.000*	---	4.01	2.602
4967	22765	68105	50	838.3	662.3	1.4	0.04	0.000*	---	10.35	52.953
4968	22767	68105	50	500	412	1.4	0.04	0.000*	---	6.96	22.031
4969	22769	68105	50	281.9	250.6	1.4	0.04	0.000*	---	4.48	4.397
4970	22772	68105	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.226
4971	22777	68105	50	493.7	407.4	1.4	0.04	0.000*	---	6.89	21.422
4972	22778	68105	50	601.6	487.2	1.4	0.04	0.000*	---	8.03	32.045
4973	22780	68105	50	587.3	476.6	1.4	0.04	0.000*	---	7.88	30.644
4974	22785	68105	50	449.6	374.7	1.4	0.04	0.000*	---	6.41	17.208
4975	22787	68105	50	473.7	392.5	1.4	0.04	0.000*	---	6.67	19.488
4976	22792	68105	50	175.9	172.2	1.4	0.04	0.000*	---	3.18	0.743
4977	22796	68105	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.35
4978	22799	68105	50	830	656.2	1.4	0.04	0.000*	---	10.28	52.316
4979	22802	68105	50	527.5	432.3	1.4	0.04	0.000*	---	7.25	24.735
4980	22804	68105	50	1713.2	1309.8	1.4	0.04	0.000*	---	17.39	88.052
4981	22806	68105	50	97.1	113.9	1.4	0.04	0.000*	---	2.17	0.057
4982	22816	68105	50	529.6	433.9	1.4	0.04	0.000*	---	7.28	24.945
4983	22825	68105	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.054
4984	22827	68105	50	230.9	212.9	1.4	0.04	0.000*	---	3.87	2.16
4985	22831	68105	50	244.8	223.2	1.4	0.04	0.000*	---	4.04	2.679
4986	22832	68105	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.793
4987	22861	68105	50	320.9	279.5	1.4	0.04	0.000*	---	4.95	6.712
4988	22884	68105	50	493.1	406.9	1.4	0.04	0.000*	---	6.89	21.363
4989	22893	68105	50	284	252.1	1.4	0.04	0.000*	---	4.51	4.506
4990	49266	68105	50	208.7	196.4	1.4	0.04	0.000*	---	3.59	1.47
4991	49271	68105	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.459
4992	49272	68105	50	189.6	182.3	1.4	0.04	0.000*	---	3.35	1.007
4993	49288	68105	50	414	348.4	1.4	0.04	0.000*	---	6.01	13.965
4994	49289	68105	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.992
4995	50443	68105	50	501.1	412.8	1.4	0.04	0.000*	---	6.97	22.142
4996	50473	68105	50	70.9	94.4	1.4	0.04	0.000*	---	1.82	0.014
4997	50474	68105	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
4998	50528	68105	50	248.6	226	1.4	0.04	0.000*	---	4.08	2.835
4999	50541	68105	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.684
5000	50554	68105	50	426.7	357.8	1.4	0.04	0.000*	---	6.16	15.101
5001	50574	68105	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5002	50646	68105	50	492.8	406.7	1.4	0.04	0.000*	---	6.88	21.334
5003	52326	68105	50	42.6	73.5	1.4	0.04	0.000*	---	1.44	0.002
5004	66821	68105	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
5005	80194	68105	50	79.4	100.7	1.4	0.04	0.000*	---	1.93	0.023
5006	87914	68105	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
5007	87915	68105	50	46.8	76.6	1.4	0.04	0.000*	---	1.49	0.003
5008	87927	68105	50	60.3	86.6	1.4	0.04	0.000*	---	1.68	0.007
5009	87941	68105	50	44.6	75	1.4	0.04	0.000*	---	1.47	0.002
5010	88153	68105	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
5011	88154	68105	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
5012	89809	68105	50	92.9	110.7	1.4	0.04	0.000*	---	2.11	0.047
5013	90028	68105	50	137.2	143.6	1.4	0.04	0.000*	---	2.69	0.26
5014	90427	68105	50	109	122.7	1.4	0.04	0.000*	---	2.32	0.095
5015	91239	68105	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
5016	93073	68105	50	277.5	247.3	1.4	0.04	0.000*	---	4.43	4.166
5017	93118	68105	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
5018	93119	68105	50	59.4	86	1.4	0.04	0.000*	---	1.67	0.007
5019	93120	68105	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008
5020	93121	68105	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
5021	93122	68105	50	66.1	90.9	1.4	0.04	0.000*	---	1.75	0.011
5022	93349	68105	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
5023	93350	68105	50	68.2	92.4	1.4	0.04	0.000*	---	1.78	0.012
5024	93351	68105	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
5025	93352	68105	50	49.2	78.4	1.4	0.04	0.000*	---	1.53	0.003
5026	93353	68105	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
5027	93354	68105	50	54.8	82.5	1.4	0.04	0.000*	---	1.6	0.005
5028	93355	68105	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
5029	93356	68105	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
5030	93357	68105	50	50.4	79.3	1.4	0.04	0.000*	---	1.54	0.004
5031	93358	68105	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
5032	93359	68105	50	44.6	75	1.4	0.04	0.000*	---	1.47	0.002
5033	93360	68105	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
5034	93361	68105	50	42.8	73.7	1.4	0.04	0.000*	---	1.44	0.002
5035	93362	68105	50	70.3	94	1.4	0.04	0.000*	---	1.81	0.014
5036	93363	68105	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
5037	93364	68105	50	48.6	78	1.4	0.04	0.000*	---	1.52	0.003
5038	93365	68105	50	37.7	69.9	1.4	0.04	0.000*	---	1.37	0.001
5039	93366	68105	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
5040	93367	68105	50	50.1	79.1	1.4	0.04	0.000*	---	1.54	0.003
5041	93368	68105	50	44.6	75	1.4	0.04	0.000*	---	1.47	0.002
5042	93373	68105	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.096
5043	93378	68105	50	90.2	108.8	1.4	0.04	0.000*	---	2.08	0.041
5044	93379	68105	50	77.5	99.4	1.4	0.04	0.000*	---	1.91	0.021
5045	93380	68105	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
5046	93381	68105	50	73.8	96.7	1.4	0.04	0.000*	---	1.86	0.017
5047	93382	68105	50	86.3	105.8	1.4	0.04	0.000*	---	2.02	0.034
5048	93523	68105	50	181.3	176.1	1.4	0.04	0.000*	---	3.25	0.839
5049	93524	68105	50	323	281	1.4	0.04	0.000*	---	4.97	6.849
5050	93525	68105	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193
5051	93559	68105	50	568.5	462.7	1.4	0.04	0.000*	---	7.69	28.791
5052	49152	68106	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
5053	49531	68106	50	281.7	250.4	1.4	0.04	0.000*	---	4.48	4.385
5054	49533	68106	50	831.2	657.1	1.4	0.04	0.000*	---	10.29	52.409
5055	49534	68106	50	471.1	390.6	1.4	0.04	0.000*	---	6.65	19.238
5056	51004	68106	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.317
5057	51005	68106	50	270.5	242.2	1.4	0.04	0.000*	---	4.35	3.82
5058	51006	68106	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
5059	51008	68106	50	406.6	342.9	1.4	0.04	0.000*	---	5.93	13.315
5060	51011	68106	50	504.7	415.5	1.4	0.04	0.000*	---	7.01	22.494
5061	51012	68106	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.388
5062	51013	68106	50	477.3	395.2	1.4	0.04	0.000*	---	6.71	19.827

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5063	51014	68106	50	203.6	192.6	1.4	0.04	0.000*	---	3.53	1.334
5064	51015	68106	50	620.4	501.1	1.4	0.04	0.000*	---	8.22	33.872
5065	51016	68106	50	666.8	535.4	1.4	0.04	0.000*	---	8.69	38.293
5066	51017	68106	50	298.2	262.6	1.4	0.04	0.000*	---	4.68	5.3
5067	51018	68106	50	259.1	233.7	1.4	0.04	0.000*	---	4.21	3.283
5068	51019	68106	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
5069	51020	68106	50	390.9	331.3	1.4	0.04	0.000*	---	5.75	11.976
5070	51022	68106	50	198.2	188.7	1.4	0.04	0.000*	---	3.46	1.201
5071	51024	68106	50	205.7	194.3	1.4	0.04	0.000*	---	3.56	1.391
5072	51025	68106	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
5073	51026	68106	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
5074	51027	68106	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.302
5075	51028	68106	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.96
5076	51029	68106	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
5077	51030	68106	50	201.7	191.3	1.4	0.04	0.000*	---	3.51	1.287
5078	51031	68106	50	288.3	255.4	1.4	0.04	0.000*	---	4.56	4.743
5079	51033	68106	50	484.1	400.2	1.4	0.04	0.000*	---	6.79	20.485
5080	51034	68106	50	122.5	132.6	1.4	0.04	0.000*	---	2.5	0.158
5081	51035	68106	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
5082	51036	68106	50	235.5	216.3	1.4	0.04	0.000*	---	3.92	2.326
5083	51037	68106	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
5084	51038	68106	50	98.6	115	1.4	0.04	0.000*	---	2.19	0.061
5085	51039	68106	50	142.5	147.5	1.4	0.04	0.000*	---	2.76	0.306
5086	51040	68106	50	194.9	186.2	1.4	0.04	0.000*	---	3.42	1.123
5087	51041	68106	50	110.8	123.9	1.4	0.04	0.000*	---	2.35	0.102
5088	51043	68106	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
5089	51045	68106	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.853
5090	51046	68106	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
5091	51047	68106	50	239.8	219.5	1.4	0.04	0.000*	---	3.98	2.486
5092	51048	68106	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.447
5093	51049	68106	50	199.8	189.8	1.4	0.04	0.000*	---	3.48	1.239
5094	51050	68106	50	127.9	136.7	1.4	0.04	0.000*	---	2.57	0.192
5095	51052	68106	50	252	228.5	1.4	0.04	0.000*	---	4.12	2.976
5096	51053	68106	50	202.5	191.9	1.4	0.04	0.000*	---	3.52	1.307
5097	51054	68106	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
5098	51056	68106	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
5099	51057	68106	50	268.7	240.9	1.4	0.04	0.000*	---	4.33	3.732
5100	51058	68106	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.981
5101	51059	68106	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
5102	51061	68106	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.254
5103	51062	68106	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
5104	51064	68106	50	159.4	160	1.4	0.04	0.000*	---	2.97	0.493
5105	51065	68106	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
5106	51066	68106	50	161.3	161.4	1.4	0.04	0.000*	---	3	0.518
5107	51067	68106	50	153.4	155.5	1.4	0.04	0.000*	---	2.9	0.419
5108	51068	68106	50	217.1	202.7	1.4	0.04	0.000*	---	3.7	1.713
5109	51069	68106	50	136.4	143	1.4	0.04	0.000*	---	2.68	0.253
5110	51070	68106	50	252.8	229	1.4	0.04	0.000*	---	4.13	3.006
5111	51071	68106	50	327.8	284.6	1.4	0.04	0.000*	---	5.03	7.172
5112	51072	68106	50	110.5	123.8	1.4	0.04	0.000*	---	2.34	0.101
5113	51073	68106	50	280.6	249.6	1.4	0.04	0.000*	---	4.47	4.327
5114	51074	68106	50	160.7	160.9	1.4	0.04	0.000*	---	2.99	0.51
5115	51075	68106	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.645
5116	51076	68106	50	174.2	170.9	1.4	0.04	0.000*	---	3.16	0.714
5117	51077	68106	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
5118	51078	68106	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
5119	51079	68106	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.876
5120	51080	68106	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.823
5121	51082	68106	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.698
5122	51083	68106	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.101
5123	51084	68106	50	45.1	75.3	1.4	0.04	0.000*	---	1.47	0.002

LEAD BATCH MODE OUTPUT FILE
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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5124	51085	68106	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
5125	51086	68106	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.282
5126	51087	68106	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
5127	51088	68106	50	262.1	236	1.4	0.04	0.000*	---	4.25	3.42
5128	51089	68106	50	127.9	136.7	1.4	0.04	0.000*	---	2.57	0.192
5129	51090	68106	50	206.8	195	1.4	0.04	0.000*	---	3.57	1.418
5130	51091	68106	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.048
5131	51092	68106	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
5132	51093	68106	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
5133	51094	68106	50	134.9	141.9	1.4	0.04	0.000*	---	2.66	0.242
5134	51095	68106	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
5135	51097	68106	50	211	198.1	1.4	0.04	0.000*	---	3.62	1.534
5136	51098	68106	50	152	154.5	1.4	0.04	0.000*	---	2.88	0.403
5137	51099	68106	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.547
5138	51100	68106	50	110.1	123.4	1.4	0.04	0.000*	---	2.34	0.099
5139	51101	68106	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
5140	51102	68106	50	129.8	138.1	1.4	0.04	0.000*	---	2.59	0.204
5141	51103	68106	50	125.1	134.5	1.4	0.04	0.000*	---	2.53	0.174
5142	51104	68106	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.752
5143	51105	68106	50	264	237.4	1.4	0.04	0.000*	---	4.27	3.507
5144	51106	68106	50	108.4	122.2	1.4	0.04	0.000*	---	2.31	0.093
5145	51107	68106	50	118.7	129.9	1.4	0.04	0.000*	---	2.45	0.138
5146	51108	68106	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.772
5147	51109	68106	50	133.4	140.7	1.4	0.04	0.000*	---	2.64	0.23
5148	51110	68106	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.303
5149	51111	68106	50	343.2	296	1.4	0.04	0.000*	---	5.21	8.247
5150	51113	68106	50	58.9	85.6	1.4	0.04	0.000*	---	1.66	0.007
5151	51114	68106	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.519
5152	51115	68106	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
5153	51116	68106	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
5154	51117	68106	50	372.1	317.3	1.4	0.04	0.000*	---	5.54	10.439
5155	51118	68106	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.887
5156	51119	68106	50	143.3	148	1.4	0.04	0.000*	---	2.77	0.313
5157	51120	68106	50	109.6	123.1	1.4	0.04	0.000*	---	2.33	0.097
5158	51121	68106	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
5159	51122	68106	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
5160	51123	68106	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
5161	51124	68106	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.335
5162	51125	68106	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
5163	51126	68106	50	164.5	163.7	1.4	0.04	0.000*	---	3.04	0.563
5164	51127	68106	50	96.6	113.4	1.4	0.04	0.000*	---	2.16	0.055
5165	51129	68106	50	121.4	131.8	1.4	0.04	0.000*	---	2.48	0.152
5166	51130	68106	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
5167	51131	68106	50	43.8	74.4	1.4	0.04	0.000*	---	1.46	0.002
5168	51132	68106	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.09
5169	51133	68106	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
5170	51134	68106	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
5171	51135	68106	50	105.3	120	1.4	0.04	0.000*	---	2.27	0.082
5172	51136	68106	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.703
5173	51138	68106	50	203.3	192.4	1.4	0.04	0.000*	---	3.53	1.326
5174	51139	68106	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
5175	51141	68106	50	77.5	99.3	1.4	0.04	0.000*	---	1.91	0.021
5176	51142	68106	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
5177	51143	68106	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.177
5178	51144	68106	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
5179	51145	68106	50	180.9	175.9	1.4	0.04	0.000*	---	3.25	0.832
5180	51146	68106	50	77.3	99.2	1.4	0.04	0.000*	---	1.91	0.021
5181	51147	68106	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
5182	51148	68106	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
5183	51149	68106	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
5184	51150	68106	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5185	51151	68106	50	115.5	127.4	1.4	0.04	0.000*	---	2.41	0.122
5186	51153	68106	50	342.5	295.4	1.4	0.04	0.000*	---	5.2	8.192
5187	51155	68106	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
5188	51156	68106	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
5189	51157	68106	50	245.8	223.9	1.4	0.04	0.000*	---	4.05	2.717
5190	51158	68106	50	173	170	1.4	0.04	0.000*	---	3.15	0.694
5191	51159	68106	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.482
5192	51160	68106	50	184.4	178.5	1.4	0.04	0.000*	---	3.29	0.9
5193	51161	68106	50	369.6	315.5	1.4	0.04	0.000*	---	5.51	10.246
5194	51162	68106	50	191.4	183.7	1.4	0.04	0.000*	---	3.38	1.046
5195	51163	68106	50	421.1	353.6	1.4	0.04	0.000*	---	6.09	14.601
5196	51164	68106	50	64	89.4	1.4	0.04	0.000*	---	1.73	0.009
5197	51165	68106	50	119.9	130.7	1.4	0.04	0.000*	---	2.46	0.144
5198	51166	68106	50	141.4	146.6	1.4	0.04	0.000*	---	2.74	0.296
5199	51168	68106	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
5200	51169	68106	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.815
5201	51170	68106	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
5202	51172	68106	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
5203	51173	68106	50	154.1	156	1.4	0.04	0.000*	---	2.9	0.427
5204	51174	68106	50	81.6	102.3	1.4	0.04	0.000*	---	1.96	0.026
5205	51175	68106	50	234.8	215.7	1.4	0.04	0.000*	---	3.91	2.298
5206	51176	68106	50	118.2	129.4	1.4	0.04	0.000*	---	2.44	0.135
5207	51178	68106	50	78.1	99.8	1.4	0.04	0.000*	---	1.92	0.022
5208	51179	68106	50	137.2	143.6	1.4	0.04	0.000*	---	2.69	0.26
5209	51180	68106	50	92.9	110.7	1.4	0.04	0.000*	---	2.11	0.047
5210	51181	68106	50	82.5	103.1	1.4	0.04	0.000*	---	1.97	0.028
5211	51182	68106	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.332
5212	51183	68106	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
5213	51184	68106	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
5214	51185	68106	50	312.9	273.5	1.4	0.04	0.000*	---	4.85	6.192
5215	51187	68106	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
5216	51188	68106	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
5217	7	68107	50	273.4	244.3	1.4	0.04	0.000*	---	4.38	3.961
5218	21	68107	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
5219	23	68107	50	160.2	160.6	1.4	0.04	0.000*	---	2.98	0.503
5220	24	68107	50	195.9	186.9	1.4	0.04	0.000*	---	3.43	1.146
5221	30	68107	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
5222	31	68107	50	238.6	218.6	1.4	0.04	0.000*	---	3.96	2.44
5223	34	68107	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.619
5224	35	68107	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.447
5225	36	68107	50	311.7	272.7	1.4	0.04	0.000*	---	4.84	6.119
5226	37	68107	50	137.9	144	1.4	0.04	0.000*	---	2.7	0.265
5227	38	68107	50	208.6	196.4	1.4	0.04	0.000*	---	3.59	1.469
5228	40	68107	50	280.1	249.3	1.4	0.04	0.000*	---	4.46	4.304
5229	47	68107	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.242
5230	49	68107	50	224.7	208.3	1.4	0.04	0.000*	---	3.79	1.949
5231	56	68107	50	339.3	293.1	1.4	0.04	0.000*	---	5.16	7.967
5232	57	68107	50	182.5	177.1	1.4	0.04	0.000*	---	3.27	0.863
5233	79	68107	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.149
5234	81	68107	50	236.3	216.9	1.4	0.04	0.000*	---	3.93	2.354
5235	83	68107	50	461.8	383.7	1.4	0.04	0.000*	---	6.54	18.347
5236	85	68107	50	304.2	267.1	1.4	0.04	0.000*	---	4.75	5.658
5237	87	68107	50	197.3	188	1.4	0.04	0.000*	---	3.45	1.18
5238	88	68107	50	208.6	196.4	1.4	0.04	0.000*	---	3.59	1.469
5239	93	68107	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.372
5240	99	68107	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.109
5241	106	68107	50	357.9	306.9	1.4	0.04	0.000*	---	5.38	9.338
5242	125	68107	50	25.1	60.6	1.4	0.04	0.000*	---	1.2	0
5243	174	68107	50	220.7	205.3	1.4	0.04	0.000*	---	3.74	1.823
5244	409	68107	50	297.9	262.4	1.4	0.04	0.000*	---	4.67	5.283
5245	503	68107	50	216.6	202.3	1.4	0.04	0.000*	---	3.69	1.698

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5246	506	68107	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
5247	629	68107	50	100.3	116.2	1.4	0.04	0.000*	---	2.21	0.066
5248	904	68107	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
5249	924	68107	50	961	753.2	1.4	0.04	0.000*	---	11.48	61.517
5250	930	68107	50	92.1	110.2	1.4	0.04	0.000*	---	2.1	0.045
5251	994	68107	50	104.5	119.3	1.4	0.04	0.000*	---	2.26	0.079
5252	1013	68107	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.106
5253	1057	68107	50	323	281	1.4	0.04	0.000*	---	4.97	6.85
5254	1072	68107	50	723.1	577.1	1.4	0.04	0.000*	---	9.25	43.433
5255	1083	68107	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
5256	1084	68107	50	185.9	179.6	1.4	0.04	0.000*	---	3.31	0.93
5257	1093	68107	50	470.3	390	1.4	0.04	0.000*	---	6.64	19.163
5258	1095	68107	50	435.8	364.5	1.4	0.04	0.000*	---	6.26	15.928
5259	1099	68107	50	494.4	407.9	1.4	0.04	0.000*	---	6.9	21.489
5260	1104	68107	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
5261	1106	68107	50	296.3	261.2	1.4	0.04	0.000*	---	4.66	5.191
5262	1122	68107	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
5263	1123	68107	50	274.1	244.9	1.4	0.04	0.000*	---	4.39	3.998
5264	1133	68107	50	93.1	110.9	1.4	0.04	0.000*	---	2.11	0.047
5265	1140	68107	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
5266	1164	68107	50	250	227	1.4	0.04	0.000*	---	4.1	2.889
5267	1183	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
5268	1196	68107	50	142.9	147.7	1.4	0.04	0.000*	---	2.76	0.309
5269	1203	68107	50	204.3	193.2	1.4	0.04	0.000*	---	3.54	1.353
5270	1210	68107	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.799
5271	1215	68107	50	431.9	361.6	1.4	0.04	0.000*	---	6.21	15.57
5272	1222	68107	50	362.4	310.2	1.4	0.04	0.000*	---	5.43	9.681
5273	1224	68107	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.104
5274	1226	68107	50	308.5	270.3	1.4	0.04	0.000*	---	4.8	5.921
5275	1234	68107	50	149.4	152.5	1.4	0.04	0.000*	---	2.84	0.374
5276	1235	68107	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.158
5277	1236	68107	50	142.9	147.7	1.4	0.04	0.000*	---	2.76	0.309
5278	1239	68107	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.238
5279	1243	68107	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
5280	1256	68107	50	367.1	313.7	1.4	0.04	0.000*	---	5.48	10.047
5281	1274	68107	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
5282	1279	68107	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.436
5283	1281	68107	50	201.3	190.9	1.4	0.04	0.000*	---	3.5	1.276
5284	1290	68107	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.916
5285	1291	68107	50	256	231.5	1.4	0.04	0.000*	---	4.17	3.148
5286	1316	68107	50	646.9	520.7	1.4	0.04	0.000*	---	8.49	36.42
5287	1318	68107	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.431
5288	1321	68107	50	473.9	392.7	1.4	0.04	0.000*	---	6.68	19.509
5289	1322	68107	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.455
5290	1326	68107	50	283.8	252	1.4	0.04	0.000*	---	4.51	4.5
5291	1328	68107	50	212.8	199.5	1.4	0.04	0.000*	---	3.64	1.585
5292	1332	68107	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.048
5293	1344	68107	50	306.4	268.7	1.4	0.04	0.000*	---	4.78	5.791
5294	1347	68107	50	460.4	382.7	1.4	0.04	0.000*	---	6.53	18.216
5295	1348	68107	50	291.3	257.6	1.4	0.04	0.000*	---	4.6	4.909
5296	1349	68107	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.127
5297	1355	68107	50	297.9	262.4	1.4	0.04	0.000*	---	4.67	5.284
5298	1356	68107	50	287.7	254.9	1.4	0.04	0.000*	---	4.55	4.71
5299	1357	68107	50	235.5	216.3	1.4	0.04	0.000*	---	3.92	2.325
5300	1359	68107	50	1254.7	970.5	1.4	0.04	0.000*	---	13.96	76.115
5301	1362	68107	50	204.3	193.2	1.4	0.04	0.000*	---	3.54	1.354
5302	1363	68107	50	226	209.3	1.4	0.04	0.000*	---	3.81	1.994
5303	1364	68107	50	148.2	151.6	1.4	0.04	0.000*	---	2.83	0.362
5304	1370	68107	50	288.7	255.7	1.4	0.04	0.000*	---	4.57	4.765
5305	1374	68107	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.751
5306	1384	68107	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5307	1385	68107	50	446.1	372.1	1.4	0.04	0.000*	---	6.37	16.88
5308	1401	68107	50	187.2	180.6	1.4	0.04	0.000*	---	3.32	0.957
5309	1414	68107	50	160.2	160.5	1.4	0.04	0.000*	---	2.98	0.503
5310	1417	68107	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
5311	1455	68107	50	53.3	81.5	1.4	0.04	0.000*	---	1.58	0.004
5312	1463	68107	50	42.1	73.2	1.4	0.04	0.000*	---	1.43	0.002
5313	1465	68107	50	31.1	65	1.4	0.04	0.000*	---	1.28	0.001
5314	1467	68107	50	23.5	59.4	1.4	0.04	0.000*	---	1.18	0
5315	1470	68107	50	418	351.3	1.4	0.04	0.000*	---	6.06	14.317
5316	1475	68107	50	735.5	586.3	1.4	0.04	0.000*	---	9.37	44.527
5317	1477	68107	50	734	585.2	1.4	0.04	0.000*	---	9.36	44.392
5318	1478	68107	50	854.5	674.3	1.4	0.04	0.000*	---	10.51	54.176
5319	1492	68107	50	432.6	362.1	1.4	0.04	0.000*	---	6.22	15.637
5320	1496	68107	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.382
5321	1504	68107	50	24.8	60.4	1.4	0.04	0.000*	---	1.2	0
5322	1506	68107	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
5323	1547	68107	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
5324	1548	68107	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
5325	1607	68107	50	53.3	81.4	1.4	0.04	0.000*	---	1.58	0.004
5326	1611	68107	50	347.1	298.9	1.4	0.04	0.000*	---	5.25	8.532
5327	1614	68107	50	170.5	168.2	1.4	0.04	0.000*	---	3.11	0.653
5328	1615	68107	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.52
5329	1624	68107	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.002
5330	1625	68107	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
5331	1631	68107	50	256.2	231.6	1.4	0.04	0.000*	---	4.17	3.154
5332	1632	68107	50	240.1	219.6	1.4	0.04	0.000*	---	3.98	2.495
5333	2001	68107	50	272.4	243.6	1.4	0.04	0.000*	---	4.37	3.911
5334	2030	68107	50	390.3	330.8	1.4	0.04	0.000*	---	5.75	11.927
5335	2033	68107	50	177.6	173.5	1.4	0.04	0.000*	---	3.2	0.773
5336	2038	68107	50	26.5	61.6	1.4	0.04	0.000*	---	1.22	0
5337	2056	68107	50	193.3	185	1.4	0.04	0.000*	---	3.4	1.086
5338	2059	68107	50	511.1	420.3	1.4	0.04	0.000*	---	7.08	23.126
5339	2068	68107	50	339.3	293.1	1.4	0.04	0.000*	---	5.16	7.968
5340	2096	68107	50	134.4	141.5	1.4	0.04	0.000*	---	2.65	0.238
5341	2104	68107	50	177	173	1.4	0.04	0.000*	---	3.2	0.762
5342	2124	68107	50	35.8	68.5	1.4	0.04	0.000*	---	1.35	0.001
5343	2167	68107	50	45.3	75.5	1.4	0.04	0.000*	---	1.48	0.002
5344	2172	68107	50	482.9	399.3	1.4	0.04	0.000*	---	6.77	20.369
5345	2197	68107	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
5346	2206	68107	50	113.5	126	1.4	0.04	0.000*	---	2.38	0.113
5347	2218	68107	50	528.8	433.3	1.4	0.04	0.000*	---	7.27	24.862
5348	2220	68107	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
5349	2249	68107	50	245.2	223.4	1.4	0.04	0.000*	---	4.04	2.695
5350	2252	68107	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
5351	2259	68107	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
5352	2273	68107	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
5353	2292	68107	50	59.4	86	1.4	0.04	0.000*	---	1.67	0.007
5354	2293	68107	50	243.8	222.4	1.4	0.04	0.000*	---	4.02	2.639
5355	2303	68107	50	375.8	320.1	1.4	0.04	0.000*	---	5.58	10.74
5356	2330	68107	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
5357	2350	68107	50	182	176.7	1.4	0.04	0.000*	---	3.26	0.853
5358	2376	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
5359	2377	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
5360	2384	68107	50	183.6	177.9	1.4	0.04	0.000*	---	3.28	0.885
5361	2410	68107	50	265.1	238.2	1.4	0.04	0.000*	---	4.28	3.561
5362	2444	68107	50	314.3	274.5	1.4	0.04	0.000*	---	4.87	6.281
5363	2477	68107	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.078
5364	2478	68107	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
5365	2479	68107	50	351.9	302.4	1.4	0.04	0.000*	---	5.31	8.882
5366	2483	68107	50	466.2	387	1.4	0.04	0.000*	---	6.59	18.767
5367	2485	68107	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5368	2490	68107	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
5369	2492	68107	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
5370	2494	68107	50	250.2	227.1	1.4	0.04	0.000*	---	4.1	2.898
5371	2496	68107	50	452.5	376.8	1.4	0.04	0.000*	---	6.44	17.473
5372	2497	68107	50	451.1	375.8	1.4	0.04	0.000*	---	6.43	17.345
5373	2498	68107	50	68.9	92.9	1.4	0.04	0.000*	---	1.79	0.013
5374	2499	68107	50	563.7	459.1	1.4	0.04	0.000*	---	7.64	28.316
5375	2500	68107	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.646
5376	2504	68107	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
5377	2506	68107	50	825.3	652.7	1.4	0.04	0.000*	---	10.23	51.951
5378	2509	68107	50	299.6	263.7	1.4	0.04	0.000*	---	4.7	5.387
5379	2510	68107	50	230.3	212.4	1.4	0.04	0.000*	---	3.86	2.138
5380	2512	68107	50	299.8	263.9	1.4	0.04	0.000*	---	4.7	5.396
5381	2513	68107	50	371	316.6	1.4	0.04	0.000*	---	5.53	10.356
5382	2514	68107	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.433
5383	3003	68107	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
5384	3004	68107	50	160.5	160.8	1.4	0.04	0.000*	---	2.99	0.507
5385	3021	68107	50	282.3	250.9	1.4	0.04	0.000*	---	4.49	4.416
5386	3047	68107	50	332.5	288	1.4	0.04	0.000*	---	5.08	7.487
5387	3074	68107	50	144.1	148.7	1.4	0.04	0.000*	---	2.78	0.321
5388	3083	68107	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.337
5389	3121	68107	50	94.8	112.2	1.4	0.04	0.000*	---	2.14	0.051
5390	3157	68107	50	173.6	170.5	1.4	0.04	0.000*	---	3.15	0.704
5391	3188	68107	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
5392	3194	68107	50	73.7	96.5	1.4	0.04	0.000*	---	1.86	0.017
5393	3210	68107	50	374.2	318.9	1.4	0.04	0.000*	---	5.56	10.611
5394	3223	68107	50	333.9	289.1	1.4	0.04	0.000*	---	5.1	7.587
5395	5005	68107	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.176
5396	5010	68107	50	166.4	165.2	1.4	0.04	0.000*	---	3.06	0.591
5397	5064	68107	50	205.8	194.3	1.4	0.04	0.000*	---	3.56	1.391
5398	5065	68107	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.521
5399	5066	68107	50	254.5	230.3	1.4	0.04	0.000*	---	4.15	3.081
5400	5067	68107	50	242.6	221.5	1.4	0.04	0.000*	---	4.01	2.59
5401	5068	68107	50	308.8	270.5	1.4	0.04	0.000*	---	4.8	5.941
5402	5069	68107	50	32.8	66.3	1.4	0.04	0.000*	---	1.31	0.001
5403	5070	68107	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
5404	5071	68107	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
5405	5072	68107	50	152.9	155.1	1.4	0.04	0.000*	---	2.89	0.413
5406	5073	68107	50	279.5	248.8	1.4	0.04	0.000*	---	4.46	4.271
5407	5076	68107	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.2
5408	5077	68107	50	276.9	246.9	1.4	0.04	0.000*	---	4.42	4.137
5409	5130	68107	50	59	85.7	1.4	0.04	0.000*	---	1.66	0.007
5410	5131	68107	50	52.6	80.9	1.4	0.04	0.000*	---	1.57	0.004
5411	5157	68107	50	400.2	338.1	1.4	0.04	0.000*	---	5.86	12.767
5412	5158	68107	50	225.3	208.7	1.4	0.04	0.000*	---	3.8	1.97
5413	5159	68107	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.132
5414	5160	68107	50	374	318.8	1.4	0.04	0.000*	---	5.56	10.594
5415	5161	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
5416	5162	68107	50	204.3	193.2	1.4	0.04	0.000*	---	3.54	1.352
5417	5163	68107	50	56.6	83.9	1.4	0.04	0.000*	---	1.63	0.006
5418	5164	68107	50	272.8	243.9	1.4	0.04	0.000*	---	4.38	3.931
5419	5165	68107	50	254.8	230.5	1.4	0.04	0.000*	---	4.16	3.093
5420	5166	68107	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.347
5421	5172	68107	50	394.6	334	1.4	0.04	0.000*	---	5.8	12.294
5422	5173	68107	50	234.8	215.8	1.4	0.04	0.000*	---	3.91	2.299
5423	5174	68107	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.066
5424	5175	68107	50	479.3	396.7	1.4	0.04	0.000*	---	6.74	20.025
5425	5176	68107	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.88
5426	5177	68107	50	120.7	131.3	1.4	0.04	0.000*	---	2.48	0.149
5427	5178	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
5428	5179	68107	50	476.9	394.9	1.4	0.04	0.000*	---	6.71	19.796

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5429	5180	68107	50	268.8	240.9	1.4	0.04	0.000*	---	4.33	3.734
5430	5181	68107	50	308.2	270.1	1.4	0.04	0.000*	---	4.8	5.904
5431	5182	68107	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.237
5432	5183	68107	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
5433	5184	68107	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
5434	5185	68107	50	163.5	163	1.4	0.04	0.000*	---	3.03	0.548
5435	5209	68107	50	109.6	123.1	1.4	0.04	0.000*	---	2.33	0.097
5436	5210	68107	50	350.8	301.6	1.4	0.04	0.000*	---	5.29	8.804
5437	5211	68107	50	78.6	100.1	1.4	0.04	0.000*	---	1.92	0.022
5438	5212	68107	50	69.8	93.7	1.4	0.04	0.000*	---	1.81	0.014
5439	5213	68107	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
5440	5214	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
5441	10001	68107	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.674
5442	10002	68107	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.192
5443	10005	68107	50	54.2	82.1	1.4	0.04	0.000*	---	1.59	0.005
5444	10007	68107	50	241.3	220.5	1.4	0.04	0.000*	---	3.99	2.541
5445	10008	68107	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.679
5446	10009	68107	50	177.6	173.5	1.4	0.04	0.000*	---	3.2	0.773
5447	10010	68107	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.177
5448	10011	68107	50	332.5	288	1.4	0.04	0.000*	---	5.08	7.488
5449	10015	68107	50	77.2	99.1	1.4	0.04	0.000*	---	1.9	0.021
5450	10016	68107	50	395.7	334.8	1.4	0.04	0.000*	---	5.81	12.383
5451	10018	68107	50	396.1	335.1	1.4	0.04	0.000*	---	5.81	12.416
5452	10019	68107	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.614
5453	10021	68107	50	252.9	229.1	1.4	0.04	0.000*	---	4.14	3.013
5454	10024	68107	50	363.7	311.2	1.4	0.04	0.000*	---	5.44	9.784
5455	10025	68107	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
5456	10026	68107	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.433
5457	10028	68107	50	343.6	296.3	1.4	0.04	0.000*	---	5.21	8.275
5458	10029	68107	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.171
5459	10030	68107	50	380.1	323.3	1.4	0.04	0.000*	---	5.63	11.088
5460	10032	68107	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.064
5461	10033	68107	50	195.3	186.5	1.4	0.04	0.000*	---	3.43	1.133
5462	10034	68107	50	308.4	270.2	1.4	0.04	0.000*	---	4.8	5.912
5463	10035	68107	50	635.1	512	1.4	0.04	0.000*	---	8.37	35.287
5464	10036	68107	50	420.3	353	1.4	0.04	0.000*	---	6.08	14.525
5465	10038	68107	50	268.5	240.6	1.4	0.04	0.000*	---	4.32	3.718
5466	10039	68107	50	342.1	295.2	1.4	0.04	0.000*	---	5.19	8.169
5467	10040	68107	50	211	198.1	1.4	0.04	0.000*	---	3.62	1.533
5468	10041	68107	50	309.6	271.1	1.4	0.04	0.000*	---	4.81	5.99
5469	10042	68107	50	339.5	293.3	1.4	0.04	0.000*	---	5.16	7.983
5470	10043	68107	50	143.7	148.4	1.4	0.04	0.000*	---	2.77	0.317
5471	10044	68107	50	182.7	177.2	1.4	0.04	0.000*	---	3.27	0.867
5472	10045	68107	50	524.9	430.5	1.4	0.04	0.000*	---	7.23	24.483
5473	10046	68107	50	248.2	225.7	1.4	0.04	0.000*	---	4.08	2.817
5474	10048	68107	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.266
5475	10049	68107	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.496
5476	10052	68107	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.588
5477	10053	68107	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.942
5478	10054	68107	50	350.7	301.5	1.4	0.04	0.000*	---	5.29	8.792
5479	10055	68107	50	254.8	230.5	1.4	0.04	0.000*	---	4.16	3.093
5480	10057	68107	50	490.8	405.2	1.4	0.04	0.000*	---	6.86	21.138
5481	10059	68107	50	134.9	141.9	1.4	0.04	0.000*	---	2.66	0.242
5482	10062	68107	50	257.8	232.8	1.4	0.04	0.000*	---	4.19	3.227
5483	10063	68107	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
5484	10064	68107	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
5485	10066	68107	50	357	306.2	1.4	0.04	0.000*	---	5.37	9.27
5486	10067	68107	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.213
5487	10068	68107	50	347.4	299.1	1.4	0.04	0.000*	---	5.26	8.554
5488	10069	68107	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.755
5489	10070	68107	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.371

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5490	10071	68107	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
5491	10072	68107	50	239.8	219.4	1.4	0.04	0.000*	---	3.97	2.483
5492	10073	68107	50	347.9	299.5	1.4	0.04	0.000*	---	5.26	8.591
5493	10074	68107	50	220.7	205.3	1.4	0.04	0.000*	---	3.74	1.823
5494	10075	68107	50	227.6	210.4	1.4	0.04	0.000*	---	3.83	2.047
5495	10076	68107	50	234.4	215.4	1.4	0.04	0.000*	---	3.91	2.284
5496	10077	68107	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.554
5497	10078	68107	50	61.7	87.7	1.4	0.04	0.000*	---	1.7	0.008
5498	10079	68107	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.876
5499	10083	68107	50	313	273.6	1.4	0.04	0.000*	---	4.85	6.199
5500	10087	68107	50	323.4	281.3	1.4	0.04	0.000*	---	4.98	6.873
5501	10088	68107	50	96.2	113.2	1.4	0.04	0.000*	---	2.15	0.055
5502	10089	68107	50	335.1	290	1.4	0.04	0.000*	---	5.11	7.673
5503	10090	68107	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.223
5504	10091	68107	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.336
5505	10093	68107	50	319.1	278.2	1.4	0.04	0.000*	---	4.93	6.594
5506	10094	68107	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
5507	10095	68107	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	1.001
5508	10096	68107	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.177
5509	10097	68107	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.55
5510	10098	68107	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
5511	10099	68107	50	383.3	325.6	1.4	0.04	0.000*	---	5.67	11.347
5512	10100	68107	50	224	207.8	1.4	0.04	0.000*	---	3.78	1.929
5513	10101	68107	50	271.4	242.9	1.4	0.04	0.000*	---	4.36	3.864
5514	10102	68107	50	674.3	541	1.4	0.04	0.000*	---	8.77	38.997
5515	10103	68107	50	634.4	511.5	1.4	0.04	0.000*	---	8.37	35.221
5516	10104	68107	50	560.2	456.6	1.4	0.04	0.000*	---	7.6	27.973
5517	10105	68107	50	428.3	358.9	1.4	0.04	0.000*	---	6.17	15.242
5518	10107	68107	50	140.8	146.2	1.4	0.04	0.000*	---	2.74	0.291
5519	10108	68107	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.441
5520	10109	68107	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.278
5521	10110	68107	50	198.7	189.1	1.4	0.04	0.000*	---	3.47	1.214
5522	10111	68107	50	246.9	224.8	1.4	0.04	0.000*	---	4.06	2.766
5523	10112	68107	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
5524	10114	68107	50	321.8	280.1	1.4	0.04	0.000*	---	4.96	6.77
5525	10115	68107	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
5526	10116	68107	50	553.3	451.4	1.4	0.04	0.000*	---	7.53	27.287
5527	10117	68107	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.554
5528	10118	68107	50	375.8	320.1	1.4	0.04	0.000*	---	5.58	10.737
5529	10119	68107	50	281.7	250.5	1.4	0.04	0.000*	---	4.48	4.386
5530	10120	68107	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.269
5531	10122	68107	50	67.8	92.2	1.4	0.04	0.000*	---	1.78	0.012
5532	10123	68107	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
5533	10126	68107	50	388.5	329.5	1.4	0.04	0.000*	---	5.73	11.776
5534	10127	68107	50	284.4	252.4	1.4	0.04	0.000*	---	4.51	4.529
5535	10128	68107	50	52.9	81.2	1.4	0.04	0.000*	---	1.58	0.004
5536	10130	68107	50	454	378	1.4	0.04	0.000*	---	6.46	17.62
5537	10131	68107	50	326.7	283.8	1.4	0.04	0.000*	---	5.01	7.096
5538	10133	68107	50	695.1	556.4	1.4	0.04	0.000*	---	8.98	40.913
5539	10134	68107	50	48.1	77.6	1.4	0.04	0.000*	---	1.51	0.003
5540	10135	68107	50	96.2	113.2	1.4	0.04	0.000*	---	2.16	0.055
5541	10137	68107	50	103.7	118.7	1.4	0.04	0.000*	---	2.25	0.076
5542	10138	68107	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
5543	10140	68107	50	152.9	155.1	1.4	0.04	0.000*	---	2.89	0.413
5544	10141	68107	50	112.1	125	1.4	0.04	0.000*	---	2.36	0.107
5545	10143	68107	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
5546	10144	68107	50	323	281	1.4	0.04	0.000*	---	4.97	6.847
5547	10146	68107	50	319	278.1	1.4	0.04	0.000*	---	4.92	6.586
5548	10148	68107	50	378.3	321.9	1.4	0.04	0.000*	---	5.61	10.936
5549	10149	68107	50	360.6	308.9	1.4	0.04	0.000*	---	5.41	9.543
5550	10150	68107	50	208.1	196	1.4	0.04	0.000*	---	3.59	1.454

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5551	10151	68107	50	86	105.6	1.4	0.04	0.000*	---	2.02	0.033
5552	10154	68107	50	119.4	130.4	1.4	0.04	0.000*	---	2.46	0.142
5553	10155	68107	50	253.3	229.5	1.4	0.04	0.000*	---	4.14	3.031
5554	10158	68107	50	504.2	415.1	1.4	0.04	0.000*	---	7.01	22.443
5555	10159	68107	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.502
5556	10160	68107	50	265.3	238.3	1.4	0.04	0.000*	---	4.28	3.566
5557	10162	68107	50	63	88.6	1.4	0.04	0.000*	---	1.71	0.009
5558	10163	68107	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.925
5559	10164	68107	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.538
5560	10165	68107	50	140.8	146.2	1.4	0.04	0.000*	---	2.74	0.29
5561	10166	68107	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.961
5562	10167	68107	50	340.8	294.2	1.4	0.04	0.000*	---	5.18	8.072
5563	10169	68107	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.655
5564	10171	68107	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
5565	10172	68107	50	529.6	433.9	1.4	0.04	0.000*	---	7.28	24.946
5566	10173	68107	50	296	261.1	1.4	0.04	0.000*	---	4.65	5.177
5567	10175	68107	50	238.3	218.3	1.4	0.04	0.000*	---	3.96	2.427
5568	10177	68107	50	166	164.8	1.4	0.04	0.000*	---	3.06	0.584
5569	10178	68107	50	242.3	221.3	1.4	0.04	0.000*	---	4.01	2.58
5570	10179	68107	50	335.7	290.4	1.4	0.04	0.000*	---	5.12	7.713
5571	10180	68107	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.261
5572	10181	68107	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
5573	10182	68107	50	293.9	259.5	1.4	0.04	0.000*	---	4.63	5.056
5574	10183	68107	50	358	306.9	1.4	0.04	0.000*	---	5.38	9.342
5575	10184	68107	50	327.5	284.4	1.4	0.04	0.000*	---	5.02	7.152
5576	10192	68107	50	145.8	149.9	1.4	0.04	0.000*	---	2.8	0.338
5577	10194	68107	50	242	221.1	1.4	0.04	0.000*	---	4	2.567
5578	10195	68107	50	357.6	306.6	1.4	0.04	0.000*	---	5.37	9.313
5579	10196	68107	50	504.1	415	1.4	0.04	0.000*	---	7	22.431
5580	10197	68107	50	317	276.6	1.4	0.04	0.000*	---	4.9	6.455
5581	10200	68107	50	166.7	165.4	1.4	0.04	0.000*	---	3.07	0.595
5582	10201	68107	50	291.2	257.5	1.4	0.04	0.000*	---	4.6	4.903
5583	10202	68107	50	90.4	108.9	1.4	0.04	0.000*	---	2.08	0.042
5584	10203	68107	50	273	244	1.4	0.04	0.000*	---	4.38	3.94
5585	10204	68107	50	420	352.8	1.4	0.04	0.000*	---	6.08	14.496
5586	10205	68107	50	530.3	434.4	1.4	0.04	0.000*	---	7.28	25.013
5587	10206	68107	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.312
5588	10208	68107	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
5589	10209	68107	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
5590	10211	68107	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.336
5591	10212	68107	50	422.8	354.9	1.4	0.04	0.000*	---	6.11	14.749
5592	10213	68107	50	116.7	128.4	1.4	0.04	0.000*	---	2.42	0.128
5593	10214	68107	50	227.9	210.6	1.4	0.04	0.000*	---	3.83	2.056
5594	10215	68107	50	230.6	212.6	1.4	0.04	0.000*	---	3.86	2.149
5595	10216	68107	50	373.6	318.4	1.4	0.04	0.000*	---	5.56	10.559
5596	10218	68107	50	1046.8	816.7	1.4	0.04	0.000*	---	12.23	66.572
5597	10222	68107	50	387.7	328.9	1.4	0.04	0.000*	---	5.72	11.712
5598	10223	68107	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.592
5599	10224	68107	50	279.5	248.8	1.4	0.04	0.000*	---	4.46	4.27
5600	10225	68107	50	160.7	160.9	1.4	0.04	0.000*	---	2.99	0.51
5601	10226	68107	50	111.8	124.8	1.4	0.04	0.000*	---	2.36	0.106
5602	10227	68107	50	811.9	642.8	1.4	0.04	0.000*	---	10.11	50.898
5603	10228	68107	50	473.8	392.6	1.4	0.04	0.000*	---	6.68	19.497
5604	10229	68107	50	165.1	164.1	1.4	0.04	0.000*	---	3.04	0.57
5605	10230	68107	50	194.4	185.9	1.4	0.04	0.000*	---	3.41	1.113
5606	10231	68107	50	365.8	312.7	1.4	0.04	0.000*	---	5.47	9.948
5607	10232	68107	50	462.7	384.4	1.4	0.04	0.000*	---	6.55	18.44
5608	10233	68107	50	362.4	310.2	1.4	0.04	0.000*	---	5.43	9.68
5609	10236	68107	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.196
5610	10237	68107	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
5611	10239	68107	50	179.3	174.7	1.4	0.04	0.000*	---	3.22	0.802

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5612	10240	68107	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.116
5613	10241	68107	50	682.5	547	1.4	0.04	0.000*	---	8.85	39.754
5614	10242	68107	50	213.7	200.1	1.4	0.04	0.000*	---	3.65	1.611
5615	10243	68107	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
5616	10244	68107	50	213.2	199.8	1.4	0.04	0.000*	---	3.65	1.597
5617	10246	68107	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
5618	10247	68107	50	236.8	217.2	1.4	0.04	0.000*	---	3.94	2.371
5619	10248	68107	50	182.5	177	1.4	0.04	0.000*	---	3.27	0.862
5620	10249	68107	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.683
5621	10251	68107	50	97.5	114.2	1.4	0.04	0.000*	---	2.17	0.058
5622	10252	68107	50	459.6	382.1	1.4	0.04	0.000*	---	6.52	18.147
5623	10253	68107	50	317.7	277.1	1.4	0.04	0.000*	---	4.91	6.5
5624	10254	68107	50	353	303.3	1.4	0.04	0.000*	---	5.32	8.969
5625	10256	68107	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.253
5626	10257	68107	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
5627	10258	68107	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
5628	10259	68107	50	337	291.4	1.4	0.04	0.000*	---	5.13	7.802
5629	10260	68107	50	311.1	272.2	1.4	0.04	0.000*	---	4.83	6.081
5630	10261	68107	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
5631	10262	68107	50	375.7	320	1.4	0.04	0.000*	---	5.58	10.732
5632	10263	68107	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
5633	10264	68107	50	226.4	209.6	1.4	0.04	0.000*	---	3.81	2.008
5634	10265	68107	50	542.6	443.5	1.4	0.04	0.000*	---	7.41	26.228
5635	10266	68107	50	177.5	173.4	1.4	0.04	0.000*	---	3.2	0.77
5636	10269	68107	50	423.8	355.6	1.4	0.04	0.000*	---	6.12	14.834
5637	10272	68107	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.46
5638	10273	68107	50	366.4	313.1	1.4	0.04	0.000*	---	5.47	9.99
5639	10274	68107	50	185	178.9	1.4	0.04	0.000*	---	3.3	0.912
5640	10275	68107	50	96.7	113.5	1.4	0.04	0.000*	---	2.16	0.056
5641	10276	68107	50	215.1	201.2	1.4	0.04	0.000*	---	3.67	1.653
5642	10277	68107	50	572.3	465.5	1.4	0.04	0.000*	---	7.73	29.162
5643	10279	68107	50	465.9	386.8	1.4	0.04	0.000*	---	6.59	18.741
5644	10280	68107	50	153.3	155.5	1.4	0.04	0.000*	---	2.9	0.418
5645	10281	68107	50	209.5	197	1.4	0.04	0.000*	---	3.6	1.491
5646	10283	68107	50	394.9	334.2	1.4	0.04	0.000*	---	5.8	12.317
5647	10286	68107	50	394	333.6	1.4	0.04	0.000*	---	5.79	12.238
5648	10288	68107	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.223
5649	10289	68107	50	144.4	148.9	1.4	0.04	0.000*	---	2.78	0.324
5650	10290	68107	50	274.6	245.2	1.4	0.04	0.000*	---	4.4	4.019
5651	10291	68107	50	374.9	319.4	1.4	0.04	0.000*	---	5.57	10.661
5652	10293	68107	50	318.1	277.4	1.4	0.04	0.000*	---	4.91	6.525
5653	10294	68107	50	183.7	178	1.4	0.04	0.000*	---	3.28	0.887
5654	10295	68107	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.016
5655	10296	68107	50	186.3	179.8	1.4	0.04	0.000*	---	3.31	0.937
5656	10297	68107	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
5657	10298	68107	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.904
5658	10299	68107	50	298.8	263.1	1.4	0.04	0.000*	---	4.69	5.337
5659	10300	68107	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
5660	10301	68107	50	303.5	266.6	1.4	0.04	0.000*	---	4.74	5.618
5661	10302	68107	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.108
5662	10303	68107	50	1037.9	810	1.4	0.04	0.000*	---	12.15	66.079
5663	10304	68107	50	126.4	135.6	1.4	0.04	0.000*	---	2.55	0.182
5664	10305	68107	50	499.7	411.8	1.4	0.04	0.000*	---	6.96	22.006
5665	10306	68107	50	89.5	108.3	1.4	0.04	0.000*	---	2.07	0.04
5666	10308	68107	50	748.2	595.7	1.4	0.04	0.000*	---	9.5	45.624
5667	10309	68107	50	383.3	325.7	1.4	0.04	0.000*	---	5.67	11.35
5668	10310	68107	50	530.8	434.8	1.4	0.04	0.000*	---	7.29	25.058
5669	10311	68107	50	245.4	223.6	1.4	0.04	0.000*	---	4.04	2.702
5670	10313	68107	50	593.7	481.4	1.4	0.04	0.000*	---	7.95	31.272
5671	10314	68107	50	265.4	238.4	1.4	0.04	0.000*	---	4.29	3.571
5672	10315	68107	50	242.1	221.1	1.4	0.04	0.000*	---	4	2.572

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5673	10316	68107	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.978
5674	10317	68107	50	305.7	268.2	1.4	0.04	0.000*	---	4.77	5.751
5675	10318	68107	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.522
5676	10320	68107	50	108.4	122.2	1.4	0.04	0.000*	---	2.31	0.092
5677	10322	68107	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.543
5678	10324	68107	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
5679	10326	68107	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.014
5680	10327	68107	50	365.5	312.4	1.4	0.04	0.000*	---	5.46	9.917
5681	10328	68107	50	259.4	234	1.4	0.04	0.000*	---	4.21	3.298
5682	10329	68107	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.655
5683	10330	68107	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.872
5684	10331	68107	50	432.4	362	1.4	0.04	0.000*	---	6.22	15.617
5685	10332	68107	50	384.1	326.2	1.4	0.04	0.000*	---	5.68	11.412
5686	10333	68107	50	218	203.3	1.4	0.04	0.000*	---	3.71	1.738
5687	10334	68107	50	217.6	203	1.4	0.04	0.000*	---	3.7	1.726
5688	10337	68107	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.857
5689	10338	68107	50	380.5	323.6	1.4	0.04	0.000*	---	5.64	11.123
5690	10339	68107	50	206.7	195	1.4	0.04	0.000*	---	3.57	1.416
5691	10340	68107	50	158.4	159.2	1.4	0.04	0.000*	---	2.96	0.48
5692	10342	68107	50	151	153.7	1.4	0.04	0.000*	---	2.87	0.392
5693	10343	68107	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
5694	10344	68107	50	472.5	391.6	1.4	0.04	0.000*	---	6.66	19.368
5695	10345	68107	50	190.7	183.1	1.4	0.04	0.000*	---	3.37	1.029
5696	10346	68107	50	518.8	425.9	1.4	0.04	0.000*	---	7.16	23.876
5697	10347	68107	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.213
5698	10348	68107	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
5699	10349	68107	50	92.4	110.4	1.4	0.04	0.000*	---	2.1	0.046
5700	10351	68107	50	242.9	221.7	1.4	0.04	0.000*	---	4.01	2.602
5701	10352	68107	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.872
5702	10353	68107	50	136.9	143.3	1.4	0.04	0.000*	---	2.68	0.257
5703	10354	68107	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.441
5704	10356	68107	50	77.1	99	1.4	0.04	0.000*	---	1.9	0.021
5705	10358	68107	50	210.5	197.8	1.4	0.04	0.000*	---	3.61	1.52
5706	10359	68107	50	292.9	258.8	1.4	0.04	0.000*	---	4.62	4.998
5707	10360	68107	50	255.3	230.9	1.4	0.04	0.000*	---	4.16	3.115
5708	10362	68107	50	305	267.7	1.4	0.04	0.000*	---	4.76	5.707
5709	10364	68107	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.779
5710	10367	68107	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.598
5711	10369	68107	50	97.6	114.2	1.4	0.04	0.000*	---	2.17	0.058
5712	10370	68107	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.279
5713	10371	68107	50	143.6	148.3	1.4	0.04	0.000*	---	2.77	0.316
5714	10372	68107	50	305.1	267.8	1.4	0.04	0.000*	---	4.76	5.712
5715	10374	68107	50	226.5	209.6	1.4	0.04	0.000*	---	3.81	2.011
5716	10375	68107	50	501.6	413.2	1.4	0.04	0.000*	---	6.98	22.19
5717	10376	68107	50	484.2	400.3	1.4	0.04	0.000*	---	6.79	20.501
5718	10377	68107	50	351.4	302.1	1.4	0.04	0.000*	---	5.3	8.849
5719	10378	68107	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.046
5720	10381	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
5721	10382	68107	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.758
5722	10383	68107	50	180.2	175.4	1.4	0.04	0.000*	---	3.24	0.819
5723	10385	68107	50	110.3	123.6	1.4	0.04	0.000*	---	2.34	0.1
5724	10386	68107	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.266
5725	10387	68107	50	49.3	78.4	1.4	0.04	0.000*	---	1.53	0.003
5726	10388	68107	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.222
5727	10389	68107	50	202.9	192.1	1.4	0.04	0.000*	---	3.52	1.316
5728	10390	68107	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.543
5729	10392	68107	50	410.1	345.5	1.4	0.04	0.000*	---	5.97	13.627
5730	10394	68107	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
5731	10395	68107	50	281.5	250.3	1.4	0.04	0.000*	---	4.48	4.378
5732	10396	68107	50	235.4	216.2	1.4	0.04	0.000*	---	3.92	2.319
5733	10397	68107	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5734	10398	68107	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.068
5735	10401	68107	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
5736	10402	68107	50	137.6	143.8	1.4	0.04	0.000*	---	2.69	0.263
5737	10403	68107	50	176.6	172.7	1.4	0.04	0.000*	---	3.19	0.754
5738	10404	68107	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
5739	10405	68107	50	113.5	126	1.4	0.04	0.000*	---	2.38	0.113
5740	10407	68107	50	284.1	252.2	1.4	0.04	0.000*	---	4.51	4.514
5741	10408	68107	50	229.9	212.1	1.4	0.04	0.000*	---	3.85	2.125
5742	10409	68107	50	378.2	321.9	1.4	0.04	0.000*	---	5.61	10.932
5743	10410	68107	50	452.5	376.9	1.4	0.04	0.000*	---	6.44	17.479
5744	10412	68107	50	348.5	299.9	1.4	0.04	0.000*	---	5.27	8.628
5745	10413	68107	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.012
5746	10414	68107	50	448.2	373.6	1.4	0.04	0.000*	---	6.39	17.072
5747	10415	68107	50	157.1	158.3	1.4	0.04	0.000*	---	2.94	0.464
5748	10416	68107	50	241.4	220.6	1.4	0.04	0.000*	---	4	2.546
5749	10417	68107	50	311.6	272.6	1.4	0.04	0.000*	---	4.84	6.115
5750	10418	68107	50	188.2	181.2	1.4	0.04	0.000*	---	3.34	0.976
5751	10419	68107	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
5752	10420	68107	50	226.5	209.6	1.4	0.04	0.000*	---	3.81	2.009
5753	10421	68107	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
5754	10422	68107	50	126	135.2	1.4	0.04	0.000*	---	2.54	0.179
5755	10425	68107	50	130.7	138.7	1.4	0.04	0.000*	---	2.61	0.211
5756	10427	68107	50	355	304.7	1.4	0.04	0.000*	---	5.34	9.116
5757	10428	68107	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.411
5758	10429	68107	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.61
5759	10430	68107	50	361.5	309.5	1.4	0.04	0.000*	---	5.42	9.615
5760	10431	68107	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.374
5761	10432	68107	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
5762	10433	68107	50	320.6	279.3	1.4	0.04	0.000*	---	4.94	6.69
5763	10434	68107	50	455	378.7	1.4	0.04	0.000*	---	6.47	17.711
5764	10435	68107	50	256.2	231.6	1.4	0.04	0.000*	---	4.18	3.157
5765	10436	68107	50	341.1	294.5	1.4	0.04	0.000*	---	5.18	8.099
5766	10437	68107	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
5767	10438	68107	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.059
5768	10439	68107	50	113	125.6	1.4	0.04	0.000*	---	2.37	0.111
5769	10440	68107	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.481
5770	10441	68107	50	203.7	192.8	1.4	0.04	0.000*	---	3.53	1.338
5771	10443	68107	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
5772	10444	68107	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.757
5773	10445	68107	50	203.7	192.7	1.4	0.04	0.000*	---	3.53	1.336
5774	10447	68107	50	224.6	208.2	1.4	0.04	0.000*	---	3.79	1.948
5775	10449	68107	50	228.9	211.4	1.4	0.04	0.000*	---	3.84	2.091
5776	10450	68107	50	243	221.8	1.4	0.04	0.000*	---	4.01	2.607
5777	10451	68107	50	126	135.2	1.4	0.04	0.000*	---	2.54	0.179
5778	10452	68107	50	950.6	745.5	1.4	0.04	0.000*	---	11.38	60.851
5779	10453	68107	50	138.8	144.7	1.4	0.04	0.000*	---	2.71	0.273
5780	10454	68107	50	140.3	145.8	1.4	0.04	0.000*	---	2.73	0.286
5781	10455	68107	50	142.6	147.5	1.4	0.04	0.000*	---	2.76	0.306
5782	10456	68107	50	265.1	238.2	1.4	0.04	0.000*	---	4.28	3.559
5783	10457	68107	50	218.9	204	1.4	0.04	0.000*	---	3.72	1.768
5784	10458	68107	50	155.6	157.1	1.4	0.04	0.000*	---	2.92	0.445
5785	10459	68107	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.596
5786	10460	68107	50	303.5	266.6	1.4	0.04	0.000*	---	4.74	5.616
5787	10461	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.743
5788	10462	68107	50	181.8	176.6	1.4	0.04	0.000*	---	3.26	0.85
5789	10463	68107	50	556.5	453.8	1.4	0.04	0.000*	---	7.56	27.599
5790	10464	68107	50	226.6	209.7	1.4	0.04	0.000*	---	3.81	2.013
5791	10466	68107	50	295.4	260.6	1.4	0.04	0.000*	---	4.65	5.141
5792	10467	68107	50	320.5	279.1	1.4	0.04	0.000*	---	4.94	6.681
5793	10468	68107	50	361.7	309.6	1.4	0.04	0.000*	---	5.42	9.624
5794	10469	68107	50	127.8	136.5	1.4	0.04	0.000*	---	2.57	0.19

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5795	10470	68107	50	171.3	168.8	1.4	0.04	0.000*	---	3.12	0.666
5796	10471	68107	50	470.6	390.2	1.4	0.04	0.000*	---	6.64	19.188
5797	10472	68107	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
5798	10473	68107	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
5799	10474	68107	50	498.9	411.2	1.4	0.04	0.000*	---	6.95	21.923
5800	10475	68107	50	171.4	168.9	1.4	0.04	0.000*	---	3.13	0.667
5801	10478	68107	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.969
5802	10480	68107	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.102
5803	10481	68107	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
5804	10483	68107	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
5805	10484	68107	50	310.7	271.9	1.4	0.04	0.000*	---	4.83	6.056
5806	10485	68107	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039
5807	10486	68107	50	242.9	221.8	1.4	0.04	0.000*	---	4.01	2.605
5808	10487	68107	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
5809	10488	68107	50	130.6	138.6	1.4	0.04	0.000*	---	2.6	0.21
5810	10489	68107	50	433.3	362.6	1.4	0.04	0.000*	---	6.23	15.698
5811	10490	68107	50	349.1	300.4	1.4	0.04	0.000*	---	5.28	8.68
5812	10491	68107	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.322
5813	10492	68107	50	216	201.9	1.4	0.04	0.000*	---	3.68	1.68
5814	10494	68107	50	369.2	315.2	1.4	0.04	0.000*	---	5.51	10.209
5815	10495	68107	50	192.5	184.4	1.4	0.04	0.000*	---	3.39	1.069
5816	10496	68107	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.646
5817	10497	68107	50	298.3	262.7	1.4	0.04	0.000*	---	4.68	5.305
5818	10499	68107	50	336.1	290.7	1.4	0.04	0.000*	---	5.12	7.741
5819	10500	68107	50	502.1	413.6	1.4	0.04	0.000*	---	6.98	22.241
5820	10501	68107	50	410.1	345.5	1.4	0.04	0.000*	---	5.97	13.626
5821	10503	68107	50	437.5	365.8	1.4	0.04	0.000*	---	6.28	16.084
5822	10504	68107	50	81.4	102.3	1.4	0.04	0.000*	---	1.96	0.026
5823	10505	68107	50	492.1	406.1	1.4	0.04	0.000*	---	6.87	21.261
5824	10506	68107	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
5825	10508	68107	50	336.2	290.8	1.4	0.04	0.000*	---	5.12	7.746
5826	10510	68107	50	105.1	119.8	1.4	0.04	0.000*	---	2.27	0.081
5827	10511	68107	50	439.3	367.1	1.4	0.04	0.000*	---	6.3	16.247
5828	10512	68107	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
5829	10513	68107	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.349
5830	10515	68107	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
5831	10516	68107	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.907
5832	10518	68107	50	152.5	154.9	1.4	0.04	0.000*	---	2.89	0.409
5833	10519	68107	50	169.5	167.4	1.4	0.04	0.000*	---	3.1	0.637
5834	10520	68107	50	270.7	242.3	1.4	0.04	0.000*	---	4.35	3.828
5835	10521	68107	50	52.7	81	1.4	0.04	0.000*	---	1.57	0.004
5836	10522	68107	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.33
5837	10523	68107	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.341
5838	10524	68107	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.507
5839	10525	68107	50	229.8	212.1	1.4	0.04	0.000*	---	3.85	2.123
5840	10526	68107	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.858
5841	10527	68107	50	161	161.2	1.4	0.04	0.000*	---	2.99	0.514
5842	10528	68107	50	581.8	472.5	1.4	0.04	0.000*	---	7.83	30.101
5843	10529	68107	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.28
5844	10530	68107	50	211.1	198.3	1.4	0.04	0.000*	---	3.62	1.538
5845	10531	68107	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.262
5846	10532	68107	50	154	156	1.4	0.04	0.000*	---	2.9	0.427
5847	10533	68107	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
5848	10534	68107	50	272.9	243.9	1.4	0.04	0.000*	---	4.38	3.936
5849	10535	68107	50	200.5	190.4	1.4	0.04	0.000*	---	3.49	1.256
5850	10536	68107	50	297.2	261.9	1.4	0.04	0.000*	---	4.67	5.244
5851	10537	68107	50	79.9	101.1	1.4	0.04	0.000*	---	1.94	0.024
5852	10538	68107	50	346.3	298.3	1.4	0.04	0.000*	---	5.24	8.473
5853	10539	68107	50	273.9	244.7	1.4	0.04	0.000*	---	4.39	3.985
5854	10540	68107	50	224.8	208.4	1.4	0.04	0.000*	---	3.79	1.955
5855	10542	68107	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5856	10543	68107	50	285.6	253.4	1.4	0.04	0.000*	---	4.53	4.597
5857	10544	68107	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
5858	10545	68107	50	127.4	136.3	1.4	0.04	0.000*	---	2.56	0.188
5859	10546	68107	50	76.6	98.6	1.4	0.04	0.000*	---	1.89	0.02
5860	10547	68107	50	184.4	178.5	1.4	0.04	0.000*	---	3.29	0.901
5861	10548	68107	50	152.9	155.1	1.4	0.04	0.000*	---	2.89	0.413
5862	10550	68107	50	142.8	147.7	1.4	0.04	0.000*	---	2.76	0.309
5863	10552	68107	50	203.6	192.6	1.4	0.04	0.000*	---	3.53	1.334
5864	10555	68107	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
5865	10556	68107	50	272.5	243.7	1.4	0.04	0.000*	---	4.37	3.917
5866	10557	68107	50	379.1	322.6	1.4	0.04	0.000*	---	5.62	11.007
5867	10558	68107	50	323.5	281.4	1.4	0.04	0.000*	---	4.98	6.882
5868	10561	68107	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
5869	10562	68107	50	1042	813.1	1.4	0.04	0.000*	---	12.19	66.307
5870	10563	68107	50	234.7	215.7	1.4	0.04	0.000*	---	3.91	2.297
5871	10564	68107	50	357.9	306.9	1.4	0.04	0.000*	---	5.38	9.338
5872	10566	68107	50	341	294.3	1.4	0.04	0.000*	---	5.18	8.087
5873	10567	68107	50	256.1	231.5	1.4	0.04	0.000*	---	4.17	3.152
5874	10568	68107	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
5875	10569	68107	50	266.2	239	1.4	0.04	0.000*	---	4.3	3.612
5876	10570	68107	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.274
5877	10571	68107	50	196.7	187.5	1.4	0.04	0.000*	---	3.44	1.164
5878	10572	68107	50	286.7	254.2	1.4	0.04	0.000*	---	4.54	4.656
5879	10573	68107	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266
5880	10574	68107	50	112	124.9	1.4	0.04	0.000*	---	2.36	0.107
5881	10575	68107	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
5882	10576	68107	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
5883	10577	68107	50	374	318.7	1.4	0.04	0.000*	---	5.56	10.591
5884	10578	68107	50	297.1	261.9	1.4	0.04	0.000*	---	4.67	5.24
5885	10579	68107	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
5886	10580	68107	50	437.1	365.5	1.4	0.04	0.000*	---	6.27	16.049
5887	10581	68107	50	323.2	281.2	1.4	0.04	0.000*	---	4.97	6.863
5888	10582	68107	50	601.5	487.1	1.4	0.04	0.000*	---	8.03	32.031
5889	10583	68107	50	408.1	344	1.4	0.04	0.000*	---	5.95	13.451
5890	10584	68107	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
5891	10585	68107	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
5892	10587	68107	50	124.8	134.4	1.4	0.04	0.000*	---	2.53	0.172
5893	10588	68107	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.895
5894	10589	68107	50	192.1	184.2	1.4	0.04	0.000*	---	3.39	1.061
5895	10591	68107	50	390.5	331	1.4	0.04	0.000*	---	5.75	11.948
5896	10592	68107	50	262.6	236.3	1.4	0.04	0.000*	---	4.25	3.442
5897	10597	68107	50	879.8	693	1.4	0.04	0.000*	---	10.74	56.03
5898	10598	68107	50	148.2	151.7	1.4	0.04	0.000*	---	2.83	0.362
5899	10599	68107	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.421
5900	10600	68107	50	240.5	219.9	1.4	0.04	0.000*	---	3.98	2.51
5901	10601	68107	50	233.6	214.9	1.4	0.04	0.000*	---	3.9	2.255
5902	10604	68107	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.117
5903	10607	68107	50	434.9	363.8	1.4	0.04	0.000*	---	6.25	15.842
5904	10608	68107	50	203.2	192.4	1.4	0.04	0.000*	---	3.52	1.325
5905	10609	68107	50	248.7	226	1.4	0.04	0.000*	---	4.08	2.835
5906	10610	68107	50	330.4	286.5	1.4	0.04	0.000*	---	5.06	7.346
5907	10611	68107	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.509
5908	10612	68107	50	120.3	131.1	1.4	0.04	0.000*	---	2.47	0.147
5909	10613	68107	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
5910	10614	68107	50	252.5	228.9	1.4	0.04	0.000*	---	4.13	2.996
5911	10615	68107	50	63.8	89.2	1.4	0.04	0.000*	---	1.72	0.009
5912	10616	68107	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
5913	10617	68107	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
5914	10618	68107	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
5915	10619	68107	50	203.3	192.4	1.4	0.04	0.000*	---	3.53	1.327
5916	10620	68107	50	98.4	114.8	1.4	0.04	0.000*	---	2.18	0.06

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5917	10622	68107	50	168	166.4	1.4	0.04	0.000*	---	3.08	0.614
5918	10623	68107	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
5919	10624	68107	50	292.1	258.2	1.4	0.04	0.000*	---	4.61	4.955
5920	10627	68107	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
5921	10628	68107	50	234.8	215.8	1.4	0.04	0.000*	---	3.91	2.3
5922	10630	68107	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
5923	10631	68107	50	141.3	146.6	1.4	0.04	0.000*	---	2.74	0.295
5924	10633	68107	50	84.9	104.8	1.4	0.04	0.000*	---	2.01	0.032
5925	10634	68107	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
5926	10636	68107	50	195.6	186.7	1.4	0.04	0.000*	---	3.43	1.139
5927	10637	68107	50	152.8	155	1.4	0.04	0.000*	---	2.89	0.412
5928	10638	68107	50	107.8	121.8	1.4	0.04	0.000*	---	2.31	0.09
5929	10639	68107	50	171.6	168.9	1.4	0.04	0.000*	---	3.13	0.669
5930	10640	68107	50	54.3	82.1	1.4	0.04	0.000*	---	1.6	0.005
5931	10642	68107	50	57.1	84.2	1.4	0.04	0.000*	---	1.63	0.006
5932	10643	68107	50	305.6	268.1	1.4	0.04	0.000*	---	4.77	5.74
5933	10644	68107	50	134.7	141.7	1.4	0.04	0.000*	---	2.66	0.24
5934	10645	68107	50	227.9	210.6	1.4	0.04	0.000*	---	3.83	2.056
5935	10646	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
5936	10647	68107	50	142.4	147.3	1.4	0.04	0.000*	---	2.76	0.305
5937	10648	68107	50	345.8	297.9	1.4	0.04	0.000*	---	5.24	8.437
5938	10649	68107	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.48
5939	10650	68107	50	349.1	300.4	1.4	0.04	0.000*	---	5.28	8.679
5940	10651	68107	50	264.3	237.6	1.4	0.04	0.000*	---	4.27	3.521
5941	10652	68107	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.112
5942	10653	68107	50	383.1	325.5	1.4	0.04	0.000*	---	5.66	11.331
5943	10654	68107	50	107.2	121.3	1.4	0.04	0.000*	---	2.3	0.088
5944	10655	68107	50	66.9	91.5	1.4	0.04	0.000*	---	1.77	0.011
5945	10657	68107	50	99.4	115.5	1.4	0.04	0.000*	---	2.2	0.063
5946	10658	68107	50	147.4	151	1.4	0.04	0.000*	---	2.82	0.353
5947	10660	68107	50	265.4	238.4	1.4	0.04	0.000*	---	4.29	3.575
5948	10661	68107	50	47.2	76.9	1.4	0.04	0.000*	---	1.5	0.003
5949	10662	68107	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.109
5950	10663	68107	50	442.9	369.8	1.4	0.04	0.000*	---	6.34	16.584
5951	10664	68107	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.224
5952	10667	68107	50	49.6	78.7	1.4	0.04	0.000*	---	1.53	0.003
5953	10668	68107	50	365.5	312.4	1.4	0.04	0.000*	---	5.46	9.917
5954	10670	68107	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.09
5955	10671	68107	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.672
5956	10672	68107	50	48.6	77.9	1.4	0.04	0.000*	---	1.52	0.003
5957	10673	68107	50	364.6	311.8	1.4	0.04	0.000*	---	5.45	9.854
5958	10674	68107	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.874
5959	10676	68107	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.381
5960	10678	68107	50	274.4	245.1	1.4	0.04	0.000*	---	4.39	4.013
5961	10679	68107	50	235	215.9	1.4	0.04	0.000*	---	3.92	2.306
5962	10680	68107	50	116.4	128.1	1.4	0.04	0.000*	---	2.42	0.127
5963	10681	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.553
5964	10682	68107	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
5965	10683	68107	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.798
5966	10684	68107	50	384.5	326.5	1.4	0.04	0.000*	---	5.68	11.446
5967	10685	68107	50	108.6	122.3	1.4	0.04	0.000*	---	2.32	0.093
5968	10686	68107	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
5969	10687	68107	50	225.7	209.1	1.4	0.04	0.000*	---	3.8	1.985
5970	10688	68107	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.365
5971	10689	68107	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.959
5972	10690	68107	50	179.3	174.7	1.4	0.04	0.000*	---	3.23	0.803
5973	10691	68107	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
5974	10693	68107	50	338.7	292.6	1.4	0.04	0.000*	---	5.15	7.923
5975	10694	68107	50	127.1	136	1.4	0.04	0.000*	---	2.56	0.186
5976	10696	68107	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.79
5977	10697	68107	50	523.5	429.4	1.4	0.04	0.000*	---	7.21	24.347

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
5978	10698	68107	50	701.8	561.3	1.4	0.04	0.000*	---	9.04	41.523
5979	10700	68107	50	567.9	462.2	1.4	0.04	0.000*	---	7.68	28.727
5980	10702	68107	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.413
5981	10703	68107	50	588.5	477.5	1.4	0.04	0.000*	---	7.9	30.765
5982	10704	68107	50	322.4	280.5	1.4	0.04	0.000*	---	4.96	6.805
5983	10705	68107	50	368	314.4	1.4	0.04	0.000*	---	5.49	10.121
5984	10706	68107	50	103.4	118.5	1.4	0.04	0.000*	---	2.25	0.075
5985	10707	68107	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.991
5986	10709	68107	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
5987	10710	68107	50	473.3	392.3	1.4	0.04	0.000*	---	6.67	19.452
5988	10712	68107	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.96
5989	10713	68107	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.281
5990	10714	68107	50	523.8	429.6	1.4	0.04	0.000*	---	7.22	24.373
5991	10715	68107	50	139.8	145.4	1.4	0.04	0.000*	---	2.72	0.281
5992	10717	68107	50	336.8	291.3	1.4	0.04	0.000*	---	5.13	7.793
5993	10718	68107	50	151.9	154.4	1.4	0.04	0.000*	---	2.88	0.402
5994	10719	68107	50	316.9	276.5	1.4	0.04	0.000*	---	4.9	6.448
5995	10720	68107	50	261.5	235.5	1.4	0.04	0.000*	---	4.24	3.39
5996	10721	68107	50	456.2	379.6	1.4	0.04	0.000*	---	6.48	17.823
5997	10722	68107	50	189.4	182.1	1.4	0.04	0.000*	---	3.35	1.002
5998	10723	68107	50	264.5	237.8	1.4	0.04	0.000*	---	4.28	3.533
5999	10724	68107	50	283.3	251.7	1.4	0.04	0.000*	---	4.5	4.473
6000	10725	68107	50	482.2	398.8	1.4	0.04	0.000*	---	6.77	20.306
6001	10726	68107	50	127.1	136	1.4	0.04	0.000*	---	2.56	0.186
6002	10727	68107	50	380.8	323.8	1.4	0.04	0.000*	---	5.64	11.141
6003	10728	68107	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.517
6004	10729	68107	50	290.6	257	1.4	0.04	0.000*	---	4.59	4.869
6005	10730	68107	50	351.6	302.2	1.4	0.04	0.000*	---	5.3	8.86
6006	10731	68107	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.942
6007	10732	68107	50	421.6	354	1.4	0.04	0.000*	---	6.1	14.646
6008	10733	68107	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
6009	10734	68107	50	519.1	426.2	1.4	0.04	0.000*	---	7.17	23.912
6010	10735	68107	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.047
6011	10736	68107	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.278
6012	10737	68107	50	125.6	134.9	1.4	0.04	0.000*	---	2.54	0.177
6013	10738	68107	50	373.3	318.2	1.4	0.04	0.000*	---	5.55	10.533
6014	10739	68107	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.93
6015	10740	68107	50	236	216.6	1.4	0.04	0.000*	---	3.93	2.343
6016	10741	68107	50	367	313.6	1.4	0.04	0.000*	---	5.48	10.042
6017	10742	68107	50	591.6	479.8	1.4	0.04	0.000*	---	7.93	31.063
6018	10743	68107	50	471.1	390.6	1.4	0.04	0.000*	---	6.65	19.239
6019	10744	68107	50	227	210	1.4	0.04	0.000*	---	3.82	2.027
6020	10745	68107	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.125
6021	10746	68107	50	186.3	179.9	1.4	0.04	0.000*	---	3.31	0.938
6022	10747	68107	50	91.3	109.6	1.4	0.04	0.000*	---	2.09	0.043
6023	10748	68107	50	163	162.6	1.4	0.04	0.000*	---	3.02	0.541
6024	10750	68107	50	237.2	217.5	1.4	0.04	0.000*	---	3.94	2.386
6025	10752	68107	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
6026	10754	68107	50	165.2	164.3	1.4	0.04	0.000*	---	3.05	0.573
6027	10755	68107	50	465.9	386.7	1.4	0.04	0.000*	---	6.59	18.737
6028	10756	68107	50	124.6	134.2	1.4	0.04	0.000*	---	2.53	0.171
6029	10758	68107	50	55.7	83.2	1.4	0.04	0.000*	---	1.61	0.005
6030	10760	68107	50	410.6	345.9	1.4	0.04	0.000*	---	5.98	13.67
6031	10761	68107	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
6032	10763	68107	50	506.8	417	1.4	0.04	0.000*	---	7.03	22.695
6033	10764	68107	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
6034	10765	68107	50	355.2	304.8	1.4	0.04	0.000*	---	5.35	9.13
6035	10766	68107	50	128.7	137.3	1.4	0.04	0.000*	---	2.58	0.197
6036	10767	68107	50	412.8	347.5	1.4	0.04	0.000*	---	6	13.861
6037	10768	68107	50	50.6	79.4	1.4	0.04	0.000*	---	1.55	0.004
6038	10770	68107	50	48.9	78.2	1.4	0.04	0.000*	---	1.52	0.003

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6039	10772	68107	50	152.5	154.9	1.4	0.04	0.000*	---	2.88	0.409
6040	10773	68107	50	217.1	202.7	1.4	0.04	0.000*	---	3.7	1.713
6041	10774	68107	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.766
6042	10775	68107	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
6043	10776	68107	50	52.6	80.9	1.4	0.04	0.000*	---	1.57	0.004
6044	10777	68107	50	56.9	84.1	1.4	0.04	0.000*	---	1.63	0.006
6045	10779	68107	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.335
6046	10780	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
6047	10781	68107	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.966
6048	10783	68107	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
6049	10784	68107	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.965
6050	10786	68107	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.794
6051	10787	68107	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015
6052	10788	68107	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.867
6053	10789	68107	50	294.2	259.7	1.4	0.04	0.000*	---	4.63	5.071
6054	10790	68107	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.005
6055	10791	68107	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.604
6056	10792	68107	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.269
6057	10793	68107	50	360	308.4	1.4	0.04	0.000*	---	5.4	9.493
6058	10794	68107	50	324	281.8	1.4	0.04	0.000*	---	4.98	6.913
6059	10795	68107	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
6060	10796	68107	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
6061	10797	68107	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
6062	10799	68107	50	309.4	271	1.4	0.04	0.000*	---	4.81	5.975
6063	10800	68107	50	350.4	301.3	1.4	0.04	0.000*	---	5.29	8.774
6064	10801	68107	50	232.6	214.1	1.4	0.04	0.000*	---	3.89	2.221
6065	10802	68107	50	169	167.1	1.4	0.04	0.000*	---	3.1	0.63
6066	10803	68107	50	375.6	320	1.4	0.04	0.000*	---	5.58	10.725
6067	10804	68107	50	603.7	488.7	1.4	0.04	0.000*	---	8.05	32.246
6068	10805	68107	50	136.4	143	1.4	0.04	0.000*	---	2.68	0.254
6069	10807	68107	50	349.5	300.6	1.4	0.04	0.000*	---	5.28	8.708
6070	10808	68107	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.411
6071	10809	68107	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
6072	10813	68107	50	156.8	158	1.4	0.04	0.000*	---	2.94	0.46
6073	10814	68107	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.118
6074	10816	68107	50	339.1	292.9	1.4	0.04	0.000*	---	5.16	7.953
6075	10817	68107	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49
6076	10819	68107	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.964
6077	10820	68107	50	107.2	121.3	1.4	0.04	0.000*	---	2.3	0.088
6078	10821	68107	50	232.6	214.2	1.4	0.04	0.000*	---	3.89	2.222
6079	10822	68107	50	324.8	282.3	1.4	0.04	0.000*	---	4.99	6.965
6080	10823	68107	50	211.3	198.4	1.4	0.04	0.000*	---	3.62	1.542
6081	10824	68107	50	428.4	359	1.4	0.04	0.000*	---	6.17	15.252
6082	10825	68107	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.516
6083	10826	68107	50	229	211.5	1.4	0.04	0.000*	---	3.84	2.095
6084	10827	68107	50	413.4	347.9	1.4	0.04	0.000*	---	6.01	13.911
6085	10828	68107	50	494.6	408	1.4	0.04	0.000*	---	6.9	21.511
6086	10829	68107	50	183.5	177.8	1.4	0.04	0.000*	---	3.28	0.882
6087	10831	68107	50	326.7	283.8	1.4	0.04	0.000*	---	5.01	7.094
6088	10832	68107	50	297.2	261.9	1.4	0.04	0.000*	---	4.67	5.244
6089	10833	68107	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
6090	10834	68107	50	303.5	266.6	1.4	0.04	0.000*	---	4.74	5.615
6091	10835	68107	50	373.7	318.5	1.4	0.04	0.000*	---	5.56	10.567
6092	10836	68107	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.387
6093	10837	68107	50	315	275.1	1.4	0.04	0.000*	---	4.88	6.328
6094	10838	68107	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.036
6095	10839	68107	50	330.8	286.8	1.4	0.04	0.000*	---	5.06	7.372
6096	10840	68107	50	121	131.6	1.4	0.04	0.000*	---	2.48	0.15
6097	10841	68107	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.754
6098	10842	68107	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
6099	10843	68107	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.33

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6100	10844	68107	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193
6101	10847	68107	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.982
6102	10848	68107	50	357.3	306.4	1.4	0.04	0.000*	---	5.37	9.29
6103	10850	68107	50	110.3	123.7	1.4	0.04	0.000*	---	2.34	0.1
6104	10851	68107	50	461.4	383.4	1.4	0.04	0.000*	---	6.54	18.312
6105	10854	68107	50	188.2	181.3	1.4	0.04	0.000*	---	3.34	0.977
6106	10855	68107	50	302	265.5	1.4	0.04	0.000*	---	4.72	5.529
6107	10856	68107	50	356.3	305.7	1.4	0.04	0.000*	---	5.36	9.217
6108	10857	68107	50	280.3	249.4	1.4	0.04	0.000*	---	4.46	4.312
6109	10858	68107	50	307.4	269.4	1.4	0.04	0.000*	---	4.79	5.85
6110	10859	68107	50	285.3	253.1	1.4	0.04	0.000*	---	4.52	4.578
6111	10860	68107	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.377
6112	10861	68107	50	301.8	265.4	1.4	0.04	0.000*	---	4.72	5.517
6113	10862	68107	50	29	63.5	1.4	0.04	0.000*	---	1.25	0
6114	10863	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.743
6115	10864	68107	50	519.8	426.6	1.4	0.04	0.000*	---	7.17	23.977
6116	10866	68107	50	81.5	102.3	1.4	0.04	0.000*	---	1.96	0.026
6117	10867	68107	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.676
6118	10868	68107	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
6119	10870	68107	50	339.4	293.2	1.4	0.04	0.000*	---	5.16	7.974
6120	10871	68107	50	368	314.3	1.4	0.04	0.000*	---	5.49	10.117
6121	10873	68107	50	327.7	284.5	1.4	0.04	0.000*	---	5.03	7.163
6122	10874	68107	50	145.8	149.9	1.4	0.04	0.000*	---	2.8	0.338
6123	10875	68107	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.877
6124	10876	68107	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
6125	10877	68107	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
6126	10880	68107	50	90.6	109.1	1.4	0.04	0.000*	---	2.08	0.042
6127	10881	68107	50	324.6	282.2	1.4	0.04	0.000*	---	4.99	6.955
6128	10882	68107	50	286.8	254.2	1.4	0.04	0.000*	---	4.54	4.66
6129	10883	68107	50	485.8	401.5	1.4	0.04	0.000*	---	6.81	20.65
6130	10884	68107	50	54.5	82.3	1.4	0.04	0.000*	---	1.6	0.005
6131	10885	68107	50	281.9	250.6	1.4	0.04	0.000*	---	4.48	4.396
6132	10886	68107	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
6133	10887	68107	50	43.7	74.3	1.4	0.04	0.000*	---	1.45	0.002
6134	10889	68107	50	61.8	87.7	1.4	0.04	0.000*	---	1.7	0.008
6135	10890	68107	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308
6136	10891	68107	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.448
6137	10892	68107	50	329.3	285.7	1.4	0.04	0.000*	---	5.04	7.27
6138	10894	68107	50	286	253.7	1.4	0.04	0.000*	---	4.53	4.618
6139	10895	68107	50	46.1	76.1	1.4	0.04	0.000*	---	1.49	0.002
6140	10896	68107	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
6141	10897	68107	50	319.4	278.4	1.4	0.04	0.000*	---	4.93	6.611
6142	10898	68107	50	98.6	115	1.4	0.04	0.000*	---	2.19	0.061
6143	10899	68107	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
6144	10902	68107	50	344.7	297.1	1.4	0.04	0.000*	---	5.22	8.357
6145	10903	68107	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.367
6146	10905	68107	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.633
6147	10907	68107	50	38.1	70.2	1.4	0.04	0.000*	---	1.38	0.001
6148	10908	68107	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.237
6149	10909	68107	50	277.9	247.6	1.4	0.04	0.000*	---	4.44	4.187
6150	10910	68107	50	43.6	74.3	1.4	0.04	0.000*	---	1.45	0.002
6151	10912	68107	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.678
6152	10913	68107	50	150.2	153.1	1.4	0.04	0.000*	---	2.86	0.383
6153	10914	68107	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.717
6154	10915	68107	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
6155	10916	68107	50	295.9	260.9	1.4	0.04	0.000*	---	4.65	5.167
6156	10918	68107	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
6157	10919	68107	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
6158	10920	68107	50	177.7	173.5	1.4	0.04	0.000*	---	3.2	0.773
6159	10921	68107	50	422.4	354.6	1.4	0.04	0.000*	---	6.11	14.712
6160	10923	68107	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6161	10924	68107	50	162.8	162.4	1.4	0.04	0.000*	---	3.02	0.538
6162	10925	68107	50	102.4	117.8	1.4	0.04	0.000*	---	2.24	0.072
6163	10926	68107	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
6164	10927	68107	50	284.1	252.3	1.4	0.04	0.000*	---	4.51	4.515
6165	10928	68107	50	311.2	272.3	1.4	0.04	0.000*	---	4.83	6.09
6166	10931	68107	50	91.7	109.8	1.4	0.04	0.000*	---	2.09	0.044
6167	10932	68107	50	125.3	134.7	1.4	0.04	0.000*	---	2.54	0.175
6168	10933	68107	50	188.6	181.6	1.4	0.04	0.000*	---	3.34	0.985
6169	10934	68107	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.614
6170	10935	68107	50	254.9	230.6	1.4	0.04	0.000*	---	4.16	3.1
6171	10937	68107	50	69.4	93.4	1.4	0.04	0.000*	---	1.8	0.013
6172	10938	68107	50	302.5	265.8	1.4	0.04	0.000*	---	4.73	5.553
6173	10941	68107	50	210.9	198.1	1.4	0.04	0.000*	---	3.62	1.53
6174	10943	68107	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.301
6175	10944	68107	50	208.6	196.4	1.4	0.04	0.000*	---	3.59	1.468
6176	10945	68107	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
6177	10947	68107	50	400.9	338.6	1.4	0.04	0.000*	---	5.87	12.824
6178	10948	68107	50	517.5	425	1.4	0.04	0.000*	---	7.15	23.753
6179	10949	68107	50	142.5	147.5	1.4	0.04	0.000*	---	2.76	0.306
6180	10950	68107	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.624
6181	10951	68107	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
6182	10952	68107	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
6183	10953	68107	50	50.2	79.1	1.4	0.04	0.000*	---	1.54	0.003
6184	10955	68107	50	261	235.2	1.4	0.04	0.000*	---	4.23	3.371
6185	10956	68107	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
6186	10961	68107	50	374.6	319.2	1.4	0.04	0.000*	---	5.57	10.645
6187	10962	68107	50	508.5	418.3	1.4	0.04	0.000*	---	7.05	22.868
6188	10964	68107	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
6189	10965	68107	50	269.7	241.6	1.4	0.04	0.000*	---	4.34	3.779
6190	10967	68107	50	387.8	329	1.4	0.04	0.000*	---	5.72	11.717
6191	10968	68107	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.352
6192	10970	68107	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.921
6193	10972	68107	50	247.4	225.1	1.4	0.04	0.000*	---	4.07	2.784
6194	10973	68107	50	388.4	329.4	1.4	0.04	0.000*	---	5.73	11.769
6195	10974	68107	50	126.9	135.9	1.4	0.04	0.000*	---	2.56	0.185
6196	10975	68107	50	193.3	185	1.4	0.04	0.000*	---	3.4	1.087
6197	10977	68107	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.318
6198	10978	68107	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.602
6199	10979	68107	50	404.4	341.3	1.4	0.04	0.000*	---	5.91	13.129
6200	10982	68107	50	383.1	325.5	1.4	0.04	0.000*	---	5.66	11.329
6201	10985	68107	50	241.1	220.4	1.4	0.04	0.000*	---	3.99	2.536
6202	10986	68107	50	468.1	388.4	1.4	0.04	0.000*	---	6.61	18.947
6203	10988	68107	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
6204	10989	68107	50	174.4	171	1.4	0.04	0.000*	---	3.16	0.716
6205	10990	68107	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
6206	10991	68107	50	107.8	121.8	1.4	0.04	0.000*	---	2.31	0.09
6207	10992	68107	50	264.8	238	1.4	0.04	0.000*	---	4.28	3.545
6208	10994	68107	50	105.1	119.8	1.4	0.04	0.000*	---	2.27	0.081
6209	10995	68107	50	493.8	407.4	1.4	0.04	0.000*	---	6.89	21.432
6210	10997	68107	50	469.6	389.5	1.4	0.04	0.000*	---	6.63	19.093
6211	10998	68107	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.628
6212	10999	68107	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
6213	11000	68107	50	170.9	168.5	1.4	0.04	0.000*	---	3.12	0.659
6214	11002	68107	50	65.7	90.6	1.4	0.04	0.000*	---	1.75	0.01
6215	11003	68107	50	150.9	153.7	1.4	0.04	0.000*	---	2.87	0.391
6216	11004	68107	50	241.9	221	1.4	0.04	0.000*	---	4	2.565
6217	11005	68107	50	751.7	598.3	1.4	0.04	0.000*	---	9.53	45.929
6218	11006	68107	50	428.3	358.9	1.4	0.04	0.000*	---	6.17	15.242
6219	11008	68107	50	192.8	184.7	1.4	0.04	0.000*	---	3.39	1.076
6220	11009	68107	50	169.4	167.4	1.4	0.04	0.000*	---	3.1	0.636
6221	11010	68107	50	194.5	185.9	1.4	0.04	0.000*	---	3.42	1.114

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6222	11011	68107	50	60.7	86.9	1.4	0.04	0.000*	---	1.68	0.007
6223	11012	68107	50	162.1	161.9	1.4	0.04	0.000*	---	3.01	0.529
6224	11013	68107	50	475.4	393.8	1.4	0.04	0.000*	---	6.69	19.647
6225	11014	68107	50	42.1	73.2	1.4	0.04	0.000*	---	1.43	0.002
6226	11016	68107	50	436.4	364.9	1.4	0.04	0.000*	---	6.26	15.981
6227	11017	68107	50	109.5	123.1	1.4	0.04	0.000*	---	2.33	0.097
6228	11020	68107	50	158.7	159.5	1.4	0.04	0.000*	---	2.96	0.484
6229	11021	68107	50	248.3	225.8	1.4	0.04	0.000*	---	4.08	2.821
6230	11022	68107	50	556.3	453.6	1.4	0.04	0.000*	---	7.56	27.581
6231	11023	68107	50	49	78.3	1.4	0.04	0.000*	---	1.52	0.003
6232	11024	68107	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.733
6233	11025	68107	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.891
6234	11026	68107	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
6235	11029	68107	50	199.5	189.6	1.4	0.04	0.000*	---	3.48	1.232
6236	11030	68107	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
6237	11031	68107	50	337.9	292.1	1.4	0.04	0.000*	---	5.15	7.869
6238	11033	68107	50	75.8	98.1	1.4	0.04	0.000*	---	1.89	0.019
6239	11034	68107	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.558
6240	11035	68107	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.317
6241	11036	68107	50	438.5	366.5	1.4	0.04	0.000*	---	6.29	16.174
6242	11037	68107	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
6243	11038	68107	50	316.5	276.2	1.4	0.04	0.000*	---	4.89	6.426
6244	11039	68107	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
6245	11040	68107	50	140.1	145.7	1.4	0.04	0.000*	---	2.73	0.284
6246	11041	68107	50	131.4	139.2	1.4	0.04	0.000*	---	2.61	0.215
6247	11042	68107	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.745
6248	11043	68107	50	221.7	206.1	1.4	0.04	0.000*	---	3.75	1.855
6249	11044	68107	50	64.6	89.8	1.4	0.04	0.000*	---	1.73	0.01
6250	11045	68107	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.561
6251	11046	68107	50	144.1	148.6	1.4	0.04	0.000*	---	2.78	0.321
6252	11047	68107	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
6253	11048	68107	50	239.9	219.6	1.4	0.04	0.000*	---	3.98	2.49
6254	11050	68107	50	398.8	337.1	1.4	0.04	0.000*	---	5.84	12.649
6255	11051	68107	50	229.7	212	1.4	0.04	0.000*	---	3.85	2.119
6256	11052	68107	50	231.3	213.2	1.4	0.04	0.000*	---	3.87	2.175
6257	11053	68107	50	330.2	286.4	1.4	0.04	0.000*	---	5.06	7.332
6258	11054	68107	50	37.1	69.4	1.4	0.04	0.000*	---	1.36	0.001
6259	11055	68107	50	580.6	471.6	1.4	0.04	0.000*	---	7.81	29.981
6260	11056	68107	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.089
6261	11057	68107	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.558
6262	11058	68107	50	269.1	241.2	1.4	0.04	0.000*	---	4.33	3.751
6263	11059	68107	50	420.7	353.3	1.4	0.04	0.000*	---	6.09	14.559
6264	11061	68107	50	74.7	97.3	1.4	0.04	0.000*	---	1.87	0.018
6265	11062	68107	50	398.5	336.9	1.4	0.04	0.000*	---	5.84	12.619
6266	11063	68107	50	210.2	197.6	1.4	0.04	0.000*	---	3.61	1.512
6267	11064	68107	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.804
6268	11065	68107	50	286.7	254.2	1.4	0.04	0.000*	---	4.54	4.656
6269	11066	68107	50	145.2	149.5	1.4	0.04	0.000*	---	2.79	0.332
6270	11067	68107	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
6271	11068	68107	50	334.3	289.4	1.4	0.04	0.000*	---	5.1	7.616
6272	11069	68107	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.674
6273	11070	68107	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.94
6274	11071	68107	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
6275	11074	68107	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
6276	11078	68107	50	218.7	203.9	1.4	0.04	0.000*	---	3.72	1.762
6277	11080	68107	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.033
6278	11082	68107	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
6279	11083	68107	50	142.9	147.7	1.4	0.04	0.000*	---	2.76	0.309
6280	11084	68107	50	92.4	110.4	1.4	0.04	0.000*	---	2.11	0.046
6281	11085	68107	50	421.2	353.7	1.4	0.04	0.000*	---	6.1	14.607
6282	11086	68107	50	328.6	285.2	1.4	0.04	0.000*	---	5.04	7.224

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6283	11087	68107	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
6284	11088	68107	50	302.7	266	1.4	0.04	0.000*	---	4.73	5.569
6285	11089	68107	50	115.2	127.3	1.4	0.04	0.000*	---	2.4	0.121
6286	11090	68107	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.939
6287	11091	68107	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.089
6288	11092	68107	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.926
6289	11094	68107	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.747
6290	11095	68107	50	39.8	71.5	1.4	0.04	0.000*	---	1.4	0.001
6291	11096	68107	50	409.4	344.9	1.4	0.04	0.000*	---	5.96	13.56
6292	11097	68107	50	214.1	200.5	1.4	0.04	0.000*	---	3.66	1.624
6293	11098	68107	50	211	198.1	1.4	0.04	0.000*	---	3.62	1.533
6294	11100	68107	50	227.9	210.7	1.4	0.04	0.000*	---	3.83	2.058
6295	11101	68107	50	211	198.1	1.4	0.04	0.000*	---	3.62	1.533
6296	11103	68107	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
6297	11104	68107	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
6298	11105	68107	50	314.6	274.8	1.4	0.04	0.000*	---	4.87	6.3
6299	11106	68107	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
6300	11107	68107	50	328	284.7	1.4	0.04	0.000*	---	5.03	7.183
6301	11110	68107	50	392.5	332.4	1.4	0.04	0.000*	---	5.77	12.108
6302	11112	68107	50	41.7	72.8	1.4	0.04	0.000*	---	1.43	0.002
6303	11113	68107	50	204.7	193.4	1.4	0.04	0.000*	---	3.54	1.362
6304	11114	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
6305	11115	68107	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
6306	11116	68107	50	181.8	176.5	1.4	0.04	0.000*	---	3.26	0.849
6307	11118	68107	50	289	255.9	1.4	0.04	0.000*	---	4.57	4.782
6308	11119	68107	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.497
6309	11120	68107	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.851
6310	11122	68107	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.074
6311	11123	68107	50	211.5	198.5	1.4	0.04	0.000*	---	3.63	1.549
6312	11125	68107	50	46.2	76.2	1.4	0.04	0.000*	---	1.49	0.003
6313	11126	68107	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.46
6314	11128	68107	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
6315	11129	68107	50	188.5	181.5	1.4	0.04	0.000*	---	3.34	0.983
6316	11130	68107	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.237
6317	11131	68107	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
6318	11133	68107	50	72.8	95.9	1.4	0.04	0.000*	---	1.84	0.016
6319	11134	68107	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.717
6320	11135	68107	50	196.8	187.6	1.4	0.04	0.000*	---	3.44	1.167
6321	11136	68107	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
6322	11137	68107	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
6323	11139	68107	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.083
6324	11140	68107	50	133.3	140.7	1.4	0.04	0.000*	---	2.64	0.23
6325	11141	68107	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.365
6326	11142	68107	50	294.8	260.1	1.4	0.04	0.000*	---	4.64	5.106
6327	11143	68107	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
6328	11144	68107	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.341
6329	11145	68107	50	182.9	177.4	1.4	0.04	0.000*	---	3.27	0.871
6330	11146	68107	50	48.7	78	1.4	0.04	0.000*	---	1.52	0.003
6331	11147	68107	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
6332	11148	68107	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
6333	11149	68107	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
6334	11150	68107	50	481.2	398.1	1.4	0.04	0.000*	---	6.76	20.208
6335	11151	68107	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
6336	11152	68107	50	349.6	300.7	1.4	0.04	0.000*	---	5.28	8.715
6337	11153	68107	50	381.4	324.3	1.4	0.04	0.000*	---	5.65	11.193
6338	11154	68107	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
6339	11155	68107	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
6340	11156	68107	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
6341	11157	68107	50	69.3	93.2	1.4	0.04	0.000*	---	1.8	0.013
6342	11158	68107	50	110.9	124.1	1.4	0.04	0.000*	---	2.35	0.102
6343	11159	68107	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.974

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6344	11160	68107	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
6345	11162	68107	50	296	261	1.4	0.04	0.000*	---	4.65	5.174
6346	11163	68107	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
6347	11165	68107	50	66.5	91.2	1.4	0.04	0.000*	---	1.76	0.011
6348	11166	68107	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
6349	11167	68107	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.157
6350	11168	68107	50	61.8	87.8	1.4	0.04	0.000*	---	1.7	0.008
6351	11169	68107	50	230.2	212.3	1.4	0.04	0.000*	---	3.86	2.135
6352	11170	68107	50	269	241	1.4	0.04	0.000*	---	4.33	3.742
6353	11171	68107	50	374.7	319.3	1.4	0.04	0.000*	---	5.57	10.653
6354	11172	68107	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
6355	11173	68107	50	353	303.3	1.4	0.04	0.000*	---	5.32	8.969
6356	11174	68107	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.79
6357	11176	68107	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
6358	11177	68107	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.96
6359	11178	68107	50	82.6	103.1	1.4	0.04	0.000*	---	1.98	0.028
6360	11179	68107	50	54.8	82.6	1.4	0.04	0.000*	---	1.6	0.005
6361	11180	68107	50	216.6	202.3	1.4	0.04	0.000*	---	3.69	1.696
6362	11185	68107	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
6363	11186	68107	50	70.9	94.5	1.4	0.04	0.000*	---	1.82	0.014
6364	11187	68107	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
6365	11188	68107	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.36
6366	11189	68107	50	98.5	114.9	1.4	0.04	0.000*	---	2.19	0.061
6367	11190	68107	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
6368	11191	68107	50	289.6	256.3	1.4	0.04	0.000*	---	4.58	4.812
6369	11192	68107	50	477.8	395.6	1.4	0.04	0.000*	---	6.72	19.881
6370	11193	68107	50	176.1	172.3	1.4	0.04	0.000*	---	3.18	0.746
6371	11194	68107	50	69.8	93.7	1.4	0.04	0.000*	---	1.8	0.013
6372	11195	68107	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
6373	11196	68107	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.407
6374	11197	68107	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.873
6375	11198	68107	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
6376	11200	68107	50	216.4	202.1	1.4	0.04	0.000*	---	3.69	1.69
6377	11202	68107	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.047
6378	11203	68107	50	282.1	250.8	1.4	0.04	0.000*	---	4.49	4.409
6379	11204	68107	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.17
6380	11205	68107	50	310.5	271.7	1.4	0.04	0.000*	---	4.82	6.041
6381	11206	68107	50	288.7	255.7	1.4	0.04	0.000*	---	4.57	4.766
6382	11208	68107	50	165.6	164.5	1.4	0.04	0.000*	---	3.05	0.577
6383	11209	68107	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.936
6384	11210	68107	50	257.6	232.6	1.4	0.04	0.000*	---	4.19	3.217
6385	11211	68107	50	207.6	195.6	1.4	0.04	0.000*	---	3.58	1.44
6386	11212	68107	50	233.3	214.7	1.4	0.04	0.000*	---	3.9	2.246
6387	11213	68107	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
6388	11214	68107	50	132.9	140.4	1.4	0.04	0.000*	---	2.63	0.227
6389	11215	68107	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
6390	11216	68107	50	564.5	459.7	1.4	0.04	0.000*	---	7.65	28.392
6391	11218	68107	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.194
6392	11219	68107	50	233.6	214.8	1.4	0.04	0.000*	---	3.9	2.254
6393	11220	68107	50	197.7	188.3	1.4	0.04	0.000*	---	3.46	1.189
6394	11221	68107	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
6395	11222	68107	50	510.5	419.8	1.4	0.04	0.000*	---	7.07	23.065
6396	11223	68107	50	106.1	120.5	1.4	0.04	0.000*	---	2.28	0.084
6397	11224	68107	50	350.8	301.6	1.4	0.04	0.000*	---	5.29	8.805
6398	11225	68107	50	102.8	118	1.4	0.04	0.000*	---	2.24	0.073
6399	11226	68107	50	198.6	188.9	1.4	0.04	0.000*	---	3.47	1.21
6400	11227	68107	50	43.1	73.9	1.4	0.04	0.000*	---	1.44	0.002
6401	11228	68107	50	349.9	300.9	1.4	0.04	0.000*	---	5.28	8.735
6402	11229	68107	50	65	90.1	1.4	0.04	0.000*	---	1.74	0.01
6403	11230	68107	50	51.2	79.9	1.4	0.04	0.000*	---	1.55	0.004
6404	11231	68107	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.558

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6405	11232	68107	50	54.5	82.3	1.4	0.04	0.000*	---	1.6	0.005
6406	11233	68107	50	48.2	77.7	1.4	0.04	0.000*	---	1.51	0.003
6407	11234	68107	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
6408	11235	68107	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.02
6409	11236	68107	50	123.2	133.2	1.4	0.04	0.000*	---	2.51	0.163
6410	11237	68107	50	42.3	73.3	1.4	0.04	0.000*	---	1.43	0.002
6411	11238	68107	50	307.1	269.3	1.4	0.04	0.000*	---	4.78	5.835
6412	11239	68107	50	395.2	334.4	1.4	0.04	0.000*	---	5.8	12.338
6413	11240	68107	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.989
6414	11241	68107	50	43.7	74.4	1.4	0.04	0.000*	---	1.45	0.002
6415	11242	68107	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
6416	11243	68107	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
6417	11245	68107	50	52.6	80.9	1.4	0.04	0.000*	---	1.57	0.004
6418	11246	68107	50	152.9	155.2	1.4	0.04	0.000*	---	2.89	0.414
6419	11248	68107	50	399.3	337.5	1.4	0.04	0.000*	---	5.85	12.688
6420	11249	68107	50	223.4	207.3	1.4	0.04	0.000*	---	3.77	1.908
6421	11250	68107	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
6422	11251	68107	50	157.6	158.6	1.4	0.04	0.000*	---	2.95	0.47
6423	11252	68107	50	50.5	79.4	1.4	0.04	0.000*	---	1.55	0.004
6424	11253	68107	50	248.8	226.1	1.4	0.04	0.000*	---	4.08	2.84
6425	11254	68107	50	124.1	133.8	1.4	0.04	0.000*	---	2.52	0.168
6426	11256	68107	50	431.3	361.1	1.4	0.04	0.000*	---	6.21	15.513
6427	11257	68107	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
6428	11258	68107	50	609.2	492.8	1.4	0.04	0.000*	---	8.11	32.787
6429	11259	68107	50	270.7	242.3	1.4	0.04	0.000*	---	4.35	3.825
6430	11260	68107	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.239
6431	11261	68107	50	395	334.3	1.4	0.04	0.000*	---	5.8	12.327
6432	11262	68107	50	64.4	89.7	1.4	0.04	0.000*	---	1.73	0.01
6433	11263	68107	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.862
6434	11264	68107	50	101.4	117	1.4	0.04	0.000*	---	2.22	0.069
6435	11265	68107	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
6436	11267	68107	50	267.5	240	1.4	0.04	0.000*	---	4.31	3.675
6437	11268	68107	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
6438	11269	68107	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.081
6439	11270	68107	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
6440	11272	68107	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.536
6441	11273	68107	50	38.7	70.7	1.4	0.04	0.000*	---	1.39	0.001
6442	11274	68107	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
6443	11275	68107	50	198.6	189	1.4	0.04	0.000*	---	3.47	1.212
6444	11276	68107	50	81.7	102.5	1.4	0.04	0.000*	---	1.96	0.027
6445	11277	68107	50	430.8	360.8	1.4	0.04	0.000*	---	6.2	15.468
6446	11278	68107	50	228.6	211.2	1.4	0.04	0.000*	---	3.84	2.083
6447	11279	68107	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.116
6448	11282	68107	50	162.5	162.3	1.4	0.04	0.000*	---	3.01	0.534
6449	11283	68107	50	64.6	89.8	1.4	0.04	0.000*	---	1.73	0.01
6450	11285	68107	50	454.4	378.2	1.4	0.04	0.000*	---	6.46	17.65
6451	11286	68107	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.558
6452	11287	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
6453	11288	68107	50	126.3	135.4	1.4	0.04	0.000*	---	2.55	0.181
6454	11289	68107	50	332.4	288	1.4	0.04	0.000*	---	5.08	7.481
6455	11291	68107	50	340.3	293.8	1.4	0.04	0.000*	---	5.17	8.035
6456	11292	68107	50	269.5	241.4	1.4	0.04	0.000*	---	4.34	3.77
6457	11293	68107	50	266.2	239	1.4	0.04	0.000*	---	4.3	3.609
6458	11294	68107	50	132.5	140	1.4	0.04	0.000*	---	2.63	0.223
6459	11296	68107	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.161
6460	11297	68107	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.09
6461	11298	68107	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.281
6462	11299	68107	50	116.7	128.3	1.4	0.04	0.000*	---	2.42	0.128
6463	11300	68107	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.452
6464	11301	68107	50	236.4	217	1.4	0.04	0.000*	---	3.93	2.359
6465	11302	68107	50	319.3	278.3	1.4	0.04	0.000*	---	4.93	6.605

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6466	11303	68107	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
6467	11305	68107	50	344	296.6	1.4	0.04	0.000*	---	5.22	8.304
6468	11306	68107	50	403.1	340.3	1.4	0.04	0.000*	---	5.89	13.013
6469	11308	68107	50	153.7	155.8	1.4	0.04	0.000*	---	2.9	0.423
6470	11309	68107	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.518
6471	11310	68107	50	75.2	97.6	1.4	0.04	0.000*	---	1.88	0.019
6472	11311	68107	50	365	312.1	1.4	0.04	0.000*	---	5.46	9.882
6473	11312	68107	50	127.6	136.4	1.4	0.04	0.000*	---	2.57	0.19
6474	11313	68107	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
6475	11314	68107	50	502.5	413.8	1.4	0.04	0.000*	---	6.99	22.275
6476	11315	68107	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.972
6477	11316	68107	50	330.2	286.3	1.4	0.04	0.000*	---	5.05	7.33
6478	11317	68107	50	169.5	167.4	1.4	0.04	0.000*	---	3.1	0.637
6479	11318	68107	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
6480	11319	68107	50	212.5	199.3	1.4	0.04	0.000*	---	3.64	1.577
6481	11321	68107	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.994
6482	11322	68107	50	96.2	113.2	1.4	0.04	0.000*	---	2.16	0.055
6483	11323	68107	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.644
6484	11324	68107	50	189.4	182.2	1.4	0.04	0.000*	---	3.35	1.002
6485	11326	68107	50	329.3	285.7	1.4	0.04	0.000*	---	5.04	7.27
6486	11327	68107	50	294.6	260	1.4	0.04	0.000*	---	4.64	5.093
6487	11329	68107	50	328.3	284.9	1.4	0.04	0.000*	---	5.03	7.203
6488	11330	68107	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
6489	11331	68107	50	643.8	518.4	1.4	0.04	0.000*	---	8.46	36.124
6490	11332	68107	50	288	255.1	1.4	0.04	0.000*	---	4.56	4.723
6491	11333	68107	50	179.3	174.7	1.4	0.04	0.000*	---	3.23	0.803
6492	11334	68107	50	405.5	342.1	1.4	0.04	0.000*	---	5.92	13.227
6493	11335	68107	50	213.7	200.2	1.4	0.04	0.000*	---	3.65	1.612
6494	11336	68107	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.34
6495	11337	68107	50	192.7	184.6	1.4	0.04	0.000*	---	3.39	1.074
6496	11338	68107	50	303.6	266.7	1.4	0.04	0.000*	---	4.74	5.623
6497	11339	68107	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
6498	11340	68107	50	576.2	468.4	1.4	0.04	0.000*	---	7.77	29.547
6499	11341	68107	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
6500	11342	68107	50	147.1	150.8	1.4	0.04	0.000*	---	2.82	0.35
6501	11343	68107	50	197.8	188.4	1.4	0.04	0.000*	---	3.46	1.192
6502	11345	68107	50	339.9	293.5	1.4	0.04	0.000*	---	5.17	8.009
6503	11346	68107	50	173.5	170.4	1.4	0.04	0.000*	---	3.15	0.702
6504	11347	68107	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
6505	11348	68107	50	93.2	110.9	1.4	0.04	0.000*	---	2.11	0.047
6506	11349	68107	50	269.4	241.3	1.4	0.04	0.000*	---	4.33	3.763
6507	11350	68107	50	133.2	140.5	1.4	0.04	0.000*	---	2.64	0.228
6508	11352	68107	50	277.8	247.6	1.4	0.04	0.000*	---	4.44	4.183
6509	11354	68107	50	113.7	126.2	1.4	0.04	0.000*	---	2.38	0.114
6510	11355	68107	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
6511	11356	68107	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
6512	11357	68107	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
6513	11358	68107	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.502
6514	11359	68107	50	315.8	275.7	1.4	0.04	0.000*	---	4.89	6.376
6515	11360	68107	50	331.1	287	1.4	0.04	0.000*	---	5.07	7.397
6516	11361	68107	50	50.6	79.4	1.4	0.04	0.000*	---	1.55	0.004
6517	11366	68107	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
6518	11367	68107	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
6519	11368	68107	50	351.1	301.8	1.4	0.04	0.000*	---	5.3	8.825
6520	11369	68107	50	615.4	497.4	1.4	0.04	0.000*	---	8.17	33.391
6521	11370	68107	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.76
6522	11371	68107	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.284
6523	11372	68107	50	656	527.4	1.4	0.04	0.000*	---	8.59	37.276
6524	11373	68107	50	366.5	313.2	1.4	0.04	0.000*	---	5.48	10.003
6525	11374	68107	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
6526	11376	68107	50	68.1	92.4	1.4	0.04	0.000*	---	1.78	0.012

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6527	11377	68107	50	344.8	297.2	1.4	0.04	0.000*	---	5.23	8.364
6528	11378	68107	50	546.2	446.2	1.4	0.04	0.000*	---	7.45	26.586
6529	11379	68107	50	53.4	81.5	1.4	0.04	0.000*	---	1.58	0.004
6530	11380	68107	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.183
6531	11381	68107	50	351	301.7	1.4	0.04	0.000*	---	5.3	8.817
6532	11382	68107	50	28.5	63.1	1.4	0.04	0.000*	---	1.25	0
6533	11384	68107	50	117.5	129	1.4	0.04	0.000*	---	2.43	0.132
6534	11385	68107	50	209	196.7	1.4	0.04	0.000*	---	3.6	1.478
6535	11386	68107	50	59	85.7	1.4	0.04	0.000*	---	1.66	0.007
6536	11387	68107	50	38.7	70.6	1.4	0.04	0.000*	---	1.38	0.001
6537	11388	68107	50	209.7	197.1	1.4	0.04	0.000*	---	3.6	1.497
6538	11389	68107	50	145.6	149.8	1.4	0.04	0.000*	---	2.8	0.336
6539	11390	68107	50	40.5	71.9	1.4	0.04	0.000*	---	1.41	0.002
6540	11391	68107	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
6541	11392	68107	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.369
6542	11393	68107	50	47	76.8	1.4	0.04	0.000*	---	1.5	0.003
6543	11395	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
6544	11396	68107	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
6545	11397	68107	50	421.5	353.9	1.4	0.04	0.000*	---	6.1	14.629
6546	11398	68107	50	475.8	394.1	1.4	0.04	0.000*	---	6.7	19.684
6547	11399	68107	50	217.2	202.7	1.4	0.04	0.000*	---	3.7	1.715
6548	11400	68107	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.066
6549	11401	68107	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
6550	11402	68107	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
6551	11403	68107	50	64.9	90.1	1.4	0.04	0.000*	---	1.74	0.01
6552	11404	68107	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.046
6553	11405	68107	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
6554	11407	68107	50	185.9	179.6	1.4	0.04	0.000*	---	3.31	0.929
6555	11408	68107	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
6556	11409	68107	50	59.7	86.1	1.4	0.04	0.000*	---	1.67	0.007
6557	11410	68107	50	304	266.9	1.4	0.04	0.000*	---	4.75	5.644
6558	11411	68107	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
6559	11412	68107	50	359.4	307.9	1.4	0.04	0.000*	---	5.39	9.447
6560	11413	68107	50	71.3	94.8	1.4	0.04	0.000*	---	1.82	0.015
6561	11414	68107	50	335.5	290.3	1.4	0.04	0.000*	---	5.12	7.701
6562	11415	68107	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.925
6563	11416	68107	50	344.4	296.9	1.4	0.04	0.000*	---	5.22	8.335
6564	11417	68107	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
6565	11418	68107	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.033
6566	11419	68107	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.942
6567	11420	68107	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
6568	11421	68107	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008
6569	11422	68107	50	288.9	255.8	1.4	0.04	0.000*	---	4.57	4.772
6570	11423	68107	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
6571	11424	68107	50	128.7	137.3	1.4	0.04	0.000*	---	2.58	0.197
6572	11425	68107	50	268.6	240.8	1.4	0.04	0.000*	---	4.33	3.727
6573	11426	68107	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.949
6574	11427	68107	50	260.9	235.1	1.4	0.04	0.000*	---	4.23	3.365
6575	11428	68107	50	225.9	209.1	1.4	0.04	0.000*	---	3.8	1.989
6576	11429	68107	50	548.9	448.2	1.4	0.04	0.000*	---	7.48	26.853
6577	11430	68107	50	147.8	151.4	1.4	0.04	0.000*	---	2.83	0.358
6578	11431	68107	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
6579	11433	68107	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
6580	11434	68107	50	38.8	70.7	1.4	0.04	0.000*	---	1.39	0.001
6581	11435	68107	50	200.6	190.4	1.4	0.04	0.000*	---	3.49	1.259
6582	11436	68107	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.831
6583	11437	68107	50	221.6	206	1.4	0.04	0.000*	---	3.75	1.852
6584	11438	68107	50	46.5	76.4	1.4	0.04	0.000*	---	1.49	0.003
6585	11439	68107	50	150.6	153.4	1.4	0.04	0.000*	---	2.86	0.387
6586	11440	68107	50	154	155.9	1.4	0.04	0.000*	---	2.9	0.426
6587	11441	68107	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.67

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6588	11442	68107	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.319
6589	11443	68107	50	329.3	285.6	1.4	0.04	0.000*	---	5.04	7.268
6590	11444	68107	50	369.5	315.4	1.4	0.04	0.000*	---	5.51	10.234
6591	11445	68107	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.254
6592	11446	68107	50	303.2	266.4	1.4	0.04	0.000*	---	4.74	5.601
6593	11447	68107	50	223	207	1.4	0.04	0.000*	---	3.77	1.896
6594	11448	68107	50	190.2	182.7	1.4	0.04	0.000*	---	3.36	1.019
6595	11449	68107	50	172.3	169.5	1.4	0.04	0.000*	---	3.14	0.682
6596	11450	68107	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
6597	11451	68107	50	118.4	129.6	1.4	0.04	0.000*	---	2.44	0.136
6598	11452	68107	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
6599	11453	68107	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.623
6600	11455	68107	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
6601	11456	68107	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.321
6602	11457	68107	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.101
6603	11458	68107	50	414.4	348.6	1.4	0.04	0.000*	---	6.02	13.998
6604	11460	68107	50	78.6	100.2	1.4	0.04	0.000*	---	1.92	0.023
6605	11461	68107	50	407.5	343.5	1.4	0.04	0.000*	---	5.94	13.392
6606	11462	68107	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
6607	11463	68107	50	347.9	299.5	1.4	0.04	0.000*	---	5.26	8.59
6608	11464	68107	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.783
6609	11465	68107	50	520.2	426.9	1.4	0.04	0.000*	---	7.18	24.015
6610	11468	68107	50	105.9	120.4	1.4	0.04	0.000*	---	2.28	0.084
6611	11469	68107	50	340.7	294.1	1.4	0.04	0.000*	---	5.18	8.067
6612	11471	68107	50	237.3	217.6	1.4	0.04	0.000*	---	3.94	2.391
6613	11472	68107	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.38
6614	11473	68107	50	43.5	74.2	1.4	0.04	0.000*	---	1.45	0.002
6615	11474	68107	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
6616	11475	68107	50	183.2	177.5	1.4	0.04	0.000*	---	3.27	0.875
6617	11476	68107	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
6618	11477	68107	50	622	502.3	1.4	0.04	0.000*	---	8.24	34.028
6619	11478	68107	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
6620	11479	68107	50	433.1	362.5	1.4	0.04	0.000*	---	6.23	15.679
6621	11480	68107	50	52.7	81	1.4	0.04	0.000*	---	1.58	0.004
6622	11482	68107	50	156.7	158	1.4	0.04	0.000*	---	2.94	0.459
6623	11483	68107	50	148.8	152.1	1.4	0.04	0.000*	---	2.84	0.368
6624	11484	68107	50	44	74.6	1.4	0.04	0.000*	---	1.46	0.002
6625	11485	68107	50	54.5	82.3	1.4	0.04	0.000*	---	1.6	0.005
6626	11486	68107	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
6627	11489	68107	50	75.9	98.1	1.4	0.04	0.000*	---	1.89	0.019
6628	11490	68107	50	425	356.5	1.4	0.04	0.000*	---	6.14	14.95
6629	11491	68107	50	87.1	106.4	1.4	0.04	0.000*	---	2.03	0.035
6630	11492	68107	50	245.9	224	1.4	0.04	0.000*	---	4.05	2.725
6631	11493	68107	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
6632	11494	68107	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.81
6633	11495	68107	50	243.3	222	1.4	0.04	0.000*	---	4.02	2.619
6634	11496	68107	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
6635	11497	68107	50	290.8	257.2	1.4	0.04	0.000*	---	4.59	4.88
6636	11498	68107	50	369.7	315.6	1.4	0.04	0.000*	---	5.51	10.252
6637	11499	68107	50	65.1	90.2	1.4	0.04	0.000*	---	1.74	0.01
6638	11500	68107	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
6639	11501	68107	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.22
6640	11502	68107	50	70.3	94	1.4	0.04	0.000*	---	1.81	0.014
6641	11503	68107	50	337.6	291.8	1.4	0.04	0.000*	---	5.14	7.847
6642	11504	68107	50	457.9	380.8	1.4	0.04	0.000*	---	6.5	17.982
6643	11505	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
6644	11506	68107	50	252.8	229	1.4	0.04	0.000*	---	4.13	3.006
6645	11507	68107	50	173.7	170.6	1.4	0.04	0.000*	---	3.15	0.705
6646	11508	68107	50	259.2	233.8	1.4	0.04	0.000*	---	4.21	3.287
6647	11510	68107	50	59.4	86	1.4	0.04	0.000*	---	1.67	0.007
6648	11511	68107	50	142.9	147.8	1.4	0.04	0.000*	---	2.76	0.31

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6649	11512	68107	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.059
6650	11514	68107	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.837
6651	11515	68107	50	193.8	185.4	1.4	0.04	0.000*	---	3.41	1.099
6652	11516	68107	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
6653	11517	68107	50	539.6	441.3	1.4	0.04	0.000*	---	7.38	25.935
6654	11518	68107	50	253.9	229.9	1.4	0.04	0.000*	---	4.15	3.054
6655	11519	68107	50	185.2	179.1	1.4	0.04	0.000*	---	3.3	0.915
6656	11520	68107	50	52.1	80.6	1.4	0.04	0.000*	---	1.57	0.004
6657	11521	68107	50	78.7	100.2	1.4	0.04	0.000*	---	1.92	0.023
6658	11522	68107	50	341.6	294.8	1.4	0.04	0.000*	---	5.19	8.132
6659	11523	68107	50	339.3	293.1	1.4	0.04	0.000*	---	5.16	7.968
6660	11525	68107	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
6661	11526	68107	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
6662	11527	68107	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
6663	11529	68107	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.054
6664	11530	68107	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
6665	11531	68107	50	102.3	117.7	1.4	0.04	0.000*	---	2.23	0.072
6666	11533	68107	50	237.7	217.9	1.4	0.04	0.000*	---	3.95	2.404
6667	11534	68107	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.32
6668	11535	68107	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.425
6669	11536	68107	50	427.2	358.2	1.4	0.04	0.000*	---	6.16	15.149
6670	11538	68107	50	575.9	468.2	1.4	0.04	0.000*	---	7.76	29.52
6671	11539	68107	50	683.1	547.5	1.4	0.04	0.000*	---	8.86	39.81
6672	11540	68107	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.567
6673	11541	68107	50	207.4	195.5	1.4	0.04	0.000*	---	3.58	1.436
6674	11542	68107	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
6675	11544	68107	50	410.4	345.7	1.4	0.04	0.000*	---	5.97	13.646
6676	11546	68107	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
6677	11547	68107	50	351.1	301.9	1.4	0.04	0.000*	---	5.3	8.828
6678	11548	68107	50	92.5	110.4	1.4	0.04	0.000*	---	2.11	0.046
6679	11550	68107	50	356.7	306	1.4	0.04	0.000*	---	5.36	9.247
6680	11552	68107	50	218.5	203.7	1.4	0.04	0.000*	---	3.71	1.755
6681	11554	68107	50	445.1	371.4	1.4	0.04	0.000*	---	6.36	16.783
6682	11556	68107	50	230.8	212.8	1.4	0.04	0.000*	---	3.87	2.157
6683	11557	68107	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
6684	11558	68107	50	362.6	310.3	1.4	0.04	0.000*	---	5.43	9.695
6685	11559	68107	50	271.7	243.1	1.4	0.04	0.000*	---	4.36	3.877
6686	11560	68107	50	120.5	131.2	1.4	0.04	0.000*	---	2.47	0.148
6687	11561	68107	50	305.7	268.2	1.4	0.04	0.000*	---	4.77	5.748
6688	11563	68107	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.447
6689	11564	68107	50	213.3	199.8	1.4	0.04	0.000*	---	3.65	1.598
6690	11565	68107	50	118.2	129.5	1.4	0.04	0.000*	---	2.44	0.136
6691	11566	68107	50	236.6	217.1	1.4	0.04	0.000*	---	3.94	2.364
6692	11568	68107	50	206.7	194.9	1.4	0.04	0.000*	---	3.57	1.415
6693	11569	68107	50	410.2	345.5	1.4	0.04	0.000*	---	5.97	13.632
6694	11570	68107	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
6695	11571	68107	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.282
6696	11572	68107	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.703
6697	11573	68107	50	308.6	270.4	1.4	0.04	0.000*	---	4.8	5.928
6698	11574	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
6699	11575	68107	50	231.1	213	1.4	0.04	0.000*	---	3.87	2.166
6700	11576	68107	50	165.5	164.5	1.4	0.04	0.000*	---	3.05	0.577
6701	11577	68107	50	218.2	203.5	1.4	0.04	0.000*	---	3.71	1.745
6702	11578	68107	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
6703	11579	68107	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.201
6704	11581	68107	50	231.4	213.3	1.4	0.04	0.000*	---	3.87	2.178
6705	11582	68107	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
6706	11583	68107	50	282.7	251.2	1.4	0.04	0.000*	---	4.49	4.437
6707	11584	68107	50	329.1	285.5	1.4	0.04	0.000*	---	5.04	7.258
6708	11585	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
6709	11586	68107	50	103.6	118.7	1.4	0.04	0.000*	---	2.25	0.076

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6710	11587	68107	50	70.3	94	1.4	0.04	0.000*	---	1.81	0.014
6711	11588	68107	50	44.8	75.1	1.4	0.04	0.000*	---	1.47	0.002
6712	11589	68107	50	234.1	215.3	1.4	0.04	0.000*	---	3.91	2.275
6713	11590	68107	50	359	307.6	1.4	0.04	0.000*	---	5.39	9.416
6714	11591	68107	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.33
6715	11592	68107	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.203
6716	11593	68107	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.16
6717	11594	68107	50	358.4	307.2	1.4	0.04	0.000*	---	5.38	9.375
6718	11596	68107	50	153.6	155.7	1.4	0.04	0.000*	---	2.9	0.421
6719	11597	68107	50	270.2	241.9	1.4	0.04	0.000*	---	4.34	3.803
6720	11598	68107	50	224.8	208.4	1.4	0.04	0.000*	---	3.79	1.954
6721	11599	68107	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.406
6722	11600	68107	50	453.5	377.6	1.4	0.04	0.000*	---	6.45	17.573
6723	11601	68107	50	490	404.6	1.4	0.04	0.000*	---	6.85	21.062
6724	11602	68107	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
6725	11603	68107	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.568
6726	11604	68107	50	160.7	160.9	1.4	0.04	0.000*	---	2.99	0.51
6727	11605	68107	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
6728	11606	68107	50	521.7	428	1.4	0.04	0.000*	---	7.19	24.159
6729	11607	68107	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.43
6730	11608	68107	50	572.6	465.7	1.4	0.04	0.000*	---	7.73	29.197
6731	11609	68107	50	100	116	1.4	0.04	0.000*	---	2.2	0.065
6732	11610	68107	50	234.2	215.3	1.4	0.04	0.000*	---	3.91	2.278
6733	11611	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
6734	11613	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
6735	11614	68107	50	327.6	284.5	1.4	0.04	0.000*	---	5.03	7.158
6736	11615	68107	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.395
6737	11616	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
6738	11619	68107	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.322
6739	11620	68107	50	119.9	130.8	1.4	0.04	0.000*	---	2.47	0.145
6740	11621	68107	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
6741	11622	68107	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
6742	11623	68107	50	375.8	320.1	1.4	0.04	0.000*	---	5.58	10.737
6743	11625	68107	50	122.1	132.3	1.4	0.04	0.000*	---	2.49	0.156
6744	11626	68107	50	58.2	85	1.4	0.04	0.000*	---	1.65	0.006
6745	11627	68107	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.767
6746	11628	68107	50	131.4	139.3	1.4	0.04	0.000*	---	2.61	0.215
6747	11629	68107	50	58.6	85.4	1.4	0.04	0.000*	---	1.65	0.006
6748	11630	68107	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
6749	11632	68107	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
6750	11633	68107	50	308.4	270.2	1.4	0.04	0.000*	---	4.8	5.916
6751	11634	68107	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
6752	11636	68107	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
6753	11637	68107	50	197.1	187.9	1.4	0.04	0.000*	---	3.45	1.175
6754	11638	68107	50	216.3	202.1	1.4	0.04	0.000*	---	3.69	1.688
6755	11639	68107	50	785.9	623.6	1.4	0.04	0.000*	---	9.86	48.801
6756	11640	68107	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.886
6757	11641	68107	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.753
6758	11642	68107	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.394
6759	11643	68107	50	222.6	206.8	1.4	0.04	0.000*	---	3.76	1.884
6760	11644	68107	50	188.3	181.3	1.4	0.04	0.000*	---	3.34	0.978
6761	11645	68107	50	29.9	64.1	1.4	0.04	0.000*	---	1.27	0.001
6762	11646	68107	50	136.3	142.8	1.4	0.04	0.000*	---	2.68	0.252
6763	11647	68107	50	313.4	273.9	1.4	0.04	0.000*	---	4.86	6.225
6764	11648	68107	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
6765	11649	68107	50	225.3	208.7	1.4	0.04	0.000*	---	3.8	1.97
6766	11651	68107	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.129
6767	11652	68107	50	67.5	92	1.4	0.04	0.000*	---	1.77	0.012
6768	11653	68107	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.224
6769	11655	68107	50	63.1	88.7	1.4	0.04	0.000*	---	1.72	0.009
6770	11658	68107	50	79.8	101	1.4	0.04	0.000*	---	1.94	0.024

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6771	11659	68107	50	104.5	119.3	1.4	0.04	0.000*	---	2.26	0.079
6772	11660	68107	50	839.3	663.1	1.4	0.04	0.000*	---	10.36	53.034
6773	11661	68107	50	135.6	142.3	1.4	0.04	0.000*	---	2.67	0.247
6774	11662	68107	50	418.1	351.4	1.4	0.04	0.000*	---	6.06	14.33
6775	11663	68107	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
6776	11664	68107	50	287.9	255.1	1.4	0.04	0.000*	---	4.56	4.721
6777	11665	68107	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
6778	11666	68107	50	92.1	110.2	1.4	0.04	0.000*	---	2.1	0.045
6779	11668	68107	50	272.1	243.4	1.4	0.04	0.000*	---	4.37	3.897
6780	11671	68107	50	186.8	180.2	1.4	0.04	0.000*	---	3.32	0.947
6781	11674	68107	50	447	372.8	1.4	0.04	0.000*	---	6.38	16.961
6782	11675	68107	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
6783	11676	68107	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.252
6784	11677	68107	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
6785	11678	68107	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.115
6786	11680	68107	50	499.8	411.8	1.4	0.04	0.000*	---	6.96	22.013
6787	11682	68107	50	121.3	131.7	1.4	0.04	0.000*	---	2.48	0.152
6788	11684	68107	50	333.5	288.8	1.4	0.04	0.000*	---	5.09	7.558
6789	11686	68107	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.092
6790	11687	68107	50	304	267	1.4	0.04	0.000*	---	4.75	5.647
6791	11689	68107	50	180.6	175.6	1.4	0.04	0.000*	---	3.24	0.826
6792	11690	68107	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
6793	11691	68107	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
6794	11692	68107	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
6795	11693	68107	50	612	494.9	1.4	0.04	0.000*	---	8.14	33.058
6796	11695	68107	50	214.2	200.5	1.4	0.04	0.000*	---	3.66	1.624
6797	11696	68107	50	439	366.9	1.4	0.04	0.000*	---	6.29	16.221
6798	11697	68107	50	342.3	295.3	1.4	0.04	0.000*	---	5.2	8.179
6799	11698	68107	50	567.7	462.1	1.4	0.04	0.000*	---	7.68	28.707
6800	11699	68107	50	398.5	336.9	1.4	0.04	0.000*	---	5.84	12.618
6801	11700	68107	50	358.9	307.6	1.4	0.04	0.000*	---	5.39	9.412
6802	11701	68107	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.73
6803	11703	68107	50	223.4	207.3	1.4	0.04	0.000*	---	3.77	1.907
6804	11705	68107	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
6805	11706	68107	50	183	177.4	1.4	0.04	0.000*	---	3.27	0.871
6806	11707	68107	50	263.3	236.8	1.4	0.04	0.000*	---	4.26	3.473
6807	11708	68107	50	340.7	294.1	1.4	0.04	0.000*	---	5.18	8.069
6808	11709	68107	50	286.9	254.3	1.4	0.04	0.000*	---	4.54	4.664
6809	11710	68107	50	77.5	99.3	1.4	0.04	0.000*	---	1.91	0.021
6810	11711	68107	50	272.9	244	1.4	0.04	0.000*	---	4.38	3.938
6811	11712	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
6812	11713	68107	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
6813	11714	68107	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.224
6814	11716	68107	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.171
6815	11717	68107	50	374.5	319.2	1.4	0.04	0.000*	---	5.57	10.637
6816	11718	68107	50	527.2	432.1	1.4	0.04	0.000*	---	7.25	24.702
6817	11719	68107	50	315.1	275.1	1.4	0.04	0.000*	---	4.88	6.332
6818	11720	68107	50	249.8	226.9	1.4	0.04	0.000*	---	4.1	2.882
6819	11721	68107	50	430.3	360.4	1.4	0.04	0.000*	---	6.2	15.424
6820	11722	68107	50	240	219.6	1.4	0.04	0.000*	---	3.98	2.492
6821	11723	68107	50	244.1	222.6	1.4	0.04	0.000*	---	4.03	2.652
6822	11724	68107	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.089
6823	11725	68107	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.389
6824	11726	68107	50	85.9	105.5	1.4	0.04	0.000*	---	2.02	0.033
6825	11728	68107	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.248
6826	11729	68107	50	299.5	263.6	1.4	0.04	0.000*	---	4.69	5.378
6827	11730	68107	50	362.7	310.4	1.4	0.04	0.000*	---	5.43	9.707
6828	11731	68107	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.236
6829	11732	68107	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.505
6830	11734	68107	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.694
6831	11737	68107	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.927

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6832	11738	68107	50	363.6	311.1	1.4	0.04	0.000*	---	5.44	9.773
6833	11739	68107	50	136	142.7	1.4	0.04	0.000*	---	2.67	0.25
6834	11740	68107	50	541.9	443	1.4	0.04	0.000*	---	7.41	26.158
6835	11741	68107	50	227	210	1.4	0.04	0.000*	---	3.82	2.026
6836	11744	68107	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.57
6837	11745	68107	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
6838	11746	68107	50	1174.1	910.9	1.4	0.04	0.000*	---	13.3	72.824
6839	11747	68107	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
6840	11748	68107	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
6841	11749	68107	50	66.8	91.4	1.4	0.04	0.000*	---	1.76	0.011
6842	11750	68107	50	62.2	88.1	1.4	0.04	0.000*	---	1.7	0.008
6843	11751	68107	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.229
6844	11753	68107	50	120.6	131.3	1.4	0.04	0.000*	---	2.47	0.148
6845	11754	68107	50	307.7	269.7	1.4	0.04	0.000*	---	4.79	5.87
6846	11755	68107	50	416.9	350.5	1.4	0.04	0.000*	---	6.05	14.223
6847	11756	68107	50	456.2	379.6	1.4	0.04	0.000*	---	6.48	17.824
6848	11757	68107	50	311.7	272.6	1.4	0.04	0.000*	---	4.84	6.117
6849	11758	68107	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
6850	11760	68107	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
6851	11761	68107	50	140.3	145.8	1.4	0.04	0.000*	---	2.73	0.286
6852	11763	68107	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
6853	11764	68107	50	160	160.4	1.4	0.04	0.000*	---	2.98	0.5
6854	11765	68107	50	84.1	104.3	1.4	0.04	0.000*	---	2	0.03
6855	11767	68107	50	85.2	105	1.4	0.04	0.000*	---	2.01	0.032
6856	11768	68107	50	86.7	106.2	1.4	0.04	0.000*	---	2.03	0.035
6857	11769	68107	50	54.7	82.4	1.4	0.04	0.000*	---	1.6	0.005
6858	11770	68107	50	39.3	71.1	1.4	0.04	0.000*	---	1.39	0.001
6859	11771	68107	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.633
6860	11773	68107	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.176
6861	11774	68107	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
6862	11775	68107	50	578.6	470.2	1.4	0.04	0.000*	---	7.79	29.787
6863	11776	68107	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
6864	11777	68107	50	480.2	397.4	1.4	0.04	0.000*	---	6.75	20.114
6865	11778	68107	50	162.9	162.6	1.4	0.04	0.000*	---	3.02	0.54
6866	11779	68107	50	276.7	246.7	1.4	0.04	0.000*	---	4.42	4.125
6867	11780	68107	50	464.3	385.6	1.4	0.04	0.000*	---	6.57	18.593
6868	11781	68107	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.386
6869	11782	68107	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
6870	11783	68107	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
6871	11784	68107	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
6872	11785	68107	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
6873	11786	68107	50	126.8	135.9	1.4	0.04	0.000*	---	2.55	0.185
6874	11787	68107	50	48	77.5	1.4	0.04	0.000*	---	1.51	0.003
6875	11788	68107	50	272.7	243.8	1.4	0.04	0.000*	---	4.37	3.924
6876	11789	68107	50	294.4	259.9	1.4	0.04	0.000*	---	4.63	5.084
6877	11791	68107	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
6878	11792	68107	50	166.3	165.1	1.4	0.04	0.000*	---	3.06	0.589
6879	11793	68107	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.926
6880	11795	68107	50	1047.7	817.3	1.4	0.04	0.000*	---	12.24	66.618
6881	11796	68107	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
6882	11797	68107	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
6883	11798	68107	50	140.9	146.2	1.4	0.04	0.000*	---	2.74	0.291
6884	11799	68107	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.592
6885	11800	68107	50	220.2	205	1.4	0.04	0.000*	---	3.74	1.807
6886	11802	68107	50	274.2	244.9	1.4	0.04	0.000*	---	4.39	4.002
6887	11803	68107	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
6888	11804	68107	50	242.5	221.4	1.4	0.04	0.000*	---	4.01	2.588
6889	11805	68107	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
6890	11806	68107	50	255.2	230.9	1.4	0.04	0.000*	---	4.16	3.112
6891	11807	68107	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
6892	11808	68107	50	357.5	306.6	1.4	0.04	0.000*	---	5.37	9.307

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6893	11809	68107	50	209.7	197.2	1.4	0.04	0.000*	---	3.61	1.498
6894	11812	68107	50	139.8	145.4	1.4	0.04	0.000*	---	2.72	0.281
6895	11813	68107	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.362
6896	11814	68107	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.95
6897	11815	68107	50	289	255.9	1.4	0.04	0.000*	---	4.57	4.783
6898	11816	68107	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
6899	11818	68107	50	233.2	214.6	1.4	0.04	0.000*	---	3.89	2.241
6900	11819	68107	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.627
6901	11820	68107	50	197.5	188.2	1.4	0.04	0.000*	---	3.45	1.185
6902	11821	68107	50	271.2	242.7	1.4	0.04	0.000*	---	4.36	3.852
6903	11822	68107	50	198.4	188.9	1.4	0.04	0.000*	---	3.47	1.207
6904	11823	68107	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.513
6905	11824	68107	50	301.3	264.9	1.4	0.04	0.000*	---	4.71	5.482
6906	11825	68107	50	408.2	344	1.4	0.04	0.000*	---	5.95	13.456
6907	11826	68107	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.535
6908	11827	68107	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
6909	11828	68107	50	120.3	131.1	1.4	0.04	0.000*	---	2.47	0.147
6910	11829	68107	50	349.4	300.5	1.4	0.04	0.000*	---	5.28	8.698
6911	11830	68107	50	265.1	238.2	1.4	0.04	0.000*	---	4.28	3.561
6912	11831	68107	50	436.1	364.7	1.4	0.04	0.000*	---	6.26	15.955
6913	11833	68107	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
6914	11835	68107	50	344.3	296.8	1.4	0.04	0.000*	---	5.22	8.322
6915	11836	68107	50	79.6	100.9	1.4	0.04	0.000*	---	1.94	0.024
6916	11837	68107	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
6917	11839	68107	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
6918	11840	68107	50	205.7	194.2	1.4	0.04	0.000*	---	3.56	1.39
6919	11841	68107	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
6920	11842	68107	50	206.7	195	1.4	0.04	0.000*	---	3.57	1.417
6921	11843	68107	50	264	237.4	1.4	0.04	0.000*	---	4.27	3.51
6922	11844	68107	50	117.2	128.8	1.4	0.04	0.000*	---	2.43	0.131
6923	11846	68107	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
6924	11848	68107	50	104.9	119.6	1.4	0.04	0.000*	---	2.27	0.08
6925	11849	68107	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.775
6926	11851	68107	50	343.8	296.4	1.4	0.04	0.000*	---	5.21	8.291
6927	11852	68107	50	308.8	270.5	1.4	0.04	0.000*	---	4.8	5.938
6928	11853	68107	50	425.7	357	1.4	0.04	0.000*	---	6.14	15.006
6929	11854	68107	50	241.5	220.7	1.4	0.04	0.000*	---	4	2.551
6930	11855	68107	50	199.6	189.7	1.4	0.04	0.000*	---	3.48	1.235
6931	11856	68107	50	364.5	311.8	1.4	0.04	0.000*	---	5.45	9.845
6932	11858	68107	50	330.5	286.6	1.4	0.04	0.000*	---	5.06	7.356
6933	11859	68107	50	180.6	175.6	1.4	0.04	0.000*	---	3.24	0.826
6934	11861	68107	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.057
6935	11862	68107	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
6936	11865	68107	50	112.1	124.9	1.4	0.04	0.000*	---	2.36	0.107
6937	11867	68107	50	97.5	114.1	1.4	0.04	0.000*	---	2.17	0.058
6938	11868	68107	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
6939	11869	68107	50	384.6	326.6	1.4	0.04	0.000*	---	5.68	11.458
6940	11871	68107	50	369.2	315.2	1.4	0.04	0.000*	---	5.51	10.211
6941	11872	68107	50	104.4	119.2	1.4	0.04	0.000*	---	2.26	0.078
6942	11875	68107	50	219.9	204.7	1.4	0.04	0.000*	---	3.73	1.797
6943	11876	68107	50	462.9	384.5	1.4	0.04	0.000*	---	6.56	18.452
6944	11877	68107	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
6945	11880	68107	50	92.9	110.7	1.4	0.04	0.000*	---	2.11	0.047
6946	11882	68107	50	486.7	402.2	1.4	0.04	0.000*	---	6.82	20.741
6947	11884	68107	50	299	263.2	1.4	0.04	0.000*	---	4.69	5.346
6948	11886	68107	50	611.2	494.3	1.4	0.04	0.000*	---	8.13	32.976
6949	11887	68107	50	892.7	702.6	1.4	0.04	0.000*	---	10.86	56.953
6950	11888	68107	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
6951	11889	68107	50	217.9	203.3	1.4	0.04	0.000*	---	3.71	1.736
6952	11890	68107	50	125.6	134.9	1.4	0.04	0.000*	---	2.54	0.177
6953	11892	68107	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
6954	11893	68107	50	130.6	138.6	1.4	0.04	0.000*	---	2.6	0.21
6955	11894	68107	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
6956	11895	68107	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
6957	11896	68107	50	151.3	153.9	1.4	0.04	0.000*	---	2.87	0.395
6958	11897	68107	50	445	371.3	1.4	0.04	0.000*	---	6.36	16.773
6959	11898	68107	50	172.7	169.8	1.4	0.04	0.000*	---	3.14	0.688
6960	11900	68107	50	57.5	84.6	1.4	0.04	0.000*	---	1.64	0.006
6961	11901	68107	50	332.2	287.8	1.4	0.04	0.000*	---	5.08	7.471
6962	11902	68107	50	82.5	103	1.4	0.04	0.000*	---	1.97	0.028
6963	11903	68107	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.082
6964	11904	68107	50	132.1	139.7	1.4	0.04	0.000*	---	2.62	0.22
6965	11905	68107	50	50.4	79.3	1.4	0.04	0.000*	---	1.54	0.004
6966	11906	68107	50	338.1	292.2	1.4	0.04	0.000*	---	5.15	7.884
6967	11907	68107	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.847
6968	11909	68107	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
6969	11910	68107	50	71.4	94.8	1.4	0.04	0.000*	---	1.83	0.015
6970	11913	68107	50	153	155.3	1.4	0.04	0.000*	---	2.89	0.415
6971	11914	68107	50	325.5	282.9	1.4	0.04	0.000*	---	5	7.015
6972	11915	68107	50	193.6	185.2	1.4	0.04	0.000*	---	3.4	1.093
6973	11916	68107	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.588
6974	11918	68107	50	303.2	266.4	1.4	0.04	0.000*	---	4.74	5.598
6975	11919	68107	50	636.3	512.8	1.4	0.04	0.000*	---	8.39	35.401
6976	11920	68107	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
6977	11921	68107	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.501
6978	11922	68107	50	273.1	244.1	1.4	0.04	0.000*	---	4.38	3.944
6979	11923	68107	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
6980	11924	68107	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.05
6981	11925	68107	50	216.8	202.4	1.4	0.04	0.000*	---	3.69	1.702
6982	11926	68107	50	188.5	181.5	1.4	0.04	0.000*	---	3.34	0.983
6983	11927	68107	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.305
6984	11928	68107	50	275.7	246	1.4	0.04	0.000*	---	4.41	4.074
6985	11929	68107	50	141.5	146.7	1.4	0.04	0.000*	---	2.74	0.297
6986	11930	68107	50	159.5	160	1.4	0.04	0.000*	---	2.97	0.494
6987	11931	68107	50	160.2	160.6	1.4	0.04	0.000*	---	2.98	0.503
6988	11932	68107	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
6989	11935	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
6990	11936	68107	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.648
6991	11937	68107	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.318
6992	11939	68107	50	109.5	123.1	1.4	0.04	0.000*	---	2.33	0.097
6993	11941	68107	50	424.3	356	1.4	0.04	0.000*	---	6.13	14.887
6994	11945	68107	50	294.7	260	1.4	0.04	0.000*	---	4.64	5.098
6995	11946	68107	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
6996	11947	68107	50	470.5	390.2	1.4	0.04	0.000*	---	6.64	19.18
6997	11948	68107	50	431.1	361	1.4	0.04	0.000*	---	6.21	15.499
6998	11949	68107	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.48
6999	11950	68107	50	317.2	276.7	1.4	0.04	0.000*	---	4.9	6.469
7000	11951	68107	50	134	141.1	1.4	0.04	0.000*	---	2.65	0.234
7001	11952	68107	50	161.3	161.4	1.4	0.04	0.000*	---	3	0.518
7002	11953	68107	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
7003	11955	68107	50	516.7	424.3	1.4	0.04	0.000*	---	7.14	23.667
7004	11956	68107	50	198.7	189	1.4	0.04	0.000*	---	3.47	1.213
7005	11957	68107	50	480.2	397.4	1.4	0.04	0.000*	---	6.75	20.112
7006	11958	68107	50	142.6	147.5	1.4	0.04	0.000*	---	2.76	0.306
7007	11959	68107	50	207.3	195.4	1.4	0.04	0.000*	---	3.57	1.431
7008	11960	68107	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.853
7009	11961	68107	50	273.4	244.3	1.4	0.04	0.000*	---	4.38	3.959
7010	11962	68107	50	515	423.1	1.4	0.04	0.000*	---	7.12	23.499
7011	11964	68107	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
7012	11965	68107	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.035
7013	11966	68107	50	254.8	230.5	1.4	0.04	0.000*	---	4.16	3.092
7014	11967	68107	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.151

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7015	11968	68107	50	342.7	295.6	1.4	0.04	0.000*	---	5.2	8.213
7016	11969	68107	50	207.3	195.4	1.4	0.04	0.000*	---	3.57	1.431
7017	11970	68107	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.389
7018	11971	68107	50	248.2	225.6	1.4	0.04	0.000*	---	4.08	2.815
7019	11973	68107	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
7020	11975	68107	50	281.7	250.4	1.4	0.04	0.000*	---	4.48	4.386
7021	11977	68107	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.85
7022	11979	68107	50	270.6	242.2	1.4	0.04	0.000*	---	4.35	3.821
7023	11981	68107	50	214	200.4	1.4	0.04	0.000*	---	3.66	1.62
7024	11982	68107	50	268.7	240.9	1.4	0.04	0.000*	---	4.33	3.732
7025	11985	68107	50	474.7	393.3	1.4	0.04	0.000*	---	6.69	19.586
7026	11986	68107	50	367	313.6	1.4	0.04	0.000*	---	5.48	10.042
7027	11987	68107	50	350.5	301.4	1.4	0.04	0.000*	---	5.29	8.78
7028	11988	68107	50	402.9	340.1	1.4	0.04	0.000*	---	5.89	12.998
7029	11989	68107	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.816
7030	11990	68107	50	370.7	316.3	1.4	0.04	0.000*	---	5.52	10.33
7031	11991	68107	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
7032	11992	68107	50	346.9	298.7	1.4	0.04	0.000*	---	5.25	8.517
7033	11993	68107	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.075
7034	11994	68107	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
7035	11995	68107	50	316	275.8	1.4	0.04	0.000*	---	4.89	6.391
7036	11996	68107	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.87
7037	11997	68107	50	524.2	429.9	1.4	0.04	0.000*	---	7.22	24.408
7038	11998	68107	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
7039	11999	68107	50	158.3	159.1	1.4	0.04	0.000*	---	2.96	0.478
7040	12000	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
7041	12001	68107	50	391.1	331.4	1.4	0.04	0.000*	---	5.76	11.992
7042	12002	68107	50	92.1	110.1	1.4	0.04	0.000*	---	2.1	0.045
7043	12003	68107	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.834
7044	12004	68107	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
7045	12005	68107	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
7046	12006	68107	50	90.1	108.7	1.4	0.04	0.000*	---	2.07	0.041
7047	12007	68107	50	236.7	217.2	1.4	0.04	0.000*	---	3.94	2.369
7048	12008	68107	50	401.4	339.1	1.4	0.04	0.000*	---	5.87	12.872
7049	12009	68107	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
7050	12012	68107	50	171	168.5	1.4	0.04	0.000*	---	3.12	0.66
7051	12014	68107	50	102	117.4	1.4	0.04	0.000*	---	2.23	0.071
7052	12015	68107	50	326.9	283.9	1.4	0.04	0.000*	---	5.02	7.111
7053	12016	68107	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.803
7054	12017	68107	50	386.2	327.8	1.4	0.04	0.000*	---	5.7	11.583
7055	12018	68107	50	211.7	198.7	1.4	0.04	0.000*	---	3.63	1.554
7056	12019	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
7057	12020	68107	50	199.9	190	1.4	0.04	0.000*	---	3.48	1.243
7058	12021	68107	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
7059	12022	68107	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.181
7060	12024	68107	50	277	247	1.4	0.04	0.000*	---	4.43	4.143
7061	12025	68107	50	55	82.7	1.4	0.04	0.000*	---	1.61	0.005
7062	12026	68107	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.202
7063	12030	68107	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.32
7064	12031	68107	50	246.5	224.4	1.4	0.04	0.000*	---	4.06	2.748
7065	12032	68107	50	170.9	168.5	1.4	0.04	0.000*	---	3.12	0.659
7066	12034	68107	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.624
7067	12035	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
7068	12036	68107	50	508.5	418.3	1.4	0.04	0.000*	---	7.05	22.867
7069	12037	68107	50	237.2	217.5	1.4	0.04	0.000*	---	3.94	2.386
7070	12038	68107	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.117
7071	12039	68107	50	312	272.9	1.4	0.04	0.000*	---	4.84	6.138
7072	12041	68107	50	299	263.2	1.4	0.04	0.000*	---	4.69	5.348
7073	12042	68107	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.215
7074	12043	68107	50	168.7	166.8	1.4	0.04	0.000*	---	3.09	0.624
7075	12044	68107	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11

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GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7076	12047	68107	50	69.7	93.5	1.4	0.04	0.000*	---	1.8	0.013
7077	12048	68107	50	582.5	473.1	1.4	0.04	0.000*	---	7.83	30.171
7078	12049	68107	50	130.2	138.3	1.4	0.04	0.000*	---	2.6	0.207
7079	12050	68107	50	67.5	92	1.4	0.04	0.000*	---	1.77	0.012
7080	12051	68107	50	180.1	175.3	1.4	0.04	0.000*	---	3.23	0.817
7081	12052	68107	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
7082	12053	68107	50	505.5	416.1	1.4	0.04	0.000*	---	7.02	22.57
7083	12054	68107	50	244	222.6	1.4	0.04	0.000*	---	4.03	2.647
7084	12055	68107	50	39.5	71.2	1.4	0.04	0.000*	---	1.4	0.001
7085	12056	68107	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.929
7086	12057	68107	50	243	221.8	1.4	0.04	0.000*	---	4.01	2.608
7087	12058	68107	50	71	94.5	1.4	0.04	0.000*	---	1.82	0.014
7088	12059	68107	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.763
7089	12060	68107	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.02
7090	12061	68107	50	127.6	136.4	1.4	0.04	0.000*	---	2.57	0.19
7091	12062	68107	50	104.5	119.3	1.4	0.04	0.000*	---	2.26	0.079
7092	12063	68107	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
7093	12064	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
7094	12067	68107	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.176
7095	12068	68107	50	527	432	1.4	0.04	0.000*	---	7.25	24.691
7096	12069	68107	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
7097	12071	68107	50	542.7	443.6	1.4	0.04	0.000*	---	7.42	26.239
7098	12074	68107	50	46	76	1.4	0.04	0.000*	---	1.48	0.002
7099	12075	68107	50	186.3	179.8	1.4	0.04	0.000*	---	3.31	0.937
7100	12076	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
7101	12077	68107	50	552.8	451.1	1.4	0.04	0.000*	---	7.52	27.238
7102	12078	68107	50	119.8	130.6	1.4	0.04	0.000*	---	2.46	0.144
7103	12079	68107	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
7104	12080	68107	50	109.9	123.3	1.4	0.04	0.000*	---	2.33	0.098
7105	12081	68107	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.965
7106	12082	68107	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.832
7107	12084	68107	50	130.6	138.7	1.4	0.04	0.000*	---	2.6	0.21
7108	12085	68107	50	229.6	211.9	1.4	0.04	0.000*	---	3.85	2.115
7109	12086	68107	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
7110	12087	68107	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.637
7111	12088	68107	50	89	107.8	1.4	0.04	0.000*	---	2.06	0.039
7112	12089	68107	50	171.4	168.8	1.4	0.04	0.000*	---	3.13	0.667
7113	12090	68107	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
7114	12091	68107	50	421	353.5	1.4	0.04	0.000*	---	6.09	14.586
7115	12092	68107	50	359.1	307.8	1.4	0.04	0.000*	---	5.39	9.431
7116	12093	68107	50	406.5	342.8	1.4	0.04	0.000*	---	5.93	13.312
7117	12094	68107	50	319.2	278.2	1.4	0.04	0.000*	---	4.93	6.597
7118	12095	68107	50	209.5	197.1	1.4	0.04	0.000*	---	3.6	1.493
7119	12096	68107	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.026
7120	12098	68107	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
7121	12099	68107	50	377.5	321.3	1.4	0.04	0.000*	---	5.6	10.871
7122	12102	68107	50	138.6	144.5	1.4	0.04	0.000*	---	2.71	0.271
7123	12103	68107	50	177.8	173.6	1.4	0.04	0.000*	---	3.21	0.775
7124	12104	68107	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.482
7125	12105	68107	50	383.6	325.9	1.4	0.04	0.000*	---	5.67	11.375
7126	12106	68107	50	352.4	302.8	1.4	0.04	0.000*	---	5.31	8.92
7127	12107	68107	50	367.2	313.8	1.4	0.04	0.000*	---	5.48	10.056
7128	12109	68107	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
7129	12110	68107	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
7130	12111	68107	50	353.3	303.5	1.4	0.04	0.000*	---	5.32	8.989
7131	12112	68107	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
7132	12113	68107	50	137.7	143.9	1.4	0.04	0.000*	---	2.7	0.264
7133	12114	68107	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.625
7134	12115	68107	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
7135	12116	68107	50	333.8	289	1.4	0.04	0.000*	---	5.1	7.58
7136	12117	68107	50	276.1	246.4	1.4	0.04	0.000*	---	4.42	4.099

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7137	12118	68107	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
7138	12119	68107	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
7139	12121	68107	50	189.1	181.9	1.4	0.04	0.000*	---	3.35	0.996
7140	12122	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.028
7141	12124	68107	50	152.2	154.7	1.4	0.04	0.000*	---	2.88	0.406
7142	12125	68107	50	65.6	90.6	1.4	0.04	0.000*	---	1.75	0.01
7143	12126	68107	50	245.5	223.7	1.4	0.04	0.000*	---	4.05	2.708
7144	12127	68107	50	187.8	181	1.4	0.04	0.000*	---	3.33	0.969
7145	12129	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
7146	12131	68107	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
7147	12132	68107	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.063
7148	12133	68107	50	97.1	113.9	1.4	0.04	0.000*	---	2.17	0.057
7149	12134	68107	50	206.2	194.6	1.4	0.04	0.000*	---	3.56	1.402
7150	12135	68107	50	296.7	261.6	1.4	0.04	0.000*	---	4.66	5.217
7151	12136	68107	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
7152	12137	68107	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
7153	12138	68107	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
7154	12139	68107	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.718
7155	12140	68107	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.136
7156	12141	68107	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.18
7157	12142	68107	50	344.6	297	1.4	0.04	0.000*	---	5.22	8.35
7158	12143	68107	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
7159	12144	68107	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.022
7160	12146	68107	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.11
7161	12147	68107	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393
7162	12148	68107	50	77.7	99.5	1.4	0.04	0.000*	---	1.91	0.021
7163	12149	68107	50	169.7	167.6	1.4	0.04	0.000*	---	3.1	0.64
7164	12151	68107	50	99.3	115.4	1.4	0.04	0.000*	---	2.19	0.063
7165	12152	68107	50	57.5	84.6	1.4	0.04	0.000*	---	1.64	0.006
7166	12153	68107	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
7167	12154	68107	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
7168	12155	68107	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
7169	12156	68107	50	127.4	136.3	1.4	0.04	0.000*	---	2.56	0.188
7170	12158	68107	50	293	258.8	1.4	0.04	0.000*	---	4.62	5.002
7171	12159	68107	50	153.6	155.6	1.4	0.04	0.000*	---	2.9	0.421
7172	12162	68107	50	754.8	600.6	1.4	0.04	0.000*	---	9.56	46.192
7173	12164	68107	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.738
7174	12165	68107	50	54.8	82.5	1.4	0.04	0.000*	---	1.6	0.005
7175	12166	68107	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.305
7176	12167	68107	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.343
7177	12168	68107	50	69.1	93.1	1.4	0.04	0.000*	---	1.79	0.013
7178	12169	68107	50	129.5	137.8	1.4	0.04	0.000*	---	2.59	0.202
7179	12170	68107	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
7180	12171	68107	50	289	255.9	1.4	0.04	0.000*	---	4.57	4.78
7181	12172	68107	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
7182	12173	68107	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.789
7183	12175	68107	50	201.3	190.9	1.4	0.04	0.000*	---	3.5	1.276
7184	12178	68107	50	799	633.2	1.4	0.04	0.000*	---	9.98	49.863
7185	12179	68107	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.382
7186	12180	68107	50	330.4	286.5	1.4	0.04	0.000*	---	5.06	7.347
7187	12181	68107	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.726
7188	12182	68107	50	596.6	483.5	1.4	0.04	0.000*	---	7.98	31.557
7189	12184	68107	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.694
7190	12185	68107	50	81.7	102.5	1.4	0.04	0.000*	---	1.96	0.027
7191	12186	68107	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.517
7192	12187	68107	50	246.5	224.4	1.4	0.04	0.000*	---	4.06	2.746
7193	12190	68107	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.117
7194	12191	68107	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.912
7195	12192	68107	50	119.4	130.4	1.4	0.04	0.000*	---	2.46	0.142
7196	12194	68107	50	453.1	377.3	1.4	0.04	0.000*	---	6.45	17.534
7197	12195	68107	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7198	12197	68107	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
7199	12198	68107	50	85	104.9	1.4	0.04	0.000*	---	2.01	0.032
7200	12199	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
7201	12200	68107	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
7202	12202	68107	50	339.4	293.1	1.4	0.04	0.000*	---	5.16	7.972
7203	12205	68107	50	206.6	194.9	1.4	0.04	0.000*	---	3.57	1.414
7204	12206	68107	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
7205	12208	68107	50	356.2	305.6	1.4	0.04	0.000*	---	5.36	9.205
7206	12209	68107	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
7207	12211	68107	50	263.5	237	1.4	0.04	0.000*	---	4.26	3.486
7208	12214	68107	50	151.5	154.1	1.4	0.04	0.000*	---	2.87	0.398
7209	12215	68107	50	565.8	460.7	1.4	0.04	0.000*	---	7.66	28.525
7210	12217	68107	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.159
7211	12218	68107	50	339.7	293.4	1.4	0.04	0.000*	---	5.17	7.996
7212	12220	68107	50	277.9	247.6	1.4	0.04	0.000*	---	4.44	4.186
7213	12221	68107	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
7214	12222	68107	50	157.1	158.3	1.4	0.04	0.000*	---	2.94	0.464
7215	12223	68107	50	252.7	229	1.4	0.04	0.000*	---	4.13	3.004
7216	12224	68107	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
7217	12226	68107	50	379.5	322.9	1.4	0.04	0.000*	---	5.62	11.041
7218	12227	68107	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.494
7219	12228	68107	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.687
7220	12231	68107	50	434.4	363.5	1.4	0.04	0.000*	---	6.24	15.801
7221	12232	68107	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.677
7222	12233	68107	50	641	516.4	1.4	0.04	0.000*	---	8.43	35.858
7223	12234	68107	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
7224	12238	68107	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.868
7225	12239	68107	50	226	209.3	1.4	0.04	0.000*	---	3.81	1.994
7226	12240	68107	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
7227	12241	68107	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.264
7228	12242	68107	50	497.6	410.2	1.4	0.04	0.000*	---	6.93	21.8
7229	12243	68107	50	250.3	227.2	1.4	0.04	0.000*	---	4.1	2.903
7230	12245	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
7231	12246	68107	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.277
7232	12247	68107	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.869
7233	12249	68107	50	106.9	121.1	1.4	0.04	0.000*	---	2.3	0.087
7234	12252	68107	50	93.9	111.5	1.4	0.04	0.000*	---	2.13	0.049
7235	12254	68107	50	38.8	70.7	1.4	0.04	0.000*	---	1.39	0.001
7236	12255	68107	50	45.6	75.8	1.4	0.04	0.000*	---	1.48	0.002
7237	12256	68107	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
7238	12257	68107	50	373.1	318.1	1.4	0.04	0.000*	---	5.55	10.518
7239	12258	68107	50	205.3	193.9	1.4	0.04	0.000*	---	3.55	1.378
7240	12260	68107	50	387.5	328.8	1.4	0.04	0.000*	---	5.71	11.695
7241	12261	68107	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
7242	12262	68107	50	373.1	318.1	1.4	0.04	0.000*	---	5.55	10.524
7243	12263	68107	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
7244	12264	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
7245	12265	68107	50	361.3	309.4	1.4	0.04	0.000*	---	5.42	9.595
7246	12266	68107	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
7247	12268	68107	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.433
7248	12269	68107	50	368	314.3	1.4	0.04	0.000*	---	5.49	10.113
7249	12270	68107	50	189.6	182.3	1.4	0.04	0.000*	---	3.35	1.007
7250	12271	68107	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
7251	12272	68107	50	152.6	155	1.4	0.04	0.000*	---	2.89	0.41
7252	12273	68107	50	510.1	419.5	1.4	0.04	0.000*	---	7.07	23.028
7253	12275	68107	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
7254	12277	68107	50	267.4	239.9	1.4	0.04	0.000*	---	4.31	3.669
7255	12278	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
7256	12279	68107	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.904
7257	12280	68107	50	100	116	1.4	0.04	0.000*	---	2.2	0.065
7258	12281	68107	50	320.3	279	1.4	0.04	0.000*	---	4.94	6.667

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7259	12282	68107	50	64	89.4	1.4	0.04	0.000*	---	1.73	0.009
7260	12283	68107	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481
7261	12285	68107	50	81.8	102.6	1.4	0.04	0.000*	---	1.96	0.027
7262	12286	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
7263	12288	68107	50	63.2	88.7	1.4	0.04	0.000*	---	1.72	0.009
7264	12289	68107	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
7265	12290	68107	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.633
7266	12291	68107	50	439.6	367.3	1.4	0.04	0.000*	---	6.3	16.274
7267	12292	68107	50	134	141.1	1.4	0.04	0.000*	---	2.65	0.234
7268	12294	68107	50	373.2	318.1	1.4	0.04	0.000*	---	5.55	10.527
7269	12295	68107	50	248.9	226.2	1.4	0.04	0.000*	---	4.09	2.844
7270	12296	68107	50	422.8	354.9	1.4	0.04	0.000*	---	6.11	14.75
7271	12297	68107	50	240.6	220	1.4	0.04	0.000*	---	3.99	2.515
7272	12298	68107	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
7273	12300	68107	50	51.2	79.9	1.4	0.04	0.000*	---	1.56	0.004
7274	12301	68107	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.084
7275	12303	68107	50	379.7	323	1.4	0.04	0.000*	---	5.63	11.055
7276	12304	68107	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
7277	12305	68107	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
7278	12306	68107	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.116
7279	12307	68107	50	396.8	335.7	1.4	0.04	0.000*	---	5.82	12.48
7280	12308	68107	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
7281	12310	68107	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.472
7282	12311	68107	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.267
7283	12312	68107	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
7284	12313	68107	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.076
7285	12315	68107	50	192.6	184.5	1.4	0.04	0.000*	---	3.39	1.071
7286	12316	68107	50	62.8	88.4	1.4	0.04	0.000*	---	1.71	0.009
7287	12318	68107	50	73.7	96.6	1.4	0.04	0.000*	---	1.86	0.017
7288	12319	68107	50	147.4	151.1	1.4	0.04	0.000*	---	2.82	0.353
7289	12320	68107	50	521.2	427.7	1.4	0.04	0.000*	---	7.19	24.111
7290	12323	68107	50	211.8	198.7	1.4	0.04	0.000*	---	3.63	1.556
7291	12324	68107	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
7292	12327	68107	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.006
7293	12329	68107	50	221.2	205.7	1.4	0.04	0.000*	---	3.75	1.839
7294	12330	68107	50	458.8	381.5	1.4	0.04	0.000*	---	6.51	18.072
7295	12331	68107	50	510	419.4	1.4	0.04	0.000*	---	7.07	23.017
7296	12333	68107	50	62.1	88	1.4	0.04	0.000*	---	1.7	0.008
7297	12334	68107	50	949.4	744.6	1.4	0.04	0.000*	---	11.37	60.776
7298	12335	68107	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
7299	12336	68107	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
7300	12338	68107	50	63.1	88.7	1.4	0.04	0.000*	---	1.72	0.009
7301	12339	68107	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.081
7302	12341	68107	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
7303	12342	68107	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
7304	12343	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
7305	12344	68107	50	463.8	385.2	1.4	0.04	0.000*	---	6.57	18.545
7306	12345	68107	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.12
7307	12346	68107	50	67.1	91.7	1.4	0.04	0.000*	---	1.77	0.011
7308	12347	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
7309	12350	68107	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
7310	12351	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
7311	12354	68107	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
7312	12355	68107	50	288.8	255.7	1.4	0.04	0.000*	---	4.57	4.771
7313	12356	68107	50	541.9	443	1.4	0.04	0.000*	---	7.41	26.157
7314	12358	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
7315	12360	68107	50	272.2	243.5	1.4	0.04	0.000*	---	4.37	3.903
7316	12362	68107	50	87.4	106.7	1.4	0.04	0.000*	---	2.04	0.036
7317	12363	68107	50	180.1	175.3	1.4	0.04	0.000*	---	3.23	0.817
7318	12364	68107	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
7319	12365	68107	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.039

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7320	12366	68107	50	65.6	90.6	1.4	0.04	0.000*	---	1.75	0.01
7321	12368	68107	50	209.5	197	1.4	0.04	0.000*	---	3.6	1.492
7322	12371	68107	50	73.7	96.5	1.4	0.04	0.000*	---	1.86	0.017
7323	12372	68107	50	167.5	165.9	1.4	0.04	0.000*	---	3.08	0.606
7324	12373	68107	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
7325	12374	68107	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.698
7326	12376	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
7327	12377	68107	50	207.4	195.5	1.4	0.04	0.000*	---	3.58	1.436
7328	12378	68107	50	114.9	127.1	1.4	0.04	0.000*	---	2.4	0.12
7329	12379	68107	50	159.6	160.1	1.4	0.04	0.000*	---	2.97	0.495
7330	12380	68107	50	156	157.4	1.4	0.04	0.000*	---	2.93	0.449
7331	12383	68107	50	175.9	172.1	1.4	0.04	0.000*	---	3.18	0.741
7332	12385	68107	50	120.5	131.2	1.4	0.04	0.000*	---	2.47	0.148
7333	12386	68107	50	143.7	148.3	1.4	0.04	0.000*	---	2.77	0.317
7334	12387	68107	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989
7335	12388	68107	50	145.2	149.5	1.4	0.04	0.000*	---	2.79	0.332
7336	12390	68107	50	50.6	79.4	1.4	0.04	0.000*	---	1.55	0.004
7337	12391	68107	50	343.5	296.2	1.4	0.04	0.000*	---	5.21	8.271
7338	12392	68107	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.063
7339	12394	68107	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
7340	12395	68107	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
7341	12396	68107	50	280.1	249.3	1.4	0.04	0.000*	---	4.46	4.301
7342	12397	68107	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.031
7343	12399	68107	50	426.9	357.9	1.4	0.04	0.000*	---	6.16	15.119
7344	12400	68107	50	205.5	194.1	1.4	0.04	0.000*	---	3.55	1.384
7345	12401	68107	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.602
7346	12403	68107	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
7347	12404	68107	50	335.5	290.3	1.4	0.04	0.000*	---	5.12	7.702
7348	12405	68107	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
7349	12407	68107	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
7350	12409	68107	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
7351	12410	68107	50	186.8	180.2	1.4	0.04	0.000*	---	3.32	0.947
7352	12411	68107	50	270.5	242.1	1.4	0.04	0.000*	---	4.35	3.816
7353	12414	68107	50	397.2	336	1.4	0.04	0.000*	---	5.83	12.513
7354	12418	68107	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
7355	12419	68107	50	104.2	119.1	1.4	0.04	0.000*	---	2.26	0.078
7356	12420	68107	50	190.5	183	1.4	0.04	0.000*	---	3.37	1.026
7357	12421	68107	50	137.2	143.6	1.4	0.04	0.000*	---	2.69	0.26
7358	12422	68107	50	150.6	153.5	1.4	0.04	0.000*	---	2.86	0.388
7359	12424	68107	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.111
7360	12425	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
7361	12426	68107	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.18
7362	12428	68107	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.114
7363	12429	68107	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
7364	12430	68107	50	282.3	250.9	1.4	0.04	0.000*	---	4.49	4.417
7365	12431	68107	50	470.2	390	1.4	0.04	0.000*	---	6.64	19.152
7366	12432	68107	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.046
7367	12433	68107	50	529.7	434	1.4	0.04	0.000*	---	7.28	24.951
7368	12437	68107	50	89.9	108.6	1.4	0.04	0.000*	---	2.07	0.041
7369	12439	68107	50	261.8	235.8	1.4	0.04	0.000*	---	4.24	3.408
7370	12440	68107	50	306.9	269.1	1.4	0.04	0.000*	---	4.78	5.819
7371	12442	68107	50	336.2	290.8	1.4	0.04	0.000*	---	5.12	7.745
7372	12443	68107	50	219.3	204.3	1.4	0.04	0.000*	---	3.72	1.78
7373	12444	68107	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.497
7374	12445	68107	50	163	162.6	1.4	0.04	0.000*	---	3.02	0.541
7375	12446	68107	50	360.4	308.7	1.4	0.04	0.000*	---	5.4	9.524
7376	12448	68107	50	125.6	134.9	1.4	0.04	0.000*	---	2.54	0.177
7377	12449	68107	50	355.6	305.1	1.4	0.04	0.000*	---	5.35	9.161
7378	12452	68107	50	238.1	218.2	1.4	0.04	0.000*	---	3.96	2.422
7379	12453	68107	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
7380	12456	68107	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7381	12457	68107	50	168.5	166.7	1.4	0.04	0.000*	---	3.09	0.622
7382	12458	68107	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
7383	12459	68107	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.424
7384	12460	68107	50	441.1	368.4	1.4	0.04	0.000*	---	6.32	16.417
7385	12461	68107	50	413.9	348.3	1.4	0.04	0.000*	---	6.01	13.954
7386	12462	68107	50	238.8	218.7	1.4	0.04	0.000*	---	3.96	2.448
7387	12464	68107	50	258.7	233.4	1.4	0.04	0.000*	---	4.21	3.265
7388	12465	68107	50	231.7	213.5	1.4	0.04	0.000*	---	3.88	2.188
7389	12466	68107	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.366
7390	12469	68107	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.758
7391	12470	68107	50	302.7	266	1.4	0.04	0.000*	---	4.73	5.57
7392	12471	68107	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.418
7393	12472	68107	50	495.4	408.6	1.4	0.04	0.000*	---	6.91	21.583
7394	12473	68107	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.912
7395	12474	68107	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.556
7396	12477	68107	50	342	295.1	1.4	0.04	0.000*	---	5.19	8.163
7397	12478	68107	50	236.8	217.2	1.4	0.04	0.000*	---	3.94	2.371
7398	12479	68107	50	134.1	141.3	1.4	0.04	0.000*	---	2.65	0.236
7399	12480	68107	50	767.3	609.8	1.4	0.04	0.000*	---	9.68	47.249
7400	12481	68107	50	260.7	234.9	1.4	0.04	0.000*	---	4.23	3.358
7401	12482	68107	50	244.1	222.6	1.4	0.04	0.000*	---	4.03	2.651
7402	12483	68107	50	152.9	155.2	1.4	0.04	0.000*	---	2.89	0.414
7403	12484	68107	50	220.6	205.3	1.4	0.04	0.000*	---	3.74	1.821
7404	12485	68107	50	143.2	147.9	1.4	0.04	0.000*	---	2.77	0.312
7405	12486	68107	50	286.3	253.9	1.4	0.04	0.000*	---	4.54	4.635
7406	12487	68107	50	50.5	79.4	1.4	0.04	0.000*	---	1.55	0.004
7407	12489	68107	50	459.9	382.4	1.4	0.04	0.000*	---	6.52	18.176
7408	12490	68107	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
7409	12491	68107	50	367.6	314	1.4	0.04	0.000*	---	5.49	10.085
7410	12493	68107	50	281	250	1.4	0.04	0.000*	---	4.47	4.351
7411	12494	68107	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.675
7412	12495	68107	50	71	94.5	1.4	0.04	0.000*	---	1.82	0.014
7413	12496	68107	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.251
7414	12497	68107	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.02
7415	12498	68107	50	76	98.3	1.4	0.04	0.000*	---	1.89	0.019
7416	12499	68107	50	104.5	119.3	1.4	0.04	0.000*	---	2.26	0.079
7417	12500	68107	50	352.1	302.6	1.4	0.04	0.000*	---	5.31	8.9
7418	12501	68107	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
7419	12502	68107	50	398.1	336.6	1.4	0.04	0.000*	---	5.84	12.588
7420	12505	68107	50	174.2	170.9	1.4	0.04	0.000*	---	3.16	0.714
7421	12506	68107	50	273.3	244.2	1.4	0.04	0.000*	---	4.38	3.954
7422	12510	68107	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.793
7423	12514	68107	50	221.2	205.7	1.4	0.04	0.000*	---	3.75	1.839
7424	12515	68107	50	298.3	262.7	1.4	0.04	0.000*	---	4.68	5.306
7425	12516	68107	50	611.3	494.4	1.4	0.04	0.000*	---	8.13	32.991
7426	12517	68107	50	279.5	248.9	1.4	0.04	0.000*	---	4.46	4.273
7427	12518	68107	50	333.2	288.6	1.4	0.04	0.000*	---	5.09	7.542
7428	12519	68107	50	158.8	159.5	1.4	0.04	0.000*	---	2.97	0.485
7429	12520	68107	50	420	352.8	1.4	0.04	0.000*	---	6.08	14.496
7430	12521	68107	50	143.6	148.2	1.4	0.04	0.000*	---	2.77	0.316
7431	12522	68107	50	72.5	95.7	1.4	0.04	0.000*	---	1.84	0.016
7432	12523	68107	50	356.8	306	1.4	0.04	0.000*	---	5.36	9.252
7433	12524	68107	50	401.1	338.8	1.4	0.04	0.000*	---	5.87	12.84
7434	12526	68107	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.33
7435	12527	68107	50	79.4	100.8	1.4	0.04	0.000*	---	1.93	0.024
7436	12528	68107	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
7437	12529	68107	50	557.8	454.7	1.4	0.04	0.000*	---	7.57	27.728
7438	12530	68107	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
7439	12535	68107	50	120.1	130.8	1.4	0.04	0.000*	---	2.47	0.145
7440	12537	68107	50	1102.9	858.1	1.4	0.04	0.000*	---	12.71	69.495
7441	12538	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7442	12539	68107	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.28
7443	12541	68107	50	433	362.5	1.4	0.04	0.000*	---	6.23	15.676
7444	12543	68107	50	46.6	76.5	1.4	0.04	0.000*	---	1.49	0.003
7445	12544	68107	50	442.8	369.6	1.4	0.04	0.000*	---	6.33	16.567
7446	12545	68107	50	82.6	103.2	1.4	0.04	0.000*	---	1.98	0.028
7447	12546	68107	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
7448	12547	68107	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
7449	12548	68107	50	253.7	229.7	1.4	0.04	0.000*	---	4.14	3.045
7450	12549	68107	50	77.2	99.1	1.4	0.04	0.000*	---	1.9	0.021
7451	12550	68107	50	205.5	194	1.4	0.04	0.000*	---	3.55	1.383
7452	12551	68107	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.472
7453	12554	68107	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.841
7454	12555	68107	50	143.3	148	1.4	0.04	0.000*	---	2.77	0.313
7455	12556	68107	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.141
7456	12558	68107	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
7457	12559	68107	50	276.4	246.5	1.4	0.04	0.000*	---	4.42	4.109
7458	12560	68107	50	1256.9	972.1	1.4	0.04	0.000*	---	13.98	76.199
7459	12561	68107	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.002
7460	12564	68107	50	314.5	274.7	1.4	0.04	0.000*	---	4.87	6.293
7461	12565	68107	50	147.4	151.1	1.4	0.04	0.000*	---	2.82	0.354
7462	12566	68107	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
7463	12567	68107	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
7464	12569	68107	50	353.8	303.8	1.4	0.04	0.000*	---	5.33	9.024
7465	12572	68107	50	577.9	469.6	1.4	0.04	0.000*	---	7.79	29.717
7466	12573	68107	50	402	339.5	1.4	0.04	0.000*	---	5.88	12.921
7467	12574	68107	50	501	412.7	1.4	0.04	0.000*	---	6.97	22.129
7468	12575	68107	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.226
7469	12577	68107	50	546.6	446.5	1.4	0.04	0.000*	---	7.46	26.626
7470	12579	68107	50	247.3	225	1.4	0.04	0.000*	---	4.07	2.78
7471	12580	68107	50	171.7	169	1.4	0.04	0.000*	---	3.13	0.671
7472	12581	68107	50	185	178.9	1.4	0.04	0.000*	---	3.3	0.911
7473	12582	68107	50	147.5	151.2	1.4	0.04	0.000*	---	2.82	0.355
7474	12583	68107	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
7475	12584	68107	50	81.8	102.5	1.4	0.04	0.000*	---	1.96	0.027
7476	12585	68107	50	177.7	173.5	1.4	0.04	0.000*	---	3.21	0.774
7477	12586	68107	50	924.8	726.4	1.4	0.04	0.000*	---	11.15	59.158
7478	12588	68107	50	383.2	325.6	1.4	0.04	0.000*	---	5.67	11.343
7479	12589	68107	50	367	313.6	1.4	0.04	0.000*	---	5.48	10.042
7480	12590	68107	50	606.1	490.5	1.4	0.04	0.000*	---	8.08	32.485
7481	12593	68107	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.407
7482	12594	68107	50	344.8	297.1	1.4	0.04	0.000*	---	5.22	8.358
7483	12595	68107	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.638
7484	12599	68107	50	115.6	127.5	1.4	0.04	0.000*	---	2.41	0.123
7485	12600	68107	50	25.7	61	1.4	0.04	0.000*	---	1.21	0
7486	12602	68107	50	37.5	69.8	1.4	0.04	0.000*	---	1.37	0.001
7487	12603	68107	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
7488	12604	68107	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
7489	12605	68107	50	31.1	65.1	1.4	0.04	0.000*	---	1.28	0.001
7490	12606	68107	50	522.4	428.5	1.4	0.04	0.000*	---	7.2	24.23
7491	12609	68107	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.128
7492	12610	68107	50	375.7	320	1.4	0.04	0.000*	---	5.58	10.726
7493	12611	68107	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
7494	12612	68107	50	429.4	359.7	1.4	0.04	0.000*	---	6.19	15.34
7495	12613	68107	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.402
7496	12614	68107	50	335.1	290	1.4	0.04	0.000*	---	5.11	7.674
7497	12615	68107	50	439.8	367.4	1.4	0.04	0.000*	---	6.3	16.292
7498	12617	68107	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.335
7499	12618	68107	50	566.8	461.4	1.4	0.04	0.000*	---	7.67	28.617
7500	12623	68107	50	133.8	141	1.4	0.04	0.000*	---	2.65	0.233
7501	12624	68107	50	268.5	240.7	1.4	0.04	0.000*	---	4.32	3.719
7502	12625	68107	50	415.5	349.5	1.4	0.04	0.000*	---	6.03	14.1

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7503	12626	68107	50	579.8	471	1.4	0.04	0.000*	---	7.81	29.903
7504	12627	68107	50	446.4	372.4	1.4	0.04	0.000*	---	6.38	16.909
7505	12628	68107	50	192.6	184.5	1.4	0.04	0.000*	---	3.39	1.071
7506	12632	68107	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
7507	12636	68107	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
7508	12644	68107	50	349	300.3	1.4	0.04	0.000*	---	5.27	8.671
7509	12645	68107	50	953.7	747.7	1.4	0.04	0.000*	---	11.41	61.047
7510	12647	68107	50	359.4	308	1.4	0.04	0.000*	---	5.39	9.452
7511	12648	68107	50	164.3	163.6	1.4	0.04	0.000*	---	3.03	0.559
7512	12649	68107	50	140.1	145.7	1.4	0.04	0.000*	---	2.73	0.284
7513	12651	68107	50	369.9	315.8	1.4	0.04	0.000*	---	5.51	10.269
7514	12652	68107	50	313.8	274.2	1.4	0.04	0.000*	---	4.86	6.252
7515	12653	68107	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.462
7516	12654	68107	50	417	350.6	1.4	0.04	0.000*	---	6.05	14.23
7517	12655	68107	50	318.1	277.4	1.4	0.04	0.000*	---	4.91	6.529
7518	12656	68107	50	496.3	409.3	1.4	0.04	0.000*	---	6.92	21.671
7519	12657	68107	50	287.2	254.6	1.4	0.04	0.000*	---	4.55	4.683
7520	12659	68107	50	526	431.2	1.4	0.04	0.000*	---	7.24	24.583
7521	12661	68107	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
7522	12663	68107	50	461.7	383.6	1.4	0.04	0.000*	---	6.54	18.341
7523	12665	68107	50	271.4	242.9	1.4	0.04	0.000*	---	4.36	3.864
7524	12666	68107	50	361.4	309.4	1.4	0.04	0.000*	---	5.42	9.6
7525	12667	68107	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.167
7526	12668	68107	50	414.1	348.4	1.4	0.04	0.000*	---	6.02	13.973
7527	12670	68107	50	461.7	383.6	1.4	0.04	0.000*	---	6.54	18.341
7528	12671	68107	50	255.3	230.9	1.4	0.04	0.000*	---	4.16	3.115
7529	12674	68107	50	487.5	402.8	1.4	0.04	0.000*	---	6.82	20.817
7530	12676	68107	50	404.3	341.2	1.4	0.04	0.000*	---	5.91	13.119
7531	12677	68107	50	280.6	249.6	1.4	0.04	0.000*	---	4.47	4.329
7532	12678	68107	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.628
7533	12679	68107	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
7534	12682	68107	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.537
7535	12684	68107	50	302.9	266.2	1.4	0.04	0.000*	---	4.73	5.582
7536	12685	68107	50	492.8	406.7	1.4	0.04	0.000*	---	6.88	21.333
7537	12686	68107	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.404
7538	12687	68107	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.391
7539	12688	68107	50	345.8	297.9	1.4	0.04	0.000*	---	5.24	8.432
7540	12690	68107	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
7541	12691	68107	50	219	204	1.4	0.04	0.000*	---	3.72	1.768
7542	12692	68107	50	374.5	319.1	1.4	0.04	0.000*	---	5.57	10.629
7543	12694	68107	50	381.1	324	1.4	0.04	0.000*	---	5.64	11.166
7544	12696	68107	50	442.1	369.1	1.4	0.04	0.000*	---	6.33	16.506
7545	12697	68107	50	121.7	132	1.4	0.04	0.000*	---	2.49	0.154
7546	12699	68107	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
7547	12701	68107	50	213.3	199.8	1.4	0.04	0.000*	---	3.65	1.599
7548	12707	68107	50	279.9	249.1	1.4	0.04	0.000*	---	4.46	4.289
7549	12709	68107	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.38
7550	12710	68107	50	311.8	272.7	1.4	0.04	0.000*	---	4.84	6.122
7551	12711	68107	50	224	207.8	1.4	0.04	0.000*	---	3.78	1.928
7552	12713	68107	50	396.3	335.3	1.4	0.04	0.000*	---	5.81	12.435
7553	12714	68107	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
7554	12716	68107	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.423
7555	12718	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
7556	12721	68107	50	344.8	297.2	1.4	0.04	0.000*	---	5.23	8.364
7557	12723	68107	50	399.8	337.8	1.4	0.04	0.000*	---	5.85	12.728
7558	12725	68107	50	127.8	136.6	1.4	0.04	0.000*	---	2.57	0.191
7559	12726	68107	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
7560	12727	68107	50	255.9	231.4	1.4	0.04	0.000*	---	4.17	3.142
7561	12729	68107	50	223.2	207.2	1.4	0.04	0.000*	---	3.77	1.903
7562	12732	68107	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
7563	12733	68107	50	323.2	281.2	1.4	0.04	0.000*	---	4.97	6.863

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7564	12735	68107	50	393.6	333.2	1.4	0.04	0.000*	---	5.78	12.203
7565	12736	68107	50	195.2	186.4	1.4	0.04	0.000*	---	3.42	1.13
7566	12737	68107	50	330.7	286.7	1.4	0.04	0.000*	---	5.06	7.368
7567	12738	68107	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
7568	12739	68107	50	328.7	285.2	1.4	0.04	0.000*	---	5.04	7.23
7569	12740	68107	50	792.6	628.5	1.4	0.04	0.000*	---	9.92	49.346
7570	12741	68107	50	135.9	142.6	1.4	0.04	0.000*	---	2.67	0.25
7571	12742	68107	50	247.1	224.8	1.4	0.04	0.000*	---	4.06	2.769
7572	12744	68107	50	165.9	164.8	1.4	0.04	0.000*	---	3.06	0.582
7573	12747	68107	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.059
7574	12748	68107	50	238.6	218.5	1.4	0.04	0.000*	---	3.96	2.438
7575	12749	68107	50	154.5	156.3	1.4	0.04	0.000*	---	2.91	0.432
7576	12751	68107	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.607
7577	12753	68107	50	402.6	339.9	1.4	0.04	0.000*	---	5.89	12.972
7578	12755	68107	50	317	276.6	1.4	0.04	0.000*	---	4.9	6.455
7579	12759	68107	50	237.3	217.6	1.4	0.04	0.000*	---	3.95	2.391
7580	12760	68107	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.694
7581	12761	68107	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
7582	12764	68107	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.11
7583	12766	68107	50	172.8	169.8	1.4	0.04	0.000*	---	3.14	0.689
7584	12769	68107	50	282.6	251.1	1.4	0.04	0.000*	---	4.49	4.434
7585	12772	68107	50	133.2	140.6	1.4	0.04	0.000*	---	2.64	0.229
7586	12774	68107	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.22
7587	12783	68107	50	418.3	351.5	1.4	0.04	0.000*	---	6.06	14.343
7588	12785	68107	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.387
7589	12787	68107	50	136.2	142.8	1.4	0.04	0.000*	---	2.68	0.251
7590	12789	68107	50	167.6	166	1.4	0.04	0.000*	---	3.08	0.607
7591	12791	68107	50	238.7	218.6	1.4	0.04	0.000*	---	3.96	2.443
7592	12792	68107	50	151.8	154.3	1.4	0.04	0.000*	---	2.88	0.401
7593	12794	68107	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.199
7594	12796	68107	50	428.5	359.1	1.4	0.04	0.000*	---	6.18	15.261
7595	12798	68107	50	335.3	290.1	1.4	0.04	0.000*	---	5.11	7.688
7596	12800	68107	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
7597	12810	68107	50	337.1	291.5	1.4	0.04	0.000*	---	5.14	7.811
7598	12811	68107	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
7599	12812	68107	50	384	326.2	1.4	0.04	0.000*	---	5.68	11.406
7600	12815	68107	50	172.2	169.5	1.4	0.04	0.000*	---	3.14	0.681
7601	12818	68107	50	422.6	354.7	1.4	0.04	0.000*	---	6.11	14.733
7602	12820	68107	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.593
7603	12823	68107	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.796
7604	12826	68107	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.623
7605	12827	68107	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.481
7606	12830	68107	50	378.7	322.2	1.4	0.04	0.000*	---	5.61	10.972
7607	12831	68107	50	415.5	349.5	1.4	0.04	0.000*	---	6.03	14.101
7608	12833	68107	50	274.8	245.3	1.4	0.04	0.000*	---	4.4	4.029
7609	12834	68107	50	571.9	465.2	1.4	0.04	0.000*	---	7.72	29.125
7610	12835	68107	50	337.4	291.7	1.4	0.04	0.000*	---	5.14	7.832
7611	12840	68107	50	788.2	625.2	1.4	0.04	0.000*	---	9.88	48.982
7612	12844	68107	50	328.9	285.4	1.4	0.04	0.000*	---	5.04	7.241
7613	12845	68107	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.109
7614	12847	68107	50	315.6	275.5	1.4	0.04	0.000*	---	4.88	6.364
7615	12848	68107	50	259	233.6	1.4	0.04	0.000*	---	4.21	3.278
7616	12850	68107	50	339.7	293.4	1.4	0.04	0.000*	---	5.17	7.992
7617	12851	68107	50	485.4	401.2	1.4	0.04	0.000*	---	6.8	20.613
7618	12856	68107	50	436.4	365	1.4	0.04	0.000*	---	6.26	15.985
7619	12858	68107	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
7620	12865	68107	50	307	269.2	1.4	0.04	0.000*	---	4.78	5.83
7621	12870	68107	50	476.7	394.8	1.4	0.04	0.000*	---	6.71	19.776
7622	12871	68107	50	483.6	399.9	1.4	0.04	0.000*	---	6.78	20.443
7623	12874	68107	50	451.1	375.9	1.4	0.04	0.000*	---	6.43	17.349
7624	12876	68107	50	496.1	409.1	1.4	0.04	0.000*	---	6.92	21.658

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7625	12877	68107	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.321
7626	12879	68107	50	414.4	348.6	1.4	0.04	0.000*	---	6.02	14.001
7627	12884	68107	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
7628	12885	68107	50	334.7	289.6	1.4	0.04	0.000*	---	5.11	7.64
7629	12888	68107	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.88
7630	12891	68107	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
7631	12893	68107	50	201.3	191	1.4	0.04	0.000*	---	3.5	1.277
7632	12894	68107	50	212.1	199	1.4	0.04	0.000*	---	3.63	1.565
7633	12897	68107	50	319.5	278.5	1.4	0.04	0.000*	---	4.93	6.62
7634	12898	68107	50	188	181.1	1.4	0.04	0.000*	---	3.33	0.972
7635	12901	68107	50	434.4	363.5	1.4	0.04	0.000*	---	6.24	15.803
7636	12902	68107	50	230.2	212.3	1.4	0.04	0.000*	---	3.86	2.135
7637	12903	68107	50	207.2	195.3	1.4	0.04	0.000*	---	3.57	1.428
7638	12907	68107	50	245.2	223.4	1.4	0.04	0.000*	---	4.04	2.695
7639	12908	68107	50	624.3	504	1.4	0.04	0.000*	---	8.26	34.251
7640	12910	68107	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.547
7641	12911	68107	50	210.7	197.9	1.4	0.04	0.000*	---	3.62	1.524
7642	12912	68107	50	1758.2	1343.1	1.4	0.04	0.000*	---	17.71	88.791
7643	12913	68107	50	600	486	1.4	0.04	0.000*	---	8.01	31.889
7644	12914	68107	50	344.6	297	1.4	0.04	0.000*	---	5.22	8.35
7645	12915	68107	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.397
7646	12916	68107	50	148.7	152	1.4	0.04	0.000*	---	2.84	0.367
7647	12920	68107	50	394.5	333.9	1.4	0.04	0.000*	---	5.79	12.28
7648	12921	68107	50	635.5	512.3	1.4	0.04	0.000*	---	8.38	35.325
7649	12927	68107	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.224
7650	12929	68107	50	109.9	123.4	1.4	0.04	0.000*	---	2.34	0.099
7651	12934	68107	50	243.6	222.3	1.4	0.04	0.000*	---	4.02	2.631
7652	12944	68107	50	86.3	105.9	1.4	0.04	0.000*	---	2.02	0.034
7653	12948	68107	50	319.7	278.5	1.4	0.04	0.000*	---	4.93	6.628
7654	12951	68107	50	589.6	478.3	1.4	0.04	0.000*	---	7.91	30.868
7655	12954	68107	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.576
7656	12959	68107	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.349
7657	12970	68107	50	124.1	133.8	1.4	0.04	0.000*	---	2.52	0.168
7658	12972	68107	50	288.5	255.5	1.4	0.04	0.000*	---	4.56	4.754
7659	12979	68107	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.325
7660	12981	68107	50	327.4	284.3	1.4	0.04	0.000*	---	5.02	7.145
7661	12985	68107	50	225.9	209.2	1.4	0.04	0.000*	---	3.81	1.992
7662	12988	68107	50	310.9	272.1	1.4	0.04	0.000*	---	4.83	6.072
7663	12989	68107	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
7664	12990	68107	50	135.4	142.2	1.4	0.04	0.000*	---	2.66	0.245
7665	12992	68107	50	678.6	544.2	1.4	0.04	0.000*	---	8.81	39.395
7666	12993	68107	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.241
7667	12994	68107	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.268
7668	12997	68107	50	316.3	276	1.4	0.04	0.000*	---	4.89	6.408
7669	12998	68107	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266
7670	13004	68107	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.355
7671	13006	68107	50	302	265.5	1.4	0.04	0.000*	---	4.72	5.525
7672	13018	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.44
7673	13021	68107	50	244.4	222.9	1.4	0.04	0.000*	---	4.03	2.664
7674	13022	68107	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.321
7675	13024	68107	50	305.1	267.8	1.4	0.04	0.000*	---	4.76	5.711
7676	13026	68107	50	330.5	286.6	1.4	0.04	0.000*	---	5.06	7.356
7677	13028	68107	50	310.7	271.9	1.4	0.04	0.000*	---	4.83	6.056
7678	13037	68107	50	340.3	293.8	1.4	0.04	0.000*	---	5.17	8.037
7679	13038	68107	50	291.5	257.7	1.4	0.04	0.000*	---	4.6	4.921
7680	13039	68107	50	281.7	250.4	1.4	0.04	0.000*	---	4.48	4.386
7681	13040	68107	50	691	553.4	1.4	0.04	0.000*	---	8.94	40.541
7682	13042	68107	50	464	385.4	1.4	0.04	0.000*	---	6.57	18.566
7683	13043	68107	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.753
7684	13044	68107	50	390.4	330.9	1.4	0.04	0.000*	---	5.75	11.938
7685	13045	68107	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.795

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7686	13051	68107	50	256.1	231.5	1.4	0.04	0.000*	---	4.17	3.15
7687	18847	68107	50	117.5	129	1.4	0.04	0.000*	---	2.43	0.132
7688	43664	68107	50	48.2	77.6	1.4	0.04	0.000*	---	1.51	0.003
7689	43665	68107	50	85	104.9	1.4	0.04	0.000*	---	2.01	0.032
7690	43666	68107	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
7691	43667	68107	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
7692	43668	68107	50	53.4	81.5	1.4	0.04	0.000*	---	1.58	0.004
7693	43669	68107	50	145.8	149.9	1.4	0.04	0.000*	---	2.8	0.338
7694	43671	68107	50	62.2	88	1.4	0.04	0.000*	---	1.7	0.008
7695	43673	68107	50	87	106.3	1.4	0.04	0.000*	---	2.03	0.035
7696	43674	68107	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
7697	43675	68107	50	97.1	113.8	1.4	0.04	0.000*	---	2.17	0.057
7698	43676	68107	50	75.9	98.1	1.4	0.04	0.000*	---	1.89	0.019
7699	43677	68107	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
7700	43678	68107	50	103.1	118.3	1.4	0.04	0.000*	---	2.25	0.074
7701	43679	68107	50	115.2	127.3	1.4	0.04	0.000*	---	2.4	0.121
7702	43680	68107	50	78.2	99.8	1.4	0.04	0.000*	---	1.92	0.022
7703	43681	68107	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
7704	43682	68107	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
7705	43683	68107	50	33.2	66.6	1.4	0.04	0.000*	---	1.31	0.001
7706	43684	68107	50	28.7	63.2	1.4	0.04	0.000*	---	1.25	0
7707	43685	68107	50	83.6	103.9	1.4	0.04	0.000*	---	1.99	0.029
7708	43686	68107	50	36	68.6	1.4	0.04	0.000*	---	1.35	0.001
7709	43687	68107	50	61.7	87.6	1.4	0.04	0.000*	---	1.7	0.008
7710	43689	68107	50	63.3	88.8	1.4	0.04	0.000*	---	1.72	0.009
7711	43690	68107	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
7712	43691	68107	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
7713	43692	68107	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
7714	43693	68107	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
7715	43694	68107	50	46.3	76.2	1.4	0.04	0.000*	---	1.49	0.003
7716	43695	68107	50	38.2	70.3	1.4	0.04	0.000*	---	1.38	0.001
7717	43696	68107	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
7718	43698	68107	50	40.8	72.2	1.4	0.04	0.000*	---	1.41	0.002
7719	43699	68107	50	50.9	79.7	1.4	0.04	0.000*	---	1.55	0.004
7720	43700	68107	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
7721	43701	68107	50	99.7	115.8	1.4	0.04	0.000*	---	2.2	0.064
7722	43702	68107	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
7723	43703	68107	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
7724	43704	68107	50	38.1	70.2	1.4	0.04	0.000*	---	1.38	0.001
7725	43705	68107	50	178	173.7	1.4	0.04	0.000*	---	3.21	0.779
7726	43706	68107	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
7727	43707	68107	50	71.5	94.9	1.4	0.04	0.000*	---	1.83	0.015
7728	43708	68107	50	57.4	84.5	1.4	0.04	0.000*	---	1.64	0.006
7729	43709	68107	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.349
7730	43710	68107	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016
7731	43711	68107	50	70.3	94	1.4	0.04	0.000*	---	1.81	0.014
7732	43713	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
7733	43714	68107	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.221
7734	43716	68107	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
7735	43717	68107	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
7736	43719	68107	50	85.9	105.6	1.4	0.04	0.000*	---	2.02	0.033
7737	43720	68107	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.101
7738	43721	68107	50	104.8	119.6	1.4	0.04	0.000*	---	2.27	0.08
7739	43722	68107	50	81.4	102.2	1.4	0.04	0.000*	---	1.96	0.026
7740	43724	68107	50	147.1	150.9	1.4	0.04	0.000*	---	2.82	0.351
7741	43725	68107	50	133.8	141	1.4	0.04	0.000*	---	2.65	0.233
7742	43726	68107	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.787
7743	43727	68107	50	292.5	258.4	1.4	0.04	0.000*	---	4.61	4.975
7744	43728	68107	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.493
7745	43729	68107	50	167.8	166.2	1.4	0.04	0.000*	---	3.08	0.611
7746	43730	68107	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.065

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7747	43731	68107	50	87.1	106.4	1.4	0.04	0.000*	---	2.03	0.035
7748	43732	68107	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.039
7749	43733	68107	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
7750	43734	68107	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
7751	43735	68107	50	52.8	81.1	1.4	0.04	0.000*	---	1.58	0.004
7752	43736	68107	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
7753	43737	68107	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
7754	43738	68107	50	76.8	98.9	1.4	0.04	0.000*	---	1.9	0.02
7755	43739	68107	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.11
7756	43740	68107	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
7757	43743	68107	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
7758	43744	68107	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
7759	43745	68107	50	63.1	88.7	1.4	0.04	0.000*	---	1.72	0.009
7760	43746	68107	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
7761	43747	68107	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
7762	43748	68107	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.61
7763	43749	68107	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
7764	43750	68107	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
7765	43752	68107	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
7766	43753	68107	50	144.8	149.2	1.4	0.04	0.000*	---	2.79	0.328
7767	43755	68107	50	104.9	119.6	1.4	0.04	0.000*	---	2.27	0.08
7768	43758	68107	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.929
7769	43759	68107	50	138.5	144.5	1.4	0.04	0.000*	---	2.7	0.27
7770	43760	68107	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.265
7771	43761	68107	50	124.6	134.2	1.4	0.04	0.000*	---	2.53	0.171
7772	43762	68107	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
7773	43764	68107	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
7774	43765	68107	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
7775	43766	68107	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
7776	43768	68107	50	116.8	128.4	1.4	0.04	0.000*	---	2.42	0.129
7777	43769	68107	50	142.5	147.5	1.4	0.04	0.000*	---	2.76	0.306
7778	43771	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
7779	43772	68107	50	43.6	74.3	1.4	0.04	0.000*	---	1.45	0.002
7780	43773	68107	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
7781	43774	68107	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.542
7782	43775	68107	50	75.2	97.7	1.4	0.04	0.000*	---	1.88	0.019
7783	43777	68107	50	48.2	77.7	1.4	0.04	0.000*	---	1.51	0.003
7784	43778	68107	50	47.9	77.5	1.4	0.04	0.000*	---	1.51	0.003
7785	43779	68107	50	61	87.2	1.4	0.04	0.000*	---	1.69	0.008
7786	43781	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
7787	43782	68107	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
7788	43783	68107	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
7789	43784	68107	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
7790	43785	68107	50	37	69.4	1.4	0.04	0.000*	---	1.36	0.001
7791	43786	68107	50	63.1	88.7	1.4	0.04	0.000*	---	1.72	0.009
7792	43787	68107	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
7793	43789	68107	50	126	135.3	1.4	0.04	0.000*	---	2.54	0.18
7794	43790	68107	50	49.7	78.7	1.4	0.04	0.000*	---	1.53	0.003
7795	43793	68107	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
7796	43794	68107	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
7797	43795	68107	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
7798	43796	68107	50	37.8	69.9	1.4	0.04	0.000*	---	1.37	0.001
7799	43797	68107	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
7800	43798	68107	50	307.9	269.9	1.4	0.04	0.000*	---	4.79	5.885
7801	43799	68107	50	74.9	97.4	1.4	0.04	0.000*	---	1.87	0.018
7802	43800	68107	50	79.8	101	1.4	0.04	0.000*	---	1.94	0.024
7803	43802	68107	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
7804	43803	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
7805	43805	68107	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
7806	43806	68107	50	88.3	107.4	1.4	0.04	0.000*	---	2.05	0.037
7807	43807	68107	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7808	43808	68107	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
7809	43809	68107	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.271
7810	43810	68107	50	60.4	86.7	1.4	0.04	0.000*	---	1.68	0.007
7811	43811	68107	50	61.3	87.4	1.4	0.04	0.000*	---	1.69	0.008
7812	43812	68107	50	108.6	122.3	1.4	0.04	0.000*	---	2.32	0.093
7813	43813	68107	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
7814	43815	68107	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
7815	43816	68107	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
7816	43817	68107	50	85.9	105.6	1.4	0.04	0.000*	---	2.02	0.033
7817	43818	68107	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
7818	43819	68107	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
7819	43820	68107	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
7820	43821	68107	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.764
7821	43822	68107	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
7822	43823	68107	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
7823	43824	68107	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
7824	43825	68107	50	107.4	121.4	1.4	0.04	0.000*	---	2.3	0.089
7825	43826	68107	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
7826	43827	68107	50	65.7	90.6	1.4	0.04	0.000*	---	1.75	0.01
7827	43828	68107	50	169.4	167.4	1.4	0.04	0.000*	---	3.1	0.636
7828	43829	68107	50	151.7	154.3	1.4	0.04	0.000*	---	2.88	0.4
7829	43830	68107	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
7830	43831	68107	50	70.2	93.9	1.4	0.04	0.000*	---	1.81	0.014
7831	43832	68107	50	60.6	86.8	1.4	0.04	0.000*	---	1.68	0.007
7832	43833	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
7833	43834	68107	50	79.9	101.2	1.4	0.04	0.000*	---	1.94	0.024
7834	43836	68107	50	174.4	171	1.4	0.04	0.000*	---	3.16	0.716
7835	43838	68107	50	37.4	69.7	1.4	0.04	0.000*	---	1.37	0.001
7836	43839	68107	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
7837	43843	68107	50	145.2	149.5	1.4	0.04	0.000*	---	2.79	0.332
7838	43845	68107	50	117.2	128.7	1.4	0.04	0.000*	---	2.43	0.131
7839	43846	68107	50	67.6	92	1.4	0.04	0.000*	---	1.77	0.012
7840	43847	68107	50	128.8	137.3	1.4	0.04	0.000*	---	2.58	0.197
7841	43848	68107	50	66.8	91.4	1.4	0.04	0.000*	---	1.76	0.011
7842	43849	68107	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
7843	43850	68107	50	174.8	171.3	1.4	0.04	0.000*	---	3.17	0.723
7844	43851	68107	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
7845	43852	68107	50	120.2	131	1.4	0.04	0.000*	---	2.47	0.146
7846	43853	68107	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
7847	43854	68107	50	412.9	347.5	1.4	0.04	0.000*	---	6	13.87
7848	43855	68107	50	148.7	152	1.4	0.04	0.000*	---	2.84	0.367
7849	43856	68107	50	74.4	97.1	1.4	0.04	0.000*	---	1.87	0.018
7850	43858	68107	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.366
7851	43859	68107	50	45.7	75.8	1.4	0.04	0.000*	---	1.48	0.002
7852	43860	68107	50	141.3	146.6	1.4	0.04	0.000*	---	2.74	0.295
7853	43861	68107	50	45.2	75.4	1.4	0.04	0.000*	---	1.47	0.002
7854	43862	68107	50	57.5	84.5	1.4	0.04	0.000*	---	1.64	0.006
7855	43863	68107	50	55.4	83	1.4	0.04	0.000*	---	1.61	0.005
7856	43865	68107	50	58	84.9	1.4	0.04	0.000*	---	1.65	0.006
7857	43866	68107	50	109.3	122.9	1.4	0.04	0.000*	---	2.33	0.096
7858	43869	68107	50	44.5	74.9	1.4	0.04	0.000*	---	1.46	0.002
7859	43870	68107	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
7860	43871	68107	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
7861	43872	68107	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.054
7862	43874	68107	50	199.8	189.8	1.4	0.04	0.000*	---	3.48	1.239
7863	43875	68107	50	99.5	115.7	1.4	0.04	0.000*	---	2.2	0.063
7864	43876	68107	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
7865	43878	68107	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
7866	43880	68107	50	129.5	137.8	1.4	0.04	0.000*	---	2.59	0.202
7867	43881	68107	50	81.7	102.5	1.4	0.04	0.000*	---	1.96	0.027
7868	43882	68107	50	146.5	150.4	1.4	0.04	0.000*	---	2.81	0.344

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7869	43884	68107	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
7870	43886	68107	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
7871	43888	68107	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.394
7872	43889	68107	50	64	89.3	1.4	0.04	0.000*	---	1.73	0.009
7873	43890	68107	50	33.9	67.1	1.4	0.04	0.000*	---	1.32	0.001
7874	43891	68107	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
7875	43892	68107	50	114.8	127	1.4	0.04	0.000*	---	2.4	0.119
7876	43893	68107	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
7877	43894	68107	50	123.7	133.6	1.4	0.04	0.000*	---	2.51	0.166
7878	43895	68107	50	50.1	79.1	1.4	0.04	0.000*	---	1.54	0.003
7879	43896	68107	50	74.3	97	1.4	0.04	0.000*	---	1.86	0.018
7880	43897	68107	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
7881	43901	68107	50	192.7	184.6	1.4	0.04	0.000*	---	3.39	1.074
7882	43903	68107	50	62.5	88.2	1.4	0.04	0.000*	---	1.71	0.008
7883	43904	68107	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
7884	43905	68107	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
7885	43906	68107	50	80.6	101.7	1.4	0.04	0.000*	---	1.95	0.025
7886	43907	68107	50	60.3	86.7	1.4	0.04	0.000*	---	1.68	0.007
7887	43908	68107	50	43.5	74.2	1.4	0.04	0.000*	---	1.45	0.002
7888	43909	68107	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
7889	43910	68107	50	251	227.7	1.4	0.04	0.000*	---	4.11	2.931
7890	43911	68107	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
7891	43912	68107	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.026
7892	43913	68107	50	47	76.7	1.4	0.04	0.000*	---	1.5	0.003
7893	43914	68107	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
7894	43916	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
7895	43917	68107	50	149.8	152.9	1.4	0.04	0.000*	---	2.85	0.379
7896	43918	68107	50	56	83.5	1.4	0.04	0.000*	---	1.62	0.005
7897	43919	68107	50	99.5	115.6	1.4	0.04	0.000*	---	2.2	0.063
7898	43920	68107	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.065
7899	43921	68107	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
7900	43922	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
7901	43924	68107	50	57.9	84.8	1.4	0.04	0.000*	---	1.65	0.006
7902	43925	68107	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
7903	43926	68107	50	49.8	78.8	1.4	0.04	0.000*	---	1.54	0.003
7904	43927	68107	50	61.8	87.8	1.4	0.04	0.000*	---	1.7	0.008
7905	43928	68107	50	215.1	201.2	1.4	0.04	0.000*	---	3.67	1.653
7906	43929	68107	50	220.9	205.5	1.4	0.04	0.000*	---	3.74	1.828
7907	43930	68107	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
7908	43931	68107	50	156	157.4	1.4	0.04	0.000*	---	2.93	0.45
7909	43933	68107	50	44.5	74.9	1.4	0.04	0.000*	---	1.46	0.002
7910	43934	68107	50	45.3	75.5	1.4	0.04	0.000*	---	1.48	0.002
7911	43935	68107	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
7912	43936	68107	50	38.9	70.8	1.4	0.04	0.000*	---	1.39	0.001
7913	43937	68107	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
7914	43938	68107	50	58.3	85.2	1.4	0.04	0.000*	---	1.65	0.006
7915	43939	68107	50	55.6	83.1	1.4	0.04	0.000*	---	1.61	0.005
7916	43940	68107	50	584	474.1	1.4	0.04	0.000*	---	7.85	30.316
7917	43942	68107	50	50.5	79.3	1.4	0.04	0.000*	---	1.54	0.004
7918	43945	68107	50	73.7	96.5	1.4	0.04	0.000*	---	1.86	0.017
7919	43946	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
7920	43948	68107	50	63.4	88.9	1.4	0.04	0.000*	---	1.72	0.009
7921	43949	68107	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.098
7922	43950	68107	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
7923	43951	68107	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
7924	43953	68107	50	212.2	199	1.4	0.04	0.000*	---	3.64	1.568
7925	43954	68107	50	105.2	119.9	1.4	0.04	0.000*	---	2.27	0.081
7926	43957	68107	50	364	311.4	1.4	0.04	0.000*	---	5.45	9.807
7927	43958	68107	50	74.5	97.2	1.4	0.04	0.000*	---	1.87	0.018
7928	43960	68107	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
7929	43961	68107	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7930	43962	68107	50	146.6	150.5	1.4	0.04	0.000*	---	2.81	0.346
7931	43963	68107	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.102
7932	43964	68107	50	42.5	73.5	1.4	0.04	0.000*	---	1.44	0.002
7933	43965	68107	50	291.5	257.7	1.4	0.04	0.000*	---	4.6	4.92
7934	43966	68107	50	106.5	120.8	1.4	0.04	0.000*	---	2.29	0.085
7935	43967	68107	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.004
7936	43968	68107	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
7937	43969	68107	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
7938	43970	68107	50	152.6	154.9	1.4	0.04	0.000*	---	2.89	0.41
7939	43971	68107	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
7940	43973	68107	50	70.2	93.9	1.4	0.04	0.000*	---	1.81	0.014
7941	43974	68107	50	149.8	152.9	1.4	0.04	0.000*	---	2.85	0.379
7942	43975	68107	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
7943	43976	68107	50	128.4	137	1.4	0.04	0.000*	---	2.58	0.195
7944	43977	68107	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
7945	43978	68107	50	170.1	167.9	1.4	0.04	0.000*	---	3.11	0.647
7946	43979	68107	50	39.4	71.2	1.4	0.04	0.000*	---	1.39	0.001
7947	43982	68107	50	95.2	112.5	1.4	0.04	0.000*	---	2.14	0.052
7948	43983	68107	50	111.9	124.8	1.4	0.04	0.000*	---	2.36	0.107
7949	43984	68107	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
7950	43985	68107	50	396.5	335.4	1.4	0.04	0.000*	---	5.82	12.453
7951	43986	68107	50	61.6	87.6	1.4	0.04	0.000*	---	1.7	0.008
7952	43987	68107	50	87.5	106.7	1.4	0.04	0.000*	---	2.04	0.036
7953	43988	68107	50	166.2	165	1.4	0.04	0.000*	---	3.06	0.587
7954	43989	68107	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
7955	43991	68107	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
7956	43992	68107	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
7957	43993	68107	50	175.2	171.6	1.4	0.04	0.000*	---	3.17	0.73
7958	43994	68107	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
7959	43996	68107	50	82.8	103.2	1.4	0.04	0.000*	---	1.98	0.028
7960	43998	68107	50	136.8	143.3	1.4	0.04	0.000*	---	2.68	0.257
7961	43999	68107	50	102.6	118	1.4	0.04	0.000*	---	2.24	0.073
7962	44000	68107	50	84.6	104.6	1.4	0.04	0.000*	---	2	0.031
7963	44001	68107	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
7964	44002	68107	50	39.9	71.5	1.4	0.04	0.000*	---	1.4	0.001
7965	44003	68107	50	48.1	77.6	1.4	0.04	0.000*	---	1.51	0.003
7966	44004	68107	50	49.9	78.9	1.4	0.04	0.000*	---	1.54	0.003
7967	44005	68107	50	154.5	156.3	1.4	0.04	0.000*	---	2.91	0.432
7968	44006	68107	50	35	67.9	1.4	0.04	0.000*	---	1.33	0.001
7969	44008	68107	50	60.3	86.6	1.4	0.04	0.000*	---	1.68	0.007
7970	44009	68107	50	112.5	125.3	1.4	0.04	0.000*	---	2.37	0.109
7971	44010	68107	50	100.3	116.3	1.4	0.04	0.000*	---	2.21	0.066
7972	44011	68107	50	100.5	116.3	1.4	0.04	0.000*	---	2.21	0.066
7973	44013	68107	50	128.7	137.3	1.4	0.04	0.000*	---	2.58	0.197
7974	44014	68107	50	55.3	82.9	1.4	0.04	0.000*	---	1.61	0.005
7975	44016	68107	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
7976	44017	68107	50	146.3	150.2	1.4	0.04	0.000*	---	2.8	0.342
7977	44018	68107	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
7978	44019	68107	50	81.4	102.2	1.4	0.04	0.000*	---	1.96	0.026
7979	44020	68107	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
7980	44022	68107	50	96.8	113.6	1.4	0.04	0.000*	---	2.16	0.056
7981	44023	68107	50	34.3	67.4	1.4	0.04	0.000*	---	1.33	0.001
7982	44024	68107	50	46.3	76.3	1.4	0.04	0.000*	---	1.49	0.003
7983	44025	68107	50	76.3	98.4	1.4	0.04	0.000*	---	1.89	0.02
7984	44026	68107	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
7985	44028	68107	50	147.7	151.3	1.4	0.04	0.000*	---	2.82	0.357
7986	44029	68107	50	56.3	83.7	1.4	0.04	0.000*	---	1.62	0.005
7987	44031	68107	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
7988	44032	68107	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
7989	44033	68107	50	100.1	116	1.4	0.04	0.000*	---	2.21	0.065
7990	44034	68107	50	39	70.9	1.4	0.04	0.000*	---	1.39	0.001

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
7991	44035	68107	50	88.3	107.4	1.4	0.04	0.000*	---	2.05	0.037
7992	44037	68107	50	100.9	116.6	1.4	0.04	0.000*	---	2.22	0.067
7993	44039	68107	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
7994	44040	68107	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
7995	44041	68107	50	83.7	104	1.4	0.04	0.000*	---	1.99	0.03
7996	44042	68107	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.37
7997	44044	68107	50	152.1	154.5	1.4	0.04	0.000*	---	2.88	0.404
7998	44046	68107	50	375.5	319.9	1.4	0.04	0.000*	---	5.58	10.717
7999	44047	68107	50	52.8	81.1	1.4	0.04	0.000*	---	1.58	0.004
8000	44048	68107	50	42.8	73.6	1.4	0.04	0.000*	---	1.44	0.002
8001	44049	68107	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
8002	44050	68107	50	27.1	62	1.4	0.04	0.000*	---	1.23	0
8003	44052	68107	50	42.3	73.3	1.4	0.04	0.000*	---	1.43	0.002
8004	44053	68107	50	64.5	89.7	1.4	0.04	0.000*	---	1.73	0.01
8005	44055	68107	50	31.7	65.4	1.4	0.04	0.000*	---	1.29	0.001
8006	44056	68107	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
8007	44057	68107	50	41.9	73	1.4	0.04	0.000*	---	1.43	0.002
8008	44059	68107	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
8009	44060	68107	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.033
8010	44061	68107	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
8011	44062	68107	50	69.1	93.1	1.4	0.04	0.000*	---	1.79	0.013
8012	44063	68107	50	115.3	127.4	1.4	0.04	0.000*	---	2.41	0.122
8013	44064	68107	50	91	109.4	1.4	0.04	0.000*	---	2.09	0.043
8014	44065	68107	50	48.4	77.8	1.4	0.04	0.000*	---	1.52	0.003
8015	44066	68107	50	65	90.1	1.4	0.04	0.000*	---	1.74	0.01
8016	44067	68107	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
8017	44068	68107	50	53.6	81.6	1.4	0.04	0.000*	---	1.59	0.004
8018	44069	68107	50	165.3	164.3	1.4	0.04	0.000*	---	3.05	0.573
8019	44070	68107	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
8020	44071	68107	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.452
8021	44072	68107	50	185.3	179.1	1.4	0.04	0.000*	---	3.3	0.918
8022	44073	68107	50	220.7	205.3	1.4	0.04	0.000*	---	3.74	1.823
8023	44074	68107	50	55.7	83.2	1.4	0.04	0.000*	---	1.61	0.005
8024	44075	68107	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
8025	44076	68107	50	443.7	370.3	1.4	0.04	0.000*	---	6.34	16.654
8026	44077	68107	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
8027	44079	68107	50	44.7	75.1	1.4	0.04	0.000*	---	1.47	0.002
8028	44080	68107	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
8029	44081	68107	50	199.4	189.5	1.4	0.04	0.000*	---	3.48	1.229
8030	44082	68107	50	70.6	94.2	1.4	0.04	0.000*	---	1.82	0.014
8031	44083	68107	50	139	144.8	1.4	0.04	0.000*	---	2.71	0.275
8032	44084	68107	50	111.9	124.8	1.4	0.04	0.000*	---	2.36	0.106
8033	44085	68107	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
8034	44088	68107	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	0.999
8035	44089	68107	50	83.4	103.8	1.4	0.04	0.000*	---	1.99	0.029
8036	44090	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
8037	44091	68107	50	103.4	118.6	1.4	0.04	0.000*	---	2.25	0.075
8038	44092	68107	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
8039	44094	68107	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
8040	44099	68107	50	54.4	82.2	1.4	0.04	0.000*	---	1.6	0.005
8041	44101	68107	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
8042	44102	68107	50	125.5	134.8	1.4	0.04	0.000*	---	2.54	0.176
8043	44103	68107	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
8044	44104	68107	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
8045	44105	68107	50	45.1	75.4	1.4	0.04	0.000*	---	1.47	0.002
8046	44106	68107	50	97.7	114.3	1.4	0.04	0.000*	---	2.18	0.059
8047	44107	68107	50	165.1	164.2	1.4	0.04	0.000*	---	3.05	0.571
8048	44108	68107	50	98.4	114.8	1.4	0.04	0.000*	---	2.18	0.06
8049	44111	68107	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.203
8050	44112	68107	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
8051	44113	68107	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.108

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8052	44114	68107	50	72.8	95.9	1.4	0.04	0.000*	---	1.84	0.016
8053	44115	68107	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.272
8054	44116	68107	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.172
8055	44117	68107	50	68.1	92.4	1.4	0.04	0.000*	---	1.78	0.012
8056	44118	68107	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
8057	44119	68107	50	47.6	77.2	1.4	0.04	0.000*	---	1.51	0.003
8058	44120	68107	50	283	251.4	1.4	0.04	0.000*	---	4.5	4.453
8059	44122	68107	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
8060	44123	68107	50	141.9	147.1	1.4	0.04	0.000*	---	2.75	0.301
8061	44124	68107	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
8062	44125	68107	50	158.4	159.2	1.4	0.04	0.000*	---	2.96	0.48
8063	44127	68107	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
8064	44128	68107	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.528
8065	44129	68107	50	158.2	159.1	1.4	0.04	0.000*	---	2.96	0.478
8066	44130	68107	50	157.9	158.8	1.4	0.04	0.000*	---	2.95	0.473
8067	44131	68107	50	1038.1	810.2	1.4	0.04	0.000*	---	12.15	66.087
8068	44132	68107	50	129.8	138	1.4	0.04	0.000*	---	2.59	0.204
8069	44133	68107	50	70.3	94	1.4	0.04	0.000*	---	1.81	0.014
8070	44134	68107	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.183
8071	44135	68107	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
8072	44137	68107	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.452
8073	44138	68107	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
8074	44139	68107	50	62.4	88.2	1.4	0.04	0.000*	---	1.71	0.008
8075	44140	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.028
8076	44143	68107	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
8077	44144	68107	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.198
8078	44145	68107	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.472
8079	44146	68107	50	259.1	233.8	1.4	0.04	0.000*	---	4.21	3.285
8080	44147	68107	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.197
8081	44148	68107	50	437.8	366	1.4	0.04	0.000*	---	6.28	16.112
8082	44150	68107	50	317.8	277.2	1.4	0.04	0.000*	---	4.91	6.51
8083	44151	68107	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
8084	44152	68107	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
8085	44153	68107	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
8086	44155	68107	50	69	93	1.4	0.04	0.000*	---	1.79	0.013
8087	44156	68107	50	87.9	107.1	1.4	0.04	0.000*	---	2.05	0.037
8088	44157	68107	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.088
8089	44158	68107	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
8090	44160	68107	50	107.8	121.8	1.4	0.04	0.000*	---	2.31	0.09
8091	44161	68107	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
8092	44162	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.028
8093	44163	68107	50	337.5	291.8	1.4	0.04	0.000*	---	5.14	7.841
8094	44164	68107	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.261
8095	44165	68107	50	55	82.7	1.4	0.04	0.000*	---	1.61	0.005
8096	44166	68107	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
8097	44167	68107	50	68.2	92.4	1.4	0.04	0.000*	---	1.78	0.012
8098	44169	68107	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
8099	44170	68107	50	38.9	70.8	1.4	0.04	0.000*	---	1.39	0.001
8100	44171	68107	50	45.9	76	1.4	0.04	0.000*	---	1.48	0.002
8101	44173	68107	50	39.2	71	1.4	0.04	0.000*	---	1.39	0.001
8102	44174	68107	50	48.7	78	1.4	0.04	0.000*	---	1.52	0.003
8103	44176	68107	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
8104	44177	68107	50	104.9	119.7	1.4	0.04	0.000*	---	2.27	0.08
8105	44178	68107	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
8106	44179	68107	50	43.7	74.4	1.4	0.04	0.000*	---	1.45	0.002
8107	44180	68107	50	13.6	52	1.4	0.04	0.000*	---	1.04	0
8108	44181	68107	50	30	64.2	1.4	0.04	0.000*	---	1.27	0.001
8109	44182	68107	50	79.1	100.5	1.4	0.04	0.000*	---	1.93	0.023
8110	44183	68107	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
8111	44184	68107	50	75.2	97.7	1.4	0.04	0.000*	---	1.88	0.019
8112	44185	68107	50	78.8	100.3	1.4	0.04	0.000*	---	1.93	0.023

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8113	44186	68107	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
8114	44187	68107	50	144.4	148.9	1.4	0.04	0.000*	---	2.78	0.324
8115	44188	68107	50	108.4	122.2	1.4	0.04	0.000*	---	2.32	0.093
8116	44194	68107	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
8117	44196	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
8118	44197	68107	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
8119	44198	68107	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
8120	44199	68107	50	114.8	127	1.4	0.04	0.000*	---	2.4	0.119
8121	44200	68107	50	43.6	74.3	1.4	0.04	0.000*	---	1.45	0.002
8122	44201	68107	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
8123	44202	68107	50	50.9	79.7	1.4	0.04	0.000*	---	1.55	0.004
8124	44203	68107	50	103.4	118.5	1.4	0.04	0.000*	---	2.25	0.075
8125	44205	68107	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.277
8126	44206	68107	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.059
8127	44208	68107	50	106.3	120.7	1.4	0.04	0.000*	---	2.29	0.085
8128	44210	68107	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
8129	44211	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
8130	44212	68107	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
8131	44213	68107	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193
8132	44214	68107	50	97.9	114.5	1.4	0.04	0.000*	---	2.18	0.059
8133	44217	68107	50	45.3	75.6	1.4	0.04	0.000*	---	1.48	0.002
8134	44219	68107	50	94.5	111.9	1.4	0.04	0.000*	---	2.13	0.05
8135	44220	68107	50	51.2	79.9	1.4	0.04	0.000*	---	1.55	0.004
8136	44221	68107	50	143.7	148.3	1.4	0.04	0.000*	---	2.77	0.317
8137	44222	68107	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
8138	44224	68107	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
8139	44225	68107	50	96.2	113.2	1.4	0.04	0.000*	---	2.16	0.055
8140	44227	68107	50	87.5	106.8	1.4	0.04	0.000*	---	2.04	0.036
8141	44228	68107	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
8142	44230	68107	50	134.1	141.3	1.4	0.04	0.000*	---	2.65	0.235
8143	44231	68107	50	56.4	83.7	1.4	0.04	0.000*	---	1.62	0.006
8144	44233	68107	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
8145	44234	68107	50	82.1	102.7	1.4	0.04	0.000*	---	1.97	0.027
8146	44235	68107	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
8147	44236	68107	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
8148	44237	68107	50	43.4	74.2	1.4	0.04	0.000*	---	1.45	0.002
8149	44239	68107	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
8150	44240	68107	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
8151	44241	68107	50	49.1	78.3	1.4	0.04	0.000*	---	1.53	0.003
8152	44244	68107	50	87.2	106.6	1.4	0.04	0.000*	---	2.04	0.035
8153	44245	68107	50	79.6	100.9	1.4	0.04	0.000*	---	1.94	0.024
8154	44246	68107	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
8155	44247	68107	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.821
8156	44248	68107	50	92.8	110.7	1.4	0.04	0.000*	---	2.11	0.047
8157	44250	68107	50	102.2	117.7	1.4	0.04	0.000*	---	2.23	0.071
8158	44251	68107	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
8159	44252	68107	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.927
8160	44253	68107	50	245.9	224	1.4	0.04	0.000*	---	4.05	2.724
8161	44254	68107	50	76	98.2	1.4	0.04	0.000*	---	1.89	0.019
8162	44255	68107	50	186.3	179.8	1.4	0.04	0.000*	---	3.31	0.937
8163	44256	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
8164	44258	68107	50	336	290.6	1.4	0.04	0.000*	---	5.12	7.735
8165	44260	68107	50	37.3	69.6	1.4	0.04	0.000*	---	1.37	0.001
8166	44261	68107	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.915
8167	44262	68107	50	223	207	1.4	0.04	0.000*	---	3.77	1.896
8168	44265	68107	50	85.8	105.5	1.4	0.04	0.000*	---	2.02	0.033
8169	44268	68107	50	55.6	83.2	1.4	0.04	0.000*	---	1.61	0.005
8170	44269	68107	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
8171	44270	68107	50	79.6	100.9	1.4	0.04	0.000*	---	1.94	0.024
8172	44271	68107	50	325.1	282.6	1.4	0.04	0.000*	---	5	6.987
8173	44272	68107	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8174	44273	68107	50	252.5	228.8	1.4	0.04	0.000*	---	4.13	2.995
8175	44274	68107	50	110.7	123.9	1.4	0.04	0.000*	---	2.35	0.102
8176	44275	68107	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.495
8177	44277	68107	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.878
8178	44278	68107	50	223.7	207.6	1.4	0.04	0.000*	---	3.78	1.919
8179	44279	68107	50	254.5	230.4	1.4	0.04	0.000*	---	4.15	3.083
8180	44280	68107	50	163.3	162.8	1.4	0.04	0.000*	---	3.02	0.545
8181	44281	68107	50	261	235.2	1.4	0.04	0.000*	---	4.23	3.371
8182	44282	68107	50	129	137.5	1.4	0.04	0.000*	---	2.58	0.199
8183	44283	68107	50	48.7	78.1	1.4	0.04	0.000*	---	1.52	0.003
8184	44284	68107	50	40.9	72.3	1.4	0.04	0.000*	---	1.42	0.002
8185	44287	68107	50	70.9	94.4	1.4	0.04	0.000*	---	1.82	0.014
8186	44288	68107	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
8187	44289	68107	50	289.5	256.3	1.4	0.04	0.000*	---	4.58	4.81
8188	44290	68107	50	38	70.1	1.4	0.04	0.000*	---	1.38	0.001
8189	44291	68107	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
8190	44292	68107	50	76	98.2	1.4	0.04	0.000*	---	1.89	0.019
8191	44293	68107	50	86.4	105.9	1.4	0.04	0.000*	---	2.03	0.034
8192	44294	68107	50	66	90.8	1.4	0.04	0.000*	---	1.75	0.011
8193	44295	68107	50	87.4	106.7	1.4	0.04	0.000*	---	2.04	0.036
8194	44296	68107	50	270.6	242.3	1.4	0.04	0.000*	---	4.35	3.824
8195	44298	68107	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
8196	44299	68107	50	477.5	395.3	1.4	0.04	0.000*	---	6.72	19.849
8197	44300	68107	50	51.2	79.9	1.4	0.04	0.000*	---	1.55	0.004
8198	44301	68107	50	62.5	88.2	1.4	0.04	0.000*	---	1.71	0.008
8199	44303	68107	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
8200	44304	68107	50	333.8	289	1.4	0.04	0.000*	---	5.1	7.581
8201	44305	68107	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
8202	44306	68107	50	42.5	73.4	1.4	0.04	0.000*	---	1.44	0.002
8203	44307	68107	50	88.3	107.4	1.4	0.04	0.000*	---	2.05	0.037
8204	44308	68107	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.849
8205	44310	68107	50	50.2	79.1	1.4	0.04	0.000*	---	1.54	0.003
8206	44311	68107	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.382
8207	44313	68107	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.822
8208	44314	68107	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
8209	44315	68107	50	287.9	255.1	1.4	0.04	0.000*	---	4.56	4.722
8210	44316	68107	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
8211	44317	68107	50	60.3	86.6	1.4	0.04	0.000*	---	1.68	0.007
8212	44318	68107	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
8213	44319	68107	50	64.3	89.6	1.4	0.04	0.000*	---	1.73	0.01
8214	44320	68107	50	97	113.8	1.4	0.04	0.000*	---	2.17	0.057
8215	44321	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
8216	44323	68107	50	64.9	90.1	1.4	0.04	0.000*	---	1.74	0.01
8217	44324	68107	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
8218	44325	68107	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017
8219	44327	68107	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.271
8220	44328	68107	50	177.5	173.4	1.4	0.04	0.000*	---	3.2	0.771
8221	44329	68107	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
8222	44330	68107	50	284.4	252.5	1.4	0.04	0.000*	---	4.51	4.532
8223	44331	68107	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
8224	44332	68107	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
8225	44334	68107	50	623.5	503.4	1.4	0.04	0.000*	---	8.26	34.174
8226	44337	68107	50	181.4	176.3	1.4	0.04	0.000*	---	3.25	0.842
8227	44339	68107	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.267
8228	44341	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.071
8229	44344	68107	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
8230	44345	68107	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
8231	44346	68107	50	82.5	103.1	1.4	0.04	0.000*	---	1.97	0.028
8232	44347	68107	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
8233	44348	68107	50	134	141.1	1.4	0.04	0.000*	---	2.65	0.234
8234	44349	68107	50	86.3	105.9	1.4	0.04	0.000*	---	2.02	0.034

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8235	44350	68107	50	135	141.9	1.4	0.04	0.000*	---	2.66	0.242
8236	44351	68107	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.013
8237	44352	68107	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
8238	44354	68107	50	260.5	234.7	1.4	0.04	0.000*	---	4.23	3.345
8239	44357	68107	50	233.7	215	1.4	0.04	0.000*	---	3.9	2.261
8240	44358	68107	50	35.5	68.2	1.4	0.04	0.000*	---	1.34	0.001
8241	44359	68107	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
8242	44361	68107	50	83.3	103.7	1.4	0.04	0.000*	---	1.98	0.029
8243	44362	68107	50	120	130.8	1.4	0.04	0.000*	---	2.47	0.145
8244	44366	68107	50	40.8	72.2	1.4	0.04	0.000*	---	1.41	0.002
8245	44367	68107	50	54	82	1.4	0.04	0.000*	---	1.59	0.005
8246	44371	68107	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
8247	44373	68107	50	53.1	81.3	1.4	0.04	0.000*	---	1.58	0.004
8248	44375	68107	50	192.2	184.3	1.4	0.04	0.000*	---	3.39	1.063
8249	44376	68107	50	89	107.8	1.4	0.04	0.000*	---	2.06	0.039
8250	44377	68107	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
8251	44379	68107	50	50.9	79.7	1.4	0.04	0.000*	---	1.55	0.004
8252	44380	68107	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
8253	44381	68107	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
8254	44382	68107	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
8255	44383	68107	50	79	100.4	1.4	0.04	0.000*	---	1.93	0.023
8256	44384	68107	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.353
8257	44385	68107	50	40.9	72.3	1.4	0.04	0.000*	---	1.42	0.002
8258	44386	68107	50	65.9	90.8	1.4	0.04	0.000*	---	1.75	0.011
8259	44387	68107	50	104.6	119.4	1.4	0.04	0.000*	---	2.27	0.079
8260	44389	68107	50	57.4	84.5	1.4	0.04	0.000*	---	1.64	0.006
8261	44390	68107	50	52.8	81.1	1.4	0.04	0.000*	---	1.58	0.004
8262	44391	68107	50	151.5	154.1	1.4	0.04	0.000*	---	2.87	0.397
8263	44392	68107	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
8264	44393	68107	50	50.3	79.2	1.4	0.04	0.000*	---	1.54	0.003
8265	44394	68107	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.417
8266	44395	68107	50	54	81.9	1.4	0.04	0.000*	---	1.59	0.005
8267	44396	68107	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
8268	44397	68107	50	48.2	77.7	1.4	0.04	0.000*	---	1.51	0.003
8269	44398	68107	50	69.1	93.1	1.4	0.04	0.000*	---	1.79	0.013
8270	44400	68107	50	71.4	94.8	1.4	0.04	0.000*	---	1.83	0.015
8271	44401	68107	50	16.6	54.3	1.4	0.04	0.000*	---	1.08	0
8272	44403	68107	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.704
8273	44404	68107	50	90.6	109	1.4	0.04	0.000*	---	2.08	0.042
8274	44405	68107	50	141.4	146.6	1.4	0.04	0.000*	---	2.74	0.296
8275	44406	68107	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
8276	44407	68107	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
8277	44409	68107	50	172.7	169.8	1.4	0.04	0.000*	---	3.14	0.688
8278	44410	68107	50	50.1	79.1	1.4	0.04	0.000*	---	1.54	0.003
8279	44411	68107	50	159.8	160.2	1.4	0.04	0.000*	---	2.98	0.497
8280	44413	68107	50	109.5	123.1	1.4	0.04	0.000*	---	2.33	0.097
8281	44414	68107	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
8282	44415	68107	50	250.9	227.6	1.4	0.04	0.000*	---	4.11	2.927
8283	44416	68107	50	181.3	176.2	1.4	0.04	0.000*	---	3.25	0.84
8284	44417	68107	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
8285	44418	68107	50	65.2	90.3	1.4	0.04	0.000*	---	1.74	0.01
8286	44419	68107	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.909
8287	44420	68107	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.905
8288	44421	68107	50	74.5	97.2	1.4	0.04	0.000*	---	1.87	0.018
8289	44422	68107	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
8290	44423	68107	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.538
8291	44424	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
8292	44426	68107	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
8293	44427	68107	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
8294	44428	68107	50	60.6	86.8	1.4	0.04	0.000*	---	1.68	0.007
8295	44429	68107	50	184.8	178.8	1.4	0.04	0.000*	---	3.29	0.908

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8296	44431	68107	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
8297	44432	68107	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
8298	44433	68107	50	312.8	273.5	1.4	0.04	0.000*	---	4.85	6.187
8299	44436	68107	50	47.1	76.9	1.4	0.04	0.000*	---	1.5	0.003
8300	44437	68107	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
8301	44439	68107	50	78.4	100.1	1.4	0.04	0.000*	---	1.92	0.022
8302	44441	68107	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
8303	44442	68107	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
8304	44443	68107	50	26.1	61.3	1.4	0.04	0.000*	---	1.21	0
8305	44444	68107	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
8306	44445	68107	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
8307	44446	68107	50	212.4	199.2	1.4	0.04	0.000*	---	3.64	1.575
8308	44448	68107	50	69.2	93.2	1.4	0.04	0.000*	---	1.8	0.013
8309	44449	68107	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
8310	44450	68107	50	102.4	117.8	1.4	0.04	0.000*	---	2.24	0.072
8311	44451	68107	50	132.8	140.3	1.4	0.04	0.000*	---	2.63	0.226
8312	44452	68107	50	56.3	83.7	1.4	0.04	0.000*	---	1.62	0.005
8313	44453	68107	50	107.1	121.2	1.4	0.04	0.000*	---	2.3	0.088
8314	44454	68107	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
8315	44455	68107	50	100.6	116.5	1.4	0.04	0.000*	---	2.21	0.067
8316	44456	68107	50	99.4	115.5	1.4	0.04	0.000*	---	2.2	0.063
8317	44457	68107	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.518
8318	44458	68107	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
8319	44459	68107	50	138.8	144.7	1.4	0.04	0.000*	---	2.71	0.273
8320	44460	68107	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
8321	44463	68107	50	162.6	162.4	1.4	0.04	0.000*	---	3.01	0.536
8322	44464	68107	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
8323	44465	68107	50	55.4	83	1.4	0.04	0.000*	---	1.61	0.005
8324	44466	68107	50	210	197.4	1.4	0.04	0.000*	---	3.61	1.505
8325	44467	68107	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
8326	44468	68107	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.505
8327	44469	68107	50	208.9	196.6	1.4	0.04	0.000*	---	3.6	1.476
8328	44470	68107	50	40	71.6	1.4	0.04	0.000*	---	1.4	0.001
8329	44471	68107	50	79.1	100.5	1.4	0.04	0.000*	---	1.93	0.023
8330	44472	68107	50	123.4	133.3	1.4	0.04	0.000*	---	2.51	0.164
8331	44473	68107	50	244.5	222.9	1.4	0.04	0.000*	---	4.03	2.668
8332	44474	68107	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.006
8333	44475	68107	50	108.4	122.2	1.4	0.04	0.000*	---	2.32	0.093
8334	44476	68107	50	126.9	135.9	1.4	0.04	0.000*	---	2.56	0.185
8335	44477	68107	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
8336	44478	68107	50	40.8	72.2	1.4	0.04	0.000*	---	1.41	0.002
8337	44479	68107	50	241.1	220.4	1.4	0.04	0.000*	---	3.99	2.533
8338	44482	68107	50	115.9	127.8	1.4	0.04	0.000*	---	2.41	0.124
8339	44483	68107	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.073
8340	44484	68107	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
8341	44486	68107	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
8342	44487	68107	50	43.3	74	1.4	0.04	0.000*	---	1.45	0.002
8343	44489	68107	50	123.3	133.3	1.4	0.04	0.000*	---	2.51	0.163
8344	44490	68107	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.246
8345	44491	68107	50	39.8	71.4	1.4	0.04	0.000*	---	1.4	0.001
8346	44492	68107	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
8347	44493	68107	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
8348	44494	68107	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
8349	44496	68107	50	35.3	68.1	1.4	0.04	0.000*	---	1.34	0.001
8350	44498	68107	50	105.5	120.1	1.4	0.04	0.000*	---	2.28	0.082
8351	44500	68107	50	172.6	169.7	1.4	0.04	0.000*	---	3.14	0.686
8352	44501	68107	50	116.8	128.4	1.4	0.04	0.000*	---	2.42	0.128
8353	44502	68107	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.869
8354	44503	68107	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
8355	44504	68107	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
8356	44506	68107	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8357	44507	68107	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
8358	44508	68107	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
8359	44509	68107	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.89
8360	44510	68107	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
8361	44511	68107	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
8362	44512	68107	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
8363	44514	68107	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
8364	44515	68107	50	59.4	86	1.4	0.04	0.000*	---	1.67	0.007
8365	44516	68107	50	193.8	185.4	1.4	0.04	0.000*	---	3.41	1.099
8366	44517	68107	50	50.6	79.5	1.4	0.04	0.000*	---	1.55	0.004
8367	44518	68107	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
8368	44519	68107	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
8369	44520	68107	50	38.6	70.5	1.4	0.04	0.000*	---	1.38	0.001
8370	44521	68107	50	67.8	92.1	1.4	0.04	0.000*	---	1.78	0.012
8371	44522	68107	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
8372	44523	68107	50	58.3	85.1	1.4	0.04	0.000*	---	1.65	0.006
8373	44524	68107	50	41.1	72.4	1.4	0.04	0.000*	---	1.42	0.002
8374	44525	68107	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
8375	44526	68107	50	144.1	148.6	1.4	0.04	0.000*	---	2.78	0.32
8376	44527	68107	50	57.1	84.3	1.4	0.04	0.000*	---	1.63	0.006
8377	44528	68107	50	122.6	132.7	1.4	0.04	0.000*	---	2.5	0.159
8378	44529	68107	50	44	74.6	1.4	0.04	0.000*	---	1.46	0.002
8379	44530	68107	50	56.6	83.9	1.4	0.04	0.000*	---	1.63	0.006
8380	44531	68107	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
8381	44533	68107	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
8382	44534	68107	50	106.3	120.7	1.4	0.04	0.000*	---	2.29	0.085
8383	44535	68107	50	103.2	118.3	1.4	0.04	0.000*	---	2.25	0.074
8384	44536	68107	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
8385	44537	68107	50	41.5	72.7	1.4	0.04	0.000*	---	1.42	0.002
8386	44538	68107	50	218.7	203.9	1.4	0.04	0.000*	---	3.72	1.762
8387	44539	68107	50	48.1	77.6	1.4	0.04	0.000*	---	1.51	0.003
8388	44540	68107	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
8389	44541	68107	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
8390	44542	68107	50	51	79.8	1.4	0.04	0.000*	---	1.55	0.004
8391	44543	68107	50	88.3	107.4	1.4	0.04	0.000*	---	2.05	0.038
8392	44545	68107	50	51.6	80.2	1.4	0.04	0.000*	---	1.56	0.004
8393	44546	68107	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.935
8394	44548	68107	50	61.3	87.4	1.4	0.04	0.000*	---	1.69	0.008
8395	44549	68107	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
8396	44550	68107	50	74.4	97.1	1.4	0.04	0.000*	---	1.87	0.018
8397	44552	68107	50	78.7	100.3	1.4	0.04	0.000*	---	1.92	0.023
8398	44553	68107	50	99	115.2	1.4	0.04	0.000*	---	2.19	0.062
8399	44554	68107	50	83.7	104	1.4	0.04	0.000*	---	1.99	0.03
8400	44555	68107	50	107.9	121.8	1.4	0.04	0.000*	---	2.31	0.091
8401	44556	68107	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
8402	44557	68107	50	92.4	110.4	1.4	0.04	0.000*	---	2.1	0.046
8403	44558	68107	50	84.9	104.8	1.4	0.04	0.000*	---	2.01	0.032
8404	44559	68107	50	137.2	143.5	1.4	0.04	0.000*	---	2.69	0.26
8405	44560	68107	50	55.1	82.8	1.4	0.04	0.000*	---	1.61	0.005
8406	44562	68107	50	34	67.1	1.4	0.04	0.000*	---	1.32	0.001
8407	44564	68107	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
8408	44565	68107	50	85.2	105	1.4	0.04	0.000*	---	2.01	0.032
8409	44566	68107	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.075
8410	44567	68107	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
8411	44568	68107	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
8412	44569	68107	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
8413	44570	68107	50	47.5	77.1	1.4	0.04	0.000*	---	1.5	0.003
8414	44571	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
8415	44573	68107	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
8416	44574	68107	50	77.2	99.1	1.4	0.04	0.000*	---	1.9	0.021
8417	44575	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8418	44576	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
8419	44577	68107	50	129.4	137.8	1.4	0.04	0.000*	---	2.59	0.201
8420	44578	68107	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.182
8421	44579	68107	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.461
8422	44580	68107	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
8423	44581	68107	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.098
8424	44582	68107	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
8425	44584	68107	50	62.4	88.2	1.4	0.04	0.000*	---	1.71	0.008
8426	44585	68107	50	132.8	140.2	1.4	0.04	0.000*	---	2.63	0.225
8427	44588	68107	50	193.6	185.3	1.4	0.04	0.000*	---	3.4	1.094
8428	44589	68107	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
8429	44590	68107	50	143.9	148.5	1.4	0.04	0.000*	---	2.77	0.319
8430	44591	68107	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
8431	44592	68107	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
8432	44595	68107	50	154.3	156.2	1.4	0.04	0.000*	---	2.91	0.43
8433	44597	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
8434	44600	68107	50	211.3	198.3	1.4	0.04	0.000*	---	3.62	1.541
8435	44604	68107	50	49.4	78.6	1.4	0.04	0.000*	---	1.53	0.003
8436	44605	68107	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
8437	44606	68107	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
8438	44607	68107	50	228.1	210.8	1.4	0.04	0.000*	---	3.83	2.063
8439	44608	68107	50	154.8	156.5	1.4	0.04	0.000*	---	2.91	0.435
8440	44609	68107	50	71.3	94.7	1.4	0.04	0.000*	---	1.82	0.015
8441	44610	68107	50	379.5	322.9	1.4	0.04	0.000*	---	5.62	11.039
8442	44611	68107	50	79.4	100.8	1.4	0.04	0.000*	---	1.93	0.024
8443	44612	68107	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
8444	44613	68107	50	232.1	213.8	1.4	0.04	0.000*	---	3.88	2.204
8445	44614	68107	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
8446	44615	68107	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
8447	44616	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
8448	44617	68107	50	185.5	179.3	1.4	0.04	0.000*	---	3.3	0.922
8449	44618	68107	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
8450	44619	68107	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
8451	44620	68107	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
8452	44621	68107	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.113
8453	44623	68107	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.271
8454	44624	68107	50	43.8	74.4	1.4	0.04	0.000*	---	1.45	0.002
8455	44625	68107	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.134
8456	44626	68107	50	242.1	221.1	1.4	0.04	0.000*	---	4	2.571
8457	44627	68107	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.855
8458	44630	68107	50	195.7	186.9	1.4	0.04	0.000*	---	3.43	1.143
8459	44631	68107	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
8460	44632	68107	50	52.7	81	1.4	0.04	0.000*	---	1.58	0.004
8461	44633	68107	50	101.8	117.4	1.4	0.04	0.000*	---	2.23	0.07
8462	44635	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
8463	44636	68107	50	131.4	139.2	1.4	0.04	0.000*	---	2.61	0.215
8464	44640	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
8465	44641	68107	50	60.9	87.1	1.4	0.04	0.000*	---	1.69	0.008
8466	44642	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
8467	44644	68107	50	55.3	82.9	1.4	0.04	0.000*	---	1.61	0.005
8468	44645	68107	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
8469	44646	68107	50	59	85.7	1.4	0.04	0.000*	---	1.66	0.007
8470	44648	68107	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.328
8471	44649	68107	50	39	70.8	1.4	0.04	0.000*	---	1.39	0.001
8472	44650	68107	50	184.1	178.2	1.4	0.04	0.000*	---	3.29	0.893
8473	44654	68107	50	40.3	71.8	1.4	0.04	0.000*	---	1.41	0.002
8474	44655	68107	50	135.4	142.2	1.4	0.04	0.000*	---	2.66	0.245
8475	44656	68107	50	94	111.6	1.4	0.04	0.000*	---	2.13	0.049
8476	44658	68107	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037
8477	44659	68107	50	120.3	131	1.4	0.04	0.000*	---	2.47	0.146
8478	44660	68107	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8479	44662	68107	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
8480	44664	68107	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
8481	44666	68107	50	151.4	154.1	1.4	0.04	0.000*	---	2.87	0.397
8482	44667	68107	50	397.1	335.8	1.4	0.04	0.000*	---	5.82	12.5
8483	44668	68107	50	168.2	166.5	1.4	0.04	0.000*	---	3.09	0.618
8484	44669	68107	50	143.6	148.3	1.4	0.04	0.000*	---	2.77	0.316
8485	44671	68107	50	123.3	133.2	1.4	0.04	0.000*	---	2.51	0.163
8486	44672	68107	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.347
8487	44673	68107	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
8488	44674	68107	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.176
8489	44675	68107	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
8490	44677	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
8491	44678	68107	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
8492	44680	68107	50	1014.8	793	1.4	0.04	0.000*	---	11.95	64.771
8493	44681	68107	50	99.5	115.7	1.4	0.04	0.000*	---	2.2	0.063
8494	44682	68107	50	55	82.7	1.4	0.04	0.000*	---	1.61	0.005
8495	44683	68107	50	711.6	568.6	1.4	0.04	0.000*	---	9.14	42.406
8496	44684	68107	50	38.4	70.4	1.4	0.04	0.000*	---	1.38	0.001
8497	44686	68107	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
8498	44687	68107	50	117.1	128.7	1.4	0.04	0.000*	---	2.43	0.13
8499	44688	68107	50	116.7	128.4	1.4	0.04	0.000*	---	2.42	0.128
8500	44689	68107	50	173.7	170.5	1.4	0.04	0.000*	---	3.15	0.704
8501	44691	68107	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.089
8502	44693	68107	50	200.4	190.3	1.4	0.04	0.000*	---	3.49	1.253
8503	44694	68107	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.664
8504	44695	68107	50	143.6	148.2	1.4	0.04	0.000*	---	2.77	0.316
8505	44696	68107	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
8506	44697	68107	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
8507	44698	68107	50	181	175.9	1.4	0.04	0.000*	---	3.25	0.834
8508	44700	68107	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
8509	44701	68107	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
8510	44702	68107	50	136.4	143	1.4	0.04	0.000*	---	2.68	0.254
8511	44704	68107	50	163.5	163	1.4	0.04	0.000*	---	3.02	0.548
8512	44705	68107	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.04
8513	44706	68107	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
8514	44709	68107	50	104.7	119.5	1.4	0.04	0.000*	---	2.27	0.079
8515	44710	68107	50	120.6	131.2	1.4	0.04	0.000*	---	2.47	0.148
8516	44711	68107	50	119.4	130.3	1.4	0.04	0.000*	---	2.46	0.141
8517	44712	68107	50	158.8	159.5	1.4	0.04	0.000*	---	2.96	0.484
8518	44713	68107	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
8519	44714	68107	50	229.8	212	1.4	0.04	0.000*	---	3.85	2.121
8520	44715	68107	50	242.6	221.6	1.4	0.04	0.000*	---	4.01	2.594
8521	44716	68107	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
8522	44719	68107	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.658
8523	44721	68107	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
8524	44722	68107	50	81.1	102	1.4	0.04	0.000*	---	1.96	0.026
8525	44723	68107	50	44.6	75	1.4	0.04	0.000*	---	1.47	0.002
8526	44724	68107	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
8527	44725	68107	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
8528	44726	68107	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
8529	44727	68107	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
8530	44728	68107	50	70.5	94.1	1.4	0.04	0.000*	---	1.81	0.014
8531	44729	68107	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
8532	44730	68107	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
8533	44731	68107	50	242.1	221.2	1.4	0.04	0.000*	---	4	2.575
8534	44732	68107	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
8535	44733	68107	50	90.9	109.3	1.4	0.04	0.000*	---	2.09	0.043
8536	44734	68107	50	36	68.6	1.4	0.04	0.000*	---	1.35	0.001
8537	44736	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
8538	44737	68107	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
8539	44738	68107	50	71.9	95.2	1.4	0.04	0.000*	---	1.83	0.015

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8540	44740	68107	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
8541	44741	68107	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.182
8542	44742	68107	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
8543	44743	68107	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
8544	44744	68107	50	162.1	161.9	1.4	0.04	0.000*	---	3.01	0.528
8545	44745	68107	50	30.7	64.7	1.4	0.04	0.000*	---	1.28	0.001
8546	44747	68107	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
8547	44748	68107	50	91	109.4	1.4	0.04	0.000*	---	2.09	0.043
8548	44749	68107	50	124.4	134	1.4	0.04	0.000*	---	2.52	0.169
8549	44751	68107	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.279
8550	44752	68107	50	59.2	85.8	1.4	0.04	0.000*	---	1.66	0.007
8551	44753	68107	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
8552	44755	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
8553	44756	68107	50	61.6	87.6	1.4	0.04	0.000*	---	1.69	0.008
8554	44757	68107	50	65.5	90.4	1.4	0.04	0.000*	---	1.75	0.01
8555	44759	68107	50	63.3	88.9	1.4	0.04	0.000*	---	1.72	0.009
8556	44760	68107	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
8557	44761	68107	50	39.1	71	1.4	0.04	0.000*	---	1.39	0.001
8558	44762	68107	50	75.5	97.9	1.4	0.04	0.000*	---	1.88	0.019
8559	44763	68107	50	130.7	138.7	1.4	0.04	0.000*	---	2.6	0.21
8560	44765	68107	50	91.9	110	1.4	0.04	0.000*	---	2.1	0.045
8561	44767	68107	50	222.7	206.8	1.4	0.04	0.000*	---	3.77	1.886
8562	44768	68107	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.895
8563	44769	68107	50	342.2	295.2	1.4	0.04	0.000*	---	5.19	8.171
8564	44771	68107	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
8565	44772	68107	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
8566	44773	68107	50	339.9	293.5	1.4	0.04	0.000*	---	5.17	8.012
8567	44774	68107	50	88.7	107.6	1.4	0.04	0.000*	---	2.06	0.038
8568	44776	68107	50	151.7	154.2	1.4	0.04	0.000*	---	2.87	0.399
8569	44777	68107	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.142
8570	44778	68107	50	81.4	102.2	1.4	0.04	0.000*	---	1.96	0.026
8571	44779	68107	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.239
8572	44780	68107	50	61.6	87.6	1.4	0.04	0.000*	---	1.69	0.008
8573	44781	68107	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
8574	44783	68107	50	197.9	188.5	1.4	0.04	0.000*	---	3.46	1.195
8575	44784	68107	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.694
8576	44785	68107	50	38.9	70.8	1.4	0.04	0.000*	---	1.39	0.001
8577	44786	68107	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
8578	44788	68107	50	156.4	157.7	1.4	0.04	0.000*	---	2.93	0.455
8579	44789	68107	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
8580	44790	68107	50	205.6	194.2	1.4	0.04	0.000*	---	3.55	1.388
8581	44793	68107	50	43.1	73.9	1.4	0.04	0.000*	---	1.45	0.002
8582	44794	68107	50	110.9	124.1	1.4	0.04	0.000*	---	2.35	0.102
8583	44795	68107	50	88.7	107.6	1.4	0.04	0.000*	---	2.06	0.038
8584	44796	68107	50	96.8	113.7	1.4	0.04	0.000*	---	2.16	0.056
8585	44797	68107	50	99.9	116	1.4	0.04	0.000*	---	2.2	0.065
8586	44798	68107	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
8587	44799	68107	50	426.9	357.9	1.4	0.04	0.000*	---	6.16	15.122
8588	44800	68107	50	119.1	130.2	1.4	0.04	0.000*	---	2.45	0.14
8589	44801	68107	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.05
8590	44802	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
8591	44803	68107	50	65.2	90.3	1.4	0.04	0.000*	---	1.74	0.01
8592	44804	68107	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
8593	44805	68107	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
8594	44806	68107	50	94.8	112.2	1.4	0.04	0.000*	---	2.14	0.051
8595	44807	68107	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.249
8596	44808	68107	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
8597	44809	68107	50	545.2	445.4	1.4	0.04	0.000*	---	7.44	26.484
8598	44810	68107	50	98.7	115	1.4	0.04	0.000*	---	2.19	0.061
8599	44811	68107	50	37.3	69.6	1.4	0.04	0.000*	---	1.37	0.001
8600	44812	68107	50	205.5	194.1	1.4	0.04	0.000*	---	3.55	1.385

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8601	44814	68107	50	125.9	135.1	1.4	0.04	0.000*	---	2.54	0.179
8602	44816	68107	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.612
8603	44817	68107	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.263
8604	44820	68107	50	48.5	77.9	1.4	0.04	0.000*	---	1.52	0.003
8605	44821	68107	50	67.6	92	1.4	0.04	0.000*	---	1.77	0.012
8606	44822	68107	50	97.9	114.4	1.4	0.04	0.000*	---	2.18	0.059
8607	44823	68107	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.208
8608	44824	68107	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
8609	44825	68107	50	122.8	132.9	1.4	0.04	0.000*	---	2.5	0.16
8610	44826	68107	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
8611	44827	68107	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.079
8612	44828	68107	50	202.5	191.8	1.4	0.04	0.000*	---	3.52	1.306
8613	44829	68107	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.859
8614	44831	68107	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
8615	44832	68107	50	343.7	296.3	1.4	0.04	0.000*	---	5.21	8.282
8616	44833	68107	50	221.2	205.7	1.4	0.04	0.000*	---	3.75	1.839
8617	44834	68107	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
8618	44835	68107	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.344
8619	44836	68107	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
8620	44837	68107	50	358.4	307.2	1.4	0.04	0.000*	---	5.38	9.374
8621	44838	68107	50	427.1	358.1	1.4	0.04	0.000*	---	6.16	15.136
8622	44839	68107	50	136.8	143.3	1.4	0.04	0.000*	---	2.68	0.257
8623	44840	68107	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
8624	44841	68107	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.862
8625	44842	68107	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.559
8626	44844	68107	50	88.6	107.6	1.4	0.04	0.000*	---	2.05	0.038
8627	44845	68107	50	63.3	88.9	1.4	0.04	0.000*	---	1.72	0.009
8628	44846	68107	50	151.3	153.9	1.4	0.04	0.000*	---	2.87	0.395
8629	44848	68107	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
8630	44849	68107	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.16
8631	44851	68107	50	158	158.9	1.4	0.04	0.000*	---	2.95	0.475
8632	44852	68107	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.322
8633	44853	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
8634	44854	68107	50	60.9	87	1.4	0.04	0.000*	---	1.68	0.008
8635	44855	68107	50	247.3	225	1.4	0.04	0.000*	---	4.07	2.78
8636	44856	68107	50	165.2	164.2	1.4	0.04	0.000*	---	3.05	0.572
8637	44857	68107	50	186.8	180.3	1.4	0.04	0.000*	---	3.32	0.948
8638	44858	68107	50	252.9	229.2	1.4	0.04	0.000*	---	4.14	3.015
8639	44859	68107	50	99.3	115.5	1.4	0.04	0.000*	---	2.2	0.063
8640	44860	68107	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.197
8641	44861	68107	50	70.3	94.1	1.4	0.04	0.000*	---	1.81	0.014
8642	44863	68107	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.346
8643	44864	68107	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.182
8644	44865	68107	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
8645	44866	68107	50	167.4	165.8	1.4	0.04	0.000*	---	3.07	0.604
8646	44867	68107	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
8647	44869	68107	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
8648	44870	68107	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
8649	44872	68107	50	37.2	69.5	1.4	0.04	0.000*	---	1.37	0.001
8650	44873	68107	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.321
8651	44874	68107	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
8652	44875	68107	50	214	200.3	1.4	0.04	0.000*	---	3.66	1.619
8653	44876	68107	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.275
8654	44877	68107	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.63
8655	44879	68107	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.423
8656	44880	68107	50	104.8	119.6	1.4	0.04	0.000*	---	2.27	0.08
8657	44881	68107	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
8658	44882	68107	50	339.7	293.4	1.4	0.04	0.000*	---	5.17	7.996
8659	44883	68107	50	273.7	244.6	1.4	0.04	0.000*	---	4.39	3.976
8660	44884	68107	50	65.9	90.7	1.4	0.04	0.000*	---	1.75	0.011
8661	44885	68107	50	188.7	181.6	1.4	0.04	0.000*	---	3.34	0.986

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8662	44886	68107	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
8663	44887	68107	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
8664	44890	68107	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.307
8665	44891	68107	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
8666	44892	68107	50	331.4	287.2	1.4	0.04	0.000*	---	5.07	7.415
8667	44893	68107	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
8668	44894	68107	50	92.1	110.1	1.4	0.04	0.000*	---	2.1	0.045
8669	44895	68107	50	282.9	251.3	1.4	0.04	0.000*	---	4.5	4.448
8670	44896	68107	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
8671	44897	68107	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
8672	44898	68107	50	40.7	72.1	1.4	0.04	0.000*	---	1.41	0.002
8673	44899	68107	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.73
8674	44900	68107	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
8675	44901	68107	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
8676	44902	68107	50	52.9	81.1	1.4	0.04	0.000*	---	1.58	0.004
8677	44903	68107	50	47.4	77.1	1.4	0.04	0.000*	---	1.5	0.003
8678	44904	68107	50	133.4	140.8	1.4	0.04	0.000*	---	2.64	0.23
8679	44906	68107	50	169.8	167.6	1.4	0.04	0.000*	---	3.1	0.641
8680	44907	68107	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
8681	44908	68107	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
8682	44910	68107	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041
8683	44911	68107	50	32.6	66.1	1.4	0.04	0.000*	---	1.3	0.001
8684	44912	68107	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
8685	44915	68107	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
8686	44916	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
8687	44917	68107	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
8688	44918	68107	50	126.3	135.4	1.4	0.04	0.000*	---	2.55	0.181
8689	44919	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
8690	44921	68107	50	48.3	77.7	1.4	0.04	0.000*	---	1.52	0.003
8691	44923	68107	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
8692	44924	68107	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.955
8693	44925	68107	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.894
8694	44926	68107	50	82.1	102.7	1.4	0.04	0.000*	---	1.97	0.027
8695	44927	68107	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.732
8696	44928	68107	50	244	222.6	1.4	0.04	0.000*	---	4.03	2.647
8697	44929	68107	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
8698	44930	68107	50	78.2	99.9	1.4	0.04	0.000*	---	1.92	0.022
8699	44931	68107	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
8700	44932	68107	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
8701	44934	68107	50	52.5	80.9	1.4	0.04	0.000*	---	1.57	0.004
8702	44935	68107	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
8703	44936	68107	50	43.6	74.3	1.4	0.04	0.000*	---	1.45	0.002
8704	44937	68107	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017
8705	44938	68107	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
8706	44939	68107	50	197.1	187.9	1.4	0.04	0.000*	---	3.45	1.176
8707	44941	68107	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
8708	44942	68107	50	75.8	98.1	1.4	0.04	0.000*	---	1.89	0.019
8709	44943	68107	50	140.4	145.9	1.4	0.04	0.000*	---	2.73	0.287
8710	44944	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.021
8711	44945	68107	50	73.2	96.2	1.4	0.04	0.000*	---	1.85	0.017
8712	44946	68107	50	52.9	81.1	1.4	0.04	0.000*	---	1.58	0.004
8713	44947	68107	50	312.8	273.5	1.4	0.04	0.000*	---	4.85	6.188
8714	44948	68107	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.019
8715	44949	68107	50	119.8	130.6	1.4	0.04	0.000*	---	2.46	0.144
8716	44950	68107	50	274	244.8	1.4	0.04	0.000*	---	4.39	3.992
8717	44951	68107	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
8718	44952	68107	50	85.3	105.2	1.4	0.04	0.000*	---	2.01	0.032
8719	44953	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
8720	44954	68107	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
8721	44955	68107	50	57.5	84.5	1.4	0.04	0.000*	---	1.64	0.006
8722	44957	68107	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8723	44958	68107	50	731	582.9	1.4	0.04	0.000*	---	9.33	44.129
8724	44959	68107	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
8725	44961	68107	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
8726	44962	68107	50	84.4	104.4	1.4	0.04	0.000*	---	2	0.031
8727	44963	68107	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
8728	44965	68107	50	22.9	59	1.4	0.04	0.000*	---	1.17	0
8729	44966	68107	50	134.9	141.8	1.4	0.04	0.000*	---	2.66	0.241
8730	44967	68107	50	214.1	200.5	1.4	0.04	0.000*	---	3.66	1.624
8731	44968	68107	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.544
8732	44969	68107	50	91.3	109.6	1.4	0.04	0.000*	---	2.09	0.043
8733	44970	68107	50	98.2	114.6	1.4	0.04	0.000*	---	2.18	0.06
8734	44971	68107	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
8735	44972	68107	50	327.5	284.4	1.4	0.04	0.000*	---	5.02	7.152
8736	44974	68107	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
8737	44975	68107	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.787
8738	44976	68107	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.405
8739	44977	68107	50	254.9	230.6	1.4	0.04	0.000*	---	4.16	3.098
8740	44978	68107	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.056
8741	44979	68107	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
8742	44980	68107	50	173.3	170.3	1.4	0.04	0.000*	---	3.15	0.699
8743	44981	68107	50	59.4	85.9	1.4	0.04	0.000*	---	1.67	0.007
8744	44983	68107	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
8745	44984	68107	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
8746	44985	68107	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.887
8747	44986	68107	50	46.5	76.4	1.4	0.04	0.000*	---	1.49	0.003
8748	44987	68107	50	82.5	103	1.4	0.04	0.000*	---	1.97	0.028
8749	44988	68107	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
8750	44989	68107	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
8751	44990	68107	50	118.7	129.9	1.4	0.04	0.000*	---	2.45	0.138
8752	44991	68107	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
8753	44992	68107	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.89
8754	44993	68107	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.623
8755	44994	68107	50	81.4	102.2	1.4	0.04	0.000*	---	1.96	0.026
8756	44996	68107	50	122.8	132.9	1.4	0.04	0.000*	---	2.5	0.16
8757	44997	68107	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.267
8758	44999	68107	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
8759	45000	68107	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.717
8760	45001	68107	50	194.7	186.1	1.4	0.04	0.000*	---	3.42	1.12
8761	45002	68107	50	137.1	143.5	1.4	0.04	0.000*	---	2.69	0.259
8762	45004	68107	50	47.9	77.4	1.4	0.04	0.000*	---	1.51	0.003
8763	45005	68107	50	158.2	159.1	1.4	0.04	0.000*	---	2.96	0.477
8764	45006	68107	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.263
8765	45007	68107	50	521.6	428	1.4	0.04	0.000*	---	7.19	24.159
8766	45008	68107	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.135
8767	45009	68107	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.603
8768	45010	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
8769	45011	68107	50	94.8	112.2	1.4	0.04	0.000*	---	2.14	0.051
8770	45012	68107	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.349
8771	45013	68107	50	488.5	403.5	1.4	0.04	0.000*	---	6.84	20.914
8772	45014	68107	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
8773	45015	68107	50	239.8	219.5	1.4	0.04	0.000*	---	3.98	2.485
8774	45017	68107	50	305.7	268.2	1.4	0.04	0.000*	---	4.77	5.751
8775	45018	68107	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.065
8776	45020	68107	50	229.3	211.7	1.4	0.04	0.000*	---	3.85	2.104
8777	45021	68107	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
8778	45022	68107	50	236.6	217.1	1.4	0.04	0.000*	---	3.94	2.364
8779	45023	68107	50	141.3	146.6	1.4	0.04	0.000*	---	2.74	0.295
8780	45024	68107	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
8781	45025	68107	50	185.4	179.2	1.4	0.04	0.000*	---	3.3	0.919
8782	45026	68107	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
8783	45027	68107	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007

LEAD BATCH MODE OUTPUT FILE
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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8784	45028	68107	50	239.1	218.9	1.4	0.04	0.000*	---	3.97	2.458
8785	45029	68107	50	12.5	51.2	1.4	0.04	0.000*	---	1.03	0
8786	45030	68107	50	193.8	185.4	1.4	0.04	0.000*	---	3.41	1.099
8787	45031	68107	50	75.6	98	1.4	0.04	0.000*	---	1.88	0.019
8788	45032	68107	50	93.1	110.9	1.4	0.04	0.000*	---	2.11	0.047
8789	45033	68107	50	19.5	56.4	1.4	0.04	0.000*	---	1.12	0
8790	45034	68107	50	45.8	75.9	1.4	0.04	0.000*	---	1.48	0.002
8791	45036	68107	50	186.8	180.3	1.4	0.04	0.000*	---	3.32	0.949
8792	45037	68107	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
8793	45038	68107	50	108.2	122	1.4	0.04	0.000*	---	2.31	0.092
8794	45040	68107	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
8795	45041	68107	50	161.1	161.3	1.4	0.04	0.000*	---	3	0.516
8796	45042	68107	50	99.5	115.7	1.4	0.04	0.000*	---	2.2	0.063
8797	45043	68107	50	104.8	119.5	1.4	0.04	0.000*	---	2.27	0.08
8798	45044	68107	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
8799	45046	68107	50	40.5	72	1.4	0.04	0.000*	---	1.41	0.002
8800	45047	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
8801	45048	68107	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.075
8802	45050	68107	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
8803	45051	68107	50	245.6	223.8	1.4	0.04	0.000*	---	4.05	2.713
8804	45052	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.44
8805	45053	68107	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
8806	45054	68107	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
8807	45056	68107	50	135.2	142	1.4	0.04	0.000*	---	2.66	0.244
8808	45057	68107	50	52.6	80.9	1.4	0.04	0.000*	---	1.57	0.004
8809	45059	68107	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.841
8810	45060	68107	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
8811	45061	68107	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.176
8812	45062	68107	50	118.1	129.4	1.4	0.04	0.000*	---	2.44	0.135
8813	45063	68107	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
8814	45064	68107	50	341	294.4	1.4	0.04	0.000*	---	5.18	8.092
8815	45065	68107	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.449
8816	45066	68107	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.208
8817	45067	68107	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.097
8818	45068	68107	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.252
8819	45069	68107	50	171.3	168.7	1.4	0.04	0.000*	---	3.12	0.665
8820	45071	68107	50	45.4	75.6	1.4	0.04	0.000*	---	1.48	0.002
8821	45072	68107	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.451
8822	45073	68107	50	91.4	109.6	1.4	0.04	0.000*	---	2.09	0.044
8823	45074	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
8824	45075	68107	50	86	105.7	1.4	0.04	0.000*	---	2.02	0.033
8825	45076	68107	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
8826	45077	68107	50	69.2	93.2	1.4	0.04	0.000*	---	1.8	0.013
8827	45078	68107	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
8828	45080	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
8829	45081	68107	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
8830	45082	68107	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
8831	45084	68107	50	152.4	154.8	1.4	0.04	0.000*	---	2.88	0.408
8832	45085	68107	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
8833	45086	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.01
8834	45087	68107	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
8835	45091	68107	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
8836	45092	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
8837	45093	68107	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
8838	45094	68107	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
8839	45095	68107	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
8840	45097	68107	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
8841	45098	68107	50	210	197.4	1.4	0.04	0.000*	---	3.61	1.505
8842	45099	68107	50	59	85.7	1.4	0.04	0.000*	---	1.66	0.007
8843	45100	68107	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.716
8844	45101	68107	50	250.6	227.4	1.4	0.04	0.000*	---	4.11	2.916

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8845	45102	68107	50	43.2	74	1.4	0.04	0.000*	---	1.45	0.002
8846	45103	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
8847	45104	68107	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
8848	45105	68107	50	42	73.1	1.4	0.04	0.000*	---	1.43	0.002
8849	45106	68107	50	164.5	163.7	1.4	0.04	0.000*	---	3.04	0.562
8850	45108	68107	50	170.6	168.2	1.4	0.04	0.000*	---	3.11	0.654
8851	45109	68107	50	34.2	67.3	1.4	0.04	0.000*	---	1.32	0.001
8852	45110	68107	50	79.1	100.5	1.4	0.04	0.000*	---	1.93	0.023
8853	45111	68107	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
8854	45113	68107	50	116.7	128.3	1.4	0.04	0.000*	---	2.42	0.128
8855	45115	68107	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015
8856	45116	68107	50	112.9	125.6	1.4	0.04	0.000*	---	2.37	0.111
8857	45117	68107	50	79.4	100.7	1.4	0.04	0.000*	---	1.93	0.023
8858	45118	68107	50	48	77.5	1.4	0.04	0.000*	---	1.51	0.003
8859	45120	68107	50	63.3	88.8	1.4	0.04	0.000*	---	1.72	0.009
8860	45122	68107	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.109
8861	45123	68107	50	109.9	123.3	1.4	0.04	0.000*	---	2.33	0.098
8862	45124	68107	50	334.6	289.6	1.4	0.04	0.000*	---	5.11	7.636
8863	45125	68107	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
8864	45126	68107	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.112
8865	45127	68107	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
8866	45128	68107	50	248.6	226	1.4	0.04	0.000*	---	4.08	2.834
8867	45129	68107	50	39.5	71.2	1.4	0.04	0.000*	---	1.4	0.001
8868	45131	68107	50	131.5	139.3	1.4	0.04	0.000*	---	2.61	0.216
8869	45132	68107	50	60.1	86.5	1.4	0.04	0.000*	---	1.67	0.007
8870	45133	68107	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.241
8871	45134	68107	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
8872	45135	68107	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
8873	45136	68107	50	146.8	150.7	1.4	0.04	0.000*	---	2.81	0.348
8874	45138	68107	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
8875	45139	68107	50	155.2	156.8	1.4	0.04	0.000*	---	2.92	0.44
8876	45140	68107	50	151.7	154.3	1.4	0.04	0.000*	---	2.88	0.4
8877	45141	68107	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
8878	45142	68107	50	61.8	87.7	1.4	0.04	0.000*	---	1.7	0.008
8879	45143	68107	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.019
8880	45144	68107	50	183	177.4	1.4	0.04	0.000*	---	3.27	0.872
8881	45145	68107	50	87.9	107	1.4	0.04	0.000*	---	2.05	0.037
8882	45146	68107	50	105.6	120.2	1.4	0.04	0.000*	---	2.28	0.083
8883	45147	68107	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
8884	45148	68107	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.032
8885	45149	68107	50	69.8	93.6	1.4	0.04	0.000*	---	1.8	0.013
8886	45150	68107	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.973
8887	45151	68107	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
8888	45152	68107	50	66.1	90.9	1.4	0.04	0.000*	---	1.76	0.011
8889	45153	68107	50	466.5	387.2	1.4	0.04	0.000*	---	6.6	18.802
8890	45154	68107	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
8891	45155	68107	50	121.7	132.1	1.4	0.04	0.000*	---	2.49	0.154
8892	45156	68107	50	281	249.9	1.4	0.04	0.000*	---	4.47	4.347
8893	45157	68107	50	158.1	159	1.4	0.04	0.000*	---	2.96	0.476
8894	45158	68107	50	285.2	253.1	1.4	0.04	0.000*	---	4.52	4.573
8895	45159	68107	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
8896	45160	68107	50	373.1	318.1	1.4	0.04	0.000*	---	5.55	10.523
8897	45161	68107	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
8898	45162	68107	50	95.8	112.8	1.4	0.04	0.000*	---	2.15	0.053
8899	45163	68107	50	73.4	96.4	1.4	0.04	0.000*	---	1.85	0.017
8900	45164	68107	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
8901	45165	68107	50	102	117.5	1.4	0.04	0.000*	---	2.23	0.071
8902	45166	68107	50	177.1	173.1	1.4	0.04	0.000*	---	3.2	0.763
8903	45167	68107	50	156.1	157.5	1.4	0.04	0.000*	---	2.93	0.451
8904	45168	68107	50	200.6	190.5	1.4	0.04	0.000*	---	3.49	1.26
8905	45169	68107	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8906	45171	68107	50	82.8	103.3	1.4	0.04	0.000*	---	1.98	0.028
8907	45172	68107	50	27.3	62.2	1.4	0.04	0.000*	---	1.23	0
8908	45173	68107	50	25.8	61.1	1.4	0.04	0.000*	---	1.21	0
8909	45174	68107	50	230.9	212.9	1.4	0.04	0.000*	---	3.87	2.159
8910	45175	68107	50	117.6	129.1	1.4	0.04	0.000*	---	2.44	0.133
8911	45176	68107	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
8912	45177	68107	50	247.8	225.4	1.4	0.04	0.000*	---	4.07	2.801
8913	45178	68107	50	49.7	78.8	1.4	0.04	0.000*	---	1.53	0.003
8914	45179	68107	50	177.1	173.1	1.4	0.04	0.000*	---	3.2	0.763
8915	45180	68107	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
8916	45181	68107	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
8917	45182	68107	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
8918	45183	68107	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
8919	45184	68107	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
8920	45185	68107	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.022
8921	45186	68107	50	551.3	449.9	1.4	0.04	0.000*	---	7.51	27.087
8922	45187	68107	50	354.7	304.5	1.4	0.04	0.000*	---	5.34	9.093
8923	45188	68107	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
8924	45189	68107	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
8925	45190	68107	50	175.9	172.1	1.4	0.04	0.000*	---	3.18	0.741
8926	45191	68107	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.42
8927	45192	68107	50	142.3	147.3	1.4	0.04	0.000*	---	2.75	0.304
8928	45193	68107	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
8929	45194	68107	50	72.5	95.6	1.4	0.04	0.000*	---	1.84	0.016
8930	45195	68107	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.615
8931	45196	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
8932	45197	68107	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
8933	45198	68107	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.928
8934	45199	68107	50	110.3	123.6	1.4	0.04	0.000*	---	2.34	0.1
8935	45201	68107	50	61.8	87.7	1.4	0.04	0.000*	---	1.7	0.008
8936	45202	68107	50	48.7	78.1	1.4	0.04	0.000*	---	1.52	0.003
8937	45203	68107	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
8938	45204	68107	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.225
8939	45205	68107	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
8940	45206	68107	50	123.2	133.2	1.4	0.04	0.000*	---	2.51	0.163
8941	45207	68107	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
8942	45209	68107	50	378.7	322.3	1.4	0.04	0.000*	---	5.62	10.973
8943	45210	68107	50	109.4	122.9	1.4	0.04	0.000*	---	2.33	0.096
8944	45211	68107	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
8945	45213	68107	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.962
8946	45214	68107	50	231.4	213.3	1.4	0.04	0.000*	---	3.87	2.178
8947	45217	68107	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.628
8948	45218	68107	50	169.4	167.4	1.4	0.04	0.000*	---	3.1	0.636
8949	45219	68107	50	173.8	170.6	1.4	0.04	0.000*	---	3.16	0.707
8950	45220	68107	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
8951	45221	68107	50	92.9	110.8	1.4	0.04	0.000*	---	2.11	0.047
8952	45222	68107	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.449
8953	45223	68107	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
8954	45224	68107	50	174.2	170.9	1.4	0.04	0.000*	---	3.16	0.714
8955	45225	68107	50	97.6	114.2	1.4	0.04	0.000*	---	2.17	0.058
8956	45226	68107	50	96.7	113.6	1.4	0.04	0.000*	---	2.16	0.056
8957	45227	68107	50	66.5	91.2	1.4	0.04	0.000*	---	1.76	0.011
8958	45228	68107	50	133.6	140.8	1.4	0.04	0.000*	---	2.64	0.231
8959	45229	68107	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
8960	45231	68107	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
8961	45232	68107	50	332.4	288	1.4	0.04	0.000*	---	5.08	7.486
8962	45233	68107	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
8963	45234	68107	50	166.7	165.4	1.4	0.04	0.000*	---	3.07	0.594
8964	45235	68107	50	49.4	78.6	1.4	0.04	0.000*	---	1.53	0.003
8965	45236	68107	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.237
8966	45237	68107	50	133.8	141	1.4	0.04	0.000*	---	2.64	0.233

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
8967	45238	68107	50	92.2	110.3	1.4	0.04	0.000*	---	2.1	0.045
8968	45239	68107	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
8969	45241	68107	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.341
8970	45242	68107	50	145.9	150	1.4	0.04	0.000*	---	2.8	0.338
8971	45243	68107	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.944
8972	45244	68107	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
8973	45245	68107	50	84.6	104.6	1.4	0.04	0.000*	---	2	0.031
8974	45246	68107	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
8975	45247	68107	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
8976	45248	68107	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.19
8977	45249	68107	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
8978	45250	68107	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
8979	45251	68107	50	106.8	121.1	1.4	0.04	0.000*	---	2.29	0.087
8980	45252	68107	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
8981	45255	68107	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
8982	45256	68107	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
8983	45257	68107	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
8984	45259	68107	50	55.3	82.9	1.4	0.04	0.000*	---	1.61	0.005
8985	45260	68107	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
8986	45262	68107	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308
8987	45263	68107	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
8988	45264	68107	50	36.6	69.1	1.4	0.04	0.000*	---	1.36	0.001
8989	45265	68107	50	38.3	70.4	1.4	0.04	0.000*	---	1.38	0.001
8990	45267	68107	50	136.8	143.3	1.4	0.04	0.000*	---	2.68	0.257
8991	45268	68107	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.366
8992	45269	68107	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.33
8993	45270	68107	50	99.1	115.3	1.4	0.04	0.000*	---	2.19	0.062
8994	45271	68107	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
8995	45272	68107	50	65.9	90.7	1.4	0.04	0.000*	---	1.75	0.011
8996	45273	68107	50	68.4	92.6	1.4	0.04	0.000*	---	1.79	0.012
8997	45274	68107	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
8998	45275	68107	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
8999	45276	68107	50	82.8	103.3	1.4	0.04	0.000*	---	1.98	0.028
9000	45277	68107	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.348
9001	45278	68107	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.415
9002	45281	68107	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
9003	45282	68107	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
9004	45283	68107	50	64.8	89.9	1.4	0.04	0.000*	---	1.74	0.01
9005	45285	68107	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.181
9006	45286	68107	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
9007	45287	68107	50	73.7	96.5	1.4	0.04	0.000*	---	1.86	0.017
9008	45289	68107	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
9009	45291	68107	50	60.7	86.9	1.4	0.04	0.000*	---	1.68	0.007
9010	45292	68107	50	194.9	186.2	1.4	0.04	0.000*	---	3.42	1.123
9011	45293	68107	50	208	195.9	1.4	0.04	0.000*	---	3.58	1.451
9012	45294	68107	50	52.9	81.2	1.4	0.04	0.000*	---	1.58	0.004
9013	45295	68107	50	161.7	161.7	1.4	0.04	0.000*	---	3	0.523
9014	45296	68107	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
9015	45297	68107	50	100.8	116.6	1.4	0.04	0.000*	---	2.22	0.067
9016	45298	68107	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.004
9017	45299	68107	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.315
9018	45300	68107	50	413.7	348.1	1.4	0.04	0.000*	---	6.01	13.941
9019	45301	68107	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
9020	45303	68107	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
9021	45304	68107	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
9022	45305	68107	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
9023	45306	68107	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
9024	45307	68107	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.171
9025	45308	68107	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
9026	45310	68107	50	334.4	289.4	1.4	0.04	0.000*	---	5.1	7.621
9027	45311	68107	50	54	81.9	1.4	0.04	0.000*	---	1.59	0.005

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9028	45312	68107	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
9029	45313	68107	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
9030	45314	68107	50	91.3	109.6	1.4	0.04	0.000*	---	2.09	0.043
9031	45315	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
9032	45316	68107	50	100.6	116.4	1.4	0.04	0.000*	---	2.21	0.066
9033	45317	68107	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
9034	45318	68107	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.558
9035	45320	68107	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
9036	45321	68107	50	123.9	133.6	1.4	0.04	0.000*	---	2.52	0.166
9037	45322	68107	50	157.9	158.9	1.4	0.04	0.000*	---	2.95	0.474
9038	45323	68107	50	74.4	97	1.4	0.04	0.000*	---	1.87	0.018
9039	45324	68107	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
9040	45325	68107	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.855
9041	45326	68107	50	81.4	102.3	1.4	0.04	0.000*	---	1.96	0.026
9042	45327	68107	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
9043	45328	68107	50	230.5	212.6	1.4	0.04	0.000*	---	3.86	2.146
9044	45329	68107	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
9045	45330	68107	50	1671.1	1278.7	1.4	0.04	0.000*	---	17.1	87.31
9046	45333	68107	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989
9047	45334	68107	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.031
9048	45335	68107	50	121	131.6	1.4	0.04	0.000*	---	2.48	0.15
9049	45338	68107	50	87.1	106.5	1.4	0.04	0.000*	---	2.04	0.035
9050	45339	68107	50	19.1	56.1	1.4	0.04	0.000*	---	1.12	0
9051	45340	68107	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.017
9052	45341	68107	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
9053	45342	68107	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
9054	45343	68107	50	281.8	250.6	1.4	0.04	0.000*	---	4.48	4.393
9055	45345	68107	50	173	170	1.4	0.04	0.000*	---	3.15	0.693
9056	45346	68107	50	99.8	115.8	1.4	0.04	0.000*	---	2.2	0.064
9057	45348	68107	50	351.8	302.3	1.4	0.04	0.000*	---	5.31	8.876
9058	45349	68107	50	67.5	91.9	1.4	0.04	0.000*	---	1.77	0.012
9059	45350	68107	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
9060	45351	68107	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
9061	45353	68107	50	70.1	93.9	1.4	0.04	0.000*	---	1.81	0.014
9062	45354	68107	50	107.1	121.3	1.4	0.04	0.000*	---	2.3	0.088
9063	45355	68107	50	116.7	128.4	1.4	0.04	0.000*	---	2.42	0.128
9064	45356	68107	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
9065	45358	68107	50	54.9	82.6	1.4	0.04	0.000*	---	1.6	0.005
9066	45360	68107	50	107.1	121.2	1.4	0.04	0.000*	---	2.3	0.088
9067	45361	68107	50	71.7	95.1	1.4	0.04	0.000*	---	1.83	0.015
9068	45362	68107	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
9069	45364	68107	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
9070	45365	68107	50	83.1	103.4	1.4	0.04	0.000*	---	1.98	0.029
9071	45366	68107	50	102.1	117.5	1.4	0.04	0.000*	---	2.23	0.071
9072	45367	68107	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
9073	45368	68107	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.261
9074	45369	68107	50	86.1	105.8	1.4	0.04	0.000*	---	2.02	0.034
9075	45370	68107	50	55.6	83.2	1.4	0.04	0.000*	---	1.61	0.005
9076	45371	68107	50	39.1	70.9	1.4	0.04	0.000*	---	1.39	0.001
9077	45372	68107	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.289
9078	45373	68107	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
9079	45374	68107	50	170.5	168.1	1.4	0.04	0.000*	---	3.11	0.652
9080	45375	68107	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.943
9081	45376	68107	50	71.7	95.1	1.4	0.04	0.000*	---	1.83	0.015
9082	45377	68107	50	432.3	361.9	1.4	0.04	0.000*	---	6.22	15.605
9083	45378	68107	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
9084	45379	68107	50	78.3	100	1.4	0.04	0.000*	---	1.92	0.022
9085	45380	68107	50	211.5	198.5	1.4	0.04	0.000*	---	3.63	1.549
9086	45381	68107	50	68.7	92.8	1.4	0.04	0.000*	---	1.79	0.013
9087	45382	68107	50	399	337.2	1.4	0.04	0.000*	---	5.84	12.659
9088	45383	68107	50	32.8	66.3	1.4	0.04	0.000*	---	1.31	0.001

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9089	45384	68107	50	62.9	88.6	1.4	0.04	0.000*	---	1.71	0.009
9090	45385	68107	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
9091	45386	68107	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.885
9092	45387	68107	50	93.3	111	1.4	0.04	0.000*	---	2.12	0.048
9093	45389	68107	50	121.8	132.1	1.4	0.04	0.000*	---	2.49	0.154
9094	45390	68107	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246
9095	45391	68107	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
9096	45392	68107	50	141.3	146.5	1.4	0.04	0.000*	---	2.74	0.295
9097	45393	68107	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
9098	45394	68107	50	49	78.3	1.4	0.04	0.000*	---	1.53	0.003
9099	45395	68107	50	63.2	88.7	1.4	0.04	0.000*	---	1.72	0.009
9100	45397	68107	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
9101	45398	68107	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
9102	45399	68107	50	124.1	133.9	1.4	0.04	0.000*	---	2.52	0.168
9103	45400	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
9104	45401	68107	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
9105	45404	68107	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.09
9106	45405	68107	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
9107	45406	68107	50	71.3	94.7	1.4	0.04	0.000*	---	1.82	0.015
9108	45407	68107	50	51.3	79.9	1.4	0.04	0.000*	---	1.56	0.004
9109	45408	68107	50	68.7	92.9	1.4	0.04	0.000*	---	1.79	0.013
9110	45409	68107	50	108.3	122.2	1.4	0.04	0.000*	---	2.31	0.092
9111	45410	68107	50	141.2	146.5	1.4	0.04	0.000*	---	2.74	0.294
9112	45411	68107	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.531
9113	45412	68107	50	129	137.4	1.4	0.04	0.000*	---	2.58	0.199
9114	45413	68107	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
9115	45414	68107	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
9116	45415	68107	50	134.9	141.8	1.4	0.04	0.000*	---	2.66	0.242
9117	45416	68107	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
9118	45417	68107	50	119.9	130.8	1.4	0.04	0.000*	---	2.47	0.144
9119	45418	68107	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.012
9120	45419	68107	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
9121	45420	68107	50	261.5	235.5	1.4	0.04	0.000*	---	4.24	3.392
9122	45421	68107	50	40.1	71.7	1.4	0.04	0.000*	---	1.4	0.001
9123	45422	68107	50	232.5	214.1	1.4	0.04	0.000*	---	3.89	2.218
9124	45423	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
9125	45424	68107	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
9126	45425	68107	50	47.5	77.1	1.4	0.04	0.000*	---	1.5	0.003
9127	45426	68107	50	34.1	67.3	1.4	0.04	0.000*	---	1.32	0.001
9128	45427	68107	50	199.3	189.5	1.4	0.04	0.000*	---	3.48	1.228
9129	45428	68107	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.811
9130	45429	68107	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
9131	45430	68107	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
9132	45431	68107	50	131.8	139.6	1.4	0.04	0.000*	---	2.62	0.218
9133	45432	68107	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
9134	45433	68107	50	96.7	113.6	1.4	0.04	0.000*	---	2.16	0.056
9135	45434	68107	50	244.7	223.1	1.4	0.04	0.000*	---	4.04	2.675
9136	45435	68107	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
9137	45437	68107	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
9138	45438	68107	50	72.9	95.9	1.4	0.04	0.000*	---	1.85	0.016
9139	45439	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
9140	45440	68107	50	42.3	73.3	1.4	0.04	0.000*	---	1.43	0.002
9141	45442	68107	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.648
9142	45443	68107	50	69.4	93.3	1.4	0.04	0.000*	---	1.8	0.013
9143	45444	68107	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
9144	45445	68107	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
9145	45446	68107	50	83.6	103.8	1.4	0.04	0.000*	---	1.99	0.029
9146	45447	68107	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
9147	45448	68107	50	107.1	121.2	1.4	0.04	0.000*	---	2.3	0.088
9148	45450	68107	50	92.6	110.6	1.4	0.04	0.000*	---	2.11	0.046
9149	45451	68107	50	63.4	88.9	1.4	0.04	0.000*	---	1.72	0.009

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9150	45452	68107	50	39.4	71.1	1.4	0.04	0.000*	---	1.39	0.001
9151	45453	68107	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
9152	45454	68107	50	44.5	74.9	1.4	0.04	0.000*	---	1.46	0.002
9153	45455	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
9154	45456	68107	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
9155	45457	68107	50	167.6	166	1.4	0.04	0.000*	---	3.08	0.607
9156	45458	68107	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
9157	45459	68107	50	188.1	181.2	1.4	0.04	0.000*	---	3.34	0.974
9158	45460	68107	50	78.5	100.1	1.4	0.04	0.000*	---	1.92	0.022
9159	45461	68107	50	109	122.7	1.4	0.04	0.000*	---	2.32	0.095
9160	45462	68107	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.569
9161	45463	68107	50	93.2	110.9	1.4	0.04	0.000*	---	2.11	0.047
9162	45465	68107	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
9163	45466	68107	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
9164	45467	68107	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
9165	45469	68107	50	80.9	101.9	1.4	0.04	0.000*	---	1.95	0.025
9166	45470	68107	50	103.8	118.8	1.4	0.04	0.000*	---	2.25	0.076
9167	45471	68107	50	122	132.3	1.4	0.04	0.000*	---	2.49	0.156
9168	45472	68107	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
9169	45473	68107	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.823
9170	45474	68107	50	67.5	92	1.4	0.04	0.000*	---	1.77	0.012
9171	45475	68107	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
9172	45477	68107	50	151.8	154.4	1.4	0.04	0.000*	---	2.88	0.401
9173	45478	68107	50	129.5	137.8	1.4	0.04	0.000*	---	2.59	0.202
9174	45479	68107	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
9175	45480	68107	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
9176	45481	68107	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
9177	45484	68107	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.275
9178	45486	68107	50	107.4	121.4	1.4	0.04	0.000*	---	2.3	0.089
9179	45487	68107	50	335	289.9	1.4	0.04	0.000*	---	5.11	7.661
9180	45488	68107	50	537.7	439.9	1.4	0.04	0.000*	---	7.36	25.743
9181	45489	68107	50	925.2	726.7	1.4	0.04	0.000*	---	11.15	59.184
9182	45490	68107	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.053
9183	45492	68107	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
9184	45494	68107	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
9185	45495	68107	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
9186	45496	68107	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
9187	45497	68107	50	284	252.2	1.4	0.04	0.000*	---	4.51	4.509
9188	45499	68107	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.992
9189	45500	68107	50	67.1	91.7	1.4	0.04	0.000*	---	1.77	0.011
9190	45501	68107	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.678
9191	45502	68107	50	171.3	168.8	1.4	0.04	0.000*	---	3.12	0.666
9192	45503	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
9193	45504	68107	50	96.8	113.6	1.4	0.04	0.000*	---	2.16	0.056
9194	45506	68107	50	39.8	71.5	1.4	0.04	0.000*	---	1.4	0.001
9195	45507	68107	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
9196	45508	68107	50	116.8	128.4	1.4	0.04	0.000*	---	2.42	0.128
9197	45509	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
9198	45510	68107	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.006
9199	45511	68107	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
9200	45512	68107	50	93.7	111.4	1.4	0.04	0.000*	---	2.12	0.049
9201	45513	68107	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.234
9202	45514	68107	50	72.1	95.4	1.4	0.04	0.000*	---	1.84	0.016
9203	45515	68107	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
9204	45517	68107	50	245.3	223.6	1.4	0.04	0.000*	---	4.04	2.701
9205	45518	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
9206	45519	68107	50	254.5	230.3	1.4	0.04	0.000*	---	4.15	3.081
9207	45520	68107	50	70.2	93.9	1.4	0.04	0.000*	---	1.81	0.014
9208	45522	68107	50	58	84.9	1.4	0.04	0.000*	---	1.65	0.006
9209	45525	68107	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
9210	45526	68107	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9211	45527	68107	50	196.4	187.3	1.4	0.04	0.000*	---	3.44	1.157
9212	45528	68107	50	79.9	101.1	1.4	0.04	0.000*	---	1.94	0.024
9213	45529	68107	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
9214	45530	68107	50	33.9	67.1	1.4	0.04	0.000*	---	1.32	0.001
9215	45531	68107	50	173.7	170.5	1.4	0.04	0.000*	---	3.15	0.705
9216	45533	68107	50	122.8	132.9	1.4	0.04	0.000*	---	2.5	0.16
9217	45534	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.028
9218	45535	68107	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
9219	45537	68107	50	61.7	87.7	1.4	0.04	0.000*	---	1.7	0.008
9220	45538	68107	50	30.2	64.3	1.4	0.04	0.000*	---	1.27	0.001
9221	45539	68107	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
9222	45540	68107	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
9223	45541	68107	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.568
9224	45542	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
9225	45543	68107	50	79.9	101.2	1.4	0.04	0.000*	---	1.94	0.024
9226	45544	68107	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
9227	45545	68107	50	20.6	57.2	1.4	0.04	0.000*	---	1.14	0
9228	45546	68107	50	127.7	136.5	1.4	0.04	0.000*	---	2.57	0.19
9229	45548	68107	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
9230	45550	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
9231	45551	68107	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
9232	45552	68107	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
9233	45554	68107	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
9234	45556	68107	50	54.4	82.3	1.4	0.04	0.000*	---	1.6	0.005
9235	45557	68107	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
9236	45559	68107	50	59	85.6	1.4	0.04	0.000*	---	1.66	0.007
9237	45561	68107	50	84.9	104.9	1.4	0.04	0.000*	---	2.01	0.032
9238	45562	68107	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
9239	45563	68107	50	116.3	128.1	1.4	0.04	0.000*	---	2.42	0.126
9240	45564	68107	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
9241	45565	68107	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.089
9242	45566	68107	50	121.4	131.8	1.4	0.04	0.000*	---	2.48	0.152
9243	45567	68107	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.034
9244	45568	68107	50	138.8	144.7	1.4	0.04	0.000*	---	2.71	0.273
9245	45569	68107	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.627
9246	45572	68107	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
9247	45574	68107	50	78.1	99.8	1.4	0.04	0.000*	---	1.91	0.022
9248	45575	68107	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
9249	45576	68107	50	66.9	91.5	1.4	0.04	0.000*	---	1.77	0.011
9250	45577	68107	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.528
9251	45578	68107	50	105.9	120.3	1.4	0.04	0.000*	---	2.28	0.083
9252	45579	68107	50	169.7	167.6	1.4	0.04	0.000*	---	3.1	0.64
9253	45580	68107	50	90.9	109.3	1.4	0.04	0.000*	---	2.08	0.043
9254	45583	68107	50	58.6	85.4	1.4	0.04	0.000*	---	1.65	0.006
9255	45584	68107	50	54.8	82.5	1.4	0.04	0.000*	---	1.6	0.005
9256	45585	68107	50	151.3	153.9	1.4	0.04	0.000*	---	2.87	0.395
9257	45586	68107	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
9258	45587	68107	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
9259	45590	68107	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.141
9260	45591	68107	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
9261	45592	68107	50	87.8	106.9	1.4	0.04	0.000*	---	2.04	0.036
9262	45594	68107	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
9263	45595	68107	50	96.2	113.2	1.4	0.04	0.000*	---	2.15	0.055
9264	45597	68107	50	96.4	113.3	1.4	0.04	0.000*	---	2.16	0.055
9265	45598	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
9266	45599	68107	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.777
9267	45601	68107	50	44.5	74.9	1.4	0.04	0.000*	---	1.46	0.002
9268	45602	68107	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
9269	45604	68107	50	88.7	107.7	1.4	0.04	0.000*	---	2.06	0.038
9270	45605	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
9271	45606	68107	50	19.7	56.6	1.4	0.04	0.000*	---	1.13	0

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9272	45607	68107	50	85.8	105.5	1.4	0.04	0.000*	---	2.02	0.033
9273	45608	68107	50	299.6	263.7	1.4	0.04	0.000*	---	4.69	5.383
9274	45609	68107	50	33.5	66.8	1.4	0.04	0.000*	---	1.31	0.001
9275	45610	68107	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008
9276	45611	68107	50	61.3	87.3	1.4	0.04	0.000*	---	1.69	0.008
9277	45612	68107	50	24.6	60.2	1.4	0.04	0.000*	---	1.19	0
9278	45613	68107	50	77.7	99.5	1.4	0.04	0.000*	---	1.91	0.021
9279	45614	68107	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
9280	45618	68107	50	30.5	64.6	1.4	0.04	0.000*	---	1.27	0.001
9281	45619	68107	50	44.4	74.8	1.4	0.04	0.000*	---	1.46	0.002
9282	45620	68107	50	49	78.3	1.4	0.04	0.000*	---	1.53	0.003
9283	45621	68107	50	103.7	118.7	1.4	0.04	0.000*	---	2.25	0.076
9284	45622	68107	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
9285	45623	68107	50	67.8	92.2	1.4	0.04	0.000*	---	1.78	0.012
9286	45624	68107	50	78.6	100.1	1.4	0.04	0.000*	---	1.92	0.022
9287	45625	68107	50	188.7	181.6	1.4	0.04	0.000*	---	3.34	0.987
9288	45626	68107	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.366
9289	45627	68107	50	46.3	76.3	1.4	0.04	0.000*	---	1.49	0.003
9290	45629	68107	50	63.1	88.7	1.4	0.04	0.000*	---	1.72	0.009
9291	45630	68107	50	43.4	74.1	1.4	0.04	0.000*	---	1.45	0.002
9292	45631	68107	50	66.7	91.4	1.4	0.04	0.000*	---	1.76	0.011
9293	45633	68107	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
9294	45634	68107	50	63.7	89.1	1.4	0.04	0.000*	---	1.72	0.009
9295	45635	68107	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.026
9296	45636	68107	50	94.7	112.1	1.4	0.04	0.000*	---	2.13	0.051
9297	45637	68107	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
9298	45638	68107	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
9299	45639	68107	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
9300	45641	68107	50	54.9	82.6	1.4	0.04	0.000*	---	1.6	0.005
9301	45642	68107	50	240.9	220.3	1.4	0.04	0.000*	---	3.99	2.527
9302	45643	68107	50	47.6	77.2	1.4	0.04	0.000*	---	1.51	0.003
9303	45644	68107	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
9304	45645	68107	50	361.4	309.4	1.4	0.04	0.000*	---	5.42	9.604
9305	45646	68107	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
9306	45647	68107	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
9307	45648	68107	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
9308	45649	68107	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
9309	45652	68107	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
9310	45653	68107	50	159.8	160.2	1.4	0.04	0.000*	---	2.98	0.498
9311	45654	68107	50	32	65.7	1.4	0.04	0.000*	---	1.29	0.001
9312	45655	68107	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
9313	45656	68107	50	154.3	156.1	1.4	0.04	0.000*	---	2.91	0.429
9314	45658	68107	50	102.5	117.8	1.4	0.04	0.000*	---	2.24	0.072
9315	45659	68107	50	77.3	99.2	1.4	0.04	0.000*	---	1.91	0.021
9316	45660	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
9317	45661	68107	50	62.6	88.3	1.4	0.04	0.000*	---	1.71	0.009
9318	45662	68107	50	63.4	88.9	1.4	0.04	0.000*	---	1.72	0.009
9319	45663	68107	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.545
9320	45665	68107	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
9321	45666	68107	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
9322	45667	68107	50	102.5	117.9	1.4	0.04	0.000*	---	2.24	0.072
9323	45668	68107	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
9324	45669	68107	50	38.2	70.3	1.4	0.04	0.000*	---	1.38	0.001
9325	45670	68107	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
9326	45671	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
9327	45672	68107	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
9328	45673	68107	50	78.6	100.2	1.4	0.04	0.000*	---	1.92	0.023
9329	45674	68107	50	67.8	92.1	1.4	0.04	0.000*	---	1.78	0.012
9330	45675	68107	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
9331	45676	68107	50	208.7	196.4	1.4	0.04	0.000*	---	3.59	1.47
9332	45677	68107	50	301.1	264.8	1.4	0.04	0.000*	---	4.71	5.471

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9333	45678	68107	50	104.2	119.1	1.4	0.04	0.000*	---	2.26	0.078
9334	45679	68107	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
9335	45680	68107	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
9336	45681	68107	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.673
9337	45682	68107	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
9338	45683	68107	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
9339	45684	68107	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
9340	45685	68107	50	44.9	75.2	1.4	0.04	0.000*	---	1.47	0.002
9341	45686	68107	50	126	135.3	1.4	0.04	0.000*	---	2.54	0.18
9342	45688	68107	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.068
9343	45690	68107	50	55.9	83.4	1.4	0.04	0.000*	---	1.62	0.005
9344	45691	68107	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
9345	45692	68107	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.109
9346	45693	68107	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
9347	45695	68107	50	106.7	121	1.4	0.04	0.000*	---	2.29	0.086
9348	45696	68107	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
9349	45697	68107	50	47.6	77.2	1.4	0.04	0.000*	---	1.51	0.003
9350	45698	68107	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
9351	45699	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
9352	45700	68107	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
9353	45702	68107	50	65.5	90.5	1.4	0.04	0.000*	---	1.75	0.01
9354	45704	68107	50	103.6	118.6	1.4	0.04	0.000*	---	2.25	0.076
9355	45706	68107	50	54.8	82.6	1.4	0.04	0.000*	---	1.6	0.005
9356	45707	68107	50	60.3	86.7	1.4	0.04	0.000*	---	1.68	0.007
9357	45708	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
9358	45711	68107	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
9359	45712	68107	50	54.5	82.4	1.4	0.04	0.000*	---	1.6	0.005
9360	45713	68107	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
9361	45714	68107	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
9362	45715	68107	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
9363	45716	68107	50	89.7	108.3	1.4	0.04	0.000*	---	2.07	0.04
9364	45718	68107	50	37	69.4	1.4	0.04	0.000*	---	1.36	0.001
9365	45719	68107	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
9366	45720	68107	50	94.5	111.9	1.4	0.04	0.000*	---	2.13	0.05
9367	45721	68107	50	77.9	99.7	1.4	0.04	0.000*	---	1.91	0.022
9368	45722	68107	50	126.9	135.9	1.4	0.04	0.000*	---	2.56	0.185
9369	45723	68107	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
9370	45724	68107	50	169.9	167.8	1.4	0.04	0.000*	---	3.11	0.644
9371	45725	68107	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
9372	45726	68107	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
9373	45727	68107	50	156.4	157.7	1.4	0.04	0.000*	---	2.93	0.454
9374	45728	68107	50	212.8	199.5	1.4	0.04	0.000*	---	3.64	1.585
9375	45729	68107	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
9376	45730	68107	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
9377	45731	68107	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039
9378	45732	68107	50	69.9	93.7	1.4	0.04	0.000*	---	1.81	0.014
9379	45734	68107	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
9380	45735	68107	50	143.7	148.3	1.4	0.04	0.000*	---	2.77	0.317
9381	45736	68107	50	94	111.6	1.4	0.04	0.000*	---	2.13	0.049
9382	45737	68107	50	66.5	91.2	1.4	0.04	0.000*	---	1.76	0.011
9383	45738	68107	50	115.2	127.3	1.4	0.04	0.000*	---	2.4	0.121
9384	45739	68107	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
9385	45740	68107	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
9386	45741	68107	50	138.5	144.5	1.4	0.04	0.000*	---	2.71	0.271
9387	45742	68107	50	50	79	1.4	0.04	0.000*	---	1.54	0.003
9388	45743	68107	50	43.2	74	1.4	0.04	0.000*	---	1.45	0.002
9389	45744	68107	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
9390	45746	68107	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
9391	45747	68107	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
9392	45749	68107	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
9393	45750	68107	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9394	45751	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
9395	45752	68107	50	118.6	129.7	1.4	0.04	0.000*	---	2.45	0.137
9396	45753	68107	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49
9397	45754	68107	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
9398	45756	68107	50	138.8	144.7	1.4	0.04	0.000*	---	2.71	0.273
9399	45757	68107	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
9400	45759	68107	50	257	232.2	1.4	0.04	0.000*	---	4.18	3.189
9401	45760	68107	50	50.4	79.3	1.4	0.04	0.000*	---	1.54	0.004
9402	45761	68107	50	65.1	90.1	1.4	0.04	0.000*	---	1.74	0.01
9403	45762	68107	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.16
9404	45763	68107	50	133.4	140.7	1.4	0.04	0.000*	---	2.64	0.23
9405	45764	68107	50	162.4	162.1	1.4	0.04	0.000*	---	3.01	0.532
9406	45765	68107	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
9407	45766	68107	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.197
9408	45767	68107	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
9409	45768	68107	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
9410	45769	68107	50	108.5	122.3	1.4	0.04	0.000*	---	2.32	0.093
9411	45770	68107	50	74.9	97.4	1.4	0.04	0.000*	---	1.87	0.018
9412	45771	68107	50	105.9	120.3	1.4	0.04	0.000*	---	2.28	0.083
9413	45772	68107	50	50.3	79.2	1.4	0.04	0.000*	---	1.54	0.004
9414	45773	68107	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
9415	45775	68107	50	80.9	101.9	1.4	0.04	0.000*	---	1.95	0.026
9416	45776	68107	50	30.7	64.7	1.4	0.04	0.000*	---	1.28	0.001
9417	45779	68107	50	109.1	122.8	1.4	0.04	0.000*	---	2.32	0.095
9418	45780	68107	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
9419	45781	68107	50	185.6	179.4	1.4	0.04	0.000*	---	3.3	0.924
9420	45782	68107	50	40.7	72.2	1.4	0.04	0.000*	---	1.41	0.002
9421	45783	68107	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
9422	45785	68107	50	54.6	82.4	1.4	0.04	0.000*	---	1.6	0.005
9423	45786	68107	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
9424	45787	68107	50	119.4	130.3	1.4	0.04	0.000*	---	2.46	0.141
9425	45788	68107	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
9426	45789	68107	50	102.2	117.6	1.4	0.04	0.000*	---	2.23	0.071
9427	45790	68107	50	73.7	96.6	1.4	0.04	0.000*	---	1.86	0.017
9428	45791	68107	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
9429	45792	68107	50	80.7	101.8	1.4	0.04	0.000*	---	1.95	0.025
9430	45793	68107	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
9431	45794	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
9432	45795	68107	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.065
9433	45797	68107	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
9434	45798	68107	50	277.6	247.4	1.4	0.04	0.000*	---	4.43	4.173
9435	45799	68107	50	120.5	131.2	1.4	0.04	0.000*	---	2.47	0.148
9436	45800	68107	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
9437	45801	68107	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
9438	45802	68107	50	64.5	89.7	1.4	0.04	0.000*	---	1.73	0.01
9439	45803	68107	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
9440	45804	68107	50	50.3	79.2	1.4	0.04	0.000*	---	1.54	0.003
9441	45805	68107	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.845
9442	45806	68107	50	95.2	112.5	1.4	0.04	0.000*	---	2.14	0.052
9443	45807	68107	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
9444	45808	68107	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
9445	45809	68107	50	70.9	94.5	1.4	0.04	0.000*	---	1.82	0.014
9446	45810	68107	50	129.4	137.8	1.4	0.04	0.000*	---	2.59	0.202
9447	45811	68107	50	103.6	118.7	1.4	0.04	0.000*	---	2.25	0.076
9448	45812	68107	50	209.2	196.8	1.4	0.04	0.000*	---	3.6	1.483
9449	45813	68107	50	131.9	139.6	1.4	0.04	0.000*	---	2.62	0.219
9450	45814	68107	50	74	96.8	1.4	0.04	0.000*	---	1.86	0.017
9451	45815	68107	50	64.3	89.6	1.4	0.04	0.000*	---	1.73	0.01
9452	45817	68107	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
9453	45818	68107	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.039
9454	45820	68107	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.024

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9455	45821	68107	50	169.4	167.3	1.4	0.04	0.000*	---	3.1	0.635
9456	45822	68107	50	96.2	113.2	1.4	0.04	0.000*	---	2.16	0.055
9457	45823	68107	50	109.2	122.8	1.4	0.04	0.000*	---	2.33	0.096
9458	45824	68107	50	110.1	123.4	1.4	0.04	0.000*	---	2.34	0.099
9459	45825	68107	50	107	121.2	1.4	0.04	0.000*	---	2.3	0.087
9460	45826	68107	50	231	212.9	1.4	0.04	0.000*	---	3.87	2.163
9461	45827	68107	50	286.4	253.9	1.4	0.04	0.000*	---	4.54	4.639
9462	45829	68107	50	62.6	88.3	1.4	0.04	0.000*	---	1.71	0.009
9463	45831	68107	50	31.4	65.3	1.4	0.04	0.000*	---	1.29	0.001
9464	45832	68107	50	229.9	212.1	1.4	0.04	0.000*	---	3.85	2.126
9465	45833	68107	50	139.7	145.4	1.4	0.04	0.000*	---	2.72	0.28
9466	45834	68107	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
9467	45835	68107	50	180.8	175.8	1.4	0.04	0.000*	---	3.24	0.83
9468	45836	68107	50	192.5	184.5	1.4	0.04	0.000*	---	3.39	1.07
9469	45837	68107	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
9470	45838	68107	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.609
9471	45840	68107	50	89.1	107.9	1.4	0.04	0.000*	---	2.06	0.039
9472	45841	68107	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
9473	45842	68107	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
9474	45843	68107	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
9475	45844	68107	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
9476	45845	68107	50	99.4	115.5	1.4	0.04	0.000*	---	2.2	0.063
9477	45846	68107	50	64.3	89.6	1.4	0.04	0.000*	---	1.73	0.01
9478	45847	68107	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
9479	45848	68107	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041
9480	45849	68107	50	134.8	141.7	1.4	0.04	0.000*	---	2.66	0.24
9481	45850	68107	50	60.8	87	1.4	0.04	0.000*	---	1.68	0.008
9482	45851	68107	50	56.4	83.7	1.4	0.04	0.000*	---	1.62	0.006
9483	45852	68107	50	187.8	180.9	1.4	0.04	0.000*	---	3.33	0.968
9484	45853	68107	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
9485	45854	68107	50	88.2	107.3	1.4	0.04	0.000*	---	2.05	0.037
9486	45855	68107	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
9487	45856	68107	50	71.4	94.8	1.4	0.04	0.000*	---	1.83	0.015
9488	45857	68107	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
9489	45858	68107	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
9490	45860	68107	50	104.7	119.5	1.4	0.04	0.000*	---	2.27	0.079
9491	45861	68107	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
9492	45862	68107	50	521.8	428.1	1.4	0.04	0.000*	---	7.19	24.169
9493	45864	68107	50	132.9	140.4	1.4	0.04	0.000*	---	2.63	0.227
9494	45865	68107	50	109.8	123.3	1.4	0.04	0.000*	---	2.33	0.098
9495	45866	68107	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
9496	45867	68107	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.004
9497	45868	68107	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.352
9498	45869	68107	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
9499	45870	68107	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.751
9500	45871	68107	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
9501	45872	68107	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
9502	45873	68107	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
9503	45876	68107	50	136.9	143.4	1.4	0.04	0.000*	---	2.69	0.258
9504	45877	68107	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
9505	45878	68107	50	80.1	101.3	1.4	0.04	0.000*	---	1.94	0.024
9506	45879	68107	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
9507	45880	68107	50	100.8	116.6	1.4	0.04	0.000*	---	2.21	0.067
9508	45882	68107	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
9509	45883	68107	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
9510	45884	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
9511	45886	68107	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
9512	45887	68107	50	142.8	147.6	1.4	0.04	0.000*	---	2.76	0.308
9513	45888	68107	50	68.3	92.6	1.4	0.04	0.000*	---	1.78	0.012
9514	45889	68107	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
9515	45890	68107	50	38.3	70.3	1.4	0.04	0.000*	---	1.38	0.001

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9516	45891	68107	50	250	227	1.4	0.04	0.000*	---	4.1	2.892
9517	45892	68107	50	40.9	72.3	1.4	0.04	0.000*	---	1.42	0.002
9518	45893	68107	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
9519	45894	68107	50	67.5	92	1.4	0.04	0.000*	---	1.77	0.012
9520	45895	68107	50	94.1	111.7	1.4	0.04	0.000*	---	2.13	0.05
9521	45897	68107	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.138
9522	45898	68107	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
9523	45899	68107	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041
9524	45900	68107	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
9525	45901	68107	50	81.8	102.5	1.4	0.04	0.000*	---	1.96	0.027
9526	45902	68107	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.132
9527	45903	68107	50	321.3	279.8	1.4	0.04	0.000*	---	4.95	6.737
9528	45905	68107	50	93.6	111.2	1.4	0.04	0.000*	---	2.12	0.048
9529	45906	68107	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
9530	45907	68107	50	122.8	132.8	1.4	0.04	0.000*	---	2.5	0.16
9531	45909	68107	50	55.3	82.9	1.4	0.04	0.000*	---	1.61	0.005
9532	45910	68107	50	151.5	154.1	1.4	0.04	0.000*	---	2.87	0.398
9533	45912	68107	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
9534	45913	68107	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
9535	45914	68107	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017
9536	45915	68107	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
9537	45916	68107	50	63.5	89	1.4	0.04	0.000*	---	1.72	0.009
9538	45920	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
9539	45921	68107	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
9540	45923	68107	50	76.4	98.6	1.4	0.04	0.000*	---	1.89	0.02
9541	45924	68107	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
9542	45925	68107	50	170.2	168	1.4	0.04	0.000*	---	3.11	0.648
9543	45926	68107	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
9544	45927	68107	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
9545	45928	68107	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
9546	45930	68107	50	54.4	82.3	1.4	0.04	0.000*	---	1.6	0.005
9547	45932	68107	50	170.9	168.5	1.4	0.04	0.000*	---	3.12	0.659
9548	45937	68107	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
9549	45940	68107	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
9550	45941	68107	50	185.5	179.3	1.4	0.04	0.000*	---	3.3	0.922
9551	45942	68107	50	183.3	177.7	1.4	0.04	0.000*	---	3.28	0.879
9552	45943	68107	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
9553	45945	68107	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
9554	45946	68107	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
9555	45947	68107	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
9556	45949	68107	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
9557	45950	68107	50	143.9	148.5	1.4	0.04	0.000*	---	2.77	0.319
9558	45952	68107	50	124.1	133.9	1.4	0.04	0.000*	---	2.52	0.168
9559	45953	68107	50	305.8	268.3	1.4	0.04	0.000*	---	4.77	5.755
9560	45954	68107	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.915
9561	45955	68107	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
9562	45957	68107	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
9563	45958	68107	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
9564	45959	68107	50	165.6	164.5	1.4	0.04	0.000*	---	3.05	0.578
9565	45960	68107	50	77.2	99.2	1.4	0.04	0.000*	---	1.9	0.021
9566	45961	68107	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
9567	45962	68107	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
9568	45963	68107	50	71.3	94.7	1.4	0.04	0.000*	---	1.82	0.015
9569	45966	68107	50	189.5	182.2	1.4	0.04	0.000*	---	3.35	1.004
9570	45967	68107	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064
9571	45968	68107	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.935
9572	45969	68107	50	178.6	174.2	1.4	0.04	0.000*	---	3.22	0.79
9573	45970	68107	50	132	139.7	1.4	0.04	0.000*	---	2.62	0.22
9574	45971	68107	50	330.6	286.7	1.4	0.04	0.000*	---	5.06	7.362
9575	45972	68107	50	59.1	85.7	1.4	0.04	0.000*	---	1.66	0.007
9576	45973	68107	50	239	218.9	1.4	0.04	0.000*	---	3.97	2.455

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9577	45974	68107	50	549.6	448.7	1.4	0.04	0.000*	---	7.49	26.925
9578	45976	68107	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
9579	45977	68107	50	134.4	141.5	1.4	0.04	0.000*	---	2.65	0.238
9580	45979	68107	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
9581	45982	68107	50	100.5	116.3	1.4	0.04	0.000*	---	2.21	0.066
9582	45983	68107	50	1022	798.3	1.4	0.04	0.000*	---	12.01	65.18
9583	45984	68107	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.488
9584	45986	68107	50	135.7	142.4	1.4	0.04	0.000*	---	2.67	0.248
9585	45987	68107	50	116.5	128.2	1.4	0.04	0.000*	---	2.42	0.127
9586	45988	68107	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
9587	45989	68107	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
9588	45990	68107	50	123.3	133.2	1.4	0.04	0.000*	---	2.51	0.163
9589	45991	68107	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
9590	45992	68107	50	384.2	326.3	1.4	0.04	0.000*	---	5.68	11.425
9591	45993	68107	50	40.9	72.3	1.4	0.04	0.000*	---	1.42	0.002
9592	45994	68107	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
9593	45995	68107	50	100.9	116.6	1.4	0.04	0.000*	---	2.22	0.067
9594	45996	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
9595	45998	68107	50	64.8	89.9	1.4	0.04	0.000*	---	1.74	0.01
9596	45999	68107	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
9597	46000	68107	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.875
9598	46001	68107	50	158.6	159.3	1.4	0.04	0.000*	---	2.96	0.482
9599	46004	68107	50	146.6	150.5	1.4	0.04	0.000*	---	2.81	0.346
9600	46005	68107	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.079
9601	46006	68107	50	63.3	88.9	1.4	0.04	0.000*	---	1.72	0.009
9602	46007	68107	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.512
9603	46008	68107	50	325.3	282.8	1.4	0.04	0.000*	---	5	7.004
9604	46012	68107	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.225
9605	46016	68107	50	282.7	251.2	1.4	0.04	0.000*	---	4.49	4.44
9606	46017	68107	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.028
9607	46020	68107	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
9608	46021	68107	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.821
9609	46022	68107	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.964
9610	46023	68107	50	64.4	89.6	1.4	0.04	0.000*	---	1.73	0.01
9611	46025	68107	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.492
9612	46026	68107	50	73.6	96.4	1.4	0.04	0.000*	---	1.85	0.017
9613	46028	68107	50	85.3	105.2	1.4	0.04	0.000*	---	2.01	0.032
9614	46029	68107	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
9615	46030	68107	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
9616	46031	68107	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
9617	46032	68107	50	209.7	197.2	1.4	0.04	0.000*	---	3.61	1.498
9618	46033	68107	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
9619	46035	68107	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.731
9620	46036	68107	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.181
9621	46037	68107	50	237.1	217.5	1.4	0.04	0.000*	---	3.94	2.385
9622	46039	68107	50	52.9	81.2	1.4	0.04	0.000*	---	1.58	0.004
9623	46041	68107	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.062
9624	46042	68107	50	78.5	100.1	1.4	0.04	0.000*	---	1.92	0.022
9625	46045	68107	50	213.2	199.8	1.4	0.04	0.000*	---	3.65	1.597
9626	46047	68107	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
9627	46048	68107	50	156.4	157.7	1.4	0.04	0.000*	---	2.93	0.454
9628	46049	68107	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
9629	46050	68107	50	72.8	95.8	1.4	0.04	0.000*	---	1.84	0.016
9630	46051	68107	50	246	224	1.4	0.04	0.000*	---	4.05	2.726
9631	46052	68107	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
9632	46053	68107	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
9633	46058	68107	50	219.9	204.7	1.4	0.04	0.000*	---	3.73	1.797
9634	46059	68107	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
9635	46060	68107	50	87.8	107	1.4	0.04	0.000*	---	2.04	0.036
9636	46061	68107	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
9637	46063	68107	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.14

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9638	46066	68107	50	39.7	71.4	1.4	0.04	0.000*	---	1.4	0.001
9639	46067	68107	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
9640	46070	68107	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
9641	46071	68107	50	73.2	96.2	1.4	0.04	0.000*	---	1.85	0.017
9642	46073	68107	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.343
9643	46074	68107	50	242.4	221.4	1.4	0.04	0.000*	---	4.01	2.584
9644	46075	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
9645	46077	68107	50	66.5	91.2	1.4	0.04	0.000*	---	1.76	0.011
9646	46078	68107	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
9647	46080	68107	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.138
9648	46082	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
9649	46083	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
9650	46085	68107	50	80.6	101.7	1.4	0.04	0.000*	---	1.95	0.025
9651	46086	68107	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.81
9652	46087	68107	50	233.7	215	1.4	0.04	0.000*	---	3.9	2.261
9653	46088	68107	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041
9654	46089	68107	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
9655	46090	68107	50	402.7	340	1.4	0.04	0.000*	---	5.89	12.982
9656	46091	68107	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
9657	46093	68107	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
9658	46094	68107	50	92.8	110.7	1.4	0.04	0.000*	---	2.11	0.047
9659	46095	68107	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
9660	46097	68107	50	81.8	102.6	1.4	0.04	0.000*	---	1.97	0.027
9661	46098	68107	50	136.3	142.8	1.4	0.04	0.000*	---	2.68	0.252
9662	46099	68107	50	58.9	85.6	1.4	0.04	0.000*	---	1.66	0.007
9663	46102	68107	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
9664	46103	68107	50	217	202.6	1.4	0.04	0.000*	---	3.7	1.708
9665	46104	68107	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.332
9666	46107	68107	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.722
9667	46108	68107	50	344.4	296.9	1.4	0.04	0.000*	---	5.22	8.335
9668	46109	68107	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
9669	46110	68107	50	205.9	194.3	1.4	0.04	0.000*	---	3.56	1.393
9670	46111	68107	50	162.7	162.4	1.4	0.04	0.000*	---	3.01	0.537
9671	46112	68107	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
9672	46113	68107	50	82.8	103.2	1.4	0.04	0.000*	---	1.98	0.028
9673	46115	68107	50	96.7	113.6	1.4	0.04	0.000*	---	2.16	0.056
9674	46116	68107	50	133.8	141	1.4	0.04	0.000*	---	2.65	0.233
9675	46117	68107	50	359.5	308	1.4	0.04	0.000*	---	5.39	9.459
9676	46118	68107	50	170.9	168.5	1.4	0.04	0.000*	---	3.12	0.66
9677	46120	68107	50	131.7	139.5	1.4	0.04	0.000*	---	2.62	0.218
9678	46121	68107	50	128.4	137	1.4	0.04	0.000*	---	2.58	0.195
9679	46122	68107	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
9680	46124	68107	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.538
9681	46125	68107	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
9682	46127	68107	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
9683	46128	68107	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
9684	46130	68107	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
9685	46131	68107	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.378
9686	46132	68107	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
9687	46133	68107	50	103.8	118.8	1.4	0.04	0.000*	---	2.25	0.076
9688	46134	68107	50	616.1	497.9	1.4	0.04	0.000*	---	8.18	33.457
9689	46135	68107	50	87	106.3	1.4	0.04	0.000*	---	2.03	0.035
9690	46136	68107	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
9691	46137	68107	50	298.3	262.7	1.4	0.04	0.000*	---	4.68	5.307
9692	46139	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
9693	46140	68107	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
9694	46142	68107	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.615
9695	46144	68107	50	423.8	355.6	1.4	0.04	0.000*	---	6.12	14.84
9696	46145	68107	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
9697	46147	68107	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
9698	46148	68107	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006

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GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9699	46149	68107	50	49.1	78.3	1.4	0.04	0.000*	---	1.53	0.003
9700	46150	68107	50	74.3	96.9	1.4	0.04	0.000*	---	1.86	0.018
9701	46151	68107	50	253.9	229.9	1.4	0.04	0.000*	---	4.15	3.053
9702	46152	68107	50	79	100.5	1.4	0.04	0.000*	---	1.93	0.023
9703	46153	68107	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.619
9704	46154	68107	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
9705	46155	68107	50	64.9	90.1	1.4	0.04	0.000*	---	1.74	0.01
9706	46157	68107	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
9707	46159	68107	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
9708	46160	68107	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
9709	46161	68107	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
9710	46163	68107	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
9711	46164	68107	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
9712	46165	68107	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
9713	46166	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
9714	46167	68107	50	145.6	149.7	1.4	0.04	0.000*	---	2.8	0.335
9715	46168	68107	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
9716	46169	68107	50	202.8	192.1	1.4	0.04	0.000*	---	3.52	1.315
9717	46170	68107	50	184.3	178.4	1.4	0.04	0.000*	---	3.29	0.897
9718	46171	68107	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.103
9719	46172	68107	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.942
9720	46174	68107	50	138.5	144.5	1.4	0.04	0.000*	---	2.71	0.27
9721	46175	68107	50	159.3	159.9	1.4	0.04	0.000*	---	2.97	0.492
9722	46177	68107	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.327
9723	46178	68107	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.848
9724	46179	68107	50	114	126.3	1.4	0.04	0.000*	---	2.39	0.115
9725	46180	68107	50	354.8	304.5	1.4	0.04	0.000*	---	5.34	9.098
9726	46181	68107	50	193.3	185.1	1.4	0.04	0.000*	---	3.4	1.088
9727	46183	68107	50	321	279.5	1.4	0.04	0.000*	---	4.95	6.717
9728	46184	68107	50	141.3	146.5	1.4	0.04	0.000*	---	2.74	0.295
9729	46185	68107	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
9730	46186	68107	50	30.8	64.8	1.4	0.04	0.000*	---	1.28	0.001
9731	46187	68107	50	310.3	271.6	1.4	0.04	0.000*	---	4.82	6.031
9732	46189	68107	50	364.1	311.4	1.4	0.04	0.000*	---	5.45	9.812
9733	46190	68107	50	150.1	153	1.4	0.04	0.000*	---	2.85	0.382
9734	46191	68107	50	45.3	75.5	1.4	0.04	0.000*	---	1.48	0.002
9735	46192	68107	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.778
9736	46193	68107	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
9737	46195	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
9738	46196	68107	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
9739	46197	68107	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
9740	46198	68107	50	164.7	163.9	1.4	0.04	0.000*	---	3.04	0.565
9741	46201	68107	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.821
9742	46203	68107	50	133.4	140.7	1.4	0.04	0.000*	---	2.64	0.23
9743	46204	68107	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
9744	46207	68107	50	132.5	140.1	1.4	0.04	0.000*	---	2.63	0.224
9745	46209	68107	50	236.1	216.7	1.4	0.04	0.000*	---	3.93	2.345
9746	46210	68107	50	227.9	210.6	1.4	0.04	0.000*	---	3.83	2.056
9747	46211	68107	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
9748	46212	68107	50	200.6	190.4	1.4	0.04	0.000*	---	3.49	1.258
9749	46213	68107	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
9750	46214	68107	50	106.4	120.8	1.4	0.04	0.000*	---	2.29	0.085
9751	46215	68107	50	384.7	326.7	1.4	0.04	0.000*	---	5.68	11.461
9752	46217	68107	50	139.7	145.4	1.4	0.04	0.000*	---	2.72	0.281
9753	46218	68107	50	262.8	236.5	1.4	0.04	0.000*	---	4.25	3.452
9754	46219	68107	50	392.2	332.2	1.4	0.04	0.000*	---	5.77	12.089
9755	46221	68107	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.461
9756	46222	68107	50	124.9	134.4	1.4	0.04	0.000*	---	2.53	0.172
9757	46224	68107	50	98.7	115	1.4	0.04	0.000*	---	2.19	0.061
9758	46225	68107	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
9759	46226	68107	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9760	46227	68107	50	500	412	1.4	0.04	0.000*	---	6.96	22.038
9761	46228	68107	50	285.3	253.1	1.4	0.04	0.000*	---	4.53	4.579
9762	46229	68107	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
9763	46231	68107	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.604
9764	46232	68107	50	67.1	91.7	1.4	0.04	0.000*	---	1.77	0.011
9765	46233	68107	50	80.1	101.3	1.4	0.04	0.000*	---	1.94	0.024
9766	46234	68107	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.337
9767	46235	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
9768	46237	68107	50	110.5	123.8	1.4	0.04	0.000*	---	2.34	0.101
9769	46238	68107	50	351.5	302.1	1.4	0.04	0.000*	---	5.3	8.852
9770	46240	68107	50	126.7	135.7	1.4	0.04	0.000*	---	2.55	0.184
9771	46241	68107	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.335
9772	46242	68107	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.37
9773	46244	68107	50	230.3	212.4	1.4	0.04	0.000*	---	3.86	2.14
9774	46245	68107	50	340.3	293.8	1.4	0.04	0.000*	---	5.17	8.04
9775	46246	68107	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
9776	46247	68107	50	97.5	114.2	1.4	0.04	0.000*	---	2.17	0.058
9777	46248	68107	50	313.1	273.7	1.4	0.04	0.000*	---	4.85	6.205
9778	46250	68107	50	104	118.9	1.4	0.04	0.000*	---	2.26	0.077
9779	46252	68107	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.844
9780	46253	68107	50	116.6	128.3	1.4	0.04	0.000*	---	2.42	0.128
9781	46254	68107	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
9782	46255	68107	50	112.9	125.5	1.4	0.04	0.000*	---	2.37	0.111
9783	46256	68107	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.112
9784	46258	68107	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
9785	46260	68107	50	289.4	256.2	1.4	0.04	0.000*	---	4.57	4.805
9786	46266	68107	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193
9787	46268	68107	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
9788	46269	68107	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
9789	46270	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
9790	46272	68107	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
9791	46274	68107	50	68.2	92.4	1.4	0.04	0.000*	---	1.78	0.012
9792	46275	68107	50	124.8	134.4	1.4	0.04	0.000*	---	2.53	0.172
9793	46276	68107	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.225
9794	46278	68107	50	89.1	107.9	1.4	0.04	0.000*	---	2.06	0.039
9795	46279	68107	50	93.4	111.2	1.4	0.04	0.000*	---	2.12	0.048
9796	46280	68107	50	123.4	133.3	1.4	0.04	0.000*	---	2.51	0.164
9797	46281	68107	50	85	104.9	1.4	0.04	0.000*	---	2.01	0.032
9798	46282	68107	50	128.6	137.1	1.4	0.04	0.000*	---	2.58	0.196
9799	46283	68107	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
9800	46284	68107	50	86.7	106.2	1.4	0.04	0.000*	---	2.03	0.035
9801	46285	68107	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.717
9802	46286	68107	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.519
9803	46290	68107	50	204.9	193.6	1.4	0.04	0.000*	---	3.55	1.369
9804	46292	68107	50	262.3	236.1	1.4	0.04	0.000*	---	4.25	3.429
9805	46293	68107	50	108.4	122.2	1.4	0.04	0.000*	---	2.32	0.093
9806	46294	68107	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.284
9807	46296	68107	50	178.4	174.1	1.4	0.04	0.000*	---	3.21	0.787
9808	46297	68107	50	121.4	131.9	1.4	0.04	0.000*	---	2.48	0.152
9809	46298	68107	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.113
9810	46301	68107	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
9811	46302	68107	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.337
9812	46303	68107	50	797.7	632.3	1.4	0.04	0.000*	---	9.97	49.758
9813	46304	68107	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.598
9814	46305	68107	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.033
9815	46306	68107	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
9816	46307	68107	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
9817	46310	68107	50	127	136	1.4	0.04	0.000*	---	2.56	0.185
9818	46312	68107	50	103.1	118.3	1.4	0.04	0.000*	---	2.25	0.074
9819	46314	68107	50	159.1	159.8	1.4	0.04	0.000*	---	2.97	0.49
9820	46315	68107	50	182.1	176.7	1.4	0.04	0.000*	---	3.26	0.855

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9821	46316	68107	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
9822	46317	68107	50	131	138.9	1.4	0.04	0.000*	---	2.61	0.213
9823	46318	68107	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
9824	46320	68107	50	147.5	151.2	1.4	0.04	0.000*	---	2.82	0.355
9825	46321	68107	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.698
9826	46323	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
9827	46325	68107	50	89.4	108.2	1.4	0.04	0.000*	---	2.07	0.04
9828	46327	68107	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
9829	46330	68107	50	213.3	199.9	1.4	0.04	0.000*	---	3.65	1.6
9830	46331	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
9831	46332	68107	50	60.2	86.5	1.4	0.04	0.000*	---	1.68	0.007
9832	46333	68107	50	245.9	224	1.4	0.04	0.000*	---	4.05	2.724
9833	46335	68107	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
9834	46336	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
9835	46339	68107	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
9836	46340	68107	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.292
9837	46341	68107	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
9838	46342	68107	50	577.8	469.5	1.4	0.04	0.000*	---	7.78	29.704
9839	46343	68107	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
9840	46344	68107	50	127.8	136.6	1.4	0.04	0.000*	---	2.57	0.191
9841	46345	68107	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
9842	46346	68107	50	54.8	82.6	1.4	0.04	0.000*	---	1.6	0.005
9843	46347	68107	50	281.8	250.5	1.4	0.04	0.000*	---	4.48	4.391
9844	46348	68107	50	113.6	126.1	1.4	0.04	0.000*	---	2.38	0.114
9845	46349	68107	50	541.5	442.7	1.4	0.04	0.000*	---	7.4	26.117
9846	46350	68107	50	259.5	234.1	1.4	0.04	0.000*	---	4.22	3.303
9847	46351	68107	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.106
9848	46352	68107	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
9849	46354	68107	50	205.5	194.1	1.4	0.04	0.000*	---	3.55	1.383
9850	46355	68107	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.373
9851	46356	68107	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.544
9852	46357	68107	50	283.6	251.8	1.4	0.04	0.000*	---	4.5	4.485
9853	46358	68107	50	138.6	144.5	1.4	0.04	0.000*	---	2.71	0.271
9854	46359	68107	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.252
9855	46361	68107	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
9856	46363	68107	50	88.7	107.6	1.4	0.04	0.000*	---	2.06	0.038
9857	46364	68107	50	123.3	133.2	1.4	0.04	0.000*	---	2.51	0.163
9858	46365	68107	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
9859	46366	68107	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
9860	46367	68107	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.889
9861	46368	68107	50	119.3	130.3	1.4	0.04	0.000*	---	2.46	0.141
9862	46369	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
9863	46370	68107	50	68.3	92.6	1.4	0.04	0.000*	---	1.79	0.012
9864	46371	68107	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
9865	46372	68107	50	196.6	187.4	1.4	0.04	0.000*	---	3.44	1.162
9866	46373	68107	50	123	133	1.4	0.04	0.000*	---	2.5	0.161
9867	46376	68107	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.67
9868	46378	68107	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
9869	46379	68107	50	105.6	120.1	1.4	0.04	0.000*	---	2.28	0.082
9870	46380	68107	50	45.3	75.5	1.4	0.04	0.000*	---	1.47	0.002
9871	46381	68107	50	124.7	134.2	1.4	0.04	0.000*	---	2.53	0.171
9872	46383	68107	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.325
9873	46384	68107	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
9874	46385	68107	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
9875	46387	68107	50	159.6	160.1	1.4	0.04	0.000*	---	2.98	0.496
9876	46388	68107	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.334
9877	46389	68107	50	176.3	172.4	1.4	0.04	0.000*	---	3.19	0.748
9878	46390	68107	50	125.6	135	1.4	0.04	0.000*	---	2.54	0.177
9879	46391	68107	50	78.1	99.8	1.4	0.04	0.000*	---	1.92	0.022
9880	46393	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
9881	46396	68107	50	272.6	243.7	1.4	0.04	0.000*	---	4.37	3.919

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Run Mode: Research

* : signify default values used in place of missing input data.
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9882	46397	68107	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
9883	46398	68107	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.488
9884	46399	68107	50	204.1	193.1	1.4	0.04	0.000*	---	3.54	1.348
9885	46400	68107	50	110.9	124.1	1.4	0.04	0.000*	---	2.35	0.102
9886	46401	68107	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.349
9887	46402	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
9888	46403	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
9889	46404	68107	50	301.8	265.3	1.4	0.04	0.000*	---	4.72	5.514
9890	46405	68107	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
9891	46406	68107	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.088
9892	46407	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
9893	46408	68107	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
9894	46409	68107	50	92.9	110.7	1.4	0.04	0.000*	---	2.11	0.047
9895	46410	68107	50	274.9	245.5	1.4	0.04	0.000*	---	4.4	4.038
9896	46411	68107	50	90.9	109.3	1.4	0.04	0.000*	---	2.09	0.043
9897	46412	68107	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
9898	46418	68107	50	167.9	166.3	1.4	0.04	0.000*	---	3.08	0.612
9899	46419	68107	50	318.1	277.4	1.4	0.04	0.000*	---	4.91	6.526
9900	46421	68107	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.974
9901	46422	68107	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
9902	46423	68107	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
9903	46424	68107	50	179.7	175	1.4	0.04	0.000*	---	3.23	0.811
9904	46425	68107	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
9905	46426	68107	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.532
9906	46427	68107	50	309.8	271.3	1.4	0.04	0.000*	---	4.82	6.001
9907	46428	68107	50	302.9	266.1	1.4	0.04	0.000*	---	4.73	5.58
9908	46429	68107	50	79.9	101.2	1.4	0.04	0.000*	---	1.94	0.024
9909	46430	68107	50	281.1	250	1.4	0.04	0.000*	---	4.48	4.356
9910	46431	68107	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
9911	46432	68107	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.86
9912	46434	68107	50	356.3	305.7	1.4	0.04	0.000*	---	5.36	9.215
9913	46435	68107	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
9914	46437	68107	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.561
9915	46438	68107	50	282.5	251	1.4	0.04	0.000*	---	4.49	4.426
9916	46439	68107	50	155.6	157.2	1.4	0.04	0.000*	---	2.92	0.445
9917	46441	68107	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
9918	46442	68107	50	108.2	122	1.4	0.04	0.000*	---	2.31	0.092
9919	46443	68107	50	205.8	194.3	1.4	0.04	0.000*	---	3.56	1.392
9920	46444	68107	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
9921	46445	68107	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
9922	46446	68107	50	147.8	151.3	1.4	0.04	0.000*	---	2.82	0.357
9923	46448	68107	50	125.9	135.1	1.4	0.04	0.000*	---	2.54	0.179
9924	46450	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
9925	46451	68107	50	77.2	99.1	1.4	0.04	0.000*	---	1.9	0.021
9926	46452	68107	50	151.4	154.1	1.4	0.04	0.000*	---	2.87	0.397
9927	46454	68107	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
9928	46455	68107	50	371.4	316.8	1.4	0.04	0.000*	---	5.53	10.386
9929	46456	68107	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
9930	46457	68107	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.312
9931	46458	68107	50	147.4	151	1.4	0.04	0.000*	---	2.82	0.353
9932	46460	68107	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.041
9933	46461	68107	50	94.5	111.9	1.4	0.04	0.000*	---	2.13	0.051
9934	46462	68107	50	94.8	112.1	1.4	0.04	0.000*	---	2.14	0.051
9935	46463	68107	50	190.6	183.1	1.4	0.04	0.000*	---	3.37	1.029
9936	46464	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
9937	46466	68107	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
9938	46469	68107	50	116.5	128.2	1.4	0.04	0.000*	---	2.42	0.127
9939	46470	68107	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
9940	46471	68107	50	207.3	195.4	1.4	0.04	0.000*	---	3.57	1.431
9941	46472	68107	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.887
9942	46473	68107	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
9943	46474	68107	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.578
9944	46475	68107	50	132.4	139.9	1.4	0.04	0.000*	---	2.63	0.222
9945	46476	68107	50	104.6	119.4	1.4	0.04	0.000*	---	2.27	0.079
9946	46478	68107	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.451
9947	46480	68107	50	150.2	153.1	1.4	0.04	0.000*	---	2.86	0.383
9948	46482	68107	50	344.2	296.7	1.4	0.04	0.000*	---	5.22	8.317
9949	46483	68107	50	438	366.1	1.4	0.04	0.000*	---	6.28	16.128
9950	46484	68107	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.034
9951	46487	68107	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
9952	46489	68107	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
9953	46490	68107	50	622.9	502.9	1.4	0.04	0.000*	---	8.25	34.113
9954	46491	68107	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
9955	46492	68107	50	390.6	331	1.4	0.04	0.000*	---	5.75	11.95
9956	46493	68107	50	81.4	102.3	1.4	0.04	0.000*	---	1.96	0.026
9957	46494	68107	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
9958	46495	68107	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
9959	46496	68107	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.937
9960	46497	68107	50	119.4	130.3	1.4	0.04	0.000*	---	2.46	0.142
9961	46498	68107	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
9962	46499	68107	50	251.7	228.3	1.4	0.04	0.000*	---	4.12	2.961
9963	46500	68107	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
9964	46501	68107	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.678
9965	46502	68107	50	297.2	261.9	1.4	0.04	0.000*	---	4.67	5.243
9966	46503	68107	50	211.5	198.5	1.4	0.04	0.000*	---	3.63	1.547
9967	46504	68107	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
9968	46505	68107	50	235.1	215.9	1.4	0.04	0.000*	---	3.92	2.309
9969	46506	68107	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.016
9970	46507	68107	50	313.6	274.1	1.4	0.04	0.000*	---	4.86	6.24
9971	46508	68107	50	280.5	249.6	1.4	0.04	0.000*	---	4.47	4.325
9972	46509	68107	50	85.6	105.3	1.4	0.04	0.000*	---	2.01	0.033
9973	46510	68107	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
9974	46511	68107	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.706
9975	46512	68107	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.026
9976	46513	68107	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.123
9977	46514	68107	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
9978	46515	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.01
9979	46522	68107	50	138.5	144.5	1.4	0.04	0.000*	---	2.71	0.271
9980	46523	68107	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
9981	46524	68107	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
9982	46526	68107	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
9983	46527	68107	50	265.6	238.6	1.4	0.04	0.000*	---	4.29	3.584
9984	46528	68107	50	403.4	340.5	1.4	0.04	0.000*	---	5.9	13.043
9985	46529	68107	50	152.5	154.8	1.4	0.04	0.000*	---	2.88	0.408
9986	46530	68107	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
9987	46533	68107	50	384.4	326.5	1.4	0.04	0.000*	---	5.68	11.438
9988	46534	68107	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
9989	46535	68107	50	136.2	142.8	1.4	0.04	0.000*	---	2.68	0.251
9990	46536	68107	50	55.4	83	1.4	0.04	0.000*	---	1.61	0.005
9991	46538	68107	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.237
9992	46539	68107	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.111
9993	46540	68107	50	153.6	155.7	1.4	0.04	0.000*	---	2.9	0.422
9994	46541	68107	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.134
9995	46543	68107	50	182.5	177.1	1.4	0.04	0.000*	---	3.27	0.863
9996	46546	68107	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
9997	46547	68107	50	86	105.6	1.4	0.04	0.000*	---	2.02	0.033
9998	46548	68107	50	243.9	222.5	1.4	0.04	0.000*	---	4.03	2.644
9999	46549	68107	50	341	294.4	1.4	0.04	0.000*	---	5.18	8.09
10000	46550	68107	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.578
10001	46551	68107	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.136
10002	46552	68107	50	385.4	327.2	1.4	0.04	0.000*	---	5.69	11.521
10003	46554	68107	50	62.3	88.1	1.4	0.04	0.000*	---	1.7	0.008

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10004	46557	68107	50	400.6	338.5	1.4	0.04	0.000*	---	5.86	12.801
10005	46558	68107	50	490.2	404.8	1.4	0.04	0.000*	---	6.85	21.083
10006	46559	68107	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
10007	46562	68107	50	177.5	173.3	1.4	0.04	0.000*	---	3.2	0.769
10008	46563	68107	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
10009	46564	68107	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.058
10010	46566	68107	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
10011	46567	68107	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
10012	46568	68107	50	116.8	128.4	1.4	0.04	0.000*	---	2.42	0.128
10013	46569	68107	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
10014	46570	68107	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
10015	46573	68107	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
10016	46574	68107	50	280.2	249.3	1.4	0.04	0.000*	---	4.46	4.306
10017	46575	68107	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
10018	46578	68107	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
10019	46579	68107	50	309.9	271.3	1.4	0.04	0.000*	---	4.82	6.004
10020	46580	68107	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
10021	46582	68107	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
10022	46583	68107	50	273.4	244.3	1.4	0.04	0.000*	---	4.38	3.959
10023	46585	68107	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.049
10024	46586	68107	50	333.9	289.1	1.4	0.04	0.000*	---	5.1	7.585
10025	46587	68107	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
10026	46588	68107	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
10027	46589	68107	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
10028	46591	68107	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.079
10029	46592	68107	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
10030	46593	68107	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
10031	46594	68107	50	700.6	560.4	1.4	0.04	0.000*	---	9.03	41.412
10032	46595	68107	50	82.1	102.7	1.4	0.04	0.000*	---	1.97	0.027
10033	46596	68107	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.412
10034	46597	68107	50	172.3	169.5	1.4	0.04	0.000*	---	3.14	0.682
10035	46598	68107	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.394
10036	46601	68107	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.159
10037	46602	68107	50	158.3	159.2	1.4	0.04	0.000*	---	2.96	0.479
10038	46603	68107	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
10039	46604	68107	50	104	119	1.4	0.04	0.000*	---	2.26	0.077
10040	46605	68107	50	427.8	358.6	1.4	0.04	0.000*	---	6.17	15.198
10041	46607	68107	50	393	332.9	1.4	0.04	0.000*	---	5.78	12.159
10042	46610	68107	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.261
10043	46611	68107	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.614
10044	46612	68107	50	389	329.9	1.4	0.04	0.000*	---	5.73	11.819
10045	46613	68107	50	354.8	304.5	1.4	0.04	0.000*	---	5.34	9.1
10046	46614	68107	50	191.8	183.9	1.4	0.04	0.000*	---	3.38	1.054
10047	46615	68107	50	418.1	351.4	1.4	0.04	0.000*	---	6.06	14.328
10048	46618	68107	50	150.2	153.2	1.4	0.04	0.000*	---	2.86	0.383
10049	46619	68107	50	286.2	253.8	1.4	0.04	0.000*	---	4.54	4.627
10050	46620	68107	50	452.9	377.1	1.4	0.04	0.000*	---	6.45	17.508
10051	46621	68107	50	515.3	423.3	1.4	0.04	0.000*	---	7.12	23.531
10052	46625	68107	50	159.7	160.2	1.4	0.04	0.000*	---	2.98	0.497
10053	46626	68107	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.822
10054	46628	68107	50	540.5	442	1.4	0.04	0.000*	---	7.39	26.02
10055	46629	68107	50	191.8	183.9	1.4	0.04	0.000*	---	3.38	1.053
10056	46630	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
10057	46631	68107	50	345.5	297.7	1.4	0.04	0.000*	---	5.23	8.415
10058	46632	68107	50	379.1	322.6	1.4	0.04	0.000*	---	5.62	11.008
10059	46633	68107	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.58
10060	46634	68107	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
10061	46635	68107	50	542.9	443.8	1.4	0.04	0.000*	---	7.42	26.263
10062	46636	68107	50	142.9	147.8	1.4	0.04	0.000*	---	2.76	0.31
10063	46637	68107	50	184.4	178.5	1.4	0.04	0.000*	---	3.29	0.9
10064	46639	68107	50	35.2	68.1	1.4	0.04	0.000*	---	1.34	0.001

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10065	46640	68107	50	261.1	235.2	1.4	0.04	0.000*	---	4.23	3.375
10066	46641	68107	50	482.5	399	1.4	0.04	0.000*	---	6.77	20.333
10067	46642	68107	50	86	105.6	1.4	0.04	0.000*	---	2.02	0.033
10068	46643	68107	50	323.4	281.3	1.4	0.04	0.000*	---	4.97	6.871
10069	46644	68107	50	512.1	421	1.4	0.04	0.000*	---	7.09	23.221
10070	46646	68107	50	230.5	212.6	1.4	0.04	0.000*	---	3.86	2.147
10071	46647	68107	50	233.9	215.1	1.4	0.04	0.000*	---	3.9	2.267
10072	46648	68107	50	62.9	88.5	1.4	0.04	0.000*	---	1.71	0.009
10073	46649	68107	50	282.8	251.3	1.4	0.04	0.000*	---	4.5	4.447
10074	46650	68107	50	90.1	108.7	1.4	0.04	0.000*	---	2.07	0.041
10075	46652	68107	50	62.1	88	1.4	0.04	0.000*	---	1.7	0.008
10076	46655	68107	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.143
10077	46656	68107	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.12
10078	46658	68107	50	182.7	177.2	1.4	0.04	0.000*	---	3.27	0.866
10079	46659	68107	50	312.6	273.4	1.4	0.04	0.000*	---	4.85	6.178
10080	46661	68107	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
10081	46662	68107	50	274.2	244.9	1.4	0.04	0.000*	---	4.39	4
10082	46663	68107	50	151.7	154.3	1.4	0.04	0.000*	---	2.88	0.4
10083	46664	68107	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
10084	46665	68107	50	136.8	143.2	1.4	0.04	0.000*	---	2.68	0.256
10085	46666	68107	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.543
10086	46667	68107	50	123.4	133.3	1.4	0.04	0.000*	---	2.51	0.164
10087	46668	68107	50	149.1	152.4	1.4	0.04	0.000*	---	2.84	0.372
10088	46669	68107	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
10089	46671	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
10090	46672	68107	50	352.6	302.9	1.4	0.04	0.000*	---	5.31	8.934
10091	46673	68107	50	328.5	285.1	1.4	0.04	0.000*	---	5.03	7.215
10092	46674	68107	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
10093	46675	68107	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
10094	46676	68107	50	45.9	76	1.4	0.04	0.000*	---	1.48	0.002
10095	46679	68107	50	53.2	81.4	1.4	0.04	0.000*	---	1.58	0.004
10096	46682	68107	50	406.2	342.6	1.4	0.04	0.000*	---	5.93	13.281
10097	46683	68107	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.488
10098	46685	68107	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
10099	46686	68107	50	377	321	1.4	0.04	0.000*	---	5.6	10.834
10100	46687	68107	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
10101	46688	68107	50	204.1	193.1	1.4	0.04	0.000*	---	3.54	1.349
10102	46689	68107	50	458.5	381.3	1.4	0.04	0.000*	---	6.51	18.035
10103	46690	68107	50	228.7	211.3	1.4	0.04	0.000*	---	3.84	2.085
10104	46691	68107	50	210.3	197.6	1.4	0.04	0.000*	---	3.61	1.515
10105	46692	68107	50	285.2	253.1	1.4	0.04	0.000*	---	4.52	4.573
10106	46693	68107	50	267.3	239.8	1.4	0.04	0.000*	---	4.31	3.662
10107	46694	68107	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.045
10108	46696	68107	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.732
10109	46697	68107	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
10110	46698	68107	50	234.1	215.2	1.4	0.04	0.000*	---	3.91	2.272
10111	46699	68107	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.369
10112	46700	68107	50	235.6	216.4	1.4	0.04	0.000*	---	3.92	2.328
10113	46701	68107	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
10114	46702	68107	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.228
10115	46703	68107	50	537.3	439.6	1.4	0.04	0.000*	---	7.36	25.699
10116	46704	68107	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
10117	46707	68107	50	298.3	262.7	1.4	0.04	0.000*	---	4.68	5.307
10118	46708	68107	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
10119	46710	68107	50	243.3	222	1.4	0.04	0.000*	---	4.02	2.619
10120	46711	68107	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.855
10121	46712	68107	50	394.9	334.2	1.4	0.04	0.000*	---	5.8	12.315
10122	46713	68107	50	228.3	210.9	1.4	0.04	0.000*	---	3.83	2.071
10123	46716	68107	50	249.6	226.7	1.4	0.04	0.000*	---	4.1	2.876
10124	46717	68107	50	48.3	77.8	1.4	0.04	0.000*	---	1.52	0.003
10125	46718	68107	50	157	158.2	1.4	0.04	0.000*	---	2.94	0.462

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10126	46721	68107	50	135.6	142.3	1.4	0.04	0.000*	---	2.67	0.247
10127	46722	68107	50	245.2	223.4	1.4	0.04	0.000*	---	4.04	2.694
10128	46724	68107	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.227
10129	46725	68107	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.079
10130	46727	68107	50	298.8	263.1	1.4	0.04	0.000*	---	4.69	5.339
10131	46728	68107	50	333.3	288.6	1.4	0.04	0.000*	---	5.09	7.547
10132	46729	68107	50	226	209.3	1.4	0.04	0.000*	---	3.81	1.995
10133	46730	68107	50	137.1	143.5	1.4	0.04	0.000*	---	2.69	0.259
10134	46731	68107	50	233.9	215.1	1.4	0.04	0.000*	---	3.9	2.268
10135	46734	68107	50	455.2	378.9	1.4	0.04	0.000*	---	6.47	17.733
10136	46736	68107	50	300.1	264.1	1.4	0.04	0.000*	---	4.7	5.413
10137	46740	68107	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
10138	46741	68107	50	244.4	222.9	1.4	0.04	0.000*	---	4.03	2.665
10139	46743	68107	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
10140	46744	68107	50	396.5	335.4	1.4	0.04	0.000*	---	5.82	12.451
10141	46745	68107	50	124.1	133.8	1.4	0.04	0.000*	---	2.52	0.168
10142	46746	68107	50	139.8	145.4	1.4	0.04	0.000*	---	2.72	0.281
10143	46747	68107	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
10144	46748	68107	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.927
10145	46749	68107	50	114	126.4	1.4	0.04	0.000*	---	2.39	0.116
10146	46750	68107	50	293.3	259	1.4	0.04	0.000*	---	4.62	5.018
10147	46752	68107	50	295.6	260.7	1.4	0.04	0.000*	---	4.65	5.152
10148	46754	68107	50	108.7	122.5	1.4	0.04	0.000*	---	2.32	0.094
10149	46755	68107	50	407	343.2	1.4	0.04	0.000*	---	5.94	13.351
10150	46757	68107	50	543.8	444.4	1.4	0.04	0.000*	---	7.43	26.346
10151	46758	68107	50	177	173	1.4	0.04	0.000*	---	3.2	0.762
10152	46760	68107	50	308.5	270.3	1.4	0.04	0.000*	---	4.8	5.923
10153	46761	68107	50	385.1	327	1.4	0.04	0.000*	---	5.69	11.495
10154	46762	68107	50	85.3	105.2	1.4	0.04	0.000*	---	2.01	0.032
10155	46763	68107	50	1177.7	913.5	1.4	0.04	0.000*	---	13.33	72.98
10156	46764	68107	50	142.9	147.7	1.4	0.04	0.000*	---	2.76	0.309
10157	46766	68107	50	552.9	451.1	1.4	0.04	0.000*	---	7.52	27.246
10158	46767	68107	50	627.3	506.2	1.4	0.04	0.000*	---	8.29	34.538
10159	46768	68107	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015
10160	46769	68107	50	109.2	122.8	1.4	0.04	0.000*	---	2.33	0.096
10161	46770	68107	50	326.9	283.9	1.4	0.04	0.000*	---	5.02	7.108
10162	46771	68107	50	365.1	312.2	1.4	0.04	0.000*	---	5.46	9.893
10163	46772	68107	50	94	111.6	1.4	0.04	0.000*	---	2.13	0.049
10164	46775	68107	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.453
10165	46776	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
10166	46777	68107	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.332
10167	46778	68107	50	94.8	112.1	1.4	0.04	0.000*	---	2.14	0.051
10168	46780	68107	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
10169	46781	68107	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.762
10170	46784	68107	50	528.6	433.2	1.4	0.04	0.000*	---	7.27	24.848
10171	46785	68107	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039
10172	46786	68107	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
10173	46788	68107	50	302.1	265.5	1.4	0.04	0.000*	---	4.72	5.532
10174	46789	68107	50	44.7	75.1	1.4	0.04	0.000*	---	1.47	0.002
10175	46790	68107	50	90.6	109	1.4	0.04	0.000*	---	2.08	0.042
10176	46791	68107	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.117
10177	46792	68107	50	343.9	296.5	1.4	0.04	0.000*	---	5.21	8.298
10178	46793	68107	50	41.5	72.7	1.4	0.04	0.000*	---	1.42	0.002
10179	46794	68107	50	279.8	249.1	1.4	0.04	0.000*	---	4.46	4.288
10180	46796	68107	50	88.7	107.7	1.4	0.04	0.000*	---	2.06	0.038
10181	46797	68107	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.431
10182	46798	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
10183	46799	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
10184	46800	68107	50	325.9	283.2	1.4	0.04	0.000*	---	5	7.041
10185	46801	68107	50	140.9	146.2	1.4	0.04	0.000*	---	2.74	0.291
10186	46802	68107	50	332.2	287.8	1.4	0.04	0.000*	---	5.08	7.469

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10187	46803	68107	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
10188	46804	68107	50	36.3	68.8	1.4	0.04	0.000*	---	1.35	0.001
10189	46805	68107	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.727
10190	46807	68107	50	148.9	152.1	1.4	0.04	0.000*	---	2.84	0.369
10191	46808	68107	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.716
10192	46811	68107	50	133.8	141	1.4	0.04	0.000*	---	2.64	0.233
10193	46812	68107	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
10194	46813	68107	50	361.4	309.4	1.4	0.04	0.000*	---	5.42	9.6
10195	46814	68107	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
10196	46815	68107	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.182
10197	46816	68107	50	612.7	495.4	1.4	0.04	0.000*	---	8.15	33.129
10198	46817	68107	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
10199	46820	68107	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
10200	46822	68107	50	650.8	523.6	1.4	0.04	0.000*	---	8.53	36.792
10201	46823	68107	50	308.9	270.6	1.4	0.04	0.000*	---	4.81	5.946
10202	46825	68107	50	71.4	94.8	1.4	0.04	0.000*	---	1.83	0.015
10203	46826	68107	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.738
10204	46827	68107	50	176.9	172.9	1.4	0.04	0.000*	---	3.2	0.76
10205	46829	68107	50	138.7	144.7	1.4	0.04	0.000*	---	2.71	0.273
10206	46830	68107	50	188.5	181.5	1.4	0.04	0.000*	---	3.34	0.983
10207	46832	68107	50	416.5	350.2	1.4	0.04	0.000*	---	6.04	14.19
10208	46833	68107	50	213.9	200.3	1.4	0.04	0.000*	---	3.66	1.616
10209	46834	68107	50	363.5	311	1.4	0.04	0.000*	---	5.44	9.769
10210	46835	68107	50	107.5	121.5	1.4	0.04	0.000*	---	2.3	0.089
10211	46836	68107	50	340.8	294.2	1.4	0.04	0.000*	---	5.18	8.074
10212	46837	68107	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.412
10213	46839	68107	50	291.9	258	1.4	0.04	0.000*	---	4.6	4.941
10214	46841	68107	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.091
10215	46842	68107	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.614
10216	46844	68107	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
10217	46846	68107	50	228.5	211.1	1.4	0.04	0.000*	---	3.84	2.077
10218	46847	68107	50	294.4	259.8	1.4	0.04	0.000*	---	4.63	5.081
10219	46849	68107	50	413.5	348	1.4	0.04	0.000*	---	6.01	13.921
10220	46850	68107	50	258.2	233.1	1.4	0.04	0.000*	---	4.2	3.242
10221	46851	68107	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
10222	46852	68107	50	324.9	282.4	1.4	0.04	0.000*	---	4.99	6.974
10223	46853	68107	50	245.9	224	1.4	0.04	0.000*	---	4.05	2.723
10224	46854	68107	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
10225	46855	68107	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.272
10226	46857	68107	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.367
10227	46859	68107	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.024
10228	46860	68107	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.196
10229	46861	68107	50	246.2	224.2	1.4	0.04	0.000*	---	4.05	2.735
10230	46862	68107	50	466.9	387.5	1.4	0.04	0.000*	---	6.6	18.839
10231	46863	68107	50	21.7	58	1.4	0.04	0.000*	---	1.15	0
10232	46864	68107	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.15
10233	46865	68107	50	539	440.9	1.4	0.04	0.000*	---	7.38	25.874
10234	46867	68107	50	194.3	185.7	1.4	0.04	0.000*	---	3.41	1.109
10235	46869	68107	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.639
10236	46870	68107	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308
10237	46871	68107	50	163.3	162.9	1.4	0.04	0.000*	---	3.02	0.546
10238	46872	68107	50	25.2	60.6	1.4	0.04	0.000*	---	1.2	0
10239	46873	68107	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.097
10240	46877	68107	50	122.5	132.6	1.4	0.04	0.000*	---	2.5	0.158
10241	46878	68107	50	425.9	357.1	1.4	0.04	0.000*	---	6.15	15.024
10242	46879	68107	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.284
10243	46880	68107	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.994
10244	46881	68107	50	257.9	232.9	1.4	0.04	0.000*	---	4.2	3.232
10245	46883	68107	50	233.6	214.9	1.4	0.04	0.000*	---	3.9	2.257
10246	46885	68107	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
10247	46886	68107	50	435.4	364.2	1.4	0.04	0.000*	---	6.25	15.89

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10248	46887	68107	50	186.8	180.2	1.4	0.04	0.000*	---	3.32	0.947
10249	46889	68107	50	314.9	275.1	1.4	0.04	0.000*	---	4.88	6.324
10250	46891	68107	50	301	264.8	1.4	0.04	0.000*	---	4.71	5.47
10251	46892	68107	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.634
10252	46893	68107	50	265.8	238.7	1.4	0.04	0.000*	---	4.29	3.594
10253	46894	68107	50	194	185.6	1.4	0.04	0.000*	---	3.41	1.103
10254	46897	68107	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.034
10255	46898	68107	50	299.6	263.7	1.4	0.04	0.000*	---	4.7	5.387
10256	46899	68107	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.861
10257	46901	68107	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.117
10258	46904	68107	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.433
10259	46905	68107	50	25.7	61	1.4	0.04	0.000*	---	1.21	0
10260	46906	68107	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.867
10261	46908	68107	50	327.3	284.2	1.4	0.04	0.000*	---	5.02	7.133
10262	46909	68107	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
10263	46910	68107	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
10264	46911	68107	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.129
10265	46913	68107	50	57.5	84.6	1.4	0.04	0.000*	---	1.64	0.006
10266	46916	68107	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
10267	46917	68107	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
10268	46918	68107	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.829
10269	46919	68107	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.869
10270	46920	68107	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.837
10271	46921	68107	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
10272	46922	68107	50	409.4	344.9	1.4	0.04	0.000*	---	5.96	13.56
10273	46923	68107	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
10274	46925	68107	50	294.9	260.2	1.4	0.04	0.000*	---	4.64	5.113
10275	46926	68107	50	196.7	187.6	1.4	0.04	0.000*	---	3.44	1.165
10276	46927	68107	50	757	602.2	1.4	0.04	0.000*	---	9.58	46.38
10277	46928	68107	50	110.2	123.5	1.4	0.04	0.000*	---	2.34	0.099
10278	46929	68107	50	488.6	403.6	1.4	0.04	0.000*	---	6.84	20.923
10279	46930	68107	50	162.1	161.9	1.4	0.04	0.000*	---	3.01	0.529
10280	46931	68107	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.903
10281	46932	68107	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
10282	46934	68107	50	284.7	252.6	1.4	0.04	0.000*	---	4.52	4.544
10283	46935	68107	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
10284	46936	68107	50	324.7	282.3	1.4	0.04	0.000*	---	4.99	6.96
10285	46940	68107	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.271
10286	46942	68107	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
10287	46944	68107	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
10288	46945	68107	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.846
10289	46946	68107	50	670.6	538.3	1.4	0.04	0.000*	---	8.73	38.653
10290	46948	68107	50	102.5	117.9	1.4	0.04	0.000*	---	2.24	0.072
10291	46950	68107	50	662.7	532.4	1.4	0.04	0.000*	---	8.65	37.914
10292	46952	68107	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.746
10293	46953	68107	50	220.2	204.9	1.4	0.04	0.000*	---	3.73	1.806
10294	46954	68107	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.041
10295	46955	68107	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
10296	46957	68107	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.267
10297	46959	68107	50	230.4	212.5	1.4	0.04	0.000*	---	3.86	2.142
10298	46960	68107	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
10299	46961	68107	50	624.1	503.8	1.4	0.04	0.000*	---	8.26	34.232
10300	46962	68107	50	193.6	185.2	1.4	0.04	0.000*	---	3.4	1.093
10301	46963	68107	50	69	93.1	1.4	0.04	0.000*	---	1.79	0.013
10302	46964	68107	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.266
10303	46965	68107	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.208
10304	46967	68107	50	194.9	186.3	1.4	0.04	0.000*	---	3.42	1.124
10305	46968	68107	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
10306	46969	68107	50	230.2	212.4	1.4	0.04	0.000*	---	3.86	2.136
10307	46970	68107	50	243.5	222.2	1.4	0.04	0.000*	---	4.02	2.629
10308	46971	68107	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.882

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10309	46972	68107	50	399.7	337.8	1.4	0.04	0.000*	---	5.85	12.725
10310	46973	68107	50	256.3	231.7	1.4	0.04	0.000*	---	4.18	3.16
10311	46976	68107	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.329
10312	46977	68107	50	234.3	215.3	1.4	0.04	0.000*	---	3.91	2.279
10313	46979	68107	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.322
10314	46980	68107	50	388.8	329.7	1.4	0.04	0.000*	---	5.73	11.799
10315	46982	68107	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.755
10316	46984	68107	50	442.8	369.7	1.4	0.04	0.000*	---	6.34	16.572
10317	46985	68107	50	208.1	196	1.4	0.04	0.000*	---	3.58	1.453
10318	46986	68107	50	124.6	134.2	1.4	0.04	0.000*	---	2.53	0.171
10319	46987	68107	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
10320	46988	68107	50	204.3	193.2	1.4	0.04	0.000*	---	3.54	1.352
10321	46989	68107	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.187
10322	46990	68107	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.8
10323	46991	68107	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.683
10324	46992	68107	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.72
10325	46993	68107	50	401.6	339.2	1.4	0.04	0.000*	---	5.87	12.888
10326	46994	68107	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
10327	46996	68107	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.075
10328	46998	68107	50	128.8	137.3	1.4	0.04	0.000*	---	2.58	0.197
10329	46999	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
10330	47000	68107	50	354.4	304.2	1.4	0.04	0.000*	---	5.34	9.069
10331	47001	68107	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.166
10332	47003	68107	50	206.7	195	1.4	0.04	0.000*	---	3.57	1.416
10333	47004	68107	50	73.6	96.4	1.4	0.04	0.000*	---	1.85	0.017
10334	47005	68107	50	250.1	227.1	1.4	0.04	0.000*	---	4.1	2.896
10335	47007	68107	50	125.9	135.1	1.4	0.04	0.000*	---	2.54	0.179
10336	47008	68107	50	290.6	257	1.4	0.04	0.000*	---	4.59	4.868
10337	47009	68107	50	421.7	354.1	1.4	0.04	0.000*	---	6.1	14.654
10338	47010	68107	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.732
10339	47011	68107	50	430.6	360.7	1.4	0.04	0.000*	---	6.2	15.456
10340	47012	68107	50	218.7	203.8	1.4	0.04	0.000*	---	3.72	1.76
10341	47013	68107	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.053
10342	47015	68107	50	406.4	342.7	1.4	0.04	0.000*	---	5.93	13.297
10343	47016	68107	50	1234.3	955.4	1.4	0.04	0.000*	---	13.8	75.324
10344	47017	68107	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
10345	47020	68107	50	69.2	93.2	1.4	0.04	0.000*	---	1.8	0.013
10346	47021	68107	50	260.6	234.8	1.4	0.04	0.000*	---	4.23	3.351
10347	47022	68107	50	200.5	190.4	1.4	0.04	0.000*	---	3.49	1.257
10348	47023	68107	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
10349	47024	68107	50	317.8	277.2	1.4	0.04	0.000*	---	4.91	6.508
10350	47026	68107	50	306.5	268.8	1.4	0.04	0.000*	---	4.78	5.796
10351	47027	68107	50	305.4	268	1.4	0.04	0.000*	---	4.76	5.733
10352	47028	68107	50	406.7	342.9	1.4	0.04	0.000*	---	5.93	13.325
10353	47029	68107	50	248.5	225.9	1.4	0.04	0.000*	---	4.08	2.827
10354	47030	68107	50	253.7	229.7	1.4	0.04	0.000*	---	4.14	3.046
10355	47032	68107	50	343.4	296.1	1.4	0.04	0.000*	---	5.21	8.258
10356	47033	68107	50	252.9	229.1	1.4	0.04	0.000*	---	4.13	3.012
10357	47034	68107	50	304.2	267.1	1.4	0.04	0.000*	---	4.75	5.66
10358	47037	68107	50	181.8	176.5	1.4	0.04	0.000*	---	3.26	0.849
10359	47038	68107	50	205.2	193.8	1.4	0.04	0.000*	---	3.55	1.376
10360	47039	68107	50	247.2	224.9	1.4	0.04	0.000*	---	4.07	2.776
10361	47040	68107	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.305
10362	47041	68107	50	164.5	163.7	1.4	0.04	0.000*	---	3.04	0.562
10363	47042	68107	50	432.6	362.2	1.4	0.04	0.000*	---	6.22	15.639
10364	47043	68107	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
10365	47044	68107	50	199.4	189.5	1.4	0.04	0.000*	---	3.48	1.229
10366	47045	68107	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
10367	47046	68107	50	677.2	543.1	1.4	0.04	0.000*	---	8.8	39.264
10368	47047	68107	50	686	549.7	1.4	0.04	0.000*	---	8.89	40.08
10369	47048	68107	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10370	47049	68107	50	242.8	221.7	1.4	0.04	0.000*	---	4.01	2.6
10371	47050	68107	50	103.3	118.5	1.4	0.04	0.000*	---	2.25	0.075
10372	47051	68107	50	385.1	327	1.4	0.04	0.000*	---	5.69	11.494
10373	47052	68107	50	106.9	121.1	1.4	0.04	0.000*	---	2.29	0.087
10374	47053	68107	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
10375	47054	68107	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
10376	47056	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
10377	47058	68107	50	113.8	126.3	1.4	0.04	0.000*	---	2.39	0.115
10378	47059	68107	50	111.7	124.6	1.4	0.04	0.000*	---	2.36	0.105
10379	47060	68107	50	274.4	245	1.4	0.04	0.000*	---	4.39	4.009
10380	47061	68107	50	166	164.8	1.4	0.04	0.000*	---	3.06	0.584
10381	47062	68107	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
10382	47063	68107	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
10383	47064	68107	50	61.8	87.8	1.4	0.04	0.000*	---	1.7	0.008
10384	47065	68107	50	154.9	156.6	1.4	0.04	0.000*	---	2.92	0.436
10385	47066	68107	50	217.9	203.2	1.4	0.04	0.000*	---	3.71	1.736
10386	47067	68107	50	360.1	308.5	1.4	0.04	0.000*	---	5.4	9.502
10387	47069	68107	50	193.5	185.2	1.4	0.04	0.000*	---	3.4	1.092
10388	47070	68107	50	244.4	222.9	1.4	0.04	0.000*	---	4.03	2.663
10389	47071	68107	50	140.8	146.2	1.4	0.04	0.000*	---	2.73	0.29
10390	47072	68107	50	96.4	113.3	1.4	0.04	0.000*	---	2.16	0.055
10391	47073	68107	50	131.6	139.4	1.4	0.04	0.000*	---	2.62	0.217
10392	47074	68107	50	179.7	175	1.4	0.04	0.000*	---	3.23	0.81
10393	47076	68107	50	174.9	171.5	1.4	0.04	0.000*	---	3.17	0.726
10394	47077	68107	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.719
10395	47078	68107	50	438.3	366.4	1.4	0.04	0.000*	---	6.29	16.158
10396	47080	68107	50	195.6	186.7	1.4	0.04	0.000*	---	3.43	1.138
10397	47082	68107	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
10398	47084	68107	50	256.9	232.1	1.4	0.04	0.000*	---	4.18	3.185
10399	47085	68107	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
10400	47086	68107	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.182
10401	47087	68107	50	201.7	191.3	1.4	0.04	0.000*	---	3.51	1.288
10402	47088	68107	50	347.1	298.9	1.4	0.04	0.000*	---	5.25	8.53
10403	47089	68107	50	231.8	213.5	1.4	0.04	0.000*	---	3.88	2.192
10404	47090	68107	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.482
10405	47091	68107	50	161.9	161.8	1.4	0.04	0.000*	---	3	0.526
10406	47092	68107	50	209.8	197.2	1.4	0.04	0.000*	---	3.61	1.499
10407	47094	68107	50	103.3	118.5	1.4	0.04	0.000*	---	2.25	0.075
10408	47095	68107	50	175.1	171.6	1.4	0.04	0.000*	---	3.17	0.728
10409	47096	68107	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.363
10410	47097	68107	50	209.7	197.2	1.4	0.04	0.000*	---	3.61	1.498
10411	47098	68107	50	384.3	326.4	1.4	0.04	0.000*	---	5.68	11.43
10412	47100	68107	50	199.6	189.7	1.4	0.04	0.000*	---	3.48	1.234
10413	47102	68107	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.306
10414	47103	68107	50	263.9	237.3	1.4	0.04	0.000*	---	4.27	3.505
10415	47104	68107	50	152.8	155.1	1.4	0.04	0.000*	---	2.89	0.413
10416	47105	68107	50	124.2	133.9	1.4	0.04	0.000*	---	2.52	0.169
10417	47106	68107	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
10418	47107	68107	50	249.1	226.4	1.4	0.04	0.000*	---	4.09	2.854
10419	47108	68107	50	169	167.1	1.4	0.04	0.000*	---	3.1	0.629
10420	47111	68107	50	160.1	160.4	1.4	0.04	0.000*	---	2.98	0.501
10421	47112	68107	50	269.8	241.7	1.4	0.04	0.000*	---	4.34	3.784
10422	47115	68107	50	276.6	246.6	1.4	0.04	0.000*	---	4.42	4.12
10423	47116	68107	50	285.6	253.4	1.4	0.04	0.000*	---	4.53	4.597
10424	47118	68107	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
10425	47119	68107	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.462
10426	47123	68107	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.044
10427	47125	68107	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.318
10428	47127	68107	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.323
10429	47128	68107	50	334.7	289.7	1.4	0.04	0.000*	---	5.11	7.644
10430	47130	68107	50	280.7	249.7	1.4	0.04	0.000*	---	4.47	4.333

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10431	47131	68107	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
10432	47132	68107	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.798
10433	47133	68107	50	642.9	517.8	1.4	0.04	0.000*	---	8.45	36.039
10434	47135	68107	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.396
10435	47136	68107	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.334
10436	47137	68107	50	119.9	130.7	1.4	0.04	0.000*	---	2.46	0.144
10437	47138	68107	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
10438	47139	68107	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.945
10439	47140	68107	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.869
10440	47142	68107	50	193.2	184.9	1.4	0.04	0.000*	---	3.4	1.084
10441	47143	68107	50	181	175.9	1.4	0.04	0.000*	---	3.25	0.834
10442	47144	68107	50	138.8	144.7	1.4	0.04	0.000*	---	2.71	0.273
10443	47145	68107	50	249.1	226.4	1.4	0.04	0.000*	---	4.09	2.854
10444	47147	68107	50	365.8	312.7	1.4	0.04	0.000*	---	5.47	9.944
10445	47148	68107	50	221.4	205.8	1.4	0.04	0.000*	---	3.75	1.844
10446	47149	68107	50	284.4	252.4	1.4	0.04	0.000*	---	4.51	4.528
10447	47150	68107	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.854
10448	47151	68107	50	340.4	293.9	1.4	0.04	0.000*	---	5.17	8.046
10449	47152	68107	50	414.8	349	1.4	0.04	0.000*	---	6.02	14.04
10450	47153	68107	50	422.6	354.8	1.4	0.04	0.000*	---	6.11	14.734
10451	47154	68107	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.926
10452	47156	68107	50	154	155.9	1.4	0.04	0.000*	---	2.9	0.426
10453	47157	68107	50	258.8	233.5	1.4	0.04	0.000*	---	4.21	3.27
10454	47158	68107	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.903
10455	47159	68107	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
10456	47162	68107	50	357.8	306.8	1.4	0.04	0.000*	---	5.38	9.329
10457	47163	68107	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.006
10458	47164	68107	50	102.2	117.6	1.4	0.04	0.000*	---	2.23	0.071
10459	47165	68107	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
10460	47166	68107	50	297.6	262.3	1.4	0.04	0.000*	---	4.67	5.27
10461	47168	68107	50	307.9	269.8	1.4	0.04	0.000*	---	4.79	5.88
10462	47169	68107	50	286.3	253.9	1.4	0.04	0.000*	---	4.54	4.632
10463	47170	68107	50	697.3	558	1.4	0.04	0.000*	---	9	41.113
10464	47171	68107	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.335
10465	47172	68107	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.061
10466	47173	68107	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
10467	47175	68107	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
10468	47176	68107	50	109.4	122.9	1.4	0.04	0.000*	---	2.33	0.096
10469	47177	68107	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.97
10470	47178	68107	50	270.3	242	1.4	0.04	0.000*	---	4.34	3.807
10471	47179	68107	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
10472	47180	68107	50	175.2	171.6	1.4	0.04	0.000*	---	3.17	0.73
10473	47181	68107	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.156
10474	47182	68107	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.629
10475	47184	68107	50	173.3	170.2	1.4	0.04	0.000*	---	3.15	0.698
10476	47185	68107	50	540.9	442.2	1.4	0.04	0.000*	---	7.4	26.057
10477	47186	68107	50	168.5	166.7	1.4	0.04	0.000*	---	3.09	0.621
10478	47187	68107	50	69.7	93.5	1.4	0.04	0.000*	---	1.8	0.013
10479	47188	68107	50	244.7	223.1	1.4	0.04	0.000*	---	4.04	2.674
10480	47190	68107	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.845
10481	47191	68107	50	301.4	265	1.4	0.04	0.000*	---	4.72	5.488
10482	47193	68107	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
10483	47194	68107	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
10484	47195	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
10485	47196	68107	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.976
10486	47197	68107	50	270	241.8	1.4	0.04	0.000*	---	4.34	3.795
10487	47202	68107	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.588
10488	47203	68107	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.256
10489	47204	68107	50	272.7	243.8	1.4	0.04	0.000*	---	4.37	3.925
10490	47206	68107	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.315
10491	47207	68107	50	223.3	207.2	1.4	0.04	0.000*	---	3.77	1.905

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10492	47210	68107	50	200.2	190.2	1.4	0.04	0.000*	---	3.49	1.25
10493	47211	68107	50	215.8	201.7	1.4	0.04	0.000*	---	3.68	1.673
10494	47212	68107	50	250.6	227.5	1.4	0.04	0.000*	---	4.11	2.916
10495	47213	68107	50	351.9	302.4	1.4	0.04	0.000*	---	5.31	8.887
10496	47214	68107	50	353.3	303.4	1.4	0.04	0.000*	---	5.32	8.988
10497	47215	68107	50	339.5	293.2	1.4	0.04	0.000*	---	5.16	7.98
10498	47216	68107	50	153.1	155.3	1.4	0.04	0.000*	---	2.89	0.416
10499	47217	68107	50	392.5	332.4	1.4	0.04	0.000*	---	5.77	12.108
10500	47218	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.742
10501	47219	68107	50	289.4	256.2	1.4	0.04	0.000*	---	4.57	4.803
10502	47220	68107	50	85.2	105	1.4	0.04	0.000*	---	2.01	0.032
10503	47222	68107	50	155.4	157	1.4	0.04	0.000*	---	2.92	0.442
10504	47223	68107	50	214.8	200.9	1.4	0.04	0.000*	---	3.67	1.642
10505	47224	68107	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.536
10506	47225	68107	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.651
10507	47226	68107	50	163.5	163	1.4	0.04	0.000*	---	3.03	0.549
10508	47228	68107	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
10509	47230	68107	50	255.1	230.7	1.4	0.04	0.000*	---	4.16	3.105
10510	47231	68107	50	514.9	423.1	1.4	0.04	0.000*	---	7.12	23.499
10511	47232	68107	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.535
10512	47233	68107	50	342.5	295.4	1.4	0.04	0.000*	---	5.2	8.194
10513	47235	68107	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
10514	47236	68107	50	207.3	195.4	1.4	0.04	0.000*	---	3.57	1.431
10515	47238	68107	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.576
10516	47239	68107	50	235.7	216.4	1.4	0.04	0.000*	---	3.93	2.332
10517	47244	68107	50	220.9	205.5	1.4	0.04	0.000*	---	3.74	1.829
10518	47248	68107	50	464.5	385.7	1.4	0.04	0.000*	---	6.57	18.604
10519	47249	68107	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
10520	47250	68107	50	179.9	175.1	1.4	0.04	0.000*	---	3.23	0.813
10521	47251	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
10522	47252	68107	50	278.4	248.1	1.4	0.04	0.000*	---	4.44	4.216
10523	47253	68107	50	165.1	164.1	1.4	0.04	0.000*	---	3.04	0.57
10524	47255	68107	50	144	148.6	1.4	0.04	0.000*	---	2.78	0.32
10525	47256	68107	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.683
10526	47257	68107	50	639.5	515.3	1.4	0.04	0.000*	---	8.42	35.715
10527	47259	68107	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
10528	47260	68107	50	153.4	155.5	1.4	0.04	0.000*	---	2.9	0.419
10529	47261	68107	50	425.4	356.8	1.4	0.04	0.000*	---	6.14	14.981
10530	47262	68107	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.658
10531	47263	68107	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
10532	47265	68107	50	375.7	320	1.4	0.04	0.000*	---	5.58	10.729
10533	47267	68107	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.203
10534	47268	68107	50	298.2	262.6	1.4	0.04	0.000*	---	4.68	5.301
10535	47269	68107	50	287.9	255.1	1.4	0.04	0.000*	---	4.56	4.721
10536	47270	68107	50	377.5	321.4	1.4	0.04	0.000*	---	5.6	10.875
10537	47271	68107	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.038
10538	47273	68107	50	250.7	227.5	1.4	0.04	0.000*	---	4.11	2.918
10539	47274	68107	50	201.4	191.1	1.4	0.04	0.000*	---	3.5	1.28
10540	47275	68107	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
10541	47276	68107	50	489.1	404	1.4	0.04	0.000*	---	6.84	20.977
10542	47277	68107	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.561
10543	47279	68107	50	304.8	267.5	1.4	0.04	0.000*	---	4.76	5.693
10544	47280	68107	50	105.9	120.4	1.4	0.04	0.000*	---	2.28	0.084
10545	47281	68107	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.886
10546	47283	68107	50	496.7	409.6	1.4	0.04	0.000*	---	6.92	21.713
10547	47285	68107	50	319.8	278.7	1.4	0.04	0.000*	---	4.93	6.64
10548	47286	68107	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.229
10549	47287	68107	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.035
10550	47288	68107	50	449	374.3	1.4	0.04	0.000*	---	6.4	17.148
10551	47289	68107	50	325.7	283	1.4	0.04	0.000*	---	5	7.03
10552	47291	68107	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.897

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10553	47293	68107	50	40.5	72	1.4	0.04	0.000*	---	1.41	0.002
10554	47294	68107	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.678
10555	47296	68107	50	472.2	391.5	1.4	0.04	0.000*	---	6.66	19.346
10556	47297	68107	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
10557	47298	68107	50	173.9	170.7	1.4	0.04	0.000*	---	3.16	0.708
10558	47299	68107	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
10559	47300	68107	50	102.5	117.8	1.4	0.04	0.000*	---	2.24	0.072
10560	47301	68107	50	112.5	125.3	1.4	0.04	0.000*	---	2.37	0.109
10561	47302	68107	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.96
10562	47303	68107	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
10563	47304	68107	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.182
10564	47305	68107	50	329.8	286.1	1.4	0.04	0.000*	---	5.05	7.307
10565	47306	68107	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
10566	47308	68107	50	305	267.7	1.4	0.04	0.000*	---	4.76	5.706
10567	47309	68107	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.422
10568	47311	68107	50	171.4	168.9	1.4	0.04	0.000*	---	3.13	0.668
10569	47312	68107	50	283.6	251.9	1.4	0.04	0.000*	---	4.5	4.488
10570	47313	68107	50	323.8	281.6	1.4	0.04	0.000*	---	4.98	6.898
10571	47314	68107	50	293.4	259.1	1.4	0.04	0.000*	---	4.62	5.024
10572	47315	68107	50	200.7	190.6	1.4	0.04	0.000*	---	3.49	1.263
10573	47316	68107	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
10574	47317	68107	50	171.2	168.7	1.4	0.04	0.000*	---	3.12	0.664
10575	47319	68107	50	118.3	129.6	1.4	0.04	0.000*	---	2.44	0.136
10576	47320	68107	50	148.7	152	1.4	0.04	0.000*	---	2.84	0.367
10577	47321	68107	50	289.1	255.9	1.4	0.04	0.000*	---	4.57	4.787
10578	47322	68107	50	223	207.1	1.4	0.04	0.000*	---	3.77	1.897
10579	47324	68107	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.261
10580	47326	68107	50	137.6	143.8	1.4	0.04	0.000*	---	2.69	0.263
10581	47327	68107	50	211	198.2	1.4	0.04	0.000*	---	3.62	1.535
10582	47328	68107	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.561
10583	47329	68107	50	183.3	177.6	1.4	0.04	0.000*	---	3.27	0.877
10584	47330	68107	50	341	294.3	1.4	0.04	0.000*	---	5.18	8.084
10585	47331	68107	50	218	203.3	1.4	0.04	0.000*	---	3.71	1.738
10586	47332	68107	50	120.7	131.3	1.4	0.04	0.000*	---	2.48	0.149
10587	47333	68107	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.524
10588	47334	68107	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
10589	47335	68107	50	118	129.3	1.4	0.04	0.000*	---	2.44	0.135
10590	47336	68107	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
10591	47338	68107	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.181
10592	47339	68107	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
10593	47340	68107	50	490.4	404.9	1.4	0.04	0.000*	---	6.86	21.099
10594	47341	68107	50	194.5	186	1.4	0.04	0.000*	---	3.42	1.115
10595	47342	68107	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.079
10596	47343	68107	50	300.1	264.1	1.4	0.04	0.000*	---	4.7	5.413
10597	47346	68107	50	392.8	332.6	1.4	0.04	0.000*	---	5.77	12.135
10598	47348	68107	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.237
10599	47349	68107	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.459
10600	47350	68107	50	241.4	220.6	1.4	0.04	0.000*	---	4	2.546
10601	47351	68107	50	50.5	79.3	1.4	0.04	0.000*	---	1.55	0.004
10602	47352	68107	50	70.1	93.8	1.4	0.04	0.000*	---	1.81	0.014
10603	47353	68107	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
10604	47354	68107	50	149	152.3	1.4	0.04	0.000*	---	2.84	0.37
10605	47355	68107	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
10606	47356	68107	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.388
10607	47358	68107	50	340.3	293.8	1.4	0.04	0.000*	---	5.17	8.039
10608	47359	68107	50	234.7	215.7	1.4	0.04	0.000*	---	3.91	2.295
10609	47360	68107	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.431
10610	47362	68107	50	947.6	743.2	1.4	0.04	0.000*	---	11.36	60.659
10611	47363	68107	50	287.4	254.7	1.4	0.04	0.000*	---	4.55	4.693
10612	47364	68107	50	221.2	205.7	1.4	0.04	0.000*	---	3.75	1.837
10613	47365	68107	50	432.5	362	1.4	0.04	0.000*	---	6.22	15.625

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10614	47366	68107	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.347
10615	47368	68107	50	572.7	465.8	1.4	0.04	0.000*	---	7.73	29.199
10616	47369	68107	50	351.5	302.1	1.4	0.04	0.000*	---	5.3	8.851
10617	47371	68107	50	354.5	304.4	1.4	0.04	0.000*	---	5.34	9.081
10618	47373	68107	50	298.3	262.8	1.4	0.04	0.000*	---	4.68	5.31
10619	47375	68107	50	235.6	216.3	1.4	0.04	0.000*	---	3.92	2.326
10620	47377	68107	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.544
10621	47378	68107	50	122	132.3	1.4	0.04	0.000*	---	2.49	0.156
10622	47379	68107	50	379.7	323	1.4	0.04	0.000*	---	5.63	11.051
10623	47380	68107	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
10624	47382	68107	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.072
10625	47383	68107	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.596
10626	47384	68107	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
10627	47385	68107	50	69.9	93.7	1.4	0.04	0.000*	---	1.81	0.014
10628	47386	68107	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.279
10629	47388	68107	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.434
10630	47389	68107	50	426	357.3	1.4	0.04	0.000*	---	6.15	15.041
10631	47390	68107	50	137.9	144	1.4	0.04	0.000*	---	2.7	0.265
10632	47391	68107	50	236.2	216.8	1.4	0.04	0.000*	---	3.93	2.352
10633	47392	68107	50	307.5	269.5	1.4	0.04	0.000*	---	4.79	5.859
10634	47393	68107	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.277
10635	47394	68107	50	269.5	241.4	1.4	0.04	0.000*	---	4.34	3.767
10636	47395	68107	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.434
10637	47396	68107	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.786
10638	47397	68107	50	97.9	114.4	1.4	0.04	0.000*	---	2.18	0.059
10639	47398	68107	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.684
10640	47399	68107	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.482
10641	47400	68107	50	300.5	264.4	1.4	0.04	0.000*	---	4.71	5.439
10642	47402	68107	50	576.4	468.5	1.4	0.04	0.000*	---	7.77	29.565
10643	47404	68107	50	480.4	397.5	1.4	0.04	0.000*	---	6.75	20.126
10644	47405	68107	50	283.3	251.6	1.4	0.04	0.000*	---	4.5	4.469
10645	47406	68107	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.962
10646	47407	68107	50	345.1	297.4	1.4	0.04	0.000*	---	5.23	8.385
10647	47408	68107	50	292.2	258.2	1.4	0.04	0.000*	---	4.61	4.958
10648	47410	68107	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.172
10649	47412	68107	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
10650	47413	68107	50	577.3	469.2	1.4	0.04	0.000*	---	7.78	29.654
10651	47414	68107	50	45	75.3	1.4	0.04	0.000*	---	1.47	0.002
10652	47415	68107	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
10653	47416	68107	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.529
10654	47417	68107	50	157.2	158.4	1.4	0.04	0.000*	---	2.95	0.465
10655	47418	68107	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.674
10656	47419	68107	50	689.2	552	1.4	0.04	0.000*	---	8.92	40.374
10657	47420	68107	50	181.1	176.1	1.4	0.04	0.000*	---	3.25	0.837
10658	47421	68107	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.562
10659	47422	68107	50	314.8	275	1.4	0.04	0.000*	---	4.87	6.317
10660	47423	68107	50	378	321.7	1.4	0.04	0.000*	---	5.61	10.916
10661	47424	68107	50	398	336.5	1.4	0.04	0.000*	---	5.83	12.576
10662	47425	68107	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.046
10663	47426	68107	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.925
10664	47427	68107	50	302.5	265.8	1.4	0.04	0.000*	---	4.73	5.555
10665	47436	68107	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
10666	47437	68107	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
10667	47438	68107	50	309.1	270.7	1.4	0.04	0.000*	---	4.81	5.956
10668	47439	68107	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.71
10669	47440	68107	50	274.7	245.3	1.4	0.04	0.000*	---	4.4	4.027
10670	47441	68107	50	247.5	225.1	1.4	0.04	0.000*	---	4.07	2.787
10671	47444	68107	50	174.1	170.8	1.4	0.04	0.000*	---	3.16	0.711
10672	47445	68107	50	458.2	381	1.4	0.04	0.000*	---	6.5	18.008
10673	47447	68107	50	522.8	428.9	1.4	0.04	0.000*	---	7.21	24.276
10674	47448	68107	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10675	47449	68107	50	389.8	330.5	1.4	0.04	0.000*	---	5.74	11.887
10676	47450	68107	50	252.5	228.9	1.4	0.04	0.000*	---	4.13	2.996
10677	47451	68107	50	196.4	187.3	1.4	0.04	0.000*	---	3.44	1.158
10678	47452	68107	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
10679	47453	68107	50	107.5	121.6	1.4	0.04	0.000*	---	2.3	0.089
10680	47454	68107	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
10681	47455	68107	50	85.9	105.6	1.4	0.04	0.000*	---	2.02	0.033
10682	47456	68107	50	77.7	99.5	1.4	0.04	0.000*	---	1.91	0.021
10683	47457	68107	50	521.7	428.1	1.4	0.04	0.000*	---	7.19	24.165
10684	47458	68107	50	480.3	397.4	1.4	0.04	0.000*	---	6.75	20.124
10685	47460	68107	50	119.4	130.4	1.4	0.04	0.000*	---	2.46	0.142
10686	47461	68107	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
10687	47462	68107	50	119.9	130.8	1.4	0.04	0.000*	---	2.47	0.144
10688	47463	68107	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
10689	47464	68107	50	131.9	139.6	1.4	0.04	0.000*	---	2.62	0.219
10690	47465	68107	50	120.2	131	1.4	0.04	0.000*	---	2.47	0.146
10691	47466	68107	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
10692	47467	68107	50	421.4	353.9	1.4	0.04	0.000*	---	6.1	14.627
10693	47468	68107	50	105.5	120.1	1.4	0.04	0.000*	---	2.28	0.082
10694	47469	68107	50	231.6	213.4	1.4	0.04	0.000*	---	3.88	2.185
10695	47470	68107	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.591
10696	47471	68107	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.321
10697	47473	68107	50	39.4	71.2	1.4	0.04	0.000*	---	1.4	0.001
10698	47474	68107	50	364.8	312	1.4	0.04	0.000*	---	5.46	9.868
10699	47475	68107	50	145.2	149.4	1.4	0.04	0.000*	---	2.79	0.331
10700	47476	68107	50	166.6	165.3	1.4	0.04	0.000*	---	3.06	0.592
10701	47477	68107	50	596.7	483.5	1.4	0.04	0.000*	---	7.98	31.56
10702	47479	68107	50	287	254.4	1.4	0.04	0.000*	---	4.54	4.668
10703	47480	68107	50	257.6	232.6	1.4	0.04	0.000*	---	4.19	3.217
10704	47481	68107	50	225.3	208.7	1.4	0.04	0.000*	---	3.8	1.97
10705	47482	68107	50	123.2	133.1	1.4	0.04	0.000*	---	2.51	0.162
10706	47483	68107	50	558.4	455.2	1.4	0.04	0.000*	---	7.58	27.795
10707	47484	68107	50	194.9	186.2	1.4	0.04	0.000*	---	3.42	1.124
10708	47485	68107	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.871
10709	47487	68107	50	204.9	193.6	1.4	0.04	0.000*	---	3.55	1.368
10710	47488	68107	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
10711	47489	68107	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.696
10712	47491	68107	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.787
10713	47492	68107	50	74.4	97.1	1.4	0.04	0.000*	---	1.87	0.018
10714	47493	68107	50	542.1	443.2	1.4	0.04	0.000*	---	7.41	26.183
10715	47494	68107	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.639
10716	47496	68107	50	64.9	90.1	1.4	0.04	0.000*	---	1.74	0.01
10717	47497	68107	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
10718	47498	68107	50	384.3	326.4	1.4	0.04	0.000*	---	5.68	11.43
10719	47499	68107	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.059
10720	47502	68107	50	269.1	241.2	1.4	0.04	0.000*	---	4.33	3.752
10721	47503	68107	50	526.8	431.8	1.4	0.04	0.000*	---	7.25	24.668
10722	47505	68107	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.529
10723	47507	68107	50	161.7	161.6	1.4	0.04	0.000*	---	3	0.523
10724	47508	68107	50	177.4	173.3	1.4	0.04	0.000*	---	3.2	0.768
10725	47511	68107	50	293.2	259	1.4	0.04	0.000*	---	4.62	5.017
10726	47512	68107	50	119.1	130.1	1.4	0.04	0.000*	---	2.45	0.14
10727	47513	68107	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.786
10728	47514	68107	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
10729	47515	68107	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
10730	47516	68107	50	178.7	174.2	1.4	0.04	0.000*	---	3.22	0.791
10731	47518	68107	50	161.5	161.5	1.4	0.04	0.000*	---	3	0.521
10732	47519	68107	50	220.9	205.5	1.4	0.04	0.000*	---	3.74	1.83
10733	47520	68107	50	160.6	160.9	1.4	0.04	0.000*	---	2.99	0.509
10734	47521	68107	50	229.4	211.7	1.4	0.04	0.000*	---	3.85	2.107
10735	47522	68107	50	97.2	113.9	1.4	0.04	0.000*	---	2.17	0.057

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10736	47523	68107	50	221	205.5	1.4	0.04	0.000*	---	3.74	1.831
10737	47524	68107	50	224.1	207.9	1.4	0.04	0.000*	---	3.78	1.932
10738	47525	68107	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.247
10739	47526	68107	50	192.2	184.2	1.4	0.04	0.000*	---	3.39	1.063
10740	47529	68107	50	598.9	485.2	1.4	0.04	0.000*	---	8	31.78
10741	47530	68107	50	277.5	247.4	1.4	0.04	0.000*	---	4.43	4.17
10742	47531	68107	50	251.4	228.1	1.4	0.04	0.000*	---	4.12	2.951
10743	47532	68107	50	1509.3	1158.9	1.4	0.04	0.000*	---	15.93	83.895
10744	47533	68107	50	437.3	365.6	1.4	0.04	0.000*	---	6.27	16.063
10745	47534	68107	50	362.1	310	1.4	0.04	0.000*	---	5.42	9.659
10746	47535	68107	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
10747	47537	68107	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.943
10748	47538	68107	50	195.6	186.8	1.4	0.04	0.000*	---	3.43	1.14
10749	47539	68107	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.71
10750	47540	68107	50	246	224.1	1.4	0.04	0.000*	---	4.05	2.728
10751	47541	68107	50	267.9	240.3	1.4	0.04	0.000*	---	4.32	3.694
10752	47544	68107	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
10753	47545	68107	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.944
10754	47547	68107	50	507.1	417.3	1.4	0.04	0.000*	---	7.04	22.731
10755	47548	68107	50	453.9	377.9	1.4	0.04	0.000*	---	6.46	17.608
10756	47549	68107	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
10757	47550	68107	50	463.8	385.2	1.4	0.04	0.000*	---	6.57	18.537
10758	47551	68107	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.129
10759	47553	68107	50	255.3	230.9	1.4	0.04	0.000*	---	4.16	3.116
10760	47554	68107	50	166.8	165.4	1.4	0.04	0.000*	---	3.07	0.596
10761	47555	68107	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.02
10762	47556	68107	50	271.4	242.8	1.4	0.04	0.000*	---	4.36	3.859
10763	47557	68107	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.793
10764	47558	68107	50	279.3	248.7	1.4	0.04	0.000*	---	4.45	4.26
10765	47559	68107	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
10766	47560	68107	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.213
10767	47561	68107	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
10768	47562	68107	50	87.5	106.7	1.4	0.04	0.000*	---	2.04	0.036
10769	47563	68107	50	326.6	283.7	1.4	0.04	0.000*	---	5.01	7.087
10770	47564	68107	50	557.7	454.7	1.4	0.04	0.000*	---	7.57	27.721
10771	47565	68107	50	196	187.1	1.4	0.04	0.000*	---	3.44	1.15
10772	47566	68107	50	160.6	160.9	1.4	0.04	0.000*	---	2.99	0.509
10773	47568	68107	50	55.4	83	1.4	0.04	0.000*	---	1.61	0.005
10774	47569	68107	50	242.4	221.4	1.4	0.04	0.000*	---	4.01	2.583
10775	47570	68107	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.143
10776	47571	68107	50	1419.9	1092.8	1.4	0.04	0.000*	---	15.25	81.554
10777	47572	68107	50	577.6	469.4	1.4	0.04	0.000*	---	7.78	29.69
10778	47573	68107	50	255.4	231	1.4	0.04	0.000*	---	4.17	3.12
10779	47574	68107	50	105.5	120.1	1.4	0.04	0.000*	---	2.28	0.082
10780	47576	68107	50	241.7	220.9	1.4	0.04	0.000*	---	4	2.559
10781	47577	68107	50	330.5	286.6	1.4	0.04	0.000*	---	5.06	7.356
10782	47578	68107	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.597
10783	47579	68107	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
10784	47580	68107	50	207.8	195.7	1.4	0.04	0.000*	---	3.58	1.444
10785	47581	68107	50	407.9	343.9	1.4	0.04	0.000*	---	5.95	13.433
10786	47582	68107	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.065
10787	47583	68107	50	171.2	168.7	1.4	0.04	0.000*	---	3.12	0.664
10788	47585	68107	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
10789	47586	68107	50	144.7	149.1	1.4	0.04	0.000*	---	2.78	0.326
10790	47588	68107	50	342.7	295.6	1.4	0.04	0.000*	---	5.2	8.21
10791	47589	68107	50	98.4	114.8	1.4	0.04	0.000*	---	2.18	0.06
10792	47591	68107	50	347.9	299.5	1.4	0.04	0.000*	---	5.26	8.59
10793	47592	68107	50	133.7	141	1.4	0.04	0.000*	---	2.64	0.232
10794	47593	68107	50	482.9	399.3	1.4	0.04	0.000*	---	6.77	20.368
10795	47594	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
10796	47595	68107	50	284.5	252.5	1.4	0.04	0.000*	---	4.52	4.536

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10797	47596	68107	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.99
10798	47597	68107	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
10799	47598	68107	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.855
10800	47600	68107	50	251.7	228.3	1.4	0.04	0.000*	---	4.12	2.963
10801	47603	68107	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.838
10802	47604	68107	50	247.3	225	1.4	0.04	0.000*	---	4.07	2.778
10803	47605	68107	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
10804	47607	68107	50	178.5	174.1	1.4	0.04	0.000*	---	3.22	0.789
10805	47608	68107	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
10806	47609	68107	50	116.7	128.3	1.4	0.04	0.000*	---	2.42	0.128
10807	47610	68107	50	340.4	293.9	1.4	0.04	0.000*	---	5.17	8.044
10808	47611	68107	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
10809	47613	68107	50	228.2	210.9	1.4	0.04	0.000*	---	3.83	2.069
10810	47615	68107	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.24
10811	47616	68107	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.421
10812	47617	68107	50	363.8	311.2	1.4	0.04	0.000*	---	5.44	9.792
10813	47618	68107	50	339.6	293.3	1.4	0.04	0.000*	---	5.17	7.992
10814	47620	68107	50	202.6	191.9	1.4	0.04	0.000*	---	3.52	1.308
10815	47621	68107	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.358
10816	47622	68107	50	267.7	240.1	1.4	0.04	0.000*	---	4.31	3.684
10817	47623	68107	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.262
10818	47624	68107	50	135.4	142.2	1.4	0.04	0.000*	---	2.66	0.245
10819	47625	68107	50	220.2	204.9	1.4	0.04	0.000*	---	3.73	1.805
10820	47626	68107	50	394.6	334	1.4	0.04	0.000*	---	5.8	12.289
10821	47627	68107	50	179.1	174.6	1.4	0.04	0.000*	---	3.22	0.8
10822	47628	68107	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
10823	47629	68107	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
10824	47630	68107	50	436.1	364.7	1.4	0.04	0.000*	---	6.26	15.956
10825	47633	68107	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.433
10826	47634	68107	50	215.9	201.7	1.4	0.04	0.000*	---	3.68	1.674
10827	47635	68107	50	394.8	334.1	1.4	0.04	0.000*	---	5.8	12.306
10828	47636	68107	50	720.4	575.1	1.4	0.04	0.000*	---	9.23	43.189
10829	47638	68107	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
10830	47639	68107	50	412.9	347.5	1.4	0.04	0.000*	---	6	13.868
10831	47642	68107	50	450.4	375.3	1.4	0.04	0.000*	---	6.42	17.28
10832	47643	68107	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.253
10833	47644	68107	50	494.6	408	1.4	0.04	0.000*	---	6.9	21.509
10834	47645	68107	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
10835	47646	68107	50	433.6	362.9	1.4	0.04	0.000*	---	6.23	15.727
10836	47647	68107	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.656
10837	47648	68107	50	231.7	213.5	1.4	0.04	0.000*	---	3.88	2.188
10838	47649	68107	50	510.2	419.6	1.4	0.04	0.000*	---	7.07	23.035
10839	47650	68107	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.416
10840	47651	68107	50	223.4	207.3	1.4	0.04	0.000*	---	3.77	1.908
10841	47652	68107	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
10842	47653	68107	50	369.8	315.6	1.4	0.04	0.000*	---	5.51	10.256
10843	47654	68107	50	423.1	355.1	1.4	0.04	0.000*	---	6.12	14.779
10844	47655	68107	50	359.2	307.8	1.4	0.04	0.000*	---	5.39	9.437
10845	47656	68107	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.117
10846	47659	68107	50	307.8	269.8	1.4	0.04	0.000*	---	4.79	5.879
10847	47660	68107	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.462
10848	47661	68107	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.629
10849	47662	68107	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.455
10850	47663	68107	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
10851	47664	68107	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.591
10852	47665	68107	50	136.7	143.2	1.4	0.04	0.000*	---	2.68	0.256
10853	47669	68107	50	148.8	152.1	1.4	0.04	0.000*	---	2.84	0.368
10854	47670	68107	50	639.5	515.2	1.4	0.04	0.000*	---	8.42	35.712
10855	47672	68107	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.023
10856	47673	68107	50	451.9	376.4	1.4	0.04	0.000*	---	6.44	17.42
10857	47674	68107	50	222.3	206.5	1.4	0.04	0.000*	---	3.76	1.873

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10858	47676	68107	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
10859	47677	68107	50	514	422.4	1.4	0.04	0.000*	---	7.11	23.41
10860	47679	68107	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.869
10861	47680	68107	50	416.3	350.1	1.4	0.04	0.000*	---	6.04	14.172
10862	47681	68107	50	280.4	249.5	1.4	0.04	0.000*	---	4.47	4.317
10863	47682	68107	50	172.6	169.7	1.4	0.04	0.000*	---	3.14	0.686
10864	47683	68107	50	437.4	365.6	1.4	0.04	0.000*	---	6.27	16.071
10865	47684	68107	50	161.9	161.8	1.4	0.04	0.000*	---	3.01	0.527
10866	47685	68107	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.405
10867	47686	68107	50	66.7	91.4	1.4	0.04	0.000*	---	1.76	0.011
10868	47687	68107	50	294.1	259.7	1.4	0.04	0.000*	---	4.63	5.068
10869	47689	68107	50	419.2	352.2	1.4	0.04	0.000*	---	6.07	14.429
10870	47690	68107	50	295.8	260.9	1.4	0.04	0.000*	---	4.65	5.161
10871	47691	68107	50	356.6	305.9	1.4	0.04	0.000*	---	5.36	9.236
10872	47692	68107	50	448	373.5	1.4	0.04	0.000*	---	6.39	17.059
10873	47693	68107	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
10874	47694	68107	50	135.2	142.1	1.4	0.04	0.000*	---	2.66	0.244
10875	47695	68107	50	196.3	187.3	1.4	0.04	0.000*	---	3.44	1.156
10876	47696	68107	50	311.4	272.4	1.4	0.04	0.000*	---	4.83	6.099
10877	47697	68107	50	137	143.4	1.4	0.04	0.000*	---	2.69	0.258
10878	47699	68107	50	119	130.1	1.4	0.04	0.000*	---	2.45	0.14
10879	47703	68107	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
10880	47704	68107	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
10881	47705	68107	50	77.7	99.5	1.4	0.04	0.000*	---	1.91	0.021
10882	47706	68107	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
10883	47707	68107	50	322.3	280.5	1.4	0.04	0.000*	---	4.96	6.801
10884	47708	68107	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
10885	47710	68107	50	360	308.4	1.4	0.04	0.000*	---	5.4	9.497
10886	47711	68107	50	120.3	131	1.4	0.04	0.000*	---	2.47	0.146
10887	47712	68107	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.623
10888	47713	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
10889	47714	68107	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
10890	47715	68107	50	246.7	224.6	1.4	0.04	0.000*	---	4.06	2.755
10891	47716	68107	50	468.9	389	1.4	0.04	0.000*	---	6.62	19.028
10892	47717	68107	50	569.6	463.5	1.4	0.04	0.000*	---	7.7	28.898
10893	47718	68107	50	435.6	364.3	1.4	0.04	0.000*	---	6.26	15.909
10894	47719	68107	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.516
10895	47721	68107	50	262.5	236.2	1.4	0.04	0.000*	---	4.25	3.437
10896	47722	68107	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.435
10897	47723	68107	50	203.7	192.7	1.4	0.04	0.000*	---	3.53	1.337
10898	47724	68107	50	534.1	437.3	1.4	0.04	0.000*	---	7.33	25.391
10899	47727	68107	50	322.1	280.3	1.4	0.04	0.000*	---	4.96	6.787
10900	47728	68107	50	314.8	274.9	1.4	0.04	0.000*	---	4.87	6.313
10901	47730	68107	50	622	502.2	1.4	0.04	0.000*	---	8.24	34.023
10902	47731	68107	50	196.1	187.1	1.4	0.04	0.000*	---	3.44	1.152
10903	47732	68107	50	476.5	394.6	1.4	0.04	0.000*	---	6.7	19.751
10904	47733	68107	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.394
10905	47734	68107	50	326.7	283.8	1.4	0.04	0.000*	---	5.01	7.095
10906	47735	68107	50	437.9	366	1.4	0.04	0.000*	---	6.28	16.12
10907	47738	68107	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.215
10908	47739	68107	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.911
10909	47740	68107	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
10910	47741	68107	50	701.3	561	1.4	0.04	0.000*	---	9.04	41.478
10911	47742	68107	50	98	114.6	1.4	0.04	0.000*	---	2.18	0.059
10912	47744	68107	50	136.8	143.3	1.4	0.04	0.000*	---	2.68	0.257
10913	47745	68107	50	244.1	222.6	1.4	0.04	0.000*	---	4.03	2.65
10914	47746	68107	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
10915	47747	68107	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
10916	47748	68107	50	431.3	361.2	1.4	0.04	0.000*	---	6.21	15.52
10917	47749	68107	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.302
10918	47750	68107	50	126.1	135.3	1.4	0.04	0.000*	---	2.54	0.18

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GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10919	47753	68107	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.906
10920	47754	68107	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.047
10921	47755	68107	50	153.6	155.6	1.4	0.04	0.000*	---	2.9	0.421
10922	47756	68107	50	248.1	225.6	1.4	0.04	0.000*	---	4.08	2.811
10923	47757	68107	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
10924	47760	68107	50	205.7	194.2	1.4	0.04	0.000*	---	3.56	1.39
10925	47761	68107	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.739
10926	47763	68107	50	744.7	593	1.4	0.04	0.000*	---	9.46	45.319
10927	47765	68107	50	445	371.3	1.4	0.04	0.000*	---	6.36	16.776
10928	47766	68107	50	152.1	154.6	1.4	0.04	0.000*	---	2.88	0.404
10929	47767	68107	50	508.1	418	1.4	0.04	0.000*	---	7.05	22.83
10930	47768	68107	50	443.1	369.9	1.4	0.04	0.000*	---	6.34	16.603
10931	47770	68107	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
10932	47771	68107	50	294.4	259.9	1.4	0.04	0.000*	---	4.63	5.084
10933	47772	68107	50	217	202.6	1.4	0.04	0.000*	---	3.7	1.709
10934	47775	68107	50	412.3	347.1	1.4	0.04	0.000*	---	6	13.818
10935	47776	68107	50	545.8	445.9	1.4	0.04	0.000*	---	7.45	26.549
10936	47777	68107	50	344.5	296.9	1.4	0.04	0.000*	---	5.22	8.339
10937	47778	68107	50	127.4	136.3	1.4	0.04	0.000*	---	2.56	0.188
10938	47779	68107	50	161.3	161.3	1.4	0.04	0.000*	---	3	0.517
10939	47780	68107	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.007
10940	47781	68107	50	265.8	238.7	1.4	0.04	0.000*	---	4.29	3.59
10941	47782	68107	50	313.4	273.9	1.4	0.04	0.000*	---	4.86	6.228
10942	47783	68107	50	486.5	402	1.4	0.04	0.000*	---	6.81	20.724
10943	47786	68107	50	451.6	376.2	1.4	0.04	0.000*	---	6.43	17.39
10944	47787	68107	50	301.6	265.2	1.4	0.04	0.000*	---	4.72	5.5
10945	47788	68107	50	332.4	288	1.4	0.04	0.000*	---	5.08	7.481
10946	47789	68107	50	408.1	344	1.4	0.04	0.000*	---	5.95	13.447
10947	47791	68107	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
10948	47793	68107	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.962
10949	47794	68107	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.312
10950	47795	68107	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
10951	47796	68107	50	247.1	224.9	1.4	0.04	0.000*	---	4.06	2.772
10952	47797	68107	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.022
10953	47798	68107	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.944
10954	47799	68107	50	110.2	123.5	1.4	0.04	0.000*	---	2.34	0.099
10955	47802	68107	50	226.3	209.5	1.4	0.04	0.000*	---	3.81	2.004
10956	47803	68107	50	147.9	151.5	1.4	0.04	0.000*	---	2.83	0.359
10957	47804	68107	50	181.3	176.1	1.4	0.04	0.000*	---	3.25	0.839
10958	47806	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
10959	47807	68107	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
10960	47809	68107	50	265.6	238.6	1.4	0.04	0.000*	---	4.29	3.583
10961	47810	68107	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
10962	47811	68107	50	290.2	256.8	1.4	0.04	0.000*	---	4.58	4.848
10963	47812	68107	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
10964	47813	68107	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.149
10965	47814	68107	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.273
10966	47815	68107	50	239.8	219.4	1.4	0.04	0.000*	---	3.98	2.484
10967	47816	68107	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.104
10968	47818	68107	50	494.3	407.8	1.4	0.04	0.000*	---	6.9	21.48
10969	47819	68107	50	58	85	1.4	0.04	0.000*	---	1.65	0.006
10970	47820	68107	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.059
10971	47821	68107	50	186.3	179.8	1.4	0.04	0.000*	---	3.31	0.937
10972	47822	68107	50	173.8	170.6	1.4	0.04	0.000*	---	3.16	0.706
10973	47823	68107	50	307.6	269.6	1.4	0.04	0.000*	---	4.79	5.867
10974	47826	68107	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.531
10975	47830	68107	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.621
10976	47831	68107	50	1108.4	862.2	1.4	0.04	0.000*	---	12.76	69.77
10977	47832	68107	50	166.6	165.3	1.4	0.04	0.000*	---	3.06	0.592
10978	47833	68107	50	175.2	171.6	1.4	0.04	0.000*	---	3.17	0.73
10979	47834	68107	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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Run Mode: Research

* : signify default values used in place of missing input data.
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
10980	47835	68107	50	250	227	1.4	0.04	0.000*	---	4.1	2.889
10981	47836	68107	50	269.8	241.7	1.4	0.04	0.000*	---	4.34	3.785
10982	47838	68107	50	131.9	139.6	1.4	0.04	0.000*	---	2.62	0.219
10983	47839	68107	50	192.1	184.2	1.4	0.04	0.000*	---	3.39	1.061
10984	47840	68107	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
10985	47841	68107	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
10986	47842	68107	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
10987	47846	68107	50	331.4	287.3	1.4	0.04	0.000*	---	5.07	7.416
10988	47847	68107	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
10989	47848	68107	50	457	380.2	1.4	0.04	0.000*	---	6.49	17.9
10990	47850	68107	50	295.2	260.4	1.4	0.04	0.000*	---	4.64	5.127
10991	47851	68107	50	637	513.4	1.4	0.04	0.000*	---	8.39	35.469
10992	47852	68107	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.747
10993	47856	68107	50	116.8	128.5	1.4	0.04	0.000*	---	2.43	0.129
10994	47858	68107	50	516.3	424.1	1.4	0.04	0.000*	---	7.14	23.636
10995	47859	68107	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.912
10996	47860	68107	50	239.6	219.3	1.4	0.04	0.000*	---	3.97	2.477
10997	47861	68107	50	544.1	444.6	1.4	0.04	0.000*	---	7.43	26.376
10998	47862	68107	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.324
10999	47863	68107	50	538	440.1	1.4	0.04	0.000*	---	7.37	25.769
11000	47865	68107	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
11001	47866	68107	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.337
11002	47867	68107	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.439
11003	47868	68107	50	440.5	368	1.4	0.04	0.000*	---	6.31	16.358
11004	47870	68107	50	267.7	240.1	1.4	0.04	0.000*	---	4.31	3.684
11005	47872	68107	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.482
11006	47875	68107	50	327.2	284.1	1.4	0.04	0.000*	---	5.02	7.127
11007	47876	68107	50	129.8	138	1.4	0.04	0.000*	---	2.59	0.204
11008	47878	68107	50	214.8	201	1.4	0.04	0.000*	---	3.67	1.643
11009	47879	68107	50	270.9	242.5	1.4	0.04	0.000*	---	4.35	3.838
11010	47880	68107	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.3
11011	47884	68107	50	267.2	239.8	1.4	0.04	0.000*	---	4.31	3.66
11012	47885	68107	50	598.4	484.8	1.4	0.04	0.000*	---	8	31.728
11013	47886	68107	50	420.1	352.9	1.4	0.04	0.000*	---	6.08	14.509
11014	47887	68107	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.3
11015	47888	68107	50	165.3	164.4	1.4	0.04	0.000*	---	3.05	0.574
11016	47890	68107	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.57
11017	47893	68107	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
11018	47894	68107	50	308	270	1.4	0.04	0.000*	---	4.79	5.892
11019	47895	68107	50	673.1	540.1	1.4	0.04	0.000*	---	8.76	38.88
11020	47896	68107	50	590.2	478.7	1.4	0.04	0.000*	---	7.91	30.927
11021	47898	68107	50	349.7	300.8	1.4	0.04	0.000*	---	5.28	8.723
11022	47899	68107	50	257.8	232.7	1.4	0.04	0.000*	---	4.19	3.224
11023	47900	68107	50	261.4	235.4	1.4	0.04	0.000*	---	4.24	3.387
11024	47902	68107	50	393.6	333.3	1.4	0.04	0.000*	---	5.78	12.205
11025	47904	68107	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.102
11026	47905	68107	50	307.7	269.7	1.4	0.04	0.000*	---	4.79	5.871
11027	47906	68107	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
11028	47908	68107	50	408.2	344.1	1.4	0.04	0.000*	---	5.95	13.461
11029	47909	68107	50	97.8	114.3	1.4	0.04	0.000*	---	2.18	0.059
11030	47910	68107	50	123	133	1.4	0.04	0.000*	---	2.51	0.161
11031	47911	68107	50	392.9	332.8	1.4	0.04	0.000*	---	5.78	12.149
11032	47912	68107	50	281.3	250.1	1.4	0.04	0.000*	---	4.48	4.364
11033	47913	68107	50	469.9	389.7	1.4	0.04	0.000*	---	6.63	19.122
11034	47919	68107	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.547
11035	47921	68107	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
11036	47922	68107	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.973
11037	47924	68107	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.509
11038	47925	68107	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
11039	47926	68107	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.868
11040	47927	68107	50	371.8	317.1	1.4	0.04	0.000*	---	5.54	10.413

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11041	47928	68107	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
11042	47929	68107	50	313.4	273.9	1.4	0.04	0.000*	---	4.86	6.228
11043	47930	68107	50	331.2	287.1	1.4	0.04	0.000*	---	5.07	7.4
11044	47931	68107	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.273
11045	47933	68107	50	170	167.8	1.4	0.04	0.000*	---	3.11	0.645
11046	47934	68107	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.452
11047	47935	68107	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.083
11048	47936	68107	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.55
11049	47937	68107	50	474.4	393.1	1.4	0.04	0.000*	---	6.68	19.558
11050	47938	68107	50	543.8	444.4	1.4	0.04	0.000*	---	7.43	26.343
11051	47939	68107	50	479.2	396.6	1.4	0.04	0.000*	---	6.73	20.012
11052	47942	68107	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.292
11053	47943	68107	50	428.4	359	1.4	0.04	0.000*	---	6.18	15.254
11054	47944	68107	50	443.4	370.1	1.4	0.04	0.000*	---	6.34	16.623
11055	47945	68107	50	258.1	233	1.4	0.04	0.000*	---	4.2	3.241
11056	47946	68107	50	66.9	91.5	1.4	0.04	0.000*	---	1.77	0.011
11057	47947	68107	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.085
11058	47950	68107	50	398.7	337	1.4	0.04	0.000*	---	5.84	12.64
11059	47951	68107	50	169	167	1.4	0.04	0.000*	---	3.09	0.629
11060	47952	68107	50	521.3	427.7	1.4	0.04	0.000*	---	7.19	24.121
11061	47953	68107	50	377.8	321.6	1.4	0.04	0.000*	---	5.6	10.9
11062	47954	68107	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.16
11063	47956	68107	50	546.2	446.2	1.4	0.04	0.000*	---	7.45	26.581
11064	47957	68107	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
11065	47960	68107	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.447
11066	47961	68107	50	415.9	349.8	1.4	0.04	0.000*	---	6.04	14.137
11067	47962	68107	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.102
11068	47963	68107	50	823	651	1.4	0.04	0.000*	---	10.21	51.775
11069	47964	68107	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.023
11070	47965	68107	50	542.4	443.4	1.4	0.04	0.000*	---	7.41	26.208
11071	47966	68107	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
11072	47967	68107	50	287.7	254.9	1.4	0.04	0.000*	---	4.55	4.71
11073	47968	68107	50	137	143.4	1.4	0.04	0.000*	---	2.69	0.258
11074	47969	68107	50	745.6	593.7	1.4	0.04	0.000*	---	9.47	45.399
11075	47971	68107	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.787
11076	47972	68107	50	227.9	210.7	1.4	0.04	0.000*	---	3.83	2.058
11077	47975	68107	50	166.4	165.2	1.4	0.04	0.000*	---	3.06	0.59
11078	47977	68107	50	575.1	467.6	1.4	0.04	0.000*	---	7.76	29.443
11079	47978	68107	50	516.6	424.3	1.4	0.04	0.000*	---	7.14	23.666
11080	47979	68107	50	508.6	418.4	1.4	0.04	0.000*	---	7.05	22.88
11081	47981	68107	50	274.5	245.1	1.4	0.04	0.000*	---	4.4	4.014
11082	47984	68107	50	106.8	121	1.4	0.04	0.000*	---	2.29	0.087
11083	47985	68107	50	465	386.1	1.4	0.04	0.000*	---	6.58	18.651
11084	47986	68107	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
11085	47987	68107	50	536.2	438.8	1.4	0.04	0.000*	---	7.35	25.593
11086	47988	68107	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.432
11087	47989	68107	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.017
11088	47990	68107	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
11089	47991	68107	50	169.8	167.6	1.4	0.04	0.000*	---	3.1	0.641
11090	47992	68107	50	445.9	372	1.4	0.04	0.000*	---	6.37	16.862
11091	47994	68107	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
11092	47996	68107	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
11093	47997	68107	50	321.9	280.2	1.4	0.04	0.000*	---	4.96	6.775
11094	47999	68107	50	274.6	245.2	1.4	0.04	0.000*	---	4.4	4.022
11095	48002	68107	50	484.1	400.2	1.4	0.04	0.000*	---	6.79	20.486
11096	48003	68107	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
11097	48005	68107	50	501.7	413.2	1.4	0.04	0.000*	---	6.98	22.196
11098	48006	68107	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.904
11099	48007	68107	50	647	520.8	1.4	0.04	0.000*	---	8.5	36.431
11100	48009	68107	50	248.2	225.7	1.4	0.04	0.000*	---	4.08	2.816
11101	48014	68107	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.614

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11102	48015	68107	50	479.8	397	1.4	0.04	0.000*	---	6.74	20.071
11103	48016	68107	50	537.2	439.5	1.4	0.04	0.000*	---	7.36	25.691
11104	48018	68107	50	205.2	193.9	1.4	0.04	0.000*	---	3.55	1.377
11105	48019	68107	50	451.5	376.1	1.4	0.04	0.000*	---	6.43	17.377
11106	48020	68107	50	337.8	292	1.4	0.04	0.000*	---	5.14	7.86
11107	48021	68107	50	471.6	391	1.4	0.04	0.000*	---	6.65	19.281
11108	48026	68107	50	342.6	295.5	1.4	0.04	0.000*	---	5.2	8.203
11109	48030	68107	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.373
11110	48031	68107	50	359	307.7	1.4	0.04	0.000*	---	5.39	9.419
11111	48033	68107	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.051
11112	48035	68107	50	241.1	220.4	1.4	0.04	0.000*	---	3.99	2.534
11113	48036	68107	50	39.5	71.2	1.4	0.04	0.000*	---	1.4	0.001
11114	48037	68107	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.601
11115	48038	68107	50	386.3	327.9	1.4	0.04	0.000*	---	5.7	11.598
11116	48039	68107	50	838.2	662.2	1.4	0.04	0.000*	---	10.35	52.944
11117	48040	68107	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.626
11118	48041	68107	50	315.4	275.4	1.4	0.04	0.000*	---	4.88	6.35
11119	48043	68107	50	338.3	292.3	1.4	0.04	0.000*	---	5.15	7.895
11120	48044	68107	50	311.8	272.7	1.4	0.04	0.000*	---	4.84	6.124
11121	48045	68107	50	247.6	225.3	1.4	0.04	0.000*	---	4.07	2.794
11122	48046	68107	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
11123	48048	68107	50	227.8	210.6	1.4	0.04	0.000*	---	3.83	2.054
11124	48049	68107	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.856
11125	48050	68107	50	97.5	114.1	1.4	0.04	0.000*	---	2.17	0.058
11126	48051	68107	50	112.8	125.4	1.4	0.04	0.000*	---	2.37	0.11
11127	48052	68107	50	321.3	279.8	1.4	0.04	0.000*	---	4.95	6.734
11128	48053	68107	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.686
11129	48054	68107	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.275
11130	48055	68107	50	417.7	351.1	1.4	0.04	0.000*	---	6.06	14.295
11131	48056	68107	50	288.7	255.6	1.4	0.04	0.000*	---	4.57	4.762
11132	48057	68107	50	541.7	442.8	1.4	0.04	0.000*	---	7.41	26.136
11133	48058	68107	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.819
11134	48060	68107	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
11135	48061	68107	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.96
11136	48062	68107	50	255.1	230.8	1.4	0.04	0.000*	---	4.16	3.108
11137	48064	68107	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.517
11138	48065	68107	50	621	501.5	1.4	0.04	0.000*	---	8.23	33.93
11139	48066	68107	50	219.9	204.8	1.4	0.04	0.000*	---	3.73	1.799
11140	48067	68107	50	332.7	288.2	1.4	0.04	0.000*	---	5.08	7.506
11141	48068	68107	50	165.2	164.3	1.4	0.04	0.000*	---	3.05	0.573
11142	48069	68107	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
11143	48071	68107	50	356.9	306.1	1.4	0.04	0.000*	---	5.36	9.256
11144	48072	68107	50	221	205.6	1.4	0.04	0.000*	---	3.75	1.833
11145	48073	68107	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.502
11146	48074	68107	50	743.1	591.9	1.4	0.04	0.000*	---	9.45	45.188
11147	48078	68107	50	341	294.3	1.4	0.04	0.000*	---	5.18	8.086
11148	48080	68107	50	345.6	297.7	1.4	0.04	0.000*	---	5.23	8.419
11149	48082	68107	50	412.4	347.1	1.4	0.04	0.000*	---	6	13.821
11150	48083	68107	50	251.3	228	1.4	0.04	0.000*	---	4.12	2.945
11151	48085	68107	50	406.9	343.1	1.4	0.04	0.000*	---	5.93	13.346
11152	48088	68107	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
11153	48090	68107	50	623.8	503.6	1.4	0.04	0.000*	---	8.26	34.204
11154	48091	68107	50	382.5	325	1.4	0.04	0.000*	---	5.66	11.281
11155	48092	68107	50	561.4	457.4	1.4	0.04	0.000*	---	7.61	28.086
11156	48093	68107	50	525.3	430.7	1.4	0.04	0.000*	---	7.23	24.516
11157	48096	68107	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.514
11158	48097	68107	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.231
11159	48098	68107	50	171.3	168.7	1.4	0.04	0.000*	---	3.12	0.665
11160	48099	68107	50	318	277.4	1.4	0.04	0.000*	---	4.91	6.523
11161	48100	68107	50	47	76.8	1.4	0.04	0.000*	---	1.5	0.003
11162	48101	68107	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11163	48102	68107	50	234.9	215.9	1.4	0.04	0.000*	---	3.92	2.304
11164	48107	68107	50	307.1	269.3	1.4	0.04	0.000*	---	4.78	5.835
11165	48108	68107	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.876
11166	48109	68107	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
11167	48110	68107	50	222.1	206.3	1.4	0.04	0.000*	---	3.76	1.865
11168	48113	68107	50	918.5	721.7	1.4	0.04	0.000*	---	11.09	58.731
11169	48115	68107	50	283.7	251.9	1.4	0.04	0.000*	---	4.51	4.492
11170	48116	68107	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.592
11171	48117	68107	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.433
11172	48118	68107	50	373.8	318.6	1.4	0.04	0.000*	---	5.56	10.579
11173	48120	68107	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.628
11174	48121	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.071
11175	48122	68107	50	268.7	240.9	1.4	0.04	0.000*	---	4.33	3.732
11176	48124	68107	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.08
11177	48125	68107	50	103.9	118.9	1.4	0.04	0.000*	---	2.26	0.077
11178	48126	68107	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.225
11179	48127	68107	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
11180	48128	68107	50	305.4	268	1.4	0.04	0.000*	---	4.76	5.728
11181	48129	68107	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.397
11182	48131	68107	50	511.8	420.7	1.4	0.04	0.000*	---	7.09	23.19
11183	48133	68107	50	380.6	323.6	1.4	0.04	0.000*	---	5.64	11.125
11184	48135	68107	50	373.6	318.5	1.4	0.04	0.000*	---	5.56	10.561
11185	48138	68107	50	240.2	219.8	1.4	0.04	0.000*	---	3.98	2.501
11186	48139	68107	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.703
11187	48140	68107	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
11188	48141	68107	50	142.8	147.6	1.4	0.04	0.000*	---	2.76	0.308
11189	48142	68107	50	404.6	341.4	1.4	0.04	0.000*	---	5.91	13.144
11190	48143	68107	50	86.7	106.2	1.4	0.04	0.000*	---	2.03	0.035
11191	48144	68107	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
11192	48146	68107	50	172.9	170	1.4	0.04	0.000*	---	3.14	0.692
11193	48147	68107	50	372.8	317.9	1.4	0.04	0.000*	---	5.55	10.496
11194	48148	68107	50	192.8	184.7	1.4	0.04	0.000*	---	3.39	1.076
11195	48149	68107	50	332.2	287.8	1.4	0.04	0.000*	---	5.08	7.467
11196	48150	68107	50	245.2	223.5	1.4	0.04	0.000*	---	4.04	2.697
11197	48152	68107	50	103.3	118.4	1.4	0.04	0.000*	---	2.25	0.075
11198	48153	68107	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
11199	48154	68107	50	191	183.3	1.4	0.04	0.000*	---	3.37	1.036
11200	48159	68107	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
11201	48163	68107	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.796
11202	48164	68107	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.863
11203	48165	68107	50	311	272.1	1.4	0.04	0.000*	---	4.83	6.075
11204	48167	68107	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.182
11205	48168	68107	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
11206	48170	68107	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.182
11207	48171	68107	50	208.1	196	1.4	0.04	0.000*	---	3.59	1.455
11208	48174	68107	50	369.3	315.3	1.4	0.04	0.000*	---	5.51	10.217
11209	48175	68107	50	470.5	390.2	1.4	0.04	0.000*	---	6.64	19.18
11210	48176	68107	50	250.5	227.4	1.4	0.04	0.000*	---	4.11	2.91
11211	48179	68107	50	155.6	157.2	1.4	0.04	0.000*	---	2.92	0.445
11212	48180	68107	50	173.7	170.6	1.4	0.04	0.000*	---	3.15	0.705
11213	48181	68107	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.161
11214	48182	68107	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.265
11215	48183	68107	50	317.8	277.2	1.4	0.04	0.000*	---	4.91	6.508
11216	48184	68107	50	361.6	309.6	1.4	0.04	0.000*	---	5.42	9.621
11217	48185	68107	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
11218	48187	68107	50	264	237.4	1.4	0.04	0.000*	---	4.27	3.51
11219	48189	68107	50	146.5	150.4	1.4	0.04	0.000*	---	2.81	0.344
11220	48191	68107	50	206.6	194.9	1.4	0.04	0.000*	---	3.57	1.414
11221	48193	68107	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.982
11222	48194	68107	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
11223	48195	68107	50	223.2	207.2	1.4	0.04	0.000*	---	3.77	1.901

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11224	48196	68107	50	322.8	280.9	1.4	0.04	0.000*	---	4.97	6.834
11225	48199	68107	50	36.2	68.8	1.4	0.04	0.000*	---	1.35	0.001
11226	48200	68107	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.546
11227	48202	68107	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
11228	48205	68107	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.035
11229	48206	68107	50	278.8	248.3	1.4	0.04	0.000*	---	4.45	4.233
11230	48208	68107	50	154.8	156.5	1.4	0.04	0.000*	---	2.91	0.435
11231	48210	68107	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.057
11232	48211	68107	50	232.6	214.1	1.4	0.04	0.000*	---	3.89	2.22
11233	48214	68107	50	187.8	181	1.4	0.04	0.000*	---	3.33	0.968
11234	48215	68107	50	220.5	205.2	1.4	0.04	0.000*	---	3.74	1.817
11235	48216	68107	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.993
11236	48219	68107	50	84.3	104.3	1.4	0.04	0.000*	---	2	0.03
11237	48221	68107	50	511.8	420.7	1.4	0.04	0.000*	---	7.09	23.185
11238	48222	68107	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
11239	48223	68107	50	447.5	373.1	1.4	0.04	0.000*	---	6.39	17.006
11240	48224	68107	50	246.9	224.7	1.4	0.04	0.000*	---	4.06	2.764
11241	48225	68107	50	425.8	357.1	1.4	0.04	0.000*	---	6.15	15.019
11242	48226	68107	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.453
11243	48227	68107	50	131.4	139.2	1.4	0.04	0.000*	---	2.61	0.215
11244	48230	68107	50	316.7	276.4	1.4	0.04	0.000*	---	4.9	6.437
11245	48232	68107	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.978
11246	48233	68107	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.185
11247	48234	68107	50	166.3	165	1.4	0.04	0.000*	---	3.06	0.588
11248	48235	68107	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.168
11249	48236	68107	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.768
11250	48237	68107	50	264.7	237.9	1.4	0.04	0.000*	---	4.28	3.538
11251	48239	68107	50	399	337.3	1.4	0.04	0.000*	---	5.85	12.665
11252	48240	68107	50	301.8	265.3	1.4	0.04	0.000*	---	4.72	5.513
11253	48241	68107	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.272
11254	48242	68107	50	144.7	149.1	1.4	0.04	0.000*	---	2.79	0.327
11255	48244	68107	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
11256	48245	68107	50	656.9	528.1	1.4	0.04	0.000*	---	8.59	37.365
11257	48248	68107	50	362.9	310.6	1.4	0.04	0.000*	---	5.43	9.721
11258	48249	68107	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.059
11259	48250	68107	50	102	117.5	1.4	0.04	0.000*	---	2.23	0.071
11260	48251	68107	50	363.6	311.1	1.4	0.04	0.000*	---	5.44	9.774
11261	48254	68107	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.829
11262	48255	68107	50	404.1	341.1	1.4	0.04	0.000*	---	5.9	13.106
11263	48257	68107	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.734
11264	48258	68107	50	285.2	253	1.4	0.04	0.000*	---	4.52	4.572
11265	48260	68107	50	220.9	205.4	1.4	0.04	0.000*	---	3.74	1.828
11266	48261	68107	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.253
11267	48266	68107	50	234.9	215.9	1.4	0.04	0.000*	---	3.92	2.304
11268	48267	68107	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
11269	48269	68107	50	265.4	238.4	1.4	0.04	0.000*	---	4.29	3.574
11270	48270	68107	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
11271	48271	68107	50	214.2	200.5	1.4	0.04	0.000*	---	3.66	1.626
11272	48272	68107	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
11273	48273	68107	50	203.9	192.9	1.4	0.04	0.000*	---	3.53	1.341
11274	48275	68107	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.61
11275	48276	68107	50	253.3	229.5	1.4	0.04	0.000*	---	4.14	3.031
11276	48277	68107	50	170.6	168.2	1.4	0.04	0.000*	---	3.11	0.654
11277	48279	68107	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
11278	48280	68107	50	239.3	219.1	1.4	0.04	0.000*	---	3.97	2.465
11279	48281	68107	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.262
11280	48282	68107	50	153.4	155.5	1.4	0.04	0.000*	---	2.9	0.419
11281	48283	68107	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.132
11282	48285	68107	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
11283	48286	68107	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.239
11284	48287	68107	50	168.2	166.5	1.4	0.04	0.000*	---	3.08	0.617

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11285	48289	68107	50	255.1	230.8	1.4	0.04	0.000*	---	4.16	3.109
11286	48292	68107	50	599.5	485.6	1.4	0.04	0.000*	---	8.01	31.836
11287	48293	68107	50	125.6	134.9	1.4	0.04	0.000*	---	2.54	0.177
11288	48295	68107	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
11289	48296	68107	50	210	197.4	1.4	0.04	0.000*	---	3.61	1.506
11290	48297	68107	50	251.4	228	1.4	0.04	0.000*	---	4.12	2.948
11291	48299	68107	50	573.4	466.3	1.4	0.04	0.000*	---	7.74	29.271
11292	48300	68107	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
11293	48302	68107	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.777
11294	48305	68107	50	735.2	586	1.4	0.04	0.000*	---	9.37	44.497
11295	48308	68107	50	520.8	427.4	1.4	0.04	0.000*	---	7.18	24.079
11296	48309	68107	50	94.5	111.9	1.4	0.04	0.000*	---	2.13	0.05
11297	48310	68107	50	114	126.3	1.4	0.04	0.000*	---	2.39	0.115
11298	48311	68107	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.336
11299	48312	68107	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.414
11300	48313	68107	50	299.9	264	1.4	0.04	0.000*	---	4.7	5.405
11301	48314	68107	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
11302	48315	68107	50	278.8	248.3	1.4	0.04	0.000*	---	4.45	4.237
11303	48317	68107	50	209.8	197.2	1.4	0.04	0.000*	---	3.61	1.5
11304	48319	68107	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.237
11305	48320	68107	50	106.6	120.8	1.4	0.04	0.000*	---	2.29	0.086
11306	48324	68107	50	327.6	284.4	1.4	0.04	0.000*	---	5.02	7.153
11307	48327	68107	50	205.5	194.1	1.4	0.04	0.000*	---	3.55	1.383
11308	48328	68107	50	292	258.1	1.4	0.04	0.000*	---	4.6	4.948
11309	48331	68107	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.964
11310	48332	68107	50	156.7	158	1.4	0.04	0.000*	---	2.94	0.459
11311	48334	68107	50	554.5	452.4	1.4	0.04	0.000*	---	7.54	27.41
11312	48335	68107	50	105.9	120.3	1.4	0.04	0.000*	---	2.28	0.083
11313	48336	68107	50	236.3	216.9	1.4	0.04	0.000*	---	3.93	2.354
11314	48338	68107	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575
11315	48340	68107	50	312.3	273.1	1.4	0.04	0.000*	---	4.85	6.159
11316	48341	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
11317	48342	68107	50	177.4	173.3	1.4	0.04	0.000*	---	3.2	0.769
11318	48343	68107	50	116.1	127.9	1.4	0.04	0.000*	---	2.41	0.125
11319	48345	68107	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.078
11320	48347	68107	50	393.1	332.9	1.4	0.04	0.000*	---	5.78	12.166
11321	48349	68107	50	136.7	143.1	1.4	0.04	0.000*	---	2.68	0.255
11322	48350	68107	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.073
11323	48352	68107	50	105.1	119.8	1.4	0.04	0.000*	---	2.27	0.081
11324	48353	68107	50	280.1	249.3	1.4	0.04	0.000*	---	4.46	4.304
11325	48354	68107	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.164
11326	48359	68107	50	153.4	155.5	1.4	0.04	0.000*	---	2.9	0.419
11327	48361	68107	50	178	173.8	1.4	0.04	0.000*	---	3.21	0.78
11328	48363	68107	50	319.3	278.3	1.4	0.04	0.000*	---	4.93	6.603
11329	48364	68107	50	340.6	294	1.4	0.04	0.000*	---	5.18	8.058
11330	48365	68107	50	301.1	264.8	1.4	0.04	0.000*	---	4.71	5.472
11331	48367	68107	50	113.6	126	1.4	0.04	0.000*	---	2.38	0.114
11332	48368	68107	50	199	189.2	1.4	0.04	0.000*	---	3.47	1.219
11333	48369	68107	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
11334	48373	68107	50	352.4	302.8	1.4	0.04	0.000*	---	5.31	8.923
11335	48378	68107	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.528
11336	48379	68107	50	79.9	101.1	1.4	0.04	0.000*	---	1.94	0.024
11337	48380	68107	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.843
11338	48382	68107	50	253.3	229.5	1.4	0.04	0.000*	---	4.14	3.031
11339	48383	68107	50	116.9	128.5	1.4	0.04	0.000*	---	2.43	0.129
11340	48384	68107	50	253.7	229.8	1.4	0.04	0.000*	---	4.14	3.048
11341	48385	68107	50	114.4	126.7	1.4	0.04	0.000*	---	2.39	0.117
11342	48386	68107	50	166.3	165.1	1.4	0.04	0.000*	---	3.06	0.588
11343	48387	68107	50	249.6	226.7	1.4	0.04	0.000*	---	4.09	2.873
11344	48389	68107	50	123.3	133.3	1.4	0.04	0.000*	---	2.51	0.163
11345	48390	68107	50	441.3	368.5	1.4	0.04	0.000*	---	6.32	16.432

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11346	48391	68107	50	132.5	140	1.4	0.04	0.000*	---	2.63	0.223
11347	48392	68107	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
11348	48393	68107	50	256.9	232.1	1.4	0.04	0.000*	---	4.18	3.187
11349	48395	68107	50	59.2	85.8	1.4	0.04	0.000*	---	1.66	0.007
11350	48397	68107	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
11351	48400	68107	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.861
11352	48402	68107	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
11353	48403	68107	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.282
11354	48404	68107	50	93.1	110.9	1.4	0.04	0.000*	---	2.11	0.047
11355	48405	68107	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.595
11356	48406	68107	50	207	195.1	1.4	0.04	0.000*	---	3.57	1.423
11357	48407	68107	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
11358	48408	68107	50	206.2	194.6	1.4	0.04	0.000*	---	3.56	1.402
11359	48409	68107	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
11360	48410	68107	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.489
11361	48411	68107	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.271
11362	48413	68107	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.22
11363	48416	68107	50	350.3	301.2	1.4	0.04	0.000*	---	5.29	8.762
11364	48417	68107	50	249	226.2	1.4	0.04	0.000*	---	4.09	2.848
11365	48418	68107	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.603
11366	48419	68107	50	310.6	271.8	1.4	0.04	0.000*	---	4.82	6.048
11367	48423	68107	50	313.2	273.8	1.4	0.04	0.000*	---	4.86	6.216
11368	48424	68107	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
11369	48425	68107	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.482
11370	48426	68107	50	112.1	125	1.4	0.04	0.000*	---	2.36	0.107
11371	48427	68107	50	326	283.3	1.4	0.04	0.000*	---	5.01	7.05
11372	48428	68107	50	241.9	221	1.4	0.04	0.000*	---	4	2.566
11373	48430	68107	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.596
11374	48431	68107	50	339.2	293	1.4	0.04	0.000*	---	5.16	7.962
11375	48432	68107	50	173.9	170.7	1.4	0.04	0.000*	---	3.16	0.708
11376	48433	68107	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
11377	48434	68107	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.122
11378	48435	68107	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.202
11379	48437	68107	50	224.4	208	1.4	0.04	0.000*	---	3.79	1.94
11380	48438	68107	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
11381	48439	68107	50	99.1	115.3	1.4	0.04	0.000*	---	2.19	0.062
11382	48441	68107	50	183.5	177.8	1.4	0.04	0.000*	---	3.28	0.883
11383	48442	68107	50	102.9	118.2	1.4	0.04	0.000*	---	2.24	0.074
11384	48444	68107	50	651.1	523.8	1.4	0.04	0.000*	---	8.54	36.815
11385	48446	68107	50	277.5	247.3	1.4	0.04	0.000*	---	4.43	4.166
11386	48447	68107	50	155.2	156.8	1.4	0.04	0.000*	---	2.92	0.44
11387	48451	68107	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.537
11388	48452	68107	50	166.6	165.3	1.4	0.04	0.000*	---	3.06	0.593
11389	48455	68107	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.112
11390	48456	68107	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.449
11391	48457	68107	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
11392	48459	68107	50	261	235.2	1.4	0.04	0.000*	---	4.23	3.371
11393	48460	68107	50	148.7	152.1	1.4	0.04	0.000*	---	2.84	0.368
11394	48461	68107	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
11395	48463	68107	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
11396	48464	68107	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
11397	48466	68107	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.472
11398	48467	68107	50	356.5	305.8	1.4	0.04	0.000*	---	5.36	9.229
11399	48468	68107	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.301
11400	48469	68107	50	117.2	128.7	1.4	0.04	0.000*	---	2.43	0.13
11401	48470	68107	50	77.5	99.4	1.4	0.04	0.000*	---	1.91	0.021
11402	48471	68107	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
11403	48472	68107	50	102.5	117.9	1.4	0.04	0.000*	---	2.24	0.072
11404	48474	68107	50	136.2	142.8	1.4	0.04	0.000*	---	2.68	0.251
11405	48476	68107	50	169.3	167.2	1.4	0.04	0.000*	---	3.1	0.633
11406	48477	68107	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11407	48479	68107	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.906
11408	48480	68107	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.648
11409	48481	68107	50	301.2	264.9	1.4	0.04	0.000*	---	4.71	5.48
11410	48482	68107	50	92.1	110.2	1.4	0.04	0.000*	---	2.1	0.045
11411	48484	68107	50	152.8	155	1.4	0.04	0.000*	---	2.89	0.412
11412	48485	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
11413	48487	68107	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.657
11414	48489	68107	50	288.9	255.8	1.4	0.04	0.000*	---	4.57	4.775
11415	48490	68107	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
11416	48492	68107	50	641.6	516.8	1.4	0.04	0.000*	---	8.44	35.908
11417	48493	68107	50	234.4	215.5	1.4	0.04	0.000*	---	3.91	2.286
11418	48494	68107	50	54.5	82.4	1.4	0.04	0.000*	---	1.6	0.005
11419	48495	68107	50	308.9	270.6	1.4	0.04	0.000*	---	4.81	5.948
11420	48496	68107	50	442.3	369.3	1.4	0.04	0.000*	---	6.33	16.528
11421	48497	68107	50	71.3	94.8	1.4	0.04	0.000*	---	1.83	0.015
11422	48499	68107	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
11423	48500	68107	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
11424	48501	68107	50	108.2	122.1	1.4	0.04	0.000*	---	2.31	0.092
11425	48502	68107	50	268.3	240.6	1.4	0.04	0.000*	---	4.32	3.712
11426	48503	68107	50	260.2	234.5	1.4	0.04	0.000*	---	4.22	3.332
11427	48505	68107	50	104	118.9	1.4	0.04	0.000*	---	2.26	0.077
11428	48506	68107	50	450	375	1.4	0.04	0.000*	---	6.42	17.244
11429	48507	68107	50	98.6	114.9	1.4	0.04	0.000*	---	2.19	0.061
11430	48508	68107	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
11431	48510	68107	50	92.5	110.5	1.4	0.04	0.000*	---	2.11	0.046
11432	48511	68107	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
11433	48512	68107	50	485.3	401.1	1.4	0.04	0.000*	---	6.8	20.606
11434	48513	68107	50	134.4	141.5	1.4	0.04	0.000*	---	2.65	0.238
11435	48514	68107	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
11436	48515	68107	50	198.3	188.8	1.4	0.04	0.000*	---	3.46	1.203
11437	48517	68107	50	72	95.3	1.4	0.04	0.000*	---	1.83	0.015
11438	48519	68107	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.716
11439	48523	68107	50	354.4	304.2	1.4	0.04	0.000*	---	5.34	9.069
11440	48525	68107	50	660.2	530.5	1.4	0.04	0.000*	---	8.63	37.676
11441	48526	68107	50	354.3	304.2	1.4	0.04	0.000*	---	5.34	9.066
11442	48529	68107	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.229
11443	48530	68107	50	182.5	177	1.4	0.04	0.000*	---	3.26	0.862
11444	48531	68107	50	129.8	138	1.4	0.04	0.000*	---	2.59	0.204
11445	48532	68107	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
11446	48533	68107	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
11447	48534	68107	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
11448	48538	68107	50	146.8	150.7	1.4	0.04	0.000*	---	2.81	0.348
11449	48539	68107	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.486
11450	48540	68107	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
11451	48541	68107	50	730	582.2	1.4	0.04	0.000*	---	9.32	44.041
11452	48542	68107	50	120.2	130.9	1.4	0.04	0.000*	---	2.47	0.146
11453	48543	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
11454	48544	68107	50	368.5	314.6	1.4	0.04	0.000*	---	5.5	10.152
11455	48545	68107	50	120	130.8	1.4	0.04	0.000*	---	2.47	0.145
11456	48546	68107	50	438.2	366.3	1.4	0.04	0.000*	---	6.28	16.147
11457	48547	68107	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.242
11458	48548	68107	50	140.4	145.9	1.4	0.04	0.000*	---	2.73	0.287
11459	48549	68107	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
11460	48550	68107	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
11461	48551	68107	50	327.7	284.5	1.4	0.04	0.000*	---	5.03	7.162
11462	48552	68107	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
11463	48553	68107	50	230.7	212.7	1.4	0.04	0.000*	---	3.86	2.153
11464	48554	68107	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.071
11465	48555	68107	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.782
11466	48556	68107	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.843
11467	48557	68107	50	123.8	133.6	1.4	0.04	0.000*	---	2.51	0.166

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11468	48558	68107	50	115.2	127.2	1.4	0.04	0.000*	---	2.4	0.121
11469	48559	68107	50	269.1	241.2	1.4	0.04	0.000*	---	4.33	3.752
11470	48560	68107	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
11471	48561	68107	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
11472	48563	68107	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
11473	48564	68107	50	74.4	97	1.4	0.04	0.000*	---	1.87	0.018
11474	48565	68107	50	29.2	63.6	1.4	0.04	0.000*	---	1.26	0.001
11475	48566	68107	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
11476	48567	68107	50	83.3	103.6	1.4	0.04	0.000*	---	1.98	0.029
11477	48568	68107	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
11478	48569	68107	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
11479	48570	68107	50	134.5	141.6	1.4	0.04	0.000*	---	2.65	0.239
11480	48571	68107	50	151.8	154.3	1.4	0.04	0.000*	---	2.88	0.4
11481	48572	68107	50	164.1	163.5	1.4	0.04	0.000*	---	3.03	0.557
11482	48573	68107	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
11483	48574	68107	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.881
11484	48576	68107	50	54.1	82.1	1.4	0.04	0.000*	---	1.59	0.005
11485	48577	68107	50	75.2	97.6	1.4	0.04	0.000*	---	1.88	0.019
11486	48578	68107	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.017
11487	48580	68107	50	173.9	170.7	1.4	0.04	0.000*	---	3.16	0.708
11488	48581	68107	50	217	202.6	1.4	0.04	0.000*	---	3.7	1.708
11489	48582	68107	50	78.8	100.3	1.4	0.04	0.000*	---	1.92	0.023
11490	48583	68107	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.282
11491	48584	68107	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.014
11492	48586	68107	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.799
11493	48587	68107	50	456.4	379.8	1.4	0.04	0.000*	---	6.49	17.843
11494	48588	68107	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.151
11495	48589	68107	50	165.9	164.8	1.4	0.04	0.000*	---	3.06	0.583
11496	48590	68107	50	108.6	122.4	1.4	0.04	0.000*	---	2.32	0.093
11497	48593	68107	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.351
11498	48594	68107	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.721
11499	48596	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
11500	48599	68107	50	235.2	216.1	1.4	0.04	0.000*	---	3.92	2.314
11501	48600	68107	50	411.4	346.5	1.4	0.04	0.000*	---	5.99	13.739
11502	48602	68107	50	190.9	183.2	1.4	0.04	0.000*	---	3.37	1.033
11503	48604	68107	50	109.4	123	1.4	0.04	0.000*	---	2.33	0.096
11504	48606	68107	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.406
11505	48607	68107	50	346.7	298.6	1.4	0.04	0.000*	---	5.25	8.503
11506	48610	68107	50	283.6	251.8	1.4	0.04	0.000*	---	4.5	4.485
11507	48611	68107	50	129.4	137.8	1.4	0.04	0.000*	---	2.59	0.202
11508	48612	68107	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
11509	48613	68107	50	177.7	173.5	1.4	0.04	0.000*	---	3.2	0.773
11510	48614	68107	50	132.9	140.4	1.4	0.04	0.000*	---	2.63	0.227
11511	48615	68107	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
11512	48616	68107	50	198.2	188.7	1.4	0.04	0.000*	---	3.46	1.201
11513	48618	68107	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
11514	48619	68107	50	39.1	70.9	1.4	0.04	0.000*	---	1.39	0.001
11515	48620	68107	50	109.1	122.8	1.4	0.04	0.000*	---	2.32	0.095
11516	48621	68107	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
11517	48622	68107	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.349
11518	48623	68107	50	197.8	188.4	1.4	0.04	0.000*	---	3.46	1.192
11519	48625	68107	50	405.9	342.4	1.4	0.04	0.000*	---	5.92	13.261
11520	48626	68107	50	155.6	157.1	1.4	0.04	0.000*	---	2.92	0.445
11521	48627	68107	50	441.3	368.6	1.4	0.04	0.000*	---	6.32	16.435
11522	48628	68107	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.726
11523	48632	68107	50	177.4	173.3	1.4	0.04	0.000*	---	3.2	0.768
11524	48633	68107	50	303	266.3	1.4	0.04	0.000*	---	4.74	5.589
11525	48634	68107	50	304.6	267.4	1.4	0.04	0.000*	---	4.75	5.68
11526	48635	68107	50	407.5	343.5	1.4	0.04	0.000*	---	5.94	13.395
11527	48636	68107	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.955
11528	48637	68107	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11529	48638	68107	50	84.9	104.8	1.4	0.04	0.000*	---	2.01	0.031
11530	48639	68107	50	30.9	64.9	1.4	0.04	0.000*	---	1.28	0.001
11531	48640	68107	50	323.8	281.6	1.4	0.04	0.000*	---	4.98	6.897
11532	48641	68107	50	36.6	69.1	1.4	0.04	0.000*	---	1.36	0.001
11533	48642	68107	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
11534	48643	68107	50	193.7	185.3	1.4	0.04	0.000*	---	3.41	1.096
11535	48647	68107	50	384.7	326.7	1.4	0.04	0.000*	---	5.68	11.462
11536	48649	68107	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.406
11537	48651	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
11538	48652	68107	50	194.4	185.8	1.4	0.04	0.000*	---	3.41	1.112
11539	48654	68107	50	361.5	309.5	1.4	0.04	0.000*	---	5.42	9.609
11540	48655	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
11541	48656	68107	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
11542	48659	68107	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
11543	48661	68107	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.04
11544	48662	68107	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.924
11545	48663	68107	50	301.3	265	1.4	0.04	0.000*	---	4.72	5.485
11546	48667	68107	50	217.4	202.8	1.4	0.04	0.000*	---	3.7	1.719
11547	48668	68107	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.366
11548	48670	68107	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
11549	48671	68107	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
11550	48672	68107	50	99.4	115.6	1.4	0.04	0.000*	---	2.2	0.063
11551	48674	68107	50	126.4	135.6	1.4	0.04	0.000*	---	2.55	0.182
11552	48675	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
11553	48676	68107	50	101.3	116.9	1.4	0.04	0.000*	---	2.22	0.068
11554	48677	68107	50	272.1	243.4	1.4	0.04	0.000*	---	4.37	3.897
11555	48679	68107	50	420.8	353.4	1.4	0.04	0.000*	---	6.09	14.572
11556	48680	68107	50	307.7	269.7	1.4	0.04	0.000*	---	4.79	5.87
11557	48681	68107	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
11558	48682	68107	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
11559	48684	68107	50	126.2	135.4	1.4	0.04	0.000*	---	2.55	0.181
11560	48685	68107	50	61	87.2	1.4	0.04	0.000*	---	1.69	0.008
11561	48687	68107	50	141.8	147	1.4	0.04	0.000*	---	2.75	0.3
11562	48689	68107	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
11563	48691	68107	50	119.7	130.6	1.4	0.04	0.000*	---	2.46	0.143
11564	48693	68107	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.983
11565	48694	68107	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.626
11566	48695	68107	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308
11567	48696	68107	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
11568	48697	68107	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.248
11569	48698	68107	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.733
11570	48699	68107	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.134
11571	48701	68107	50	335.3	290.1	1.4	0.04	0.000*	---	5.11	7.685
11572	48702	68107	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.455
11573	48703	68107	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
11574	48705	68107	50	385.5	327.2	1.4	0.04	0.000*	---	5.69	11.524
11575	48708	68107	50	356.6	305.9	1.4	0.04	0.000*	---	5.36	9.24
11576	48710	68107	50	281.2	250.1	1.4	0.04	0.000*	---	4.48	4.359
11577	48711	68107	50	97.9	114.4	1.4	0.04	0.000*	---	2.18	0.059
11578	48715	68107	50	562.5	458.3	1.4	0.04	0.000*	---	7.62	28.197
11579	48718	68107	50	351.6	302.2	1.4	0.04	0.000*	---	5.3	8.859
11580	48719	68107	50	280.5	249.6	1.4	0.04	0.000*	---	4.47	4.324
11581	48720	68107	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.963
11582	48721	68107	50	413.7	348.1	1.4	0.04	0.000*	---	6.01	13.941
11583	48722	68107	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.078
11584	48723	68107	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.251
11585	48724	68107	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.014
11586	48725	68107	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
11587	48726	68107	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.558
11588	48727	68107	50	283.3	251.6	1.4	0.04	0.000*	---	4.5	4.47
11589	48728	68107	50	99.5	115.6	1.4	0.04	0.000*	---	2.2	0.063

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11590	48731	68107	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
11591	48732	68107	50	156.4	157.8	1.4	0.04	0.000*	---	2.94	0.455
11592	48733	68107	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
11593	48734	68107	50	496.7	409.6	1.4	0.04	0.000*	---	6.92	21.715
11594	48736	68107	50	127.8	136.5	1.4	0.04	0.000*	---	2.57	0.19
11595	48737	68107	50	405	341.7	1.4	0.04	0.000*	---	5.91	13.184
11596	48738	68107	50	259.3	233.9	1.4	0.04	0.000*	---	4.21	3.295
11597	48739	68107	50	703.1	562.3	1.4	0.04	0.000*	---	9.06	41.639
11598	48741	68107	50	219	204.1	1.4	0.04	0.000*	---	3.72	1.771
11599	48743	68107	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.98
11600	48744	68107	50	111	124.2	1.4	0.04	0.000*	---	2.35	0.103
11601	48745	68107	50	393	332.8	1.4	0.04	0.000*	---	5.78	12.151
11602	48746	68107	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.395
11603	48747	68107	50	289.6	256.3	1.4	0.04	0.000*	---	4.58	4.813
11604	48748	68107	50	301.2	264.9	1.4	0.04	0.000*	---	4.71	5.48
11605	48750	68107	50	358.5	307.3	1.4	0.04	0.000*	---	5.38	9.381
11606	48751	68107	50	394.2	333.7	1.4	0.04	0.000*	---	5.79	12.259
11607	48752	68107	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
11608	48753	68107	50	188.2	181.2	1.4	0.04	0.000*	---	3.34	0.976
11609	48754	68107	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
11610	48755	68107	50	380.3	323.4	1.4	0.04	0.000*	---	5.63	11.102
11611	48757	68107	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
11612	48758	68107	50	284.9	252.9	1.4	0.04	0.000*	---	4.52	4.558
11613	48759	68107	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017
11614	48760	68107	50	82.6	103.1	1.4	0.04	0.000*	---	1.98	0.028
11615	48762	68107	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
11616	48764	68107	50	468.6	388.7	1.4	0.04	0.000*	---	6.62	18.995
11617	48765	68107	50	130.5	138.5	1.4	0.04	0.000*	---	2.6	0.209
11618	48766	68107	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.422
11619	48767	68107	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.623
11620	48768	68107	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
11621	48771	68107	50	184.4	178.4	1.4	0.04	0.000*	---	3.29	0.899
11622	48772	68107	50	77.9	99.7	1.4	0.04	0.000*	---	1.91	0.022
11623	48773	68107	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.891
11624	48774	68107	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
11625	48775	68107	50	259.5	234.1	1.4	0.04	0.000*	---	4.22	3.303
11626	48776	68107	50	357.9	306.9	1.4	0.04	0.000*	---	5.38	9.337
11627	48777	68107	50	104	118.9	1.4	0.04	0.000*	---	2.26	0.077
11628	48778	68107	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.263
11629	48779	68107	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.547
11630	48780	68107	50	154.9	156.6	1.4	0.04	0.000*	---	2.92	0.437
11631	48782	68107	50	284.9	252.8	1.4	0.04	0.000*	---	4.52	4.555
11632	48783	68107	50	223	207	1.4	0.04	0.000*	---	3.77	1.895
11633	48784	68107	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
11634	48785	68107	50	148.8	152.1	1.4	0.04	0.000*	---	2.84	0.368
11635	48786	68107	50	157	158.2	1.4	0.04	0.000*	---	2.94	0.462
11636	48791	68107	50	308.7	270.4	1.4	0.04	0.000*	---	4.8	5.93
11637	48793	68107	50	179.9	175.1	1.4	0.04	0.000*	---	3.23	0.813
11638	48795	68107	50	274.5	245.1	1.4	0.04	0.000*	---	4.4	4.017
11639	48796	68107	50	289.6	256.3	1.4	0.04	0.000*	---	4.58	4.813
11640	48797	68107	50	268.7	240.8	1.4	0.04	0.000*	---	4.33	3.728
11641	48798	68107	50	188	181.1	1.4	0.04	0.000*	---	3.33	0.973
11642	48799	68107	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.063
11643	48800	68107	50	188.5	181.5	1.4	0.04	0.000*	---	3.34	0.983
11644	48801	68107	50	269.7	241.6	1.4	0.04	0.000*	---	4.34	3.777
11645	48803	68107	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
11646	48804	68107	50	216	201.9	1.4	0.04	0.000*	---	3.68	1.679
11647	48805	68107	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.234
11648	48806	68107	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.2
11649	48807	68107	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
11650	48810	68107	50	147.9	151.5	1.4	0.04	0.000*	---	2.83	0.359

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11651	48811	68107	50	157.3	158.4	1.4	0.04	0.000*	---	2.95	0.466
11652	48813	68107	50	266.3	239.1	1.4	0.04	0.000*	---	4.3	3.616
11653	48814	68107	50	341	294.3	1.4	0.04	0.000*	---	5.18	8.086
11654	48815	68107	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.315
11655	48816	68107	50	111	124.1	1.4	0.04	0.000*	---	2.35	0.103
11656	48817	68107	50	138.2	144.2	1.4	0.04	0.000*	---	2.7	0.268
11657	48818	68107	50	253.6	229.7	1.4	0.04	0.000*	---	4.14	3.045
11658	48819	68107	50	233.3	214.6	1.4	0.04	0.000*	---	3.9	2.244
11659	48820	68107	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
11660	48821	68107	50	1288.7	995.7	1.4	0.04	0.000*	---	14.23	77.37
11661	48822	68107	50	212.1	198.9	1.4	0.04	0.000*	---	3.63	1.565
11662	48823	68107	50	210.3	197.6	1.4	0.04	0.000*	---	3.61	1.515
11663	48824	68107	50	89.4	108.2	1.4	0.04	0.000*	---	2.07	0.04
11664	48825	68107	50	264.3	237.6	1.4	0.04	0.000*	---	4.27	3.523
11665	48826	68107	50	139.9	145.5	1.4	0.04	0.000*	---	2.72	0.282
11666	48827	68107	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
11667	48830	68107	50	149	152.2	1.4	0.04	0.000*	---	2.84	0.37
11668	48831	68107	50	226.4	209.6	1.4	0.04	0.000*	---	3.81	2.009
11669	48832	68107	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.435
11670	48833	68107	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
11671	48835	68107	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
11672	48836	68107	50	150.2	153.2	1.4	0.04	0.000*	---	2.86	0.383
11673	48837	68107	50	109.1	122.8	1.4	0.04	0.000*	---	2.32	0.095
11674	48838	68107	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.225
11675	48839	68107	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
11676	48840	68107	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
11677	48841	68107	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
11678	48844	68107	50	174.1	170.9	1.4	0.04	0.000*	---	3.16	0.712
11679	48846	68107	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.375
11680	48847	68107	50	190.1	182.7	1.4	0.04	0.000*	---	3.36	1.018
11681	48848	68107	50	106.7	120.9	1.4	0.04	0.000*	---	2.29	0.086
11682	48850	68107	50	160.7	160.9	1.4	0.04	0.000*	---	2.99	0.51
11683	48851	68107	50	288.5	255.4	1.4	0.04	0.000*	---	4.56	4.75
11684	48852	68107	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
11685	48853	68107	50	181.4	176.2	1.4	0.04	0.000*	---	3.25	0.841
11686	48854	68107	50	103.4	118.6	1.4	0.04	0.000*	---	2.25	0.075
11687	48855	68107	50	352.4	302.7	1.4	0.04	0.000*	---	5.31	8.917
11688	48856	68107	50	770.2	611.9	1.4	0.04	0.000*	---	9.71	47.491
11689	48857	68107	50	316.6	276.3	1.4	0.04	0.000*	---	4.9	6.432
11690	48858	68107	50	298.4	262.8	1.4	0.04	0.000*	---	4.68	5.314
11691	48859	68107	50	195.5	186.7	1.4	0.04	0.000*	---	3.43	1.138
11692	48860	68107	50	49.3	78.5	1.4	0.04	0.000*	---	1.53	0.003
11693	48861	68107	50	63.7	89.1	1.4	0.04	0.000*	---	1.72	0.009
11694	48862	68107	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.633
11695	48864	68107	50	99.7	115.7	1.4	0.04	0.000*	---	2.2	0.064
11696	48867	68107	50	81.4	102.3	1.4	0.04	0.000*	---	1.96	0.026
11697	48868	68107	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.039
11698	48869	68107	50	234.9	215.9	1.4	0.04	0.000*	---	3.92	2.304
11699	48871	68107	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.181
11700	48872	68107	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
11701	48873	68107	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.862
11702	48874	68107	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
11703	48875	68107	50	85.6	105.4	1.4	0.04	0.000*	---	2.02	0.033
11704	48876	68107	50	154.5	156.3	1.4	0.04	0.000*	---	2.91	0.432
11705	48878	68107	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.215
11706	48879	68107	50	149.1	152.3	1.4	0.04	0.000*	---	2.84	0.371
11707	48881	68107	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.57
11708	48883	68107	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
11709	48884	68107	50	179.9	175.1	1.4	0.04	0.000*	---	3.23	0.814
11710	48885	68107	50	161.9	161.8	1.4	0.04	0.000*	---	3.01	0.527
11711	48886	68107	50	319.1	278.1	1.4	0.04	0.000*	---	4.93	6.593

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11712	48887	68107	50	288.4	255.4	1.4	0.04	0.000*	---	4.56	4.75
11713	48888	68107	50	217.2	202.8	1.4	0.04	0.000*	---	3.7	1.716
11714	48889	68107	50	294.1	259.7	1.4	0.04	0.000*	---	4.63	5.068
11715	48892	68107	50	125.8	135.1	1.4	0.04	0.000*	---	2.54	0.178
11716	48893	68107	50	462.3	384.1	1.4	0.04	0.000*	---	6.55	18.403
11717	48897	68107	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.089
11718	48898	68107	50	77.8	99.5	1.4	0.04	0.000*	---	1.91	0.021
11719	48899	68107	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.708
11720	48900	68107	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
11721	48901	68107	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
11722	48902	68107	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
11723	48903	68107	50	262.8	236.5	1.4	0.04	0.000*	---	4.25	3.453
11724	48904	68107	50	264.9	238.1	1.4	0.04	0.000*	---	4.28	3.552
11725	48905	68107	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.695
11726	48906	68107	50	51.1	79.8	1.4	0.04	0.000*	---	1.55	0.004
11727	48907	68107	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.301
11728	48908	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.553
11729	48910	68107	50	296.8	261.6	1.4	0.04	0.000*	---	4.66	5.219
11730	48911	68107	50	255.4	231	1.4	0.04	0.000*	---	4.17	3.12
11731	48914	68107	50	123.6	133.5	1.4	0.04	0.000*	---	2.51	0.165
11732	48916	68107	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.273
11733	48917	68107	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.105
11734	48920	68107	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
11735	48921	68107	50	101.3	116.9	1.4	0.04	0.000*	---	2.22	0.069
11736	48923	68107	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.214
11737	48925	68107	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.486
11738	48926	68107	50	410.9	346	1.4	0.04	0.000*	---	5.98	13.692
11739	48927	68107	50	490.8	405.2	1.4	0.04	0.000*	---	6.86	21.136
11740	48929	68107	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
11741	48931	68107	50	285.5	253.3	1.4	0.04	0.000*	---	4.53	4.589
11742	48932	68107	50	120.1	130.9	1.4	0.04	0.000*	---	2.47	0.145
11743	48935	68107	50	181	176	1.4	0.04	0.000*	---	3.25	0.835
11744	48936	68107	50	45.4	75.6	1.4	0.04	0.000*	---	1.48	0.002
11745	48937	68107	50	209.5	197	1.4	0.04	0.000*	---	3.6	1.492
11746	48939	68107	50	343	295.9	1.4	0.04	0.000*	---	5.2	8.234
11747	48941	68107	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.516
11748	48943	68107	50	304.7	267.5	1.4	0.04	0.000*	---	4.76	5.69
11749	48944	68107	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.072
11750	48946	68107	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.383
11751	48948	68107	50	197.5	188.1	1.4	0.04	0.000*	---	3.45	1.183
11752	48949	68107	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.913
11753	48952	68107	50	395.9	335	1.4	0.04	0.000*	---	5.81	12.399
11754	48953	68107	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
11755	48954	68107	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.248
11756	48956	68107	50	288.2	255.3	1.4	0.04	0.000*	---	4.56	4.738
11757	48958	68107	50	1161.2	901.3	1.4	0.04	0.000*	---	13.2	72.251
11758	48959	68107	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.059
11759	48962	68107	50	252	228.5	1.4	0.04	0.000*	---	4.12	2.975
11760	48963	68107	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.776
11761	48964	68107	50	328.2	284.8	1.4	0.04	0.000*	---	5.03	7.194
11762	48965	68107	50	125.6	134.9	1.4	0.04	0.000*	---	2.54	0.177
11763	48968	68107	50	278.2	247.8	1.4	0.04	0.000*	---	4.44	4.202
11764	48969	68107	50	381.9	324.6	1.4	0.04	0.000*	---	5.65	11.23
11765	48971	68107	50	394.5	333.9	1.4	0.04	0.000*	---	5.79	12.28
11766	48972	68107	50	255.1	230.8	1.4	0.04	0.000*	---	4.16	3.106
11767	48973	68107	50	608.7	492.4	1.4	0.04	0.000*	---	8.1	32.732
11768	48974	68107	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.505
11769	48975	68107	50	279.7	249	1.4	0.04	0.000*	---	4.46	4.282
11770	48976	68107	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.879
11771	48977	68107	50	280.7	249.8	1.4	0.04	0.000*	---	4.47	4.336
11772	48978	68107	50	184.4	178.5	1.4	0.04	0.000*	---	3.29	0.9

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11773	48981	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
11774	48982	68107	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
11775	48983	68107	50	251.3	228	1.4	0.04	0.000*	---	4.12	2.945
11776	48984	68107	50	236.6	217.1	1.4	0.04	0.000*	---	3.94	2.363
11777	48985	68107	50	358.3	307.1	1.4	0.04	0.000*	---	5.38	9.366
11778	48986	68107	50	533.3	436.6	1.4	0.04	0.000*	---	7.32	25.308
11779	48987	68107	50	297.5	262.2	1.4	0.04	0.000*	---	4.67	5.263
11780	48988	68107	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
11781	48989	68107	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.204
11782	48990	68107	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.986
11783	48991	68107	50	152.1	154.5	1.4	0.04	0.000*	---	2.88	0.404
11784	48992	68107	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.899
11785	48994	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
11786	48996	68107	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.215
11787	48997	68107	50	209.7	197.2	1.4	0.04	0.000*	---	3.6	1.497
11788	48998	68107	50	200.9	190.6	1.4	0.04	0.000*	---	3.5	1.266
11789	48999	68107	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
11790	49000	68107	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.295
11791	49001	68107	50	252.8	229.1	1.4	0.04	0.000*	---	4.13	3.009
11792	49002	68107	50	434.8	363.7	1.4	0.04	0.000*	---	6.25	15.835
11793	49003	68107	50	394.2	333.7	1.4	0.04	0.000*	---	5.79	12.254
11794	49006	68107	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
11795	49007	68107	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.549
11796	49008	68107	50	47.8	77.3	1.4	0.04	0.000*	---	1.51	0.003
11797	49009	68107	50	78.4	100.1	1.4	0.04	0.000*	---	1.92	0.022
11798	49010	68107	50	189.5	182.2	1.4	0.04	0.000*	---	3.35	1.003
11799	49012	68107	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.07
11800	49013	68107	50	266.9	239.5	1.4	0.04	0.000*	---	4.3	3.642
11801	49014	68107	50	373	318	1.4	0.04	0.000*	---	5.55	10.512
11802	49015	68107	50	410.4	345.7	1.4	0.04	0.000*	---	5.97	13.648
11803	49016	68107	50	305.6	268.2	1.4	0.04	0.000*	---	4.77	5.745
11804	49017	68107	50	186.6	180.1	1.4	0.04	0.000*	---	3.32	0.944
11805	49018	68107	50	71	94.5	1.4	0.04	0.000*	---	1.82	0.014
11806	49019	68107	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
11807	49020	68107	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.629
11808	49022	68107	50	193.8	185.4	1.4	0.04	0.000*	---	3.41	1.098
11809	49023	68107	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.452
11810	49026	68107	50	763.2	606.8	1.4	0.04	0.000*	---	9.64	46.909
11811	49027	68107	50	572.9	465.9	1.4	0.04	0.000*	---	7.73	29.223
11812	49030	68107	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.715
11813	49031	68107	50	213.7	200.2	1.4	0.04	0.000*	---	3.65	1.612
11814	49032	68107	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.164
11815	49033	68107	50	259.4	234	1.4	0.04	0.000*	---	4.21	3.299
11816	49035	68107	50	137.7	143.9	1.4	0.04	0.000*	---	2.7	0.264
11817	49036	68107	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
11818	49037	68107	50	347.1	298.8	1.4	0.04	0.000*	---	5.25	8.527
11819	49038	68107	50	317.9	277.2	1.4	0.04	0.000*	---	4.91	6.514
11820	49040	68107	50	304.7	267.5	1.4	0.04	0.000*	---	4.76	5.691
11821	49042	68107	50	407.3	343.4	1.4	0.04	0.000*	---	5.94	13.383
11822	49044	68107	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.052
11823	49046	68107	50	834.8	659.8	1.4	0.04	0.000*	---	10.32	52.688
11824	49048	68107	50	213.7	200.1	1.4	0.04	0.000*	---	3.65	1.611
11825	49050	68107	50	189.8	182.4	1.4	0.04	0.000*	---	3.36	1.01
11826	49052	68107	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.004
11827	49053	68107	50	364	311.3	1.4	0.04	0.000*	---	5.45	9.802
11828	49054	68107	50	237.8	218	1.4	0.04	0.000*	---	3.95	2.409
11829	49055	68107	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
11830	49056	68107	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.935
11831	49058	68107	50	1031.6	805.4	1.4	0.04	0.000*	---	12.1	65.726
11832	49059	68107	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
11833	49061	68107	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.903

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11834	49062	68107	50	372.2	317.4	1.4	0.04	0.000*	---	5.54	10.451
11835	49063	68107	50	616.9	498.5	1.4	0.04	0.000*	---	8.19	33.534
11836	49066	68107	50	194.4	185.8	1.4	0.04	0.000*	---	3.41	1.111
11837	49067	68107	50	73.2	96.2	1.4	0.04	0.000*	---	1.85	0.017
11838	49068	68107	50	212.1	198.9	1.4	0.04	0.000*	---	3.63	1.565
11839	49070	68107	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.267
11840	49071	68107	50	288.6	255.5	1.4	0.04	0.000*	---	4.56	4.757
11841	49072	68107	50	289.4	256.1	1.4	0.04	0.000*	---	4.57	4.8
11842	49074	68107	50	336.5	291	1.4	0.04	0.000*	---	5.13	7.769
11843	49075	68107	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.369
11844	49076	68107	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
11845	49077	68107	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.581
11846	49078	68107	50	108.6	122.3	1.4	0.04	0.000*	---	2.32	0.093
11847	49079	68107	50	379.4	322.8	1.4	0.04	0.000*	---	5.62	11.03
11848	49081	68107	50	315.8	275.7	1.4	0.04	0.000*	---	4.89	6.376
11849	49082	68107	50	349.6	300.7	1.4	0.04	0.000*	---	5.28	8.714
11850	49083	68107	50	365.6	312.6	1.4	0.04	0.000*	---	5.47	9.933
11851	49085	68107	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.272
11852	49087	68107	50	205.3	193.9	1.4	0.04	0.000*	---	3.55	1.379
11853	49088	68107	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.651
11854	49091	68107	50	305.4	268	1.4	0.04	0.000*	---	4.76	5.733
11855	49092	68107	50	456.7	380	1.4	0.04	0.000*	---	6.49	17.873
11856	49093	68107	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989
11857	49095	68107	50	360.6	308.9	1.4	0.04	0.000*	---	5.41	9.545
11858	49096	68107	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
11859	49098	68107	50	170.1	167.9	1.4	0.04	0.000*	---	3.11	0.647
11860	49099	68107	50	331.3	287.1	1.4	0.04	0.000*	---	5.07	7.407
11861	49100	68107	50	157.1	158.2	1.4	0.04	0.000*	---	2.94	0.463
11862	49104	68107	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.895
11863	49105	68107	50	573.5	466.4	1.4	0.04	0.000*	---	7.74	29.279
11864	49106	68107	50	362.1	310	1.4	0.04	0.000*	---	5.43	9.661
11865	49107	68107	50	520.4	427.1	1.4	0.04	0.000*	---	7.18	24.04
11866	49109	68107	50	435.2	364	1.4	0.04	0.000*	---	6.25	15.873
11867	49111	68107	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.449
11868	49112	68107	50	294.9	260.2	1.4	0.04	0.000*	---	4.64	5.112
11869	49113	68107	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.328
11870	49114	68107	50	272.4	243.6	1.4	0.04	0.000*	---	4.37	3.91
11871	49115	68107	50	455.3	378.9	1.4	0.04	0.000*	---	6.47	17.738
11872	49116	68107	50	365	312.1	1.4	0.04	0.000*	---	5.46	9.884
11873	49117	68107	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.191
11874	49118	68107	50	237.5	217.7	1.4	0.04	0.000*	---	3.95	2.397
11875	49119	68107	50	143.7	148.3	1.4	0.04	0.000*	---	2.77	0.317
11876	49120	68107	50	604.6	489.4	1.4	0.04	0.000*	---	8.06	32.333
11877	49121	68107	50	373.6	318.5	1.4	0.04	0.000*	---	5.56	10.564
11878	49122	68107	50	191	183.3	1.4	0.04	0.000*	---	3.37	1.036
11879	49123	68107	50	491.4	405.6	1.4	0.04	0.000*	---	6.87	21.198
11880	49124	68107	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.12
11881	49125	68107	50	631.4	509.3	1.4	0.04	0.000*	---	8.34	34.938
11882	49126	68107	50	168.7	166.8	1.4	0.04	0.000*	---	3.09	0.624
11883	49127	68107	50	386.8	328.2	1.4	0.04	0.000*	---	5.71	11.634
11884	49128	68107	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.178
11885	49131	68107	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.474
11886	49132	68107	50	487.1	402.4	1.4	0.04	0.000*	---	6.82	20.776
11887	49133	68107	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.76
11888	49134	68107	50	317.7	277.1	1.4	0.04	0.000*	---	4.91	6.503
11889	49135	68107	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.664
11890	49136	68107	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
11891	49137	68107	50	512.6	421.3	1.4	0.04	0.000*	---	7.1	23.267
11892	49138	68107	50	483	399.4	1.4	0.04	0.000*	---	6.78	20.382
11893	49139	68107	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.059
11894	49165	68107	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.682

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11895	49167	68107	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
11896	49172	68107	50	240.6	220	1.4	0.04	0.000*	---	3.98	2.513
11897	49173	68107	50	432.1	361.8	1.4	0.04	0.000*	---	6.22	15.593
11898	49174	68107	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.584
11899	49184	68107	50	104.4	119.2	1.4	0.04	0.000*	---	2.26	0.078
11900	49185	68107	50	214	200.4	1.4	0.04	0.000*	---	3.66	1.62
11901	49186	68107	50	131.9	139.6	1.4	0.04	0.000*	---	2.62	0.219
11902	49193	68107	50	32.9	66.3	1.4	0.04	0.000*	---	1.31	0.001
11903	49200	68107	50	408.1	344	1.4	0.04	0.000*	---	5.95	13.449
11904	49207	68107	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
11905	49208	68107	50	58.9	85.6	1.4	0.04	0.000*	---	1.66	0.007
11906	49209	68107	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
11907	49216	68107	50	29.9	64.1	1.4	0.04	0.000*	---	1.27	0.001
11908	49217	68107	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
11909	49218	68107	50	25.1	60.6	1.4	0.04	0.000*	---	1.2	0
11910	49219	68107	50	67.8	92.2	1.4	0.04	0.000*	---	1.78	0.012
11911	49220	68107	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
11912	49221	68107	50	48.6	78	1.4	0.04	0.000*	---	1.52	0.003
11913	49222	68107	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
11914	49223	68107	50	53.1	81.3	1.4	0.04	0.000*	---	1.58	0.004
11915	49224	68107	50	54.2	82.1	1.4	0.04	0.000*	---	1.6	0.005
11916	49225	68107	50	76.8	98.9	1.4	0.04	0.000*	---	1.9	0.02
11917	49226	68107	50	92.1	110.1	1.4	0.04	0.000*	---	2.1	0.045
11918	49227	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
11919	49228	68107	50	36.3	68.8	1.4	0.04	0.000*	---	1.35	0.001
11920	49229	68107	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
11921	49230	68107	50	43.1	73.9	1.4	0.04	0.000*	---	1.45	0.002
11922	49231	68107	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
11923	49232	68107	50	45.7	75.8	1.4	0.04	0.000*	---	1.48	0.002
11924	49233	68107	50	71.8	95.2	1.4	0.04	0.000*	---	1.83	0.015
11925	49234	68107	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
11926	49235	68107	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
11927	49236	68107	50	39.5	71.3	1.4	0.04	0.000*	---	1.4	0.001
11928	49239	68107	50	278.5	248.1	1.4	0.04	0.000*	---	4.44	4.222
11929	49240	68107	50	240.5	220	1.4	0.04	0.000*	---	3.98	2.512
11930	49245	68107	50	199.8	189.8	1.4	0.04	0.000*	---	3.48	1.239
11931	49249	68107	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.017
11932	49250	68107	50	221.8	206.1	1.4	0.04	0.000*	---	3.75	1.857
11933	49251	68107	50	323.3	281.2	1.4	0.04	0.000*	---	4.97	6.866
11934	49252	68107	50	133.3	140.7	1.4	0.04	0.000*	---	2.64	0.229
11935	49368	68107	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.045
11936	49369	68107	50	206.7	194.9	1.4	0.04	0.000*	---	3.57	1.415
11937	49371	68107	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
11938	49372	68107	50	44.1	74.7	1.4	0.04	0.000*	---	1.46	0.002
11939	49375	68107	50	36	68.6	1.4	0.04	0.000*	---	1.35	0.001
11940	49377	68107	50	31.6	65.4	1.4	0.04	0.000*	---	1.29	0.001
11941	49378	68107	50	57.9	84.9	1.4	0.04	0.000*	---	1.65	0.006
11942	49379	68107	50	49.4	78.6	1.4	0.04	0.000*	---	1.53	0.003
11943	49380	68107	50	35.5	68.2	1.4	0.04	0.000*	---	1.34	0.001
11944	49382	68107	50	35.8	68.5	1.4	0.04	0.000*	---	1.35	0.001
11945	49383	68107	50	74.3	97	1.4	0.04	0.000*	---	1.86	0.018
11946	49385	68107	50	61.3	87.4	1.4	0.04	0.000*	---	1.69	0.008
11947	49386	68107	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.291
11948	49387	68107	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
11949	49388	68107	50	53	81.2	1.4	0.04	0.000*	---	1.58	0.004
11950	49389	68107	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
11951	49390	68107	50	52.7	81	1.4	0.04	0.000*	---	1.58	0.004
11952	49391	68107	50	49.1	78.3	1.4	0.04	0.000*	---	1.53	0.003
11953	49392	68107	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
11954	49393	68107	50	63.7	89.2	1.4	0.04	0.000*	---	1.72	0.009
11955	49394	68107	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
11956	49395	68107	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037
11957	49396	68107	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.369
11958	49397	68107	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
11959	49398	68107	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
11960	49400	68107	50	94.8	112.2	1.4	0.04	0.000*	---	2.14	0.051
11961	49401	68107	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
11962	49402	68107	50	56.3	83.7	1.4	0.04	0.000*	---	1.62	0.005
11963	49403	68107	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
11964	49404	68107	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
11965	49405	68107	50	101	116.8	1.4	0.04	0.000*	---	2.22	0.068
11966	49406	68107	50	62.6	88.3	1.4	0.04	0.000*	---	1.71	0.009
11967	49408	68107	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
11968	49410	68107	50	109.6	123.1	1.4	0.04	0.000*	---	2.33	0.097
11969	49411	68107	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
11970	49412	68107	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
11971	49413	68107	50	305.6	268.2	1.4	0.04	0.000*	---	4.77	5.744
11972	49414	68107	50	99.1	115.3	1.4	0.04	0.000*	---	2.19	0.062
11973	49416	68107	50	246.5	224.4	1.4	0.04	0.000*	---	4.06	2.748
11974	49417	68107	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
11975	49418	68107	50	73.7	96.5	1.4	0.04	0.000*	---	1.86	0.017
11976	49419	68107	50	54.3	82.1	1.4	0.04	0.000*	---	1.6	0.005
11977	49420	68107	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
11978	49421	68107	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
11979	49425	68107	50	51	79.8	1.4	0.04	0.000*	---	1.55	0.004
11980	49428	68107	50	150.6	153.5	1.4	0.04	0.000*	---	2.86	0.388
11981	49429	68107	50	202.1	191.5	1.4	0.04	0.000*	---	3.51	1.296
11982	49430	68107	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.3
11983	49432	68107	50	28.4	63	1.4	0.04	0.000*	---	1.25	0
11984	49433	68107	50	37	69.3	1.4	0.04	0.000*	---	1.36	0.001
11985	49434	68107	50	34.6	67.6	1.4	0.04	0.000*	---	1.33	0.001
11986	49435	68107	50	30.9	64.9	1.4	0.04	0.000*	---	1.28	0.001
11987	49436	68107	50	81.3	102.1	1.4	0.04	0.000*	---	1.96	0.026
11988	49437	68107	50	59.4	86	1.4	0.04	0.000*	---	1.67	0.007
11989	49438	68107	50	66.7	91.4	1.4	0.04	0.000*	---	1.76	0.011
11990	49439	68107	50	44.7	75.1	1.4	0.04	0.000*	---	1.47	0.002
11991	49441	68107	50	45.1	75.4	1.4	0.04	0.000*	---	1.47	0.002
11992	49442	68107	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
11993	49443	68107	50	40.8	72.2	1.4	0.04	0.000*	---	1.41	0.002
11994	49444	68107	50	45.6	75.8	1.4	0.04	0.000*	---	1.48	0.002
11995	49445	68107	50	48.3	77.7	1.4	0.04	0.000*	---	1.52	0.003
11996	49446	68107	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
11997	49447	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
11998	49448	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
11999	49449	68107	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
12000	49450	68107	50	34	67.2	1.4	0.04	0.000*	---	1.32	0.001
12001	49452	68107	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039
12002	49453	68107	50	43	73.8	1.4	0.04	0.000*	---	1.44	0.002
12003	49455	68107	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
12004	49456	68107	50	300.8	264.6	1.4	0.04	0.000*	---	4.71	5.457
12005	49457	68107	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.227
12006	49460	68107	50	98.7	115.1	1.4	0.04	0.000*	---	2.19	0.061
12007	49461	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
12008	49462	68107	50	76.8	98.9	1.4	0.04	0.000*	---	1.9	0.02
12009	49463	68107	50	156.3	157.6	1.4	0.04	0.000*	---	2.93	0.453
12010	49465	68107	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
12011	49466	68107	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
12012	49467	68107	50	153.7	155.8	1.4	0.04	0.000*	---	2.9	0.423
12013	49468	68107	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.242
12014	49469	68107	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
12015	49470	68107	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
12016	49471	68107	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.197

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12017	49473	68107	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
12018	49474	68107	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	0.999
12019	49475	68107	50	36.3	68.8	1.4	0.04	0.000*	---	1.35	0.001
12020	49476	68107	50	54.6	82.4	1.4	0.04	0.000*	---	1.6	0.005
12021	49482	68107	50	174.4	171	1.4	0.04	0.000*	---	3.16	0.716
12022	50008	68107	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
12023	50135	68107	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.133
12024	50136	68107	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
12025	50137	68107	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
12026	50138	68107	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
12027	50139	68107	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
12028	50140	68107	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
12029	50141	68107	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
12030	50142	68107	50	100.3	116.2	1.4	0.04	0.000*	---	2.21	0.066
12031	50143	68107	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
12032	50144	68107	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
12033	50153	68107	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
12034	50154	68107	50	109.9	123.3	1.4	0.04	0.000*	---	2.33	0.098
12035	50155	68107	50	44.8	75.2	1.4	0.04	0.000*	---	1.47	0.002
12036	50156	68107	50	46	76.1	1.4	0.04	0.000*	---	1.49	0.002
12037	50157	68107	50	149.1	152.3	1.4	0.04	0.000*	---	2.84	0.371
12038	50158	68107	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
12039	50159	68107	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
12040	50160	68107	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
12041	50161	68107	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
12042	50162	68107	50	68.2	92.4	1.4	0.04	0.000*	---	1.78	0.012
12043	50163	68107	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
12044	50164	68107	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
12045	50165	68107	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
12046	50166	68107	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
12047	50167	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
12048	50168	68107	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
12049	50169	68107	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
12050	50170	68107	50	75.5	97.9	1.4	0.04	0.000*	---	1.88	0.019
12051	50171	68107	50	85.4	105.2	1.4	0.04	0.000*	---	2.01	0.032
12052	50172	68107	50	110.2	123.5	1.4	0.04	0.000*	---	2.34	0.099
12053	50173	68107	50	84.9	104.8	1.4	0.04	0.000*	---	2.01	0.031
12054	50174	68107	50	92.9	110.8	1.4	0.04	0.000*	---	2.11	0.047
12055	50175	68107	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
12056	50176	68107	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
12057	50177	68107	50	68.4	92.6	1.4	0.04	0.000*	---	1.79	0.012
12058	50178	68107	50	94.7	112	1.4	0.04	0.000*	---	2.13	0.051
12059	50179	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.01
12060	50180	68107	50	109.3	122.8	1.4	0.04	0.000*	---	2.33	0.096
12061	50181	68107	50	48.8	78.1	1.4	0.04	0.000*	---	1.52	0.003
12062	50182	68107	50	61.6	87.6	1.4	0.04	0.000*	---	1.69	0.008
12063	50183	68107	50	82.4	102.9	1.4	0.04	0.000*	---	1.97	0.028
12064	50184	68107	50	80.5	101.5	1.4	0.04	0.000*	---	1.95	0.025
12065	50185	68107	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
12066	50186	68107	50	34.6	67.6	1.4	0.04	0.000*	---	1.33	0.001
12067	50187	68107	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
12068	50188	68107	50	68.4	92.6	1.4	0.04	0.000*	---	1.79	0.012
12069	50189	68107	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
12070	50190	68107	50	50.7	79.6	1.4	0.04	0.000*	---	1.55	0.004
12071	50191	68107	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
12072	50192	68107	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
12073	50193	68107	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
12074	50194	68107	50	96	113.1	1.4	0.04	0.000*	---	2.15	0.054
12075	50195	68107	50	87.2	106.6	1.4	0.04	0.000*	---	2.04	0.035
12076	50196	68107	50	39.3	71.1	1.4	0.04	0.000*	---	1.39	0.001
12077	50197	68107	50	64.8	90	1.4	0.04	0.000*	---	1.74	0.01

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12078	50198	68107	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
12079	50199	68107	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
12080	50200	68107	50	63.5	89	1.4	0.04	0.000*	---	1.72	0.009
12081	50201	68107	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
12082	50202	68107	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
12083	50203	68107	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
12084	50204	68107	50	79.8	101.1	1.4	0.04	0.000*	---	1.94	0.024
12085	50205	68107	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
12086	50206	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
12087	50207	68107	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
12088	50208	68107	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
12089	50209	68107	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
12090	50210	68107	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
12091	50211	68107	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
12092	50212	68107	50	85.2	105.1	1.4	0.04	0.000*	---	2.01	0.032
12093	50213	68107	50	63.5	89	1.4	0.04	0.000*	---	1.72	0.009
12094	50214	68107	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
12095	50215	68107	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
12096	50216	68107	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.091
12097	50217	68107	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
12098	50218	68107	50	68.3	92.6	1.4	0.04	0.000*	---	1.79	0.012
12099	50219	68107	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
12100	50220	68107	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
12101	50221	68107	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
12102	50222	68107	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
12103	50223	68107	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
12104	50224	68107	50	65	90.1	1.4	0.04	0.000*	---	1.74	0.01
12105	50225	68107	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
12106	50226	68107	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
12107	50227	68107	50	46.7	76.6	1.4	0.04	0.000*	---	1.49	0.003
12108	50228	68107	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
12109	50229	68107	50	74	96.7	1.4	0.04	0.000*	---	1.86	0.017
12110	50230	68107	50	65.6	90.5	1.4	0.04	0.000*	---	1.75	0.01
12111	50231	68107	50	72.8	95.8	1.4	0.04	0.000*	---	1.84	0.016
12112	50232	68107	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
12113	50233	68107	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
12114	50234	68107	50	58.9	85.6	1.4	0.04	0.000*	---	1.66	0.007
12115	50235	68107	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
12116	50236	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
12117	50237	68107	50	71.3	94.7	1.4	0.04	0.000*	---	1.82	0.015
12118	50238	68107	50	76.5	98.6	1.4	0.04	0.000*	---	1.89	0.02
12119	50239	68107	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
12120	50240	68107	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
12121	50241	68107	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
12122	50242	68107	50	62.3	88.1	1.4	0.04	0.000*	---	1.7	0.008
12123	50243	68107	50	96.4	113.3	1.4	0.04	0.000*	---	2.16	0.055
12124	50244	68107	50	67.1	91.7	1.4	0.04	0.000*	---	1.77	0.011
12125	50245	68107	50	68.7	92.9	1.4	0.04	0.000*	---	1.79	0.013
12126	50246	68107	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
12127	50247	68107	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
12128	50248	68107	50	58.2	85	1.4	0.04	0.000*	---	1.65	0.006
12129	50249	68107	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
12130	50250	68107	50	66.8	91.4	1.4	0.04	0.000*	---	1.76	0.011
12131	50251	68107	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
12132	50262	68107	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
12133	50263	68107	50	69.8	93.6	1.4	0.04	0.000*	---	1.8	0.013
12134	50264	68107	50	66.1	90.9	1.4	0.04	0.000*	---	1.75	0.011
12135	50265	68107	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
12136	50266	68107	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
12137	50267	68107	50	85.8	105.5	1.4	0.04	0.000*	---	2.02	0.033
12138	50268	68107	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004

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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12139	50269	68107	50	60.7	86.9	1.4	0.04	0.000*	---	1.68	0.007
12140	50270	68107	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
12141	50271	68107	50	56.4	83.8	1.4	0.04	0.000*	---	1.63	0.006
12142	50272	68107	50	51	79.8	1.4	0.04	0.000*	---	1.55	0.004
12143	50273	68107	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
12144	50274	68107	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
12145	50275	68107	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
12146	50276	68107	50	79.4	100.8	1.4	0.04	0.000*	---	1.93	0.024
12147	50277	68107	50	50	79	1.4	0.04	0.000*	---	1.54	0.003
12148	50278	68107	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
12149	50279	68107	50	89	107.9	1.4	0.04	0.000*	---	2.06	0.039
12150	50280	68107	50	66.8	91.4	1.4	0.04	0.000*	---	1.76	0.011
12151	50281	68107	50	60.6	86.8	1.4	0.04	0.000*	---	1.68	0.007
12152	50282	68107	50	66.1	90.9	1.4	0.04	0.000*	---	1.75	0.011
12153	50283	68107	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
12154	50284	68107	50	73.7	96.6	1.4	0.04	0.000*	---	1.86	0.017
12155	50285	68107	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
12156	50286	68107	50	60.1	86.5	1.4	0.04	0.000*	---	1.68	0.007
12157	50287	68107	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015
12158	50288	68107	50	69.3	93.3	1.4	0.04	0.000*	---	1.8	0.013
12159	50289	68107	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
12160	50290	68107	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
12161	50291	68107	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
12162	50292	68107	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
12163	50293	68107	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
12164	50294	68107	50	88.6	107.6	1.4	0.04	0.000*	---	2.05	0.038
12165	50295	68107	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
12166	50296	68107	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
12167	50297	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
12168	50298	68107	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
12169	50299	68107	50	88.7	107.6	1.4	0.04	0.000*	---	2.06	0.038
12170	50300	68107	50	77.2	99.2	1.4	0.04	0.000*	---	1.9	0.021
12171	50301	68107	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
12172	50302	68107	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
12173	50303	68107	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.019
12174	50304	68107	50	79.1	100.5	1.4	0.04	0.000*	---	1.93	0.023
12175	50305	68107	50	105.9	120.4	1.4	0.04	0.000*	---	2.28	0.083
12176	50306	68107	50	60.1	86.5	1.4	0.04	0.000*	---	1.67	0.007
12177	50307	68107	50	60.7	86.9	1.4	0.04	0.000*	---	1.68	0.007
12178	50308	68107	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
12179	50309	68107	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
12180	50310	68107	50	91.4	109.7	1.4	0.04	0.000*	---	2.09	0.044
12181	50311	68107	50	78.8	100.3	1.4	0.04	0.000*	---	1.92	0.023
12182	50312	68107	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
12183	50313	68107	50	53.7	81.8	1.4	0.04	0.000*	---	1.59	0.005
12184	50314	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
12185	50315	68107	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016
12186	50316	68107	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
12187	50317	68107	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
12188	50318	68107	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
12189	50319	68107	50	66.9	91.5	1.4	0.04	0.000*	---	1.77	0.011
12190	50320	68107	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008
12191	50321	68107	50	81.7	102.5	1.4	0.04	0.000*	---	1.96	0.027
12192	50322	68107	50	46.4	76.3	1.4	0.04	0.000*	---	1.49	0.003
12193	50323	68107	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
12194	50324	68107	50	60.8	87	1.4	0.04	0.000*	---	1.68	0.008
12195	50325	68107	50	63.4	88.9	1.4	0.04	0.000*	---	1.72	0.009
12196	50326	68107	50	81	101.9	1.4	0.04	0.000*	---	1.95	0.026
12197	50327	68107	50	65.9	90.8	1.4	0.04	0.000*	---	1.75	0.011
12198	50328	68107	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
12199	50329	68107	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12200	50330	68107	50	61.4	87.5	1.4	0.04	0.000*	---	1.69	0.008
12201	50331	68107	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
12202	50332	68107	50	64.8	89.9	1.4	0.04	0.000*	---	1.74	0.01
12203	50333	68107	50	53	81.3	1.4	0.04	0.000*	---	1.58	0.004
12204	50334	68107	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
12205	50335	68107	50	63.8	89.2	1.4	0.04	0.000*	---	1.72	0.009
12206	50336	68107	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
12207	50337	68107	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
12208	50338	68107	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
12209	50339	68107	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.09
12210	50340	68107	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.021
12211	50341	68107	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
12212	50342	68107	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
12213	50343	68107	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.117
12214	50344	68107	50	107	121.2	1.4	0.04	0.000*	---	2.3	0.087
12215	50345	68107	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
12216	50346	68107	50	131.6	139.4	1.4	0.04	0.000*	---	2.62	0.217
12217	50347	68107	50	87.4	106.7	1.4	0.04	0.000*	---	2.04	0.036
12218	50348	68107	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
12219	50349	68107	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
12220	50350	68107	50	154.8	156.5	1.4	0.04	0.000*	---	2.91	0.435
12221	50351	68107	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
12222	50352	68107	50	125.5	134.9	1.4	0.04	0.000*	---	2.54	0.176
12223	50353	68107	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
12224	50354	68107	50	66.1	90.9	1.4	0.04	0.000*	---	1.76	0.011
12225	50357	68107	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.104
12226	50358	68107	50	55.9	83.4	1.4	0.04	0.000*	---	1.62	0.005
12227	50359	68107	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
12228	50360	68107	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
12229	50361	68107	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
12230	50362	68107	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
12231	50365	68107	50	51.2	79.9	1.4	0.04	0.000*	---	1.55	0.004
12232	50373	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
12233	50374	68107	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
12234	50385	68107	50	57.1	84.3	1.4	0.04	0.000*	---	1.63	0.006
12235	50386	68107	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
12236	50387	68107	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
12237	50388	68107	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
12238	50389	68107	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
12239	50420	68107	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
12240	50535	68107	50	375.4	319.8	1.4	0.04	0.000*	---	5.58	10.709
12241	50537	68107	50	372.9	318	1.4	0.04	0.000*	---	5.55	10.506
12242	50548	68107	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.943
12243	50552	68107	50	201.3	190.9	1.4	0.04	0.000*	---	3.5	1.275
12244	50587	68107	50	41.2	72.4	1.4	0.04	0.000*	---	1.42	0.002
12245	50588	68107	50	36.3	68.8	1.4	0.04	0.000*	---	1.35	0.001
12246	50630	68107	50	375.7	320	1.4	0.04	0.000*	---	5.58	10.733
12247	50631	68107	50	342	295.1	1.4	0.04	0.000*	---	5.19	8.162
12248	52248	68107	50	46.5	76.4	1.4	0.04	0.000*	---	1.49	0.003
12249	52415	68107	50	79.9	101.1	1.4	0.04	0.000*	---	1.94	0.024
12250	52418	68107	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.406
12251	57178	68107	50	371.6	317	1.4	0.04	0.000*	---	5.53	10.399
12252	62354	68107	50	48.7	78.1	1.4	0.04	0.000*	---	1.52	0.003
12253	64027	68107	50	79.6	100.9	1.4	0.04	0.000*	---	1.94	0.024
12254	64253	68107	50	80.6	101.6	1.4	0.04	0.000*	---	1.95	0.025
12255	70328	68107	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.294
12256	73069	68107	50	72	95.3	1.4	0.04	0.000*	---	1.83	0.015
12257	75136	68107	50	279.9	249.1	1.4	0.04	0.000*	---	4.46	4.291
12258	75137	68107	50	285	252.9	1.4	0.04	0.000*	---	4.52	4.563
12259	76891	68107	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.682
12260	78415	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12261	82242	68107	50	296.5	261.4	1.4	0.04	0.000*	---	4.66	5.202
12262	82245	68107	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
12263	87461	68107	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
12264	87462	68107	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
12265	87944	68107	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
12266	88137	68107	50	106.8	121	1.4	0.04	0.000*	---	2.29	0.087
12267	88138	68107	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
12268	89358	68107	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
12269	89377	68107	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
12270	89384	68107	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
12271	89408	68107	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
12272	89692	68107	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
12273	90259	68107	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
12274	90316	68107	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
12275	90332	68107	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
12276	90517	68107	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
12277	90518	68107	50	285.6	253.4	1.4	0.04	0.000*	---	4.53	4.596
12278	90897	68107	50	442.7	369.6	1.4	0.04	0.000*	---	6.33	16.563
12279	91079	68107	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
12280	91080	68107	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.05
12281	93231	68107	50	70.1	93.9	1.4	0.04	0.000*	---	1.81	0.014
12282	93312	68107	50	348.3	299.7	1.4	0.04	0.000*	---	5.26	8.613
12283	93331	68107	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
12284	93495	68107	50	511.5	420.5	1.4	0.04	0.000*	---	7.08	23.162
12285	93519	68107	50	369.8	315.6	1.4	0.04	0.000*	---	5.51	10.256
12286	6	68108	50	460.1	382.4	1.4	0.04	0.000*	---	6.53	18.187
12287	9	68108	50	460.7	382.9	1.4	0.04	0.000*	---	6.53	18.244
12288	11	68108	50	510.9	420.1	1.4	0.04	0.000*	---	7.08	23.102
12289	13	68108	50	647.2	521	1.4	0.04	0.000*	---	8.5	36.448
12290	14	68108	50	610.1	493.5	1.4	0.04	0.000*	---	8.12	32.871
12291	17	68108	50	601.8	487.3	1.4	0.04	0.000*	---	8.03	32.059
12292	19	68108	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.366
12293	46	68108	50	173.6	170.4	1.4	0.04	0.000*	---	3.15	0.702
12294	48	68108	50	363.5	311	1.4	0.04	0.000*	---	5.44	9.768
12295	54	68108	50	628.7	507.2	1.4	0.04	0.000*	---	8.31	34.67
12296	55	68108	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.177
12297	65	68108	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
12298	66	68108	50	296.8	261.7	1.4	0.04	0.000*	---	4.66	5.223
12299	68	68108	50	212.7	199.4	1.4	0.04	0.000*	---	3.64	1.583
12300	86	68108	50	460.5	382.8	1.4	0.04	0.000*	---	6.53	18.233
12301	89	68108	50	741	590.3	1.4	0.04	0.000*	---	9.43	45
12302	91	68108	50	72.9	95.9	1.4	0.04	0.000*	---	1.85	0.016
12303	96	68108	50	474.8	393.3	1.4	0.04	0.000*	---	6.69	19.588
12304	100	68108	50	59	85.7	1.4	0.04	0.000*	---	1.66	0.007
12305	101	68108	50	57.4	84.4	1.4	0.04	0.000*	---	1.64	0.006
12306	102	68108	50	284.4	252.5	1.4	0.04	0.000*	---	4.51	4.532
12307	103	68108	50	79.2	100.6	1.4	0.04	0.000*	---	1.93	0.023
12308	104	68108	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
12309	105	68108	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
12310	108	68108	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
12311	109	68108	50	235.6	216.4	1.4	0.04	0.000*	---	3.92	2.329
12312	110	68108	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.963
12313	111	68108	50	475.9	394.1	1.4	0.04	0.000*	---	6.7	19.696
12314	112	68108	50	303	266.2	1.4	0.04	0.000*	---	4.74	5.587
12315	119	68108	50	854.1	674.1	1.4	0.04	0.000*	---	10.5	54.15
12316	122	68108	50	288.7	255.6	1.4	0.04	0.000*	---	4.57	4.762
12317	124	68108	50	292.6	258.5	1.4	0.04	0.000*	---	4.61	4.98
12318	126	68108	50	322.6	280.7	1.4	0.04	0.000*	---	4.97	6.821
12319	129	68108	50	281.4	250.3	1.4	0.04	0.000*	---	4.48	4.371
12320	130	68108	50	197.5	188.1	1.4	0.04	0.000*	---	3.45	1.184
12321	131	68108	50	455.5	379	1.4	0.04	0.000*	---	6.48	17.755

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12322	132	68108	50	413.3	347.8	1.4	0.04	0.000*	---	6.01	13.9
12323	133	68108	50	374.1	318.9	1.4	0.04	0.000*	---	5.56	10.605
12324	134	68108	50	680.4	545.5	1.4	0.04	0.000*	---	8.83	39.562
12325	135	68108	50	476	394.3	1.4	0.04	0.000*	---	6.7	19.712
12326	136	68108	50	665.3	534.3	1.4	0.04	0.000*	---	8.68	38.154
12327	138	68108	50	442.5	369.5	1.4	0.04	0.000*	---	6.33	16.545
12328	139	68108	50	617.5	499	1.4	0.04	0.000*	---	8.19	33.592
12329	140	68108	50	386.2	327.8	1.4	0.04	0.000*	---	5.7	11.589
12330	143	68108	50	383.9	326.1	1.4	0.04	0.000*	---	5.67	11.395
12331	145	68108	50	385.6	327.3	1.4	0.04	0.000*	---	5.69	11.534
12332	148	68108	50	492.9	406.8	1.4	0.04	0.000*	---	6.88	21.345
12333	150	68108	50	472.6	391.7	1.4	0.04	0.000*	---	6.66	19.382
12334	151	68108	50	452.7	377	1.4	0.04	0.000*	---	6.44	17.494
12335	156	68108	50	243.5	222.2	1.4	0.04	0.000*	---	4.02	2.629
12336	158	68108	50	599.3	485.5	1.4	0.04	0.000*	---	8.01	31.823
12337	162	68108	50	477.6	395.4	1.4	0.04	0.000*	---	6.72	19.862
12338	166	68108	50	491.1	405.4	1.4	0.04	0.000*	---	6.86	21.165
12339	167	68108	50	267.8	240.2	1.4	0.04	0.000*	---	4.32	3.688
12340	172	68108	50	626.3	505.5	1.4	0.04	0.000*	---	8.28	34.443
12341	175	68108	50	279.4	248.8	1.4	0.04	0.000*	---	4.45	4.266
12342	176	68108	50	422.3	354.5	1.4	0.04	0.000*	---	6.11	14.706
12343	177	68108	50	229.6	211.9	1.4	0.04	0.000*	---	3.85	2.114
12344	179	68108	50	555.2	452.8	1.4	0.04	0.000*	---	7.55	27.474
12345	183	68108	50	393.9	333.5	1.4	0.04	0.000*	---	5.79	12.23
12346	185	68108	50	530.3	434.5	1.4	0.04	0.000*	---	7.28	25.016
12347	187	68108	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.15
12348	190	68108	50	745.7	593.8	1.4	0.04	0.000*	---	9.47	45.408
12349	205	68108	50	376.8	320.8	1.4	0.04	0.000*	---	5.59	10.817
12350	207	68108	50	290.8	257.2	1.4	0.04	0.000*	---	4.59	4.879
12351	216	68108	50	591.3	479.6	1.4	0.04	0.000*	---	7.92	31.035
12352	229	68108	50	587.7	476.9	1.4	0.04	0.000*	---	7.89	30.679
12353	257	68108	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.241
12354	258	68108	50	422.8	354.9	1.4	0.04	0.000*	---	6.11	14.752
12355	260	68108	50	233.6	214.9	1.4	0.04	0.000*	---	3.9	2.256
12356	262	68108	50	182.6	177.2	1.4	0.04	0.000*	---	3.27	0.865
12357	263	68108	50	308.3	270.1	1.4	0.04	0.000*	---	4.8	5.907
12358	264	68108	50	224.9	208.4	1.4	0.04	0.000*	---	3.79	1.956
12359	265	68108	50	345.4	297.6	1.4	0.04	0.000*	---	5.23	8.405
12360	267	68108	50	451.4	376	1.4	0.04	0.000*	---	6.43	17.37
12361	269	68108	50	199.6	189.7	1.4	0.04	0.000*	---	3.48	1.234
12362	271	68108	50	319.7	278.6	1.4	0.04	0.000*	---	4.93	6.629
12363	273	68108	50	499.5	411.6	1.4	0.04	0.000*	---	6.95	21.98
12364	274	68108	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.827
12365	275	68108	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
12366	278	68108	50	714.1	570.4	1.4	0.04	0.000*	---	9.16	42.627
12367	279	68108	50	341.7	294.9	1.4	0.04	0.000*	---	5.19	8.137
12368	280	68108	50	314.5	274.7	1.4	0.04	0.000*	---	4.87	6.297
12369	281	68108	50	360	308.4	1.4	0.04	0.000*	---	5.4	9.495
12370	284	68108	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.062
12371	286	68108	50	316	275.9	1.4	0.04	0.000*	---	4.89	6.395
12372	287	68108	50	1197.2	928	1.4	0.04	0.000*	---	13.49	73.816
12373	288	68108	50	248.4	225.8	1.4	0.04	0.000*	---	4.08	2.824
12374	298	68108	50	388.7	329.6	1.4	0.04	0.000*	---	5.73	11.794
12375	327	68108	50	546.3	446.2	1.4	0.04	0.000*	---	7.45	26.591
12376	328	68108	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.955
12377	330	68108	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
12378	331	68108	50	493.4	407.1	1.4	0.04	0.000*	---	6.89	21.392
12379	338	68108	50	171.7	169	1.4	0.04	0.000*	---	3.13	0.671
12380	343	68108	50	451.8	376.3	1.4	0.04	0.000*	---	6.43	17.41
12381	344	68108	50	88.6	107.6	1.4	0.04	0.000*	---	2.05	0.038
12382	347	68108	50	487	402.4	1.4	0.04	0.000*	---	6.82	20.771

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12383	351	68108	50	285.9	253.6	1.4	0.04	0.000*	---	4.53	4.61
12384	355	68108	50	286.5	254.1	1.4	0.04	0.000*	---	4.54	4.646
12385	356	68108	50	435.1	364	1.4	0.04	0.000*	---	6.25	15.863
12386	359	68108	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
12387	362	68108	50	236	216.6	1.4	0.04	0.000*	---	3.93	2.342
12388	366	68108	50	356.7	305.9	1.4	0.04	0.000*	---	5.36	9.243
12389	372	68108	50	254.4	230.3	1.4	0.04	0.000*	---	4.15	3.077
12390	375	68108	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
12391	377	68108	50	380.8	323.8	1.4	0.04	0.000*	---	5.64	11.14
12392	380	68108	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.321
12393	381	68108	50	259.4	233.9	1.4	0.04	0.000*	---	4.21	3.296
12394	384	68108	50	327.7	284.5	1.4	0.04	0.000*	---	5.03	7.16
12395	394	68108	50	264.1	237.4	1.4	0.04	0.000*	---	4.27	3.51
12396	455	68108	50	535.6	438.4	1.4	0.04	0.000*	---	7.34	25.54
12397	490	68108	50	458.3	381.1	1.4	0.04	0.000*	---	6.51	18.022
12398	493	68108	50	189.8	182.5	1.4	0.04	0.000*	---	3.36	1.011
12399	501	68108	50	384.1	326.2	1.4	0.04	0.000*	---	5.68	11.411
12400	505	68108	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
12401	511	68108	50	144.4	148.9	1.4	0.04	0.000*	---	2.78	0.324
12402	513	68108	50	398.8	337.1	1.4	0.04	0.000*	---	5.84	12.644
12403	521	68108	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.949
12404	523	68108	50	314.9	275	1.4	0.04	0.000*	---	4.88	6.322
12405	524	68108	50	281.2	250.1	1.4	0.04	0.000*	---	4.48	4.362
12406	525	68108	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
12407	526	68108	50	275.9	246.1	1.4	0.04	0.000*	---	4.41	4.084
12408	531	68108	50	399.3	337.5	1.4	0.04	0.000*	---	5.85	12.691
12409	536	68108	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
12410	545	68108	50	321.3	279.7	1.4	0.04	0.000*	---	4.95	6.733
12411	549	68108	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.405
12412	550	68108	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
12413	556	68108	50	336.1	290.7	1.4	0.04	0.000*	---	5.12	7.741
12414	557	68108	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
12415	596	68108	50	561	457.1	1.4	0.04	0.000*	---	7.61	28.046
12416	601	68108	50	441.3	368.5	1.4	0.04	0.000*	---	6.32	16.429
12417	634	68108	50	74.8	97.4	1.4	0.04	0.000*	---	1.87	0.018
12418	636	68108	50	90.2	108.8	1.4	0.04	0.000*	---	2.08	0.041
12419	649	68108	50	165.6	164.6	1.4	0.04	0.000*	---	3.05	0.578
12420	656	68108	50	55.3	82.9	1.4	0.04	0.000*	---	1.61	0.005
12421	657	68108	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
12422	700	68108	50	440.8	368.2	1.4	0.04	0.000*	---	6.31	16.384
12423	701	68108	50	503.5	414.6	1.4	0.04	0.000*	---	7	22.372
12424	711	68108	50	285.2	253.1	1.4	0.04	0.000*	---	4.52	4.575
12425	723	68108	50	238.1	218.2	1.4	0.04	0.000*	---	3.95	2.421
12426	734	68108	50	271	242.6	1.4	0.04	0.000*	---	4.35	3.845
12427	752	68108	50	126.3	135.4	1.4	0.04	0.000*	---	2.55	0.181
12428	759	68108	50	426.6	357.7	1.4	0.04	0.000*	---	6.15	15.089
12429	800	68108	50	378.5	322	1.4	0.04	0.000*	---	5.61	10.951
12430	806	68108	50	401.9	339.4	1.4	0.04	0.000*	---	5.88	12.912
12431	812	68108	50	246.7	224.6	1.4	0.04	0.000*	---	4.06	2.755
12432	815	68108	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.169
12433	819	68108	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.215
12434	870	68108	50	119.8	130.7	1.4	0.04	0.000*	---	2.46	0.144
12435	897	68108	50	386.3	327.9	1.4	0.04	0.000*	---	5.7	11.594
12436	933	68108	50	438.4	366.4	1.4	0.04	0.000*	---	6.29	16.167
12437	989	68108	50	785.1	623	1.4	0.04	0.000*	---	9.85	48.732
12438	995	68108	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.431
12439	1004	68108	50	23.3	59.3	1.4	0.04	0.000*	---	1.18	0
12440	1171	68108	50	721.2	575.7	1.4	0.04	0.000*	---	9.23	43.266
12441	1250	68108	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.715
12442	1387	68108	50	405.4	342	1.4	0.04	0.000*	---	5.92	13.21
12443	1391	68108	50	377	321	1.4	0.04	0.000*	---	5.6	10.834

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12444	1395	68108	50	468	388.4	1.4	0.04	0.000*	---	6.61	18.946
12445	1398	68108	50	456.6	379.9	1.4	0.04	0.000*	---	6.49	17.865
12446	1508	68108	50	393.1	332.9	1.4	0.04	0.000*	---	5.78	12.165
12447	1513	68108	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.784
12448	1514	68108	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.901
12449	1522	68108	50	674.9	541.5	1.4	0.04	0.000*	---	8.78	39.055
12450	1523	68108	50	641.4	516.7	1.4	0.04	0.000*	---	8.44	35.897
12451	1525	68108	50	357.2	306.3	1.4	0.04	0.000*	---	5.37	9.28
12452	1526	68108	50	335.3	290.1	1.4	0.04	0.000*	---	5.11	7.682
12453	1527	68108	50	339.1	293	1.4	0.04	0.000*	---	5.16	7.954
12454	1529	68108	50	640.5	516	1.4	0.04	0.000*	---	8.43	35.804
12455	1556	68108	50	414.7	348.9	1.4	0.04	0.000*	---	6.02	14.031
12456	1557	68108	50	422.3	354.5	1.4	0.04	0.000*	---	6.11	14.703
12457	1558	68108	50	141.5	146.7	1.4	0.04	0.000*	---	2.74	0.296
12458	1559	68108	50	509.8	419.3	1.4	0.04	0.000*	---	7.07	22.996
12459	1561	68108	50	180.2	175.3	1.4	0.04	0.000*	---	3.24	0.818
12460	1567	68108	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
12461	1568	68108	50	651.1	523.8	1.4	0.04	0.000*	---	8.54	36.815
12462	1569	68108	50	467.5	388	1.4	0.04	0.000*	---	6.61	18.898
12463	1579	68108	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.747
12464	1581	68108	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
12465	1582	68108	50	461.9	383.8	1.4	0.04	0.000*	---	6.55	18.359
12466	1585	68108	50	222.3	206.5	1.4	0.04	0.000*	---	3.76	1.873
12467	1586	68108	50	447.1	372.8	1.4	0.04	0.000*	---	6.38	16.968
12468	1588	68108	50	278.8	248.3	1.4	0.04	0.000*	---	4.45	4.235
12469	1589	68108	50	489.1	403.9	1.4	0.04	0.000*	---	6.84	20.97
12470	1591	68108	50	748.1	595.6	1.4	0.04	0.000*	---	9.5	45.619
12471	1601	68108	50	515.8	423.7	1.4	0.04	0.000*	---	7.13	23.583
12472	1613	68108	50	297.5	262.1	1.4	0.04	0.000*	---	4.67	5.262
12473	1620	68108	50	863.2	680.8	1.4	0.04	0.000*	---	10.59	54.822
12474	2042	68108	50	476.3	394.5	1.4	0.04	0.000*	---	6.7	19.737
12475	2044	68108	50	496.1	409.1	1.4	0.04	0.000*	---	6.92	21.651
12476	2048	68108	50	624.3	504	1.4	0.04	0.000*	---	8.26	34.248
12477	2049	68108	50	262	235.9	1.4	0.04	0.000*	---	4.24	3.414
12478	2170	68108	50	221.4	205.8	1.4	0.04	0.000*	---	3.75	1.845
12479	2210	68108	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.467
12480	2228	68108	50	389.4	330.2	1.4	0.04	0.000*	---	5.74	11.855
12481	2257	68108	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
12482	2295	68108	50	152.6	154.9	1.4	0.04	0.000*	---	2.89	0.41
12483	2388	68108	50	183.6	177.8	1.4	0.04	0.000*	---	3.28	0.883
12484	2471	68108	50	836.3	660.8	1.4	0.04	0.000*	---	10.34	52.799
12485	2518	68108	50	448.1	373.6	1.4	0.04	0.000*	---	6.39	17.062
12486	2519	68108	50	584.9	474.9	1.4	0.04	0.000*	---	7.86	30.409
12487	2521	68108	50	135.6	142.3	1.4	0.04	0.000*	---	2.67	0.247
12488	2522	68108	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.775
12489	2527	68108	50	401.2	338.9	1.4	0.04	0.000*	---	5.87	12.85
12490	2530	68108	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.304
12491	2531	68108	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.5
12492	2532	68108	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.023
12493	3005	68108	50	200.9	190.6	1.4	0.04	0.000*	---	3.5	1.266
12494	3100	68108	50	206.8	195.1	1.4	0.04	0.000*	---	3.57	1.42
12495	5024	68108	50	164.8	164	1.4	0.04	0.000*	---	3.04	0.567
12496	5048	68108	50	277.5	247.4	1.4	0.04	0.000*	---	4.43	4.171
12497	5062	68108	50	296.3	261.3	1.4	0.04	0.000*	---	4.66	5.193
12498	5075	68108	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.24
12499	5078	68108	50	205.2	193.9	1.4	0.04	0.000*	---	3.55	1.377
12500	5080	68108	50	292.6	258.5	1.4	0.04	0.000*	---	4.61	4.982
12501	5081	68108	50	314.4	274.6	1.4	0.04	0.000*	---	4.87	6.289
12502	5084	68108	50	157.9	158.8	1.4	0.04	0.000*	---	2.95	0.473
12503	5087	68108	50	445.8	371.9	1.4	0.04	0.000*	---	6.37	16.847
12504	5088	68108	50	343.9	296.5	1.4	0.04	0.000*	---	5.21	8.293

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12505	5093	68108	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.37
12506	5225	68108	50	684.5	548.5	1.4	0.04	0.000*	---	8.87	39.941
12507	5226	68108	50	273.6	244.5	1.4	0.04	0.000*	---	4.38	3.971
12508	5227	68108	50	194.7	186.1	1.4	0.04	0.000*	---	3.42	1.118
12509	5229	68108	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
12510	5284	68108	50	638.1	514.2	1.4	0.04	0.000*	---	8.4	35.579
12511	5300	68108	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
12512	5301	68108	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
12513	5302	68108	50	278.3	247.9	1.4	0.04	0.000*	---	4.44	4.207
12514	5303	68108	50	521.5	427.9	1.4	0.04	0.000*	---	7.19	24.144
12515	5304	68108	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.329
12516	5305	68108	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.993
12517	5306	68108	50	492.9	406.8	1.4	0.04	0.000*	---	6.88	21.343
12518	5307	68108	50	303.3	266.5	1.4	0.04	0.000*	---	4.74	5.605
12519	5321	68108	50	693.1	554.9	1.4	0.04	0.000*	---	8.96	40.728
12520	5323	68108	50	319.7	278.6	1.4	0.04	0.000*	---	4.93	6.631
12521	5324	68108	50	417.2	350.8	1.4	0.04	0.000*	---	6.05	14.252
12522	5332	68108	50	714.6	570.8	1.4	0.04	0.000*	---	9.17	42.678
12523	5385	68108	50	412.4	347.2	1.4	0.04	0.000*	---	6	13.828
12524	5386	68108	50	405.5	342	1.4	0.04	0.000*	---	5.92	13.221
12525	5387	68108	50	281.5	250.3	1.4	0.04	0.000*	---	4.48	4.373
12526	5390	68108	50	297.5	262.1	1.4	0.04	0.000*	---	4.67	5.259
12527	5391	68108	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.985
12528	5392	68108	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.067
12529	5393	68108	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.276
12530	5394	68108	50	639	514.9	1.4	0.04	0.000*	---	8.41	35.665
12531	5395	68108	50	486.6	402.1	1.4	0.04	0.000*	---	6.82	20.735
12532	5396	68108	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.274
12533	5397	68108	50	204	193	1.4	0.04	0.000*	---	3.53	1.346
12534	5398	68108	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.891
12535	5399	68108	50	276.2	246.4	1.4	0.04	0.000*	---	4.42	4.104
12536	5400	68108	50	456.8	380.1	1.4	0.04	0.000*	---	6.49	17.883
12537	5401	68108	50	613.4	495.9	1.4	0.04	0.000*	---	8.15	33.193
12538	5402	68108	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.436
12539	5403	68108	50	267.9	240.3	1.4	0.04	0.000*	---	4.32	3.692
12540	5404	68108	50	458.8	381.5	1.4	0.04	0.000*	---	6.51	18.068
12541	5405	68108	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.182
12542	5407	68108	50	637.3	513.6	1.4	0.04	0.000*	---	8.4	35.498
12543	5408	68108	50	588.2	477.3	1.4	0.04	0.000*	---	7.89	30.728
12544	5409	68108	50	239	218.8	1.4	0.04	0.000*	---	3.97	2.453
12545	5410	68108	50	593	480.8	1.4	0.04	0.000*	---	7.94	31.201
12546	5411	68108	50	283.3	251.6	1.4	0.04	0.000*	---	4.5	4.469
12547	5412	68108	50	399.8	337.9	1.4	0.04	0.000*	---	5.85	12.732
12548	5413	68108	50	514.2	422.5	1.4	0.04	0.000*	---	7.11	23.426
12549	5415	68108	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.621
12550	5416	68108	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.169
12551	5417	68108	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.671
12552	5418	68108	50	183.5	177.8	1.4	0.04	0.000*	---	3.28	0.883
12553	5422	68108	50	530	434.2	1.4	0.04	0.000*	---	7.28	24.987
12554	5423	68108	50	381.1	324	1.4	0.04	0.000*	---	5.64	11.168
12555	5425	68108	50	609.7	493.2	1.4	0.04	0.000*	---	8.11	32.834
12556	5426	68108	50	64.6	89.8	1.4	0.04	0.000*	---	1.73	0.01
12557	5427	68108	50	434.7	363.7	1.4	0.04	0.000*	---	6.25	15.827
12558	5428	68108	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.751
12559	5429	68108	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
12560	5430	68108	50	321.6	280	1.4	0.04	0.000*	---	4.95	6.757
12561	5431	68108	50	357.6	306.6	1.4	0.04	0.000*	---	5.37	9.314
12562	5432	68108	50	609.8	493.3	1.4	0.04	0.000*	---	8.12	32.849
12563	5433	68108	50	592.3	480.3	1.4	0.04	0.000*	---	7.94	31.137
12564	5434	68108	50	415.7	349.6	1.4	0.04	0.000*	---	6.03	14.114
12565	5435	68108	50	182.7	177.2	1.4	0.04	0.000*	---	3.27	0.866

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12566	5436	68108	50	455.4	379	1.4	0.04	0.000*	---	6.47	17.75
12567	5437	68108	50	416.3	350.1	1.4	0.04	0.000*	---	6.04	14.172
12568	5438	68108	50	428.1	358.8	1.4	0.04	0.000*	---	6.17	15.225
12569	5439	68108	50	308.8	270.5	1.4	0.04	0.000*	---	4.8	5.941
12570	5440	68108	50	552.2	450.6	1.4	0.04	0.000*	---	7.52	27.176
12571	5443	68108	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.431
12572	5444	68108	50	432.4	362	1.4	0.04	0.000*	---	6.22	15.614
12573	5445	68108	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.669
12574	5446	68108	50	294.2	259.7	1.4	0.04	0.000*	---	4.63	5.074
12575	5447	68108	50	567.2	461.7	1.4	0.04	0.000*	---	7.67	28.658
12576	5449	68108	50	443	369.8	1.4	0.04	0.000*	---	6.34	16.593
12577	5450	68108	50	464	385.4	1.4	0.04	0.000*	---	6.57	18.562
12578	5451	68108	50	324.3	282	1.4	0.04	0.000*	---	4.99	6.933
12579	5452	68108	50	475.5	393.9	1.4	0.04	0.000*	---	6.69	19.656
12580	5454	68108	50	618.5	499.7	1.4	0.04	0.000*	---	8.2	33.684
12581	5455	68108	50	363.8	311.2	1.4	0.04	0.000*	---	5.44	9.791
12582	5457	68108	50	128.6	137.1	1.4	0.04	0.000*	---	2.58	0.196
12583	5458	68108	50	258.8	233.5	1.4	0.04	0.000*	---	4.21	3.271
12584	5459	68108	50	235.2	216	1.4	0.04	0.000*	---	3.92	2.312
12585	5460	68108	50	103.3	118.5	1.4	0.04	0.000*	---	2.25	0.075
12586	5461	68108	50	306.4	268.7	1.4	0.04	0.000*	---	4.78	5.79
12587	5462	68108	50	234.7	215.7	1.4	0.04	0.000*	---	3.91	2.294
12588	5463	68108	50	141	146.3	1.4	0.04	0.000*	---	2.74	0.292
12589	5466	68108	50	354.9	304.6	1.4	0.04	0.000*	---	5.34	9.11
12590	5467	68108	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.281
12591	5468	68108	50	428	358.7	1.4	0.04	0.000*	---	6.17	15.215
12592	5469	68108	50	307.9	269.9	1.4	0.04	0.000*	---	4.79	5.884
12593	5470	68108	50	455.9	379.4	1.4	0.04	0.000*	---	6.48	17.795
12594	5471	68108	50	506.4	416.7	1.4	0.04	0.000*	---	7.03	22.657
12595	5472	68108	50	158.3	159.1	1.4	0.04	0.000*	---	2.96	0.479
12596	5473	68108	50	272.2	243.4	1.4	0.04	0.000*	---	4.37	3.902
12597	5474	68108	50	478.5	396.1	1.4	0.04	0.000*	---	6.73	19.95
12598	5476	68108	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
12599	5477	68108	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
12600	5480	68108	50	363.7	311.1	1.4	0.04	0.000*	---	5.44	9.783
12601	5481	68108	50	404.8	341.6	1.4	0.04	0.000*	---	5.91	13.165
12602	5482	68108	50	413.5	348	1.4	0.04	0.000*	---	6.01	13.927
12603	5483	68108	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.688
12604	5484	68108	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.126
12605	5485	68108	50	613.2	495.8	1.4	0.04	0.000*	---	8.15	33.172
12606	5491	68108	50	377.7	321.5	1.4	0.04	0.000*	---	5.6	10.889
12607	5492	68108	50	450.3	375.2	1.4	0.04	0.000*	---	6.42	17.265
12608	5500	68108	50	518	425.3	1.4	0.04	0.000*	---	7.15	23.803
12609	5502	68108	50	574.6	467.2	1.4	0.04	0.000*	---	7.75	29.39
12610	5504	68108	50	595.3	482.5	1.4	0.04	0.000*	---	7.97	31.427
12611	5505	68108	50	377.2	321.1	1.4	0.04	0.000*	---	5.6	10.852
12612	5510	68108	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.698
12613	5511	68108	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
12614	5512	68108	50	137.6	143.8	1.4	0.04	0.000*	---	2.69	0.263
12615	5571	68108	50	615.3	497.3	1.4	0.04	0.000*	---	8.17	33.375
12616	5572	68108	50	229	211.5	1.4	0.04	0.000*	---	3.84	2.096
12617	5573	68108	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.078
12618	5574	68108	50	348.3	299.7	1.4	0.04	0.000*	---	5.26	8.613
12619	5583	68108	50	450.9	375.7	1.4	0.04	0.000*	---	6.42	17.325
12620	5587	68108	50	489.9	404.5	1.4	0.04	0.000*	---	6.85	21.05
12621	5588	68108	50	629.9	508.1	1.4	0.04	0.000*	---	8.32	34.787
12622	5589	68108	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.747
12623	5591	68108	50	469	389	1.4	0.04	0.000*	---	6.62	19.036
12624	5603	68108	50	410.5	345.8	1.4	0.04	0.000*	---	5.98	13.662
12625	5605	68108	50	62.2	88	1.4	0.04	0.000*	---	1.7	0.008
12626	5606	68108	50	309.8	271.2	1.4	0.04	0.000*	---	4.82	5.998

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12627	5607	68108	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.982
12628	5608	68108	50	314.9	275	1.4	0.04	0.000*	---	4.88	6.32
12629	5609	68108	50	494	407.5	1.4	0.04	0.000*	---	6.89	21.445
12630	5623	68108	50	249.4	226.6	1.4	0.04	0.000*	---	4.09	2.868
12631	5628	68108	50	211.4	198.5	1.4	0.04	0.000*	---	3.63	1.546
12632	5630	68108	50	447.8	373.4	1.4	0.04	0.000*	---	6.39	17.037
12633	5633	68108	50	421.8	354.1	1.4	0.04	0.000*	---	6.1	14.656
12634	5634	68108	50	759.1	603.7	1.4	0.04	0.000*	---	9.6	46.555
12635	5636	68108	50	571.2	464.7	1.4	0.04	0.000*	---	7.72	29.056
12636	5637	68108	50	288	255.1	1.4	0.04	0.000*	---	4.56	4.723
12637	5638	68108	50	330.8	286.8	1.4	0.04	0.000*	---	5.06	7.376
12638	5652	68108	50	542	443.1	1.4	0.04	0.000*	---	7.41	26.168
12639	5653	68108	50	279.5	248.9	1.4	0.04	0.000*	---	4.46	4.274
12640	5656	68108	50	162.9	162.5	1.4	0.04	0.000*	---	3.02	0.539
12641	5657	68108	50	501.5	413.1	1.4	0.04	0.000*	---	6.98	22.18
12642	5658	68108	50	108.7	122.5	1.4	0.04	0.000*	---	2.32	0.094
12643	5659	68108	50	253.4	229.5	1.4	0.04	0.000*	---	4.14	3.035
12644	5660	68108	50	537.1	439.5	1.4	0.04	0.000*	---	7.36	25.684
12645	5663	68108	50	322.1	280.3	1.4	0.04	0.000*	---	4.96	6.787
12646	5664	68108	50	671.2	538.7	1.4	0.04	0.000*	---	8.74	38.708
12647	5672	68108	50	454.5	378.3	1.4	0.04	0.000*	---	6.46	17.661
12648	5673	68108	50	403.9	340.9	1.4	0.04	0.000*	---	5.9	13.084
12649	5674	68108	50	442.5	369.5	1.4	0.04	0.000*	---	6.33	16.547
12650	5682	68108	50	992.5	776.4	1.4	0.04	0.000*	---	11.75	63.452
12651	5683	68108	50	268.5	240.7	1.4	0.04	0.000*	---	4.32	3.723
12652	5693	68108	50	394.6	334	1.4	0.04	0.000*	---	5.8	12.291
12653	5694	68108	50	480.3	397.4	1.4	0.04	0.000*	---	6.75	20.12
12654	5695	68108	50	344.3	296.8	1.4	0.04	0.000*	---	5.22	8.322
12655	12734	68108	50	264	237.3	1.4	0.04	0.000*	---	4.27	3.505
12656	12745	68108	50	512.6	421.3	1.4	0.04	0.000*	---	7.1	23.265
12657	12758	68108	50	406	342.5	1.4	0.04	0.000*	---	5.92	13.27
12658	12773	68108	50	253.6	229.6	1.4	0.04	0.000*	---	4.14	3.041
12659	12782	68108	50	228.3	210.9	1.4	0.04	0.000*	---	3.83	2.07
12660	12795	68108	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.075
12661	12806	68108	50	594	481.6	1.4	0.04	0.000*	---	7.95	31.3
12662	12808	68108	50	397.8	336.4	1.4	0.04	0.000*	---	5.83	12.56
12663	12816	68108	50	460.1	382.5	1.4	0.04	0.000*	---	6.53	18.191
12664	12822	68108	50	349.4	300.6	1.4	0.04	0.000*	---	5.28	8.7
12665	12824	68108	50	87.4	106.7	1.4	0.04	0.000*	---	2.04	0.036
12666	12828	68108	50	511.1	420.2	1.4	0.04	0.000*	---	7.08	23.124
12667	12832	68108	50	217.8	203.2	1.4	0.04	0.000*	---	3.71	1.733
12668	12842	68108	50	246.2	224.2	1.4	0.04	0.000*	---	4.05	2.733
12669	12859	68108	50	266	238.8	1.4	0.04	0.000*	---	4.29	3.601
12670	12880	68108	50	267	239.6	1.4	0.04	0.000*	---	4.3	3.647
12671	12882	68108	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
12672	12887	68108	50	274.6	245.2	1.4	0.04	0.000*	---	4.4	4.022
12673	12889	68108	50	24.3	60	1.4	0.04	0.000*	---	1.19	0
12674	12892	68108	50	449.4	374.5	1.4	0.04	0.000*	---	6.41	17.185
12675	12895	68108	50	350.1	301	1.4	0.04	0.000*	---	5.29	8.747
12676	12896	68108	50	597.8	484.4	1.4	0.04	0.000*	---	7.99	31.669
12677	12899	68108	50	510.9	420.1	1.4	0.04	0.000*	---	7.08	23.102
12678	12904	68108	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.336
12679	12917	68108	50	596.9	483.7	1.4	0.04	0.000*	---	7.98	31.582
12680	12918	68108	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.274
12681	12919	68108	50	193.5	185.2	1.4	0.04	0.000*	---	3.4	1.091
12682	12922	68108	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.755
12683	12924	68108	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
12684	12925	68108	50	251.5	228.1	1.4	0.04	0.000*	---	4.12	2.952
12685	12926	68108	50	215.6	201.6	1.4	0.04	0.000*	---	3.68	1.667
12686	12931	68108	50	1183.1	917.5	1.4	0.04	0.000*	---	13.38	73.215
12687	12933	68108	50	342.5	295.5	1.4	0.04	0.000*	---	5.2	8.197

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12688	12937	68108	50	224.8	208.3	1.4	0.04	0.000*	---	3.79	1.953
12689	12938	68108	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.42
12690	12939	68108	50	323.3	281.2	1.4	0.04	0.000*	---	4.97	6.865
12691	12940	68108	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.752
12692	12942	68108	50	292.8	258.7	1.4	0.04	0.000*	---	4.61	4.993
12693	12947	68108	50	226.7	209.8	1.4	0.04	0.000*	---	3.82	2.017
12694	12953	68108	50	344.9	297.2	1.4	0.04	0.000*	---	5.23	8.369
12695	12956	68108	50	385.9	327.6	1.4	0.04	0.000*	---	5.7	11.562
12696	12957	68108	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
12697	12960	68108	50	112.5	125.3	1.4	0.04	0.000*	---	2.37	0.109
12698	12977	68108	50	381.9	324.6	1.4	0.04	0.000*	---	5.65	11.232
12699	12980	68108	50	289.2	256	1.4	0.04	0.000*	---	4.57	4.791
12700	12986	68108	50	425.4	356.8	1.4	0.04	0.000*	---	6.14	14.981
12701	13000	68108	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
12702	13002	68108	50	570.1	463.9	1.4	0.04	0.000*	---	7.7	28.946
12703	13003	68108	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.657
12704	13007	68108	50	199.1	189.3	1.4	0.04	0.000*	---	3.47	1.222
12705	13008	68108	50	213.9	200.3	1.4	0.04	0.000*	---	3.66	1.618
12706	13011	68108	50	306	268.5	1.4	0.04	0.000*	---	4.77	5.769
12707	13014	68108	50	223.2	207.2	1.4	0.04	0.000*	---	3.77	1.902
12708	13019	68108	50	443.3	370	1.4	0.04	0.000*	---	6.34	16.617
12709	13020	68108	50	179	174.5	1.4	0.04	0.000*	---	3.22	0.797
12710	13029	68108	50	367.1	313.7	1.4	0.04	0.000*	---	5.48	10.049
12711	13031	68108	50	362.6	310.3	1.4	0.04	0.000*	---	5.43	9.697
12712	13041	68108	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
12713	13046	68108	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.461
12714	13047	68108	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.642
12715	13049	68108	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.882
12716	13058	68108	50	223.2	207.2	1.4	0.04	0.000*	---	3.77	1.903
12717	13061	68108	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.023
12718	13067	68108	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.129
12719	13071	68108	50	168.6	166.7	1.4	0.04	0.000*	---	3.09	0.622
12720	13075	68108	50	212.5	199.3	1.4	0.04	0.000*	---	3.64	1.577
12721	13079	68108	50	617.3	498.8	1.4	0.04	0.000*	---	8.19	33.57
12722	13082	68108	50	175.1	171.6	1.4	0.04	0.000*	---	3.17	0.728
12723	13090	68108	50	163.3	162.9	1.4	0.04	0.000*	---	3.02	0.546
12724	13094	68108	50	140.7	146.1	1.4	0.04	0.000*	---	2.73	0.29
12725	13097	68108	50	287.3	254.6	1.4	0.04	0.000*	---	4.55	4.687
12726	13099	68108	50	327.9	284.6	1.4	0.04	0.000*	---	5.03	7.174
12727	13101	68108	50	257	232.2	1.4	0.04	0.000*	---	4.18	3.19
12728	13102	68108	50	332.5	288	1.4	0.04	0.000*	---	5.08	7.489
12729	13103	68108	50	761.5	605.5	1.4	0.04	0.000*	---	9.63	46.763
12730	13105	68108	50	367	313.5	1.4	0.04	0.000*	---	5.48	10.034
12731	13108	68108	50	493.3	407	1.4	0.04	0.000*	---	6.89	21.379
12732	13109	68108	50	663.8	533.2	1.4	0.04	0.000*	---	8.66	38.016
12733	13113	68108	50	508.3	418.1	1.4	0.04	0.000*	---	7.05	22.842
12734	13115	68108	50	276.8	246.8	1.4	0.04	0.000*	---	4.42	4.131
12735	13116	68108	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.828
12736	13117	68108	50	310.1	271.5	1.4	0.04	0.000*	---	4.82	6.017
12737	13118	68108	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
12738	13119	68108	50	309.3	270.9	1.4	0.04	0.000*	---	4.81	5.972
12739	13120	68108	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.208
12740	13123	68108	50	245.2	223.4	1.4	0.04	0.000*	---	4.04	2.694
12741	13126	68108	50	523.9	429.7	1.4	0.04	0.000*	---	7.22	24.38
12742	13127	68108	50	291.7	257.9	1.4	0.04	0.000*	---	4.6	4.93
12743	13130	68108	50	204.1	193.1	1.4	0.04	0.000*	---	3.54	1.349
12744	13131	68108	50	257	232.2	1.4	0.04	0.000*	---	4.18	3.189
12745	13132	68108	50	256.9	232.1	1.4	0.04	0.000*	---	4.18	3.187
12746	13133	68108	50	278.3	247.9	1.4	0.04	0.000*	---	4.44	4.207
12747	13134	68108	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.227
12748	13135	68108	50	364.3	311.5	1.4	0.04	0.000*	---	5.45	9.825

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12749	13136	68108	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.207
12750	13137	68108	50	119.9	130.7	1.4	0.04	0.000*	---	2.46	0.144
12751	13138	68108	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.013
12752	13139	68108	50	203.3	192.4	1.4	0.04	0.000*	---	3.53	1.326
12753	13140	68108	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.557
12754	13141	68108	50	120.5	131.2	1.4	0.04	0.000*	---	2.47	0.147
12755	13142	68108	50	338.7	292.6	1.4	0.04	0.000*	---	5.15	7.923
12756	13143	68108	50	355.8	305.3	1.4	0.04	0.000*	---	5.35	9.177
12757	13144	68108	50	515.2	423.3	1.4	0.04	0.000*	---	7.12	23.525
12758	13145	68108	50	479.6	396.9	1.4	0.04	0.000*	---	6.74	20.053
12759	13146	68108	50	252.1	228.5	1.4	0.04	0.000*	---	4.12	2.977
12760	13148	68108	50	237.2	217.6	1.4	0.04	0.000*	---	3.94	2.389
12761	13149	68108	50	158.2	159.1	1.4	0.04	0.000*	---	2.96	0.478
12762	13150	68108	50	338	292.1	1.4	0.04	0.000*	---	5.15	7.877
12763	13152	68108	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
12764	13153	68108	50	346.4	298.4	1.4	0.04	0.000*	---	5.24	8.481
12765	13154	68108	50	255.6	231.2	1.4	0.04	0.000*	---	4.17	3.131
12766	13155	68108	50	125.6	134.9	1.4	0.04	0.000*	---	2.54	0.177
12767	13156	68108	50	1040.6	812	1.4	0.04	0.000*	---	12.17	66.226
12768	13157	68108	50	345.5	297.7	1.4	0.04	0.000*	---	5.23	8.415
12769	13159	68108	50	282.6	251.1	1.4	0.04	0.000*	---	4.49	4.434
12770	13164	68108	50	551.6	450.2	1.4	0.04	0.000*	---	7.51	27.119
12771	13169	68108	50	173.6	170.5	1.4	0.04	0.000*	---	3.15	0.704
12772	13171	68108	50	319.1	278.2	1.4	0.04	0.000*	---	4.93	6.595
12773	13174	68108	50	236.8	217.3	1.4	0.04	0.000*	---	3.94	2.373
12774	13184	68108	50	431	360.9	1.4	0.04	0.000*	---	6.2	15.487
12775	13186	68108	50	371.3	316.8	1.4	0.04	0.000*	---	5.53	10.379
12776	13188	68108	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.641
12777	13189	68108	50	487.3	402.6	1.4	0.04	0.000*	---	6.82	20.797
12778	13195	68108	50	203.5	192.6	1.4	0.04	0.000*	---	3.53	1.332
12779	13196	68108	50	157.2	158.3	1.4	0.04	0.000*	---	2.94	0.465
12780	13199	68108	50	362.2	310.1	1.4	0.04	0.000*	---	5.43	9.668
12781	13203	68108	50	410.6	345.9	1.4	0.04	0.000*	---	5.98	13.67
12782	13205	68108	50	303	266.2	1.4	0.04	0.000*	---	4.74	5.585
12783	13206	68108	50	452.2	376.6	1.4	0.04	0.000*	---	6.44	17.444
12784	13210	68108	50	186.8	180.3	1.4	0.04	0.000*	---	3.32	0.948
12785	13213	68108	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
12786	13214	68108	50	255.9	231.3	1.4	0.04	0.000*	---	4.17	3.14
12787	13217	68108	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.814
12788	13218	68108	50	106.8	121	1.4	0.04	0.000*	---	2.29	0.087
12789	13220	68108	50	226	209.2	1.4	0.04	0.000*	---	3.81	1.993
12790	13222	68108	50	702.6	561.9	1.4	0.04	0.000*	---	9.05	41.595
12791	13224	68108	50	201.9	191.4	1.4	0.04	0.000*	---	3.51	1.29
12792	13225	68108	50	413.4	347.9	1.4	0.04	0.000*	---	6.01	13.915
12793	13227	68108	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.242
12794	13232	68108	50	370.1	315.9	1.4	0.04	0.000*	---	5.52	10.28
12795	13233	68108	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.886
12796	13239	68108	50	164.8	164	1.4	0.04	0.000*	---	3.04	0.567
12797	13241	68108	50	663.8	533.2	1.4	0.04	0.000*	---	8.66	38.014
12798	13242	68108	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.055
12799	13246	68108	50	116.9	128.5	1.4	0.04	0.000*	---	2.43	0.129
12800	13247	68108	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
12801	13253	68108	50	141	146.4	1.4	0.04	0.000*	---	2.74	0.293
12802	13254	68108	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.33
12803	13256	68108	50	275.9	246.1	1.4	0.04	0.000*	---	4.41	4.085
12804	13258	68108	50	312	272.9	1.4	0.04	0.000*	---	4.84	6.14
12805	13260	68108	50	227.1	210.1	1.4	0.04	0.000*	---	3.82	2.03
12806	13267	68108	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.313
12807	13275	68108	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.263
12808	13276	68108	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
12809	13277	68108	50	293.4	259.1	1.4	0.04	0.000*	---	4.62	5.026

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12810	13278	68108	50	205.8	194.3	1.4	0.04	0.000*	---	3.56	1.391
12811	13286	68108	50	446	372.1	1.4	0.04	0.000*	---	6.37	16.871
12812	13289	68108	50	613.5	496	1.4	0.04	0.000*	---	8.15	33.203
12813	13291	68108	50	433	362.4	1.4	0.04	0.000*	---	6.23	15.668
12814	13292	68108	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
12815	13293	68108	50	228.3	210.9	1.4	0.04	0.000*	---	3.83	2.069
12816	13296	68108	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.03
12817	13300	68108	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
12818	13304	68108	50	177.2	173.1	1.4	0.04	0.000*	---	3.2	0.765
12819	13308	68108	50	253.8	229.8	1.4	0.04	0.000*	---	4.15	3.05
12820	13311	68108	50	290.5	257	1.4	0.04	0.000*	---	4.59	4.865
12821	13314	68108	50	320.9	279.4	1.4	0.04	0.000*	---	4.95	6.707
12822	13316	68108	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.752
12823	13328	68108	50	99.5	115.7	1.4	0.04	0.000*	---	2.2	0.063
12824	13329	68108	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
12825	13330	68108	50	321.5	279.9	1.4	0.04	0.000*	---	4.95	6.745
12826	13333	68108	50	365.8	312.7	1.4	0.04	0.000*	---	5.47	9.943
12827	13335	68108	50	255.6	231.2	1.4	0.04	0.000*	---	4.17	3.13
12828	13337	68108	50	311.9	272.8	1.4	0.04	0.000*	---	4.84	6.129
12829	13339	68108	50	250.5	227.4	1.4	0.04	0.000*	---	4.11	2.911
12830	13341	68108	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.112
12831	13346	68108	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.006
12832	13349	68108	50	412.2	347	1.4	0.04	0.000*	---	5.99	13.807
12833	13353	68108	50	335	289.9	1.4	0.04	0.000*	---	5.11	7.668
12834	13362	68108	50	301.9	265.4	1.4	0.04	0.000*	---	4.72	5.522
12835	13368	68108	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.854
12836	13371	68108	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.433
12837	13378	68108	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.824
12838	13380	68108	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.98
12839	13385	68108	50	230.2	212.4	1.4	0.04	0.000*	---	3.86	2.137
12840	13390	68108	50	337.2	291.5	1.4	0.04	0.000*	---	5.14	7.818
12841	13393	68108	50	236	216.7	1.4	0.04	0.000*	---	3.93	2.344
12842	13396	68108	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.899
12843	13406	68108	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.008
12844	13408	68108	50	274.5	245.2	1.4	0.04	0.000*	---	4.4	4.018
12845	13411	68108	50	349.9	300.9	1.4	0.04	0.000*	---	5.28	8.732
12846	13412	68108	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
12847	13413	68108	50	443.3	370	1.4	0.04	0.000*	---	6.34	16.617
12848	13414	68108	50	767.7	610.1	1.4	0.04	0.000*	---	9.69	47.287
12849	13415	68108	50	513.3	421.9	1.4	0.04	0.000*	---	7.1	23.34
12850	13416	68108	50	502.3	413.7	1.4	0.04	0.000*	---	6.98	22.257
12851	13418	68108	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.488
12852	13419	68108	50	534.4	437.5	1.4	0.04	0.000*	---	7.33	25.421
12853	13422	68108	50	309.3	270.9	1.4	0.04	0.000*	---	4.81	5.968
12854	13424	68108	50	292.5	258.5	1.4	0.04	0.000*	---	4.61	4.975
12855	13427	68108	50	548.3	447.7	1.4	0.04	0.000*	---	7.48	26.792
12856	13428	68108	50	291.8	258	1.4	0.04	0.000*	---	4.6	4.938
12857	13431	68108	50	515.1	423.2	1.4	0.04	0.000*	---	7.12	23.514
12858	13434	68108	50	337.6	291.8	1.4	0.04	0.000*	---	5.14	7.846
12859	13436	68108	50	194	185.6	1.4	0.04	0.000*	---	3.41	1.103
12860	13440	68108	50	498.2	410.7	1.4	0.04	0.000*	---	6.94	21.862
12861	13445	68108	50	421.7	354	1.4	0.04	0.000*	---	6.1	14.648
12862	13449	68108	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
12863	13451	68108	50	364.8	312	1.4	0.04	0.000*	---	5.46	9.868
12864	13454	68108	50	391	331.4	1.4	0.04	0.000*	---	5.75	11.988
12865	13466	68108	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
12866	13473	68108	50	262.8	236.4	1.4	0.04	0.000*	---	4.25	3.451
12867	13478	68108	50	434.6	363.6	1.4	0.04	0.000*	---	6.24	15.822
12868	13481	68108	50	380	323.2	1.4	0.04	0.000*	---	5.63	11.076
12869	13485	68108	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.683
12870	13486	68108	50	541.7	442.9	1.4	0.04	0.000*	---	7.41	26.14

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12871	13488	68108	50	445.2	371.4	1.4	0.04	0.000*	---	6.36	16.791
12872	13499	68108	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.993
12873	13502	68108	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.275
12874	13503	68108	50	227.5	210.4	1.4	0.04	0.000*	---	3.83	2.045
12875	13510	68108	50	390.4	330.9	1.4	0.04	0.000*	---	5.75	11.933
12876	13518	68108	50	103.2	118.3	1.4	0.04	0.000*	---	2.25	0.074
12877	13519	68108	50	491.1	405.4	1.4	0.04	0.000*	---	6.86	21.165
12878	13520	68108	50	691	553.3	1.4	0.04	0.000*	---	8.94	40.534
12879	13521	68108	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.715
12880	13527	68108	50	259.2	233.8	1.4	0.04	0.000*	---	4.21	3.287
12881	13529	68108	50	375.5	319.9	1.4	0.04	0.000*	---	5.58	10.716
12882	13530	68108	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
12883	13536	68108	50	489.6	404.3	1.4	0.04	0.000*	---	6.85	21.026
12884	13539	68108	50	257.6	232.6	1.4	0.04	0.000*	---	4.19	3.216
12885	13546	68108	50	428.3	358.9	1.4	0.04	0.000*	---	6.17	15.242
12886	13550	68108	50	400.1	338.1	1.4	0.04	0.000*	---	5.86	12.761
12887	13553	68108	50	316.6	276.3	1.4	0.04	0.000*	---	4.9	6.43
12888	13556	68108	50	305.3	268	1.4	0.04	0.000*	---	4.76	5.727
12889	13557	68108	50	419.4	352.3	1.4	0.04	0.000*	---	6.07	14.441
12890	13560	68108	50	434.7	363.7	1.4	0.04	0.000*	---	6.25	15.829
12891	13565	68108	50	107.8	121.8	1.4	0.04	0.000*	---	2.31	0.09
12892	13569	68108	50	341.3	294.5	1.4	0.04	0.000*	---	5.18	8.107
12893	13570	68108	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.804
12894	13574	68108	50	195.9	186.9	1.4	0.04	0.000*	---	3.43	1.145
12895	13575	68108	50	280.9	249.9	1.4	0.04	0.000*	---	4.47	4.345
12896	13582	68108	50	453.4	377.5	1.4	0.04	0.000*	---	6.45	17.563
12897	13589	68108	50	463.1	384.7	1.4	0.04	0.000*	---	6.56	18.477
12898	13591	68108	50	52.5	80.9	1.4	0.04	0.000*	---	1.57	0.004
12899	13595	68108	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.351
12900	13596	68108	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.473
12901	13608	68108	50	432.3	361.9	1.4	0.04	0.000*	---	6.22	15.604
12902	13610	68108	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.085
12903	13615	68108	50	324.6	282.2	1.4	0.04	0.000*	---	4.99	6.957
12904	13618	68108	50	353.3	303.5	1.4	0.04	0.000*	---	5.32	8.989
12905	13622	68108	50	59.8	86.2	1.4	0.04	0.000*	---	1.67	0.007
12906	13631	68108	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
12907	13640	68108	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.221
12908	13641	68108	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.522
12909	13644	68108	50	441.6	368.8	1.4	0.04	0.000*	---	6.32	16.464
12910	13645	68108	50	312	272.9	1.4	0.04	0.000*	---	4.84	6.137
12911	13651	68108	50	513.4	421.9	1.4	0.04	0.000*	---	7.1	23.344
12912	13652	68108	50	1476.3	1134.4	1.4	0.04	0.000*	---	15.68	83.073
12913	13653	68108	50	312	272.9	1.4	0.04	0.000*	---	4.84	6.137
12914	13661	68108	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
12915	13662	68108	50	544.2	444.7	1.4	0.04	0.000*	---	7.43	26.382
12916	13666	68108	50	493.3	407	1.4	0.04	0.000*	---	6.89	21.377
12917	13672	68108	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.11
12918	13674	68108	50	247.4	225.1	1.4	0.04	0.000*	---	4.07	2.786
12919	13675	68108	50	165.7	164.6	1.4	0.04	0.000*	---	3.05	0.579
12920	13676	68108	50	364.4	311.6	1.4	0.04	0.000*	---	5.45	9.835
12921	13677	68108	50	172.6	169.7	1.4	0.04	0.000*	---	3.14	0.686
12922	13679	68108	50	372.1	317.4	1.4	0.04	0.000*	---	5.54	10.443
12923	13681	68108	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.738
12924	13682	68108	50	385.5	327.2	1.4	0.04	0.000*	---	5.69	11.524
12925	13685	68108	50	312.1	273	1.4	0.04	0.000*	---	4.84	6.144
12926	13691	68108	50	329	285.5	1.4	0.04	0.000*	---	5.04	7.254
12927	13698	68108	50	126.2	135.4	1.4	0.04	0.000*	---	2.55	0.18
12928	13699	68108	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.411
12929	13709	68108	50	610.1	493.5	1.4	0.04	0.000*	---	8.12	32.876
12930	13710	68108	50	210.9	198.1	1.4	0.04	0.000*	---	3.62	1.532
12931	13760	68108	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12932	13764	68108	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
12933	13766	68108	50	187.5	180.7	1.4	0.04	0.000*	---	3.33	0.962
12934	13767	68108	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.274
12935	13770	68108	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.274
12936	13771	68108	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
12937	13773	68108	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.659
12938	13774	68108	50	1074.6	837.2	1.4	0.04	0.000*	---	12.47	68.053
12939	13775	68108	50	321	279.6	1.4	0.04	0.000*	---	4.95	6.719
12940	13776	68108	50	314	274.4	1.4	0.04	0.000*	---	4.87	6.264
12941	13786	68108	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
12942	13787	68108	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.185
12943	13795	68108	50	503.6	414.7	1.4	0.04	0.000*	---	7	22.389
12944	13798	68108	50	430.4	360.5	1.4	0.04	0.000*	---	6.2	15.437
12945	13809	68108	50	578.6	470.1	1.4	0.04	0.000*	---	7.79	29.784
12946	13810	68108	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.82
12947	13827	68108	50	471.8	391.1	1.4	0.04	0.000*	---	6.65	19.303
12948	13829	68108	50	315.4	275.4	1.4	0.04	0.000*	---	4.88	6.354
12949	13832	68108	50	96.4	113.3	1.4	0.04	0.000*	---	2.16	0.055
12950	13836	68108	50	493.5	407.2	1.4	0.04	0.000*	---	6.89	21.396
12951	13841	68108	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
12952	13847	68108	50	454.9	378.6	1.4	0.04	0.000*	---	6.47	17.7
12953	13848	68108	50	708.3	566.2	1.4	0.04	0.000*	---	9.11	42.112
12954	13854	68108	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.038
12955	13860	68108	50	437.4	365.7	1.4	0.04	0.000*	---	6.28	16.076
12956	13868	68108	50	657.8	528.8	1.4	0.04	0.000*	---	8.6	37.448
12957	13870	68108	50	390.6	331	1.4	0.04	0.000*	---	5.75	11.95
12958	13873	68108	50	305.8	268.3	1.4	0.04	0.000*	---	4.77	5.755
12959	13876	68108	50	247.1	224.8	1.4	0.04	0.000*	---	4.06	2.77
12960	13878	68108	50	386.6	328.1	1.4	0.04	0.000*	---	5.71	11.623
12961	13885	68108	50	283.6	251.9	1.4	0.04	0.000*	---	4.51	4.49
12962	13887	68108	50	277.3	247.2	1.4	0.04	0.000*	---	4.43	4.155
12963	13888	68108	50	299.4	263.5	1.4	0.04	0.000*	---	4.69	5.371
12964	13892	68108	50	264.3	237.6	1.4	0.04	0.000*	---	4.27	3.521
12965	13894	68108	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
12966	13895	68108	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393
12967	13903	68108	50	388.4	329.4	1.4	0.04	0.000*	---	5.72	11.768
12968	13920	68108	50	265.2	238.3	1.4	0.04	0.000*	---	4.28	3.564
12969	13923	68108	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
12970	13924	68108	50	250.7	227.5	1.4	0.04	0.000*	---	4.11	2.918
12971	13926	68108	50	388.1	329.2	1.4	0.04	0.000*	---	5.72	11.744
12972	13931	68108	50	181.7	176.5	1.4	0.04	0.000*	---	3.26	0.848
12973	13933	68108	50	100	116	1.4	0.04	0.000*	---	2.21	0.065
12974	13936	68108	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
12975	13938	68108	50	188.1	181.2	1.4	0.04	0.000*	---	3.34	0.975
12976	13939	68108	50	274.9	245.4	1.4	0.04	0.000*	---	4.4	4.038
12977	13941	68108	50	523.1	429.1	1.4	0.04	0.000*	---	7.21	24.3
12978	13950	68108	50	399.1	337.3	1.4	0.04	0.000*	---	5.85	12.669
12979	13953	68108	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.351
12980	13954	68108	50	259.2	233.8	1.4	0.04	0.000*	---	4.21	3.288
12981	13958	68108	50	405	341.7	1.4	0.04	0.000*	---	5.91	13.18
12982	13960	68108	50	166	164.9	1.4	0.04	0.000*	---	3.06	0.584
12983	13962	68108	50	297.2	262	1.4	0.04	0.000*	---	4.67	5.246
12984	13963	68108	50	2301.9	1745.4	1.4	0.04	0.000*	---	21.2	94.505
12985	13965	68108	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
12986	13969	68108	50	224	207.8	1.4	0.04	0.000*	---	3.78	1.927
12987	13983	68108	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
12988	13990	68108	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
12989	13992	68108	50	659.7	530.2	1.4	0.04	0.000*	---	8.62	37.63
12990	13996	68108	50	186.4	179.9	1.4	0.04	0.000*	---	3.31	0.94
12991	13998	68108	50	433.7	362.9	1.4	0.04	0.000*	---	6.23	15.733
12992	14008	68108	50	26.5	61.6	1.4	0.04	0.000*	---	1.22	0

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
12993	14011	68108	50	351.2	301.9	1.4	0.04	0.000*	---	5.3	8.832
12994	14020	68108	50	281.7	250.5	1.4	0.04	0.000*	---	4.48	4.386
12995	14022	68108	50	348.8	300.1	1.4	0.04	0.000*	---	5.27	8.656
12996	14028	68108	50	238.7	218.6	1.4	0.04	0.000*	---	3.96	2.442
12997	14037	68108	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.576
12998	14038	68108	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
12999	14043	68108	50	130.7	138.7	1.4	0.04	0.000*	---	2.6	0.21
13000	14048	68108	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
13001	14051	68108	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
13002	14056	68108	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.482
13003	14057	68108	50	300.6	264.5	1.4	0.04	0.000*	---	4.71	5.445
13004	14065	68108	50	400.6	338.5	1.4	0.04	0.000*	---	5.86	12.804
13005	14072	68108	50	327.8	284.5	1.4	0.04	0.000*	---	5.03	7.165
13006	14076	68108	50	170.1	167.9	1.4	0.04	0.000*	---	3.11	0.646
13007	14079	68108	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
13008	14081	68108	50	197.1	187.9	1.4	0.04	0.000*	---	3.45	1.175
13009	14083	68108	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
13010	14084	68108	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.582
13011	14086	68108	50	383	325.4	1.4	0.04	0.000*	---	5.66	11.325
13012	14087	68108	50	33.2	66.6	1.4	0.04	0.000*	---	1.31	0.001
13013	14089	68108	50	242.6	221.5	1.4	0.04	0.000*	---	4.01	2.592
13014	14095	68108	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
13015	14096	68108	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.397
13016	14106	68108	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.229
13017	14110	68108	50	409.5	345	1.4	0.04	0.000*	---	5.96	13.57
13018	14111	68108	50	281.3	250.2	1.4	0.04	0.000*	---	4.48	4.366
13019	14112	68108	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.599
13020	14113	68108	50	274.9	245.4	1.4	0.04	0.000*	---	4.4	4.034
13021	14123	68108	50	384.1	326.2	1.4	0.04	0.000*	---	5.68	11.411
13022	14128	68108	50	400.7	338.5	1.4	0.04	0.000*	---	5.86	12.811
13023	14130	68108	50	343.7	296.4	1.4	0.04	0.000*	---	5.21	8.283
13024	14134	68108	50	696.3	557.3	1.4	0.04	0.000*	---	8.99	41.027
13025	14135	68108	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.233
13026	14140	68108	50	161.3	161.4	1.4	0.04	0.000*	---	3	0.518
13027	14141	68108	50	363	310.6	1.4	0.04	0.000*	---	5.44	9.73
13028	14147	68108	50	232.9	214.3	1.4	0.04	0.000*	---	3.89	2.229
13029	14151	68108	50	373.2	318.2	1.4	0.04	0.000*	---	5.55	10.528
13030	14153	68108	50	410.7	345.9	1.4	0.04	0.000*	---	5.98	13.679
13031	14173	68108	50	577	469	1.4	0.04	0.000*	---	7.78	29.628
13032	14174	68108	50	520.7	427.4	1.4	0.04	0.000*	---	7.18	24.07
13033	14186	68108	50	564.2	459.5	1.4	0.04	0.000*	---	7.64	28.367
13034	14192	68108	50	142.1	147.2	1.4	0.04	0.000*	---	2.75	0.303
13035	14202	68108	50	553.7	451.8	1.4	0.04	0.000*	---	7.53	27.331
13036	14203	68108	50	275.2	245.7	1.4	0.04	0.000*	---	4.4	4.052
13037	14204	68108	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.818
13038	14205	68108	50	354.4	304.2	1.4	0.04	0.000*	---	5.34	9.069
13039	14209	68108	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.597
13040	14210	68108	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.702
13041	14217	68108	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
13042	14218	68108	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.819
13043	14220	68108	50	725.2	578.7	1.4	0.04	0.000*	---	9.27	43.621
13044	14230	68108	50	295.5	260.6	1.4	0.04	0.000*	---	4.65	5.143
13045	14231	68108	50	92.9	110.8	1.4	0.04	0.000*	---	2.11	0.047
13046	14232	68108	50	423.8	355.6	1.4	0.04	0.000*	---	6.12	14.835
13047	14246	68108	50	442.5	369.4	1.4	0.04	0.000*	---	6.33	16.541
13048	14251	68108	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.032
13049	14258	68108	50	227.1	210.1	1.4	0.04	0.000*	---	3.82	2.03
13050	14269	68108	50	313.1	273.7	1.4	0.04	0.000*	---	4.86	6.211
13051	14270	68108	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.175
13052	14272	68108	50	189.6	182.3	1.4	0.04	0.000*	---	3.35	1.005
13053	14274	68108	50	72.5	95.6	1.4	0.04	0.000*	---	1.84	0.016

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13054	14279	68108	50	29	63.5	1.4	0.04	0.000*	---	1.25	0
13055	14284	68108	50	311.1	272.2	1.4	0.04	0.000*	---	4.83	6.082
13056	14285	68108	50	191.7	183.9	1.4	0.04	0.000*	---	3.38	1.052
13057	14286	68108	50	374.8	319.4	1.4	0.04	0.000*	---	5.57	10.659
13058	14287	68108	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
13059	14290	68108	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.461
13060	14300	68108	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.307
13061	14306	68108	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.435
13062	14309	68108	50	266.9	239.5	1.4	0.04	0.000*	---	4.3	3.644
13063	14313	68108	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.748
13064	14315	68108	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.193
13065	14316	68108	50	425.1	356.5	1.4	0.04	0.000*	---	6.14	14.952
13066	14321	68108	50	248.7	226	1.4	0.04	0.000*	---	4.08	2.836
13067	14327	68108	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.655
13068	14328	68108	50	587.8	476.9	1.4	0.04	0.000*	---	7.89	30.687
13069	14331	68108	50	161.7	161.6	1.4	0.04	0.000*	---	3	0.523
13070	14333	68108	50	525.7	431	1.4	0.04	0.000*	---	7.24	24.561
13071	14335	68108	50	64.6	89.8	1.4	0.04	0.000*	---	1.73	0.01
13072	14343	68108	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
13073	14345	68108	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
13074	14349	68108	50	341.8	294.9	1.4	0.04	0.000*	---	5.19	8.145
13075	14351	68108	50	289.2	256	1.4	0.04	0.000*	---	4.57	4.794
13076	14354	68108	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
13077	14357	68108	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.019
13078	14358	68108	50	417.7	351.1	1.4	0.04	0.000*	---	6.06	14.293
13079	14360	68108	50	288.9	255.8	1.4	0.04	0.000*	---	4.57	4.773
13080	14366	68108	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.927
13081	14369	68108	50	356.5	305.8	1.4	0.04	0.000*	---	5.36	9.226
13082	14370	68108	50	84.6	104.6	1.4	0.04	0.000*	---	2	0.031
13083	14372	68108	50	157.8	158.8	1.4	0.04	0.000*	---	2.95	0.473
13084	14379	68108	50	407.3	343.4	1.4	0.04	0.000*	---	5.94	13.377
13085	14389	68108	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.526
13086	14391	68108	50	123.6	133.5	1.4	0.04	0.000*	---	2.51	0.165
13087	14392	68108	50	355.5	305.1	1.4	0.04	0.000*	---	5.35	9.156
13088	14401	68108	50	295.6	260.8	1.4	0.04	0.000*	---	4.65	5.153
13089	14414	68108	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
13090	14418	68108	50	377.5	321.4	1.4	0.04	0.000*	---	5.6	10.879
13091	14421	68108	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
13092	14433	68108	50	122.6	132.7	1.4	0.04	0.000*	---	2.5	0.159
13093	14438	68108	50	247.2	224.9	1.4	0.04	0.000*	---	4.07	2.775
13094	14440	68108	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.173
13095	14442	68108	50	131	138.9	1.4	0.04	0.000*	---	2.61	0.212
13096	14444	68108	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.166
13097	14445	68108	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
13098	14449	68108	50	276.7	246.8	1.4	0.04	0.000*	---	4.42	4.127
13099	14455	68108	50	319.3	278.3	1.4	0.04	0.000*	---	4.93	6.604
13100	14458	68108	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
13101	14461	68108	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.947
13102	14466	68108	50	176	172.2	1.4	0.04	0.000*	---	3.18	0.743
13103	14468	68108	50	773.7	614.5	1.4	0.04	0.000*	---	9.74	47.788
13104	14474	68108	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.54
13105	14476	68108	50	176.6	172.6	1.4	0.04	0.000*	---	3.19	0.753
13106	14480	68108	50	216.7	202.4	1.4	0.04	0.000*	---	3.69	1.7
13107	14481	68108	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.773
13108	14486	68108	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
13109	14488	68108	50	147.1	150.8	1.4	0.04	0.000*	---	2.82	0.35
13110	14490	68108	50	318	277.3	1.4	0.04	0.000*	---	4.91	6.52
13111	14491	68108	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.323
13112	14493	68108	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.325
13113	14494	68108	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.356
13114	14496	68108	50	104.6	119.4	1.4	0.04	0.000*	---	2.27	0.079

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13115	14497	68108	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.848
13116	14501	68108	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
13117	14503	68108	50	121.7	132.1	1.4	0.04	0.000*	---	2.49	0.154
13118	14518	68108	50	513.2	421.8	1.4	0.04	0.000*	---	7.1	23.329
13119	14519	68108	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.121
13120	14521	68108	50	196.3	187.3	1.4	0.04	0.000*	---	3.44	1.157
13121	14527	68108	50	226.2	209.4	1.4	0.04	0.000*	---	3.81	1.999
13122	14529	68108	50	227.3	210.2	1.4	0.04	0.000*	---	3.82	2.036
13123	14530	68108	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.581
13124	14537	68108	50	300.1	264.1	1.4	0.04	0.000*	---	4.7	5.413
13125	14540	68108	50	391.8	332	1.4	0.04	0.000*	---	5.76	12.056
13126	14545	68108	50	377.5	321.4	1.4	0.04	0.000*	---	5.6	10.876
13127	14547	68108	50	352.1	302.5	1.4	0.04	0.000*	---	5.31	8.898
13128	14555	68108	50	433.2	362.6	1.4	0.04	0.000*	---	6.23	15.693
13129	14558	68108	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.274
13130	14562	68108	50	49.7	78.8	1.4	0.04	0.000*	---	1.54	0.003
13131	14563	68108	50	307.6	269.6	1.4	0.04	0.000*	---	4.79	5.866
13132	14569	68108	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.094
13133	14570	68108	50	368.3	314.5	1.4	0.04	0.000*	---	5.5	10.137
13134	14571	68108	50	86.3	105.8	1.4	0.04	0.000*	---	2.02	0.034
13135	14573	68108	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.66
13136	14574	68108	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.253
13137	14575	68108	50	261.5	235.6	1.4	0.04	0.000*	---	4.24	3.395
13138	14576	68108	50	486.5	402	1.4	0.04	0.000*	---	6.81	20.723
13139	14578	68108	50	206.4	194.8	1.4	0.04	0.000*	---	3.56	1.409
13140	14579	68108	50	73.3	96.2	1.4	0.04	0.000*	---	1.85	0.017
13141	14580	68108	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.876
13142	14582	68108	50	293	258.8	1.4	0.04	0.000*	---	4.62	5.002
13143	14585	68108	50	428.6	359.2	1.4	0.04	0.000*	---	6.18	15.274
13144	14586	68108	50	177.8	173.6	1.4	0.04	0.000*	---	3.21	0.776
13145	14600	68108	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.63
13146	14607	68108	50	511.5	420.5	1.4	0.04	0.000*	---	7.08	23.157
13147	14610	68108	50	308	269.9	1.4	0.04	0.000*	---	4.79	5.891
13148	14613	68108	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.717
13149	14616	68108	50	364.6	311.8	1.4	0.04	0.000*	---	5.45	9.851
13150	14617	68108	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
13151	14621	68108	50	406.8	343.1	1.4	0.04	0.000*	---	5.93	13.339
13152	14622	68108	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.052
13153	14623	68108	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
13154	14630	68108	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.799
13155	14637	68108	50	425.9	357.1	1.4	0.04	0.000*	---	6.15	15.024
13156	14638	68108	50	441.2	368.5	1.4	0.04	0.000*	---	6.32	16.427
13157	14639	68108	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
13158	14642	68108	50	90.2	108.8	1.4	0.04	0.000*	---	2.08	0.041
13159	14643	68108	50	557.1	454.2	1.4	0.04	0.000*	---	7.57	27.659
13160	14660	68108	50	303	266.2	1.4	0.04	0.000*	---	4.74	5.586
13161	14663	68108	50	540.8	442.2	1.4	0.04	0.000*	---	7.4	26.049
13162	14665	68108	50	219.8	204.7	1.4	0.04	0.000*	---	3.73	1.795
13163	14669	68108	50	588.9	477.8	1.4	0.04	0.000*	---	7.9	30.803
13164	14670	68108	50	498.4	410.8	1.4	0.04	0.000*	---	6.94	21.881
13165	14671	68108	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.338
13166	14673	68108	50	300.5	264.4	1.4	0.04	0.000*	---	4.71	5.439
13167	14674	68108	50	446.7	372.5	1.4	0.04	0.000*	---	6.38	16.933
13168	14675	68108	50	235.2	216.1	1.4	0.04	0.000*	---	3.92	2.314
13169	14676	68108	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.914
13170	14677	68108	50	366.2	313	1.4	0.04	0.000*	---	5.47	9.975
13171	14683	68108	50	425.4	356.8	1.4	0.04	0.000*	---	6.14	14.982
13172	14684	68108	50	310.5	271.8	1.4	0.04	0.000*	---	4.82	6.046
13173	14685	68108	50	138.7	144.7	1.4	0.04	0.000*	---	2.71	0.273
13174	14692	68108	50	388.7	329.6	1.4	0.04	0.000*	---	5.73	11.791
13175	14697	68108	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13176	14700	68108	50	665.9	534.8	1.4	0.04	0.000*	---	8.69	38.212
13177	14701	68108	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.516
13178	14710	68108	50	367.6	314	1.4	0.04	0.000*	---	5.49	10.088
13179	14713	68108	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.077
13180	14715	68108	50	173.7	170.6	1.4	0.04	0.000*	---	3.15	0.705
13181	14716	68108	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.658
13182	14720	68108	50	123	133	1.4	0.04	0.000*	---	2.51	0.161
13183	14728	68108	50	270.3	242	1.4	0.04	0.000*	---	4.34	3.806
13184	14729	68108	50	52.3	80.7	1.4	0.04	0.000*	---	1.57	0.004
13185	14732	68108	50	304.4	267.3	1.4	0.04	0.000*	---	4.75	5.672
13186	14736	68108	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
13187	14738	68108	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221
13188	14742	68108	50	364.7	311.9	1.4	0.04	0.000*	---	5.45	9.858
13189	14745	68108	50	137.6	143.8	1.4	0.04	0.000*	---	2.69	0.263
13190	14747	68108	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.305
13191	14748	68108	50	380.4	323.5	1.4	0.04	0.000*	---	5.63	11.108
13192	14754	68108	50	551.1	449.8	1.4	0.04	0.000*	---	7.51	27.072
13193	14770	68108	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.613
13194	14771	68108	50	220.5	205.2	1.4	0.04	0.000*	---	3.74	1.816
13195	14773	68108	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.134
13196	14782	68108	50	65.6	90.6	1.4	0.04	0.000*	---	1.75	0.01
13197	14785	68108	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.517
13198	14786	68108	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
13199	14789	68108	50	186.7	180.2	1.4	0.04	0.000*	---	3.32	0.946
13200	14795	68108	50	209.9	197.3	1.4	0.04	0.000*	---	3.61	1.504
13201	14796	68108	50	46.9	76.7	1.4	0.04	0.000*	---	1.5	0.003
13202	14800	68108	50	263.4	236.9	1.4	0.04	0.000*	---	4.26	3.479
13203	14803	68108	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
13204	14804	68108	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
13205	14807	68108	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.031
13206	14808	68108	50	351.9	302.4	1.4	0.04	0.000*	---	5.31	8.884
13207	14815	68108	50	380.5	323.6	1.4	0.04	0.000*	---	5.64	11.121
13208	14816	68108	50	345.3	297.5	1.4	0.04	0.000*	---	5.23	8.4
13209	14818	68108	50	354.5	304.4	1.4	0.04	0.000*	---	5.34	9.082
13210	14825	68108	50	586.3	475.9	1.4	0.04	0.000*	---	7.87	30.546
13211	14827	68108	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.603
13212	14830	68108	50	317.8	277.2	1.4	0.04	0.000*	---	4.91	6.51
13213	14831	68108	50	492.3	406.3	1.4	0.04	0.000*	---	6.88	21.283
13214	14832	68108	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.947
13215	14835	68108	50	461.8	383.7	1.4	0.04	0.000*	---	6.54	18.347
13216	14839	68108	50	231.4	213.2	1.4	0.04	0.000*	---	3.87	2.177
13217	14841	68108	50	448.6	373.9	1.4	0.04	0.000*	---	6.4	17.108
13218	14847	68108	50	207.8	195.7	1.4	0.04	0.000*	---	3.58	1.444
13219	14848	68108	50	274.6	245.2	1.4	0.04	0.000*	---	4.4	4.023
13220	14849	68108	50	262.3	236.1	1.4	0.04	0.000*	---	4.25	3.429
13221	14850	68108	50	246.3	224.2	1.4	0.04	0.000*	---	4.05	2.738
13222	14851	68108	50	524.6	430.2	1.4	0.04	0.000*	---	7.22	24.448
13223	14853	68108	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.402
13224	14855	68108	50	275.2	245.6	1.4	0.04	0.000*	---	4.4	4.051
13225	14856	68108	50	450.3	375.2	1.4	0.04	0.000*	---	6.42	17.267
13226	14859	68108	50	492.1	406.2	1.4	0.04	0.000*	---	6.88	21.267
13227	14862	68108	50	241.7	220.9	1.4	0.04	0.000*	---	4	2.557
13228	14867	68108	50	596.9	483.7	1.4	0.04	0.000*	---	7.98	31.584
13229	14868	68108	50	388.1	329.2	1.4	0.04	0.000*	---	5.72	11.748
13230	14870	68108	50	625.2	504.6	1.4	0.04	0.000*	---	8.27	34.334
13231	14871	68108	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.943
13232	14878	68108	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.441
13233	14879	68108	50	354	303.9	1.4	0.04	0.000*	---	5.33	9.038
13234	14888	68108	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.987
13235	14890	68108	50	181	175.9	1.4	0.04	0.000*	---	3.25	0.834
13236	14891	68108	50	151.5	154.1	1.4	0.04	0.000*	---	2.87	0.398

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13237	14894	68108	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.059
13238	14895	68108	50	126.3	135.4	1.4	0.04	0.000*	---	2.55	0.181
13239	14901	68108	50	228.9	211.4	1.4	0.04	0.000*	---	3.84	2.092
13240	14902	68108	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.131
13241	14903	68108	50	264.3	237.6	1.4	0.04	0.000*	---	4.27	3.52
13242	14904	68108	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
13243	14907	68108	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.213
13244	14911	68108	50	196.3	187.3	1.4	0.04	0.000*	---	3.44	1.157
13245	14912	68108	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.138
13246	14914	68108	50	790	626.6	1.4	0.04	0.000*	---	9.9	49.138
13247	14925	68108	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.707
13248	14931	68108	50	385.3	327.1	1.4	0.04	0.000*	---	5.69	11.508
13249	14932	68108	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.792
13250	14933	68108	50	236	216.7	1.4	0.04	0.000*	---	3.93	2.344
13251	14935	68108	50	639.4	515.2	1.4	0.04	0.000*	---	8.42	35.702
13252	14940	68108	50	276.3	246.4	1.4	0.04	0.000*	---	4.42	4.105
13253	14941	68108	50	264.1	237.4	1.4	0.04	0.000*	---	4.27	3.51
13254	14944	68108	50	412.5	347.3	1.4	0.04	0.000*	---	6	13.834
13255	14946	68108	50	352.7	303	1.4	0.04	0.000*	---	5.32	8.942
13256	14947	68108	50	435	363.9	1.4	0.04	0.000*	---	6.25	15.855
13257	14953	68108	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
13258	14954	68108	50	451	375.8	1.4	0.04	0.000*	---	6.43	17.336
13259	14960	68108	50	125.9	135.1	1.4	0.04	0.000*	---	2.54	0.179
13260	14961	68108	50	692	554.1	1.4	0.04	0.000*	---	8.95	40.628
13261	14963	68108	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.928
13262	14968	68108	50	216.4	202.2	1.4	0.04	0.000*	---	3.69	1.691
13263	14973	68108	50	125.3	134.7	1.4	0.04	0.000*	---	2.54	0.175
13264	14977	68108	50	240.5	220	1.4	0.04	0.000*	---	3.98	2.511
13265	14983	68108	50	241.2	220.5	1.4	0.04	0.000*	---	3.99	2.539
13266	14987	68108	50	553.3	451.5	1.4	0.04	0.000*	---	7.53	27.29
13267	14989	68108	50	212.5	199.2	1.4	0.04	0.000*	---	3.64	1.576
13268	14996	68108	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.213
13269	14997	68108	50	581.4	472.2	1.4	0.04	0.000*	---	7.82	30.063
13270	14998	68108	50	599.5	485.6	1.4	0.04	0.000*	---	8.01	31.836
13271	15001	68108	50	343.7	296.4	1.4	0.04	0.000*	---	5.21	8.285
13272	15002	68108	50	305.6	268.1	1.4	0.04	0.000*	---	4.77	5.742
13273	15005	68108	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
13274	15007	68108	50	167.1	165.7	1.4	0.04	0.000*	---	3.07	0.6
13275	15018	68108	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.486
13276	15021	68108	50	280.4	249.5	1.4	0.04	0.000*	---	4.47	4.319
13277	15023	68108	50	124.1	133.8	1.4	0.04	0.000*	---	2.52	0.168
13278	15026	68108	50	646.7	520.5	1.4	0.04	0.000*	---	8.49	36.395
13279	15030	68108	50	179.3	174.7	1.4	0.04	0.000*	---	3.22	0.802
13280	15034	68108	50	188.2	181.3	1.4	0.04	0.000*	---	3.34	0.977
13281	15039	68108	50	141.3	146.5	1.4	0.04	0.000*	---	2.74	0.295
13282	15046	68108	50	399.9	337.9	1.4	0.04	0.000*	---	5.86	12.742
13283	15049	68108	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.18
13284	15051	68108	50	396.3	335.2	1.4	0.04	0.000*	---	5.81	12.431
13285	15053	68108	50	296.7	261.5	1.4	0.04	0.000*	---	4.66	5.213
13286	15055	68108	50	304.1	267	1.4	0.04	0.000*	---	4.75	5.653
13287	15061	68108	50	340.4	293.9	1.4	0.04	0.000*	---	5.17	8.043
13288	15062	68108	50	109.2	122.8	1.4	0.04	0.000*	---	2.33	0.096
13289	15067	68108	50	462.9	384.6	1.4	0.04	0.000*	---	6.56	18.458
13290	15069	68108	50	606.9	491.1	1.4	0.04	0.000*	---	8.09	32.564
13291	15070	68108	50	439.2	367	1.4	0.04	0.000*	---	6.29	16.237
13292	15073	68108	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.111
13293	15075	68108	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.896
13294	15081	68108	50	413.2	347.7	1.4	0.04	0.000*	---	6	13.892
13295	15085	68108	50	235.6	216.4	1.4	0.04	0.000*	---	3.92	2.33
13296	15087	68108	50	184.9	178.9	1.4	0.04	0.000*	---	3.3	0.91
13297	15093	68108	50	506.9	417.1	1.4	0.04	0.000*	---	7.03	22.713

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13298	15096	68108	50	177.6	173.4	1.4	0.04	0.000*	---	3.2	0.772
13299	15098	68108	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
13300	15103	68108	50	413.3	347.9	1.4	0.04	0.000*	---	6.01	13.906
13301	15107	68108	50	424.3	356	1.4	0.04	0.000*	---	6.13	14.883
13302	15112	68108	50	209	196.6	1.4	0.04	0.000*	---	3.6	1.478
13303	15115	68108	50	489.5	404.2	1.4	0.04	0.000*	---	6.85	21.008
13304	15116	68108	50	493.3	407	1.4	0.04	0.000*	---	6.89	21.379
13305	15117	68108	50	620.4	501.1	1.4	0.04	0.000*	---	8.22	33.874
13306	15118	68108	50	360.1	308.5	1.4	0.04	0.000*	---	5.4	9.506
13307	15120	68108	50	310.2	271.5	1.4	0.04	0.000*	---	4.82	6.024
13308	15127	68108	50	327.8	284.5	1.4	0.04	0.000*	---	5.03	7.166
13309	15129	68108	50	420.8	353.4	1.4	0.04	0.000*	---	6.09	14.569
13310	15135	68108	50	486.8	402.2	1.4	0.04	0.000*	---	6.82	20.749
13311	15137	68108	50	358.3	307.1	1.4	0.04	0.000*	---	5.38	9.366
13312	15138	68108	50	285.5	253.3	1.4	0.04	0.000*	---	4.53	4.589
13313	15140	68108	50	465.2	386.2	1.4	0.04	0.000*	---	6.58	18.673
13314	15143	68108	50	194.9	186.3	1.4	0.04	0.000*	---	3.42	1.124
13315	15146	68108	50	487.8	403	1.4	0.04	0.000*	---	6.83	20.847
13316	15147	68108	50	289.5	256.2	1.4	0.04	0.000*	---	4.57	4.808
13317	15148	68108	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.363
13318	15151	68108	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
13319	15152	68108	50	415.8	349.7	1.4	0.04	0.000*	---	6.03	14.126
13320	15156	68108	50	205.6	194.2	1.4	0.04	0.000*	---	3.55	1.388
13321	15165	68108	50	212.1	198.9	1.4	0.04	0.000*	---	3.63	1.564
13322	15173	68108	50	346.6	298.5	1.4	0.04	0.000*	---	5.25	8.491
13323	15174	68108	50	372.5	317.6	1.4	0.04	0.000*	---	5.54	10.471
13324	15176	68108	50	30.6	64.6	1.4	0.04	0.000*	---	1.27	0.001
13325	15185	68108	50	390.8	331.2	1.4	0.04	0.000*	---	5.75	11.966
13326	15186	68108	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.591
13327	15187	68108	50	632.7	510.2	1.4	0.04	0.000*	---	8.35	35.06
13328	15188	68108	50	490.2	404.8	1.4	0.04	0.000*	---	6.85	21.079
13329	15195	68108	50	176.8	172.8	1.4	0.04	0.000*	---	3.19	0.757
13330	15196	68108	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.191
13331	15201	68108	50	467.6	388	1.4	0.04	0.000*	---	6.61	18.904
13332	15204	68108	50	202.5	191.9	1.4	0.04	0.000*	---	3.52	1.308
13333	15205	68108	50	322.8	280.9	1.4	0.04	0.000*	---	4.97	6.833
13334	15207	68108	50	324.8	282.4	1.4	0.04	0.000*	---	4.99	6.969
13335	15209	68108	50	414.6	348.8	1.4	0.04	0.000*	---	6.02	14.019
13336	15212	68108	50	321.8	280.1	1.4	0.04	0.000*	---	4.96	6.765
13337	15214	68108	50	73.3	96.2	1.4	0.04	0.000*	---	1.85	0.017
13338	15222	68108	50	299.2	263.4	1.4	0.04	0.000*	---	4.69	5.363
13339	15224	68108	50	192.7	184.6	1.4	0.04	0.000*	---	3.39	1.074
13340	15226	68108	50	758.8	603.5	1.4	0.04	0.000*	---	9.6	46.534
13341	15228	68108	50	160.7	160.9	1.4	0.04	0.000*	---	2.99	0.51
13342	15235	68108	50	377.3	321.2	1.4	0.04	0.000*	---	5.6	10.858
13343	15242	68108	50	51	79.7	1.4	0.04	0.000*	---	1.55	0.004
13344	15243	68108	50	286.8	254.2	1.4	0.04	0.000*	---	4.54	4.66
13345	15248	68108	50	22.8	58.9	1.4	0.04	0.000*	---	1.17	0
13346	15251	68108	50	213.7	200.1	1.4	0.04	0.000*	---	3.65	1.61
13347	15254	68108	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.915
13348	15256	68108	50	495.4	408.6	1.4	0.04	0.000*	---	6.91	21.585
13349	15259	68108	50	375.5	319.9	1.4	0.04	0.000*	---	5.58	10.712
13350	15266	68108	50	333.2	288.5	1.4	0.04	0.000*	---	5.09	7.536
13351	15270	68108	50	44.7	75.1	1.4	0.04	0.000*	---	1.47	0.002
13352	15272	68108	50	487.1	402.5	1.4	0.04	0.000*	---	6.82	20.782
13353	15273	68108	50	55.2	82.9	1.4	0.04	0.000*	---	1.61	0.005
13354	15276	68108	50	645.7	519.8	1.4	0.04	0.000*	---	8.48	36.304
13355	15281	68108	50	430.6	360.6	1.4	0.04	0.000*	---	6.2	15.453
13356	15289	68108	50	245.7	223.8	1.4	0.04	0.000*	---	4.05	2.716
13357	15290	68108	50	358.7	307.4	1.4	0.04	0.000*	---	5.39	9.394
13358	15296	68108	50	139.8	145.4	1.4	0.04	0.000*	---	2.72	0.282

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13359	15304	68108	50	550.8	449.6	1.4	0.04	0.000*	---	7.5	27.04
13360	15312	68108	50	196.6	187.4	1.4	0.04	0.000*	---	3.44	1.162
13361	15322	68108	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
13362	15324	68108	50	437.3	365.6	1.4	0.04	0.000*	---	6.27	16.06
13363	15326	68108	50	667.1	535.7	1.4	0.04	0.000*	---	8.7	38.327
13364	15327	68108	50	397.8	336.4	1.4	0.04	0.000*	---	5.83	12.565
13365	15328	68108	50	146	150	1.4	0.04	0.000*	---	2.8	0.339
13366	15330	68108	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.329
13367	15337	68108	50	753.1	599.3	1.4	0.04	0.000*	---	9.54	46.048
13368	15339	68108	50	342.7	295.6	1.4	0.04	0.000*	---	5.2	8.207
13369	15353	68108	50	319.2	278.2	1.4	0.04	0.000*	---	4.93	6.6
13370	15356	68108	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.936
13371	15359	68108	50	729.5	581.8	1.4	0.04	0.000*	---	9.31	43.993
13372	15364	68108	50	501.2	412.9	1.4	0.04	0.000*	---	6.97	22.15
13373	15368	68108	50	690.2	552.7	1.4	0.04	0.000*	---	8.93	40.461
13374	15381	68108	50	268.3	240.6	1.4	0.04	0.000*	---	4.32	3.712
13375	15383	68108	50	244.3	222.7	1.4	0.04	0.000*	---	4.03	2.657
13376	15387	68108	50	212.9	199.5	1.4	0.04	0.000*	---	3.64	1.587
13377	15391	68108	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.463
13378	15396	68108	50	151.9	154.4	1.4	0.04	0.000*	---	2.88	0.402
13379	15401	68108	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
13380	15403	68108	50	375.2	319.6	1.4	0.04	0.000*	---	5.57	10.687
13381	15404	68108	50	298.3	262.8	1.4	0.04	0.000*	---	4.68	5.309
13382	15405	68108	50	168.5	166.7	1.4	0.04	0.000*	---	3.09	0.621
13383	15408	68108	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.757
13384	15411	68108	50	464.7	385.9	1.4	0.04	0.000*	---	6.58	18.626
13385	15412	68108	50	295.1	260.4	1.4	0.04	0.000*	---	4.64	5.121
13386	15413	68108	50	151.6	154.2	1.4	0.04	0.000*	---	2.87	0.399
13387	15414	68108	50	177.6	173.4	1.4	0.04	0.000*	---	3.2	0.772
13388	15415	68108	50	402.2	339.6	1.4	0.04	0.000*	---	5.88	12.939
13389	15418	68108	50	421.2	353.7	1.4	0.04	0.000*	---	6.09	14.606
13390	15419	68108	50	384.4	326.4	1.4	0.04	0.000*	---	5.68	11.436
13391	15420	68108	50	491.6	405.8	1.4	0.04	0.000*	---	6.87	21.213
13392	15422	68108	50	58.2	85	1.4	0.04	0.000*	---	1.65	0.006
13393	15423	68108	50	61.8	87.8	1.4	0.04	0.000*	---	1.7	0.008
13394	15424	68108	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.897
13395	15425	68108	50	285.9	253.6	1.4	0.04	0.000*	---	4.53	4.61
13396	15428	68108	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.396
13397	15429	68108	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
13398	15431	68108	50	304.1	267	1.4	0.04	0.000*	---	4.75	5.65
13399	15432	68108	50	40	71.6	1.4	0.04	0.000*	---	1.4	0.001
13400	15435	68108	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
13401	15437	68108	50	248.7	226	1.4	0.04	0.000*	---	4.08	2.837
13402	15439	68108	50	292.8	258.7	1.4	0.04	0.000*	---	4.61	4.992
13403	15441	68108	50	64.4	89.6	1.4	0.04	0.000*	---	1.73	0.01
13404	15443	68108	50	256.5	231.8	1.4	0.04	0.000*	---	4.18	3.168
13405	15446	68108	50	755.9	601.4	1.4	0.04	0.000*	---	9.57	46.286
13406	15448	68108	50	539.3	441.1	1.4	0.04	0.000*	---	7.38	25.902
13407	15451	68108	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.912
13408	15457	68108	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
13409	15458	68108	50	372.6	317.7	1.4	0.04	0.000*	---	5.55	10.482
13410	15459	68108	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
13411	15465	68108	50	243.6	222.3	1.4	0.04	0.000*	---	4.02	2.631
13412	15468	68108	50	227.3	210.2	1.4	0.04	0.000*	---	3.82	2.037
13413	15469	68108	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
13414	15471	68108	50	336.6	291.1	1.4	0.04	0.000*	---	5.13	7.775
13415	15472	68108	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.382
13416	15475	68108	50	283.8	252	1.4	0.04	0.000*	---	4.51	4.498
13417	15478	68108	50	215	201.1	1.4	0.04	0.000*	---	3.67	1.649
13418	15479	68108	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
13419	15481	68108	50	561.3	457.4	1.4	0.04	0.000*	---	7.61	28.082

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
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Run Mode: Research

* : signify default values used in place of missing input data.
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13420	15482	68108	50	37.7	69.9	1.4	0.04	0.000*	---	1.37	0.001
13421	15483	68108	50	460.4	382.7	1.4	0.04	0.000*	---	6.53	18.224
13422	15486	68108	50	34.7	67.7	1.4	0.04	0.000*	---	1.33	0.001
13423	15488	68108	50	288	255.2	1.4	0.04	0.000*	---	4.56	4.728
13424	15490	68108	50	567.1	461.6	1.4	0.04	0.000*	---	7.67	28.65
13425	15491	68108	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.027
13426	15502	68108	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
13427	15505	68108	50	884.8	696.7	1.4	0.04	0.000*	---	10.79	56.388
13428	15506	68108	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
13429	15530	68108	50	119.1	130.1	1.4	0.04	0.000*	---	2.45	0.14
13430	15533	68108	50	253.4	229.5	1.4	0.04	0.000*	---	4.14	3.032
13431	15535	68108	50	38	70.1	1.4	0.04	0.000*	---	1.38	0.001
13432	15538	68108	50	104.7	119.4	1.4	0.04	0.000*	---	2.27	0.079
13433	15539	68108	50	297.2	261.9	1.4	0.04	0.000*	---	4.67	5.245
13434	15542	68108	50	286.4	253.9	1.4	0.04	0.000*	---	4.54	4.635
13435	15546	68108	50	572.1	465.4	1.4	0.04	0.000*	---	7.73	29.149
13436	15549	68108	50	224.9	208.4	1.4	0.04	0.000*	---	3.79	1.957
13437	15552	68108	50	352.6	302.9	1.4	0.04	0.000*	---	5.31	8.934
13438	15553	68108	50	470.9	390.5	1.4	0.04	0.000*	---	6.64	19.218
13439	15555	68108	50	322.6	280.7	1.4	0.04	0.000*	---	4.97	6.82
13440	15558	68108	50	32.1	65.7	1.4	0.04	0.000*	---	1.3	0.001
13441	15559	68108	50	356.6	305.9	1.4	0.04	0.000*	---	5.36	9.24
13442	15563	68108	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355
13443	15567	68108	50	85.9	105.6	1.4	0.04	0.000*	---	2.02	0.033
13444	15570	68108	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.937
13445	15572	68108	50	558.1	455	1.4	0.04	0.000*	---	7.58	27.76
13446	15579	68108	50	502.4	413.8	1.4	0.04	0.000*	---	6.99	22.268
13447	15580	68108	50	334.3	289.4	1.4	0.04	0.000*	---	5.1	7.615
13448	15582	68108	50	339.4	293.1	1.4	0.04	0.000*	---	5.16	7.971
13449	15583	68108	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.567
13450	15584	68108	50	200.5	190.4	1.4	0.04	0.000*	---	3.49	1.258
13451	15585	68108	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
13452	15588	68108	50	308.9	270.6	1.4	0.04	0.000*	---	4.81	5.945
13453	15589	68108	50	395.9	335	1.4	0.04	0.000*	---	5.81	12.401
13454	15592	68108	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.379
13455	15593	68108	50	94.8	112.2	1.4	0.04	0.000*	---	2.14	0.051
13456	15594	68108	50	43.6	74.3	1.4	0.04	0.000*	---	1.45	0.002
13457	15595	68108	50	387.8	329	1.4	0.04	0.000*	---	5.72	11.721
13458	15596	68108	50	529.1	433.5	1.4	0.04	0.000*	---	7.27	24.895
13459	15597	68108	50	378.2	321.8	1.4	0.04	0.000*	---	5.61	10.928
13460	15598	68108	50	335.6	290.3	1.4	0.04	0.000*	---	5.12	7.705
13461	15599	68108	50	414.6	348.8	1.4	0.04	0.000*	---	6.02	14.023
13462	15600	68108	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.475
13463	15601	68108	50	268.9	240.9	1.4	0.04	0.000*	---	4.33	3.738
13464	15603	68108	50	106.8	121	1.4	0.04	0.000*	---	2.29	0.087
13465	15606	68108	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
13466	15610	68108	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
13467	15614	68108	50	197.1	187.9	1.4	0.04	0.000*	---	3.45	1.174
13468	15615	68108	50	389.2	330	1.4	0.04	0.000*	---	5.73	11.836
13469	15616	68108	50	415	349.1	1.4	0.04	0.000*	---	6.02	14.05
13470	15617	68108	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.045
13471	15618	68108	50	91.4	109.7	1.4	0.04	0.000*	---	2.09	0.044
13472	15619	68108	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.064
13473	15624	68108	50	101.4	117.1	1.4	0.04	0.000*	---	2.22	0.069
13474	15625	68108	50	377.5	321.4	1.4	0.04	0.000*	---	5.6	10.876
13475	15628	68108	50	252.1	228.6	1.4	0.04	0.000*	---	4.13	2.98
13476	15630	68108	50	71.9	95.2	1.4	0.04	0.000*	---	1.83	0.015
13477	15632	68108	50	705.7	564.3	1.4	0.04	0.000*	---	9.08	41.878
13478	15635	68108	50	401.6	339.2	1.4	0.04	0.000*	---	5.88	12.889
13479	15639	68108	50	161.4	161.5	1.4	0.04	0.000*	---	3	0.52
13480	15643	68108	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.034

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13481	15646	68108	50	569.7	463.5	1.4	0.04	0.000*	---	7.7	28.904
13482	15649	68108	50	668.1	536.4	1.4	0.04	0.000*	---	8.71	38.413
13483	15650	68108	50	522.3	428.5	1.4	0.04	0.000*	---	7.2	24.219
13484	15652	68108	50	397.6	336.3	1.4	0.04	0.000*	---	5.83	12.548
13485	15656	68108	50	40	71.6	1.4	0.04	0.000*	---	1.4	0.001
13486	15658	68108	50	304.6	267.4	1.4	0.04	0.000*	---	4.75	5.685
13487	15662	68108	50	224.2	207.9	1.4	0.04	0.000*	---	3.78	1.934
13488	15672	68108	50	45.2	75.5	1.4	0.04	0.000*	---	1.47	0.002
13489	15674	68108	50	745.2	593.4	1.4	0.04	0.000*	---	9.47	45.362
13490	15675	68108	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.522
13491	15679	68108	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.606
13492	15680	68108	50	169.9	167.8	1.4	0.04	0.000*	---	3.11	0.644
13493	15683	68108	50	279.7	249	1.4	0.04	0.000*	---	4.46	4.281
13494	15687	68108	50	569.7	463.5	1.4	0.04	0.000*	---	7.7	28.904
13495	15688	68108	50	179.6	174.9	1.4	0.04	0.000*	---	3.23	0.809
13496	15689	68108	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
13497	15692	68108	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.841
13498	15699	68108	50	141.5	146.7	1.4	0.04	0.000*	---	2.74	0.297
13499	15703	68108	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.267
13500	15704	68108	50	74.7	97.3	1.4	0.04	0.000*	---	1.87	0.018
13501	15706	68108	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.034
13502	15707	68108	50	213.3	199.8	1.4	0.04	0.000*	---	3.65	1.598
13503	15710	68108	50	349.7	300.8	1.4	0.04	0.000*	---	5.28	8.718
13504	15711	68108	50	81.5	102.3	1.4	0.04	0.000*	---	1.96	0.026
13505	15714	68108	50	304	267	1.4	0.04	0.000*	---	4.75	5.647
13506	15719	68108	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.219
13507	15720	68108	50	152.4	154.8	1.4	0.04	0.000*	---	2.88	0.408
13508	15725	68108	50	365.8	312.7	1.4	0.04	0.000*	---	5.47	9.948
13509	15726	68108	50	43.8	74.4	1.4	0.04	0.000*	---	1.45	0.002
13510	15727	68108	50	308.5	270.3	1.4	0.04	0.000*	---	4.8	5.923
13511	15730	68108	50	456.9	380.1	1.4	0.04	0.000*	---	6.49	17.886
13512	15734	68108	50	473.5	392.4	1.4	0.04	0.000*	---	6.67	19.468
13513	15739	68108	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
13514	15740	68108	50	49.7	78.8	1.4	0.04	0.000*	---	1.54	0.003
13515	15742	68108	50	970.8	760.4	1.4	0.04	0.000*	---	11.56	62.13
13516	15743	68108	50	300.3	264.3	1.4	0.04	0.000*	---	4.7	5.428
13517	15747	68108	50	228	210.7	1.4	0.04	0.000*	---	3.83	2.061
13518	15748	68108	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.053
13519	15750	68108	50	390	330.6	1.4	0.04	0.000*	---	5.74	11.899
13520	15759	68108	50	157.2	158.3	1.4	0.04	0.000*	---	2.94	0.464
13521	15760	68108	50	560.2	456.6	1.4	0.04	0.000*	---	7.6	27.971
13522	15762	68108	50	381.5	324.3	1.4	0.04	0.000*	---	5.65	11.198
13523	15763	68108	50	33.3	66.6	1.4	0.04	0.000*	---	1.31	0.001
13524	15764	68108	50	266.8	239.5	1.4	0.04	0.000*	---	4.3	3.641
13525	15766	68108	50	580.9	471.9	1.4	0.04	0.000*	---	7.82	30.01
13526	15768	68108	50	79.4	100.7	1.4	0.04	0.000*	---	1.93	0.023
13527	15772	68108	50	402.5	339.9	1.4	0.04	0.000*	---	5.89	12.967
13528	15773	68108	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
13529	15775	68108	50	380.5	323.6	1.4	0.04	0.000*	---	5.64	11.122
13530	15777	68108	50	293	258.8	1.4	0.04	0.000*	---	4.62	5.002
13531	15785	68108	50	470.5	390.1	1.4	0.04	0.000*	---	6.64	19.177
13532	15787	68108	50	465.4	386.4	1.4	0.04	0.000*	---	6.58	18.694
13533	15788	68108	50	36.4	68.9	1.4	0.04	0.000*	---	1.35	0.001
13534	15790	68108	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
13535	15791	68108	50	303	266.3	1.4	0.04	0.000*	---	4.74	5.589
13536	15793	68108	50	387.3	328.6	1.4	0.04	0.000*	---	5.71	11.674
13537	15794	68108	50	197.4	188.1	1.4	0.04	0.000*	---	3.45	1.183
13538	15795	68108	50	103.3	118.4	1.4	0.04	0.000*	---	2.25	0.075
13539	15796	68108	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.078
13540	15799	68108	50	541.8	442.9	1.4	0.04	0.000*	---	7.41	26.149
13541	15800	68108	50	397	335.8	1.4	0.04	0.000*	---	5.82	12.495

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13542	15807	68108	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
13543	15809	68108	50	103.3	118.4	1.4	0.04	0.000*	---	2.25	0.075
13544	15813	68108	50	161.2	161.3	1.4	0.04	0.000*	---	3	0.516
13545	15814	68108	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.164
13546	15817	68108	50	336.6	291.1	1.4	0.04	0.000*	---	5.13	7.775
13547	15819	68108	50	621.7	502	1.4	0.04	0.000*	---	8.24	33.998
13548	15822	68108	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.596
13549	15823	68108	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.896
13550	15826	68108	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
13551	15827	68108	50	223.4	207.3	1.4	0.04	0.000*	---	3.77	1.907
13552	15828	68108	50	400.8	338.6	1.4	0.04	0.000*	---	5.87	12.82
13553	15830	68108	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.699
13554	15831	68108	50	334.9	289.8	1.4	0.04	0.000*	---	5.11	7.655
13555	15833	68108	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.751
13556	15837	68108	50	28.9	63.4	1.4	0.04	0.000*	---	1.25	0
13557	15841	68108	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.307
13558	15844	68108	50	294.1	259.6	1.4	0.04	0.000*	---	4.63	5.067
13559	15845	68108	50	84.1	104.2	1.4	0.04	0.000*	---	1.99	0.03
13560	15847	68108	50	205.1	193.7	1.4	0.04	0.000*	---	3.55	1.373
13561	15850	68108	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.257
13562	15851	68108	50	470.8	390.4	1.4	0.04	0.000*	---	6.64	19.209
13563	15852	68108	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.898
13564	15853	68108	50	340.9	294.3	1.4	0.04	0.000*	---	5.18	8.081
13565	15854	68108	50	229.7	212	1.4	0.04	0.000*	---	3.85	2.12
13566	15855	68108	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
13567	15857	68108	50	466.8	387.4	1.4	0.04	0.000*	---	6.6	18.823
13568	15859	68108	50	315.7	275.6	1.4	0.04	0.000*	---	4.89	6.375
13569	15861	68108	50	337.3	291.6	1.4	0.04	0.000*	---	5.14	7.825
13570	15865	68108	50	321.2	279.7	1.4	0.04	0.000*	---	4.95	6.729
13571	15866	68108	50	260	234.4	1.4	0.04	0.000*	---	4.22	3.322
13572	15869	68108	50	378.4	322	1.4	0.04	0.000*	---	5.61	10.946
13573	15874	68108	50	339.6	293.3	1.4	0.04	0.000*	---	5.16	7.988
13574	15876	68108	50	61.6	87.6	1.4	0.04	0.000*	---	1.7	0.008
13575	15877	68108	50	527.1	432.1	1.4	0.04	0.000*	---	7.25	24.701
13576	15878	68108	50	443	369.9	1.4	0.04	0.000*	---	6.34	16.595
13577	15881	68108	50	257.9	232.8	1.4	0.04	0.000*	---	4.2	3.229
13578	15883	68108	50	281.1	250	1.4	0.04	0.000*	---	4.47	4.353
13579	15885	68108	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
13580	15887	68108	50	440.8	368.2	1.4	0.04	0.000*	---	6.31	16.388
13581	15888	68108	50	593.2	481	1.4	0.04	0.000*	---	7.94	31.226
13582	15892	68108	50	289.5	256.2	1.4	0.04	0.000*	---	4.57	4.806
13583	15893	68108	50	388	329.1	1.4	0.04	0.000*	---	5.72	11.737
13584	15895	68108	50	267.4	239.9	1.4	0.04	0.000*	---	4.31	3.669
13585	15902	68108	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.234
13586	15903	68108	50	96.8	113.6	1.4	0.04	0.000*	---	2.16	0.056
13587	15906	68108	50	297.9	262.4	1.4	0.04	0.000*	---	4.67	5.284
13588	15913	68108	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
13589	15915	68108	50	448.4	373.8	1.4	0.04	0.000*	---	6.4	17.094
13590	15917	68108	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.636
13591	15919	68108	50	42.7	73.6	1.4	0.04	0.000*	---	1.44	0.002
13592	15920	68108	50	50.1	79.1	1.4	0.04	0.000*	---	1.54	0.003
13593	15923	68108	50	277.2	247.2	1.4	0.04	0.000*	---	4.43	4.155
13594	15927	68108	50	275.3	245.7	1.4	0.04	0.000*	---	4.41	4.057
13595	15929	68108	50	747.1	594.8	1.4	0.04	0.000*	---	9.49	45.527
13596	15930	68108	50	209.5	197	1.4	0.04	0.000*	---	3.6	1.492
13597	15931	68108	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
13598	15934	68108	50	455.5	379.1	1.4	0.04	0.000*	---	6.48	17.759
13599	15939	68108	50	377.8	321.6	1.4	0.04	0.000*	---	5.6	10.899
13600	15941	68108	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.536
13601	15942	68108	50	285.9	253.6	1.4	0.04	0.000*	---	4.53	4.61
13602	15946	68108	50	184	178.2	1.4	0.04	0.000*	---	3.28	0.892

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13603	15947	68108	50	847.4	669.1	1.4	0.04	0.000*	---	10.44	53.644
13604	15948	68108	50	103.7	118.7	1.4	0.04	0.000*	---	2.25	0.076
13605	15954	68108	50	294.5	259.9	1.4	0.04	0.000*	---	4.63	5.087
13606	15955	68108	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.866
13607	15961	68108	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
13608	15963	68108	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.057
13609	15965	68108	50	500.6	412.4	1.4	0.04	0.000*	---	6.97	22.092
13610	15966	68108	50	382.5	325.1	1.4	0.04	0.000*	---	5.66	11.285
13611	15971	68108	50	402.4	339.8	1.4	0.04	0.000*	---	5.88	12.953
13612	15972	68108	50	214	200.4	1.4	0.04	0.000*	---	3.66	1.621
13613	15973	68108	50	406.3	342.6	1.4	0.04	0.000*	---	5.93	13.29
13614	15974	68108	50	399.1	337.3	1.4	0.04	0.000*	---	5.85	12.673
13615	15977	68108	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
13616	15980	68108	50	506.4	416.7	1.4	0.04	0.000*	---	7.03	22.658
13617	15982	68108	50	540.3	441.9	1.4	0.04	0.000*	---	7.39	26.006
13618	15983	68108	50	694.1	555.6	1.4	0.04	0.000*	---	8.97	40.82
13619	15984	68108	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
13620	15987	68108	50	476.3	394.5	1.4	0.04	0.000*	---	6.7	19.734
13621	15989	68108	50	731.8	583.5	1.4	0.04	0.000*	---	9.34	44.198
13622	15990	68108	50	335.3	290.1	1.4	0.04	0.000*	---	5.11	7.683
13623	15993	68108	50	172.5	169.6	1.4	0.04	0.000*	---	3.14	0.684
13624	15995	68108	50	53.4	81.5	1.4	0.04	0.000*	---	1.58	0.004
13625	15998	68108	50	393.3	333	1.4	0.04	0.000*	---	5.78	12.179
13626	16001	68108	50	957	750.2	1.4	0.04	0.000*	---	11.44	61.26
13627	16003	68108	50	37.3	69.6	1.4	0.04	0.000*	---	1.37	0.001
13628	16005	68108	50	111.8	124.8	1.4	0.04	0.000*	---	2.36	0.106
13629	16006	68108	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.224
13630	16011	68108	50	653.8	525.8	1.4	0.04	0.000*	---	8.56	37.069
13631	16012	68108	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.75
13632	16013	68108	50	875.8	690.1	1.4	0.04	0.000*	---	10.7	55.747
13633	16021	68108	50	620.9	501.5	1.4	0.04	0.000*	---	8.23	33.919
13634	16024	68108	50	457.5	380.6	1.4	0.04	0.000*	---	6.5	17.947
13635	16025	68108	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
13636	16028	68108	50	219	204	1.4	0.04	0.000*	---	3.72	1.768
13637	16029	68108	50	706.1	564.5	1.4	0.04	0.000*	---	9.08	41.91
13638	16030	68108	50	312.1	272.9	1.4	0.04	0.000*	---	4.84	6.143
13639	16032	68108	50	600.2	486.1	1.4	0.04	0.000*	---	8.02	31.906
13640	16033	68108	50	118	129.3	1.4	0.04	0.000*	---	2.44	0.135
13641	16036	68108	50	453.5	377.6	1.4	0.04	0.000*	---	6.45	17.572
13642	16038	68108	50	445.8	371.9	1.4	0.04	0.000*	---	6.37	16.847
13643	16039	68108	50	416.3	350.1	1.4	0.04	0.000*	---	6.04	14.169
13644	16040	68108	50	435.3	364.1	1.4	0.04	0.000*	---	6.25	15.879
13645	16041	68108	50	478.8	396.3	1.4	0.04	0.000*	---	6.73	19.978
13646	16042	68108	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.561
13647	16043	68108	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.458
13648	16046	68108	50	214.2	200.5	1.4	0.04	0.000*	---	3.66	1.625
13649	16050	68108	50	102.1	117.5	1.4	0.04	0.000*	---	2.23	0.071
13650	16051	68108	50	362.2	310	1.4	0.04	0.000*	---	5.43	9.662
13651	16075	68108	50	38.2	70.3	1.4	0.04	0.000*	---	1.38	0.001
13652	16077	68108	50	437.1	365.4	1.4	0.04	0.000*	---	6.27	16.043
13653	16079	68108	50	400.5	338.3	1.4	0.04	0.000*	---	5.86	12.788
13654	16080	68108	50	455.2	378.9	1.4	0.04	0.000*	---	6.47	17.73
13655	16086	68108	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
13656	16089	68108	50	462.7	384.4	1.4	0.04	0.000*	---	6.55	18.439
13657	16097	68108	50	492.2	406.2	1.4	0.04	0.000*	---	6.88	21.272
13658	16100	68108	50	494.8	408.1	1.4	0.04	0.000*	---	6.9	21.525
13659	16101	68108	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.045
13660	16104	68108	50	479.7	397	1.4	0.04	0.000*	---	6.74	20.066
13661	16105	68108	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227
13662	16106	68108	50	62.2	88	1.4	0.04	0.000*	---	1.7	0.008
13663	16107	68108	50	273	244	1.4	0.04	0.000*	---	4.38	3.938

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13664	16117	68108	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
13665	16120	68108	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.8
13666	16126	68108	50	226	209.2	1.4	0.04	0.000*	---	3.81	1.992
13667	16128	68108	50	524.8	430.3	1.4	0.04	0.000*	---	7.23	24.468
13668	16133	68108	50	391.6	331.8	1.4	0.04	0.000*	---	5.76	12.034
13669	16135	68108	50	260.7	234.9	1.4	0.04	0.000*	---	4.23	3.354
13670	16137	68108	50	324.8	282.4	1.4	0.04	0.000*	---	4.99	6.967
13671	16138	68108	50	357.8	306.8	1.4	0.04	0.000*	---	5.38	9.328
13672	16143	68108	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
13673	16145	68108	50	86.4	105.9	1.4	0.04	0.000*	---	2.03	0.034
13674	16153	68108	50	282.5	251.1	1.4	0.04	0.000*	---	4.49	4.431
13675	16156	68108	50	779.3	618.7	1.4	0.04	0.000*	---	9.8	48.256
13676	16157	68108	50	474.1	392.8	1.4	0.04	0.000*	---	6.68	19.521
13677	16162	68108	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
13678	16163	68108	50	465.4	386.4	1.4	0.04	0.000*	---	6.58	18.694
13679	16164	68108	50	347.9	299.5	1.4	0.04	0.000*	---	5.26	8.59
13680	16165	68108	50	597.3	484	1.4	0.04	0.000*	---	7.99	31.627
13681	16167	68108	50	411.7	346.7	1.4	0.04	0.000*	---	5.99	13.764
13682	16170	68108	50	165.3	164.3	1.4	0.04	0.000*	---	3.05	0.573
13683	16175	68108	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.581
13684	16177	68108	50	340.7	294.1	1.4	0.04	0.000*	---	5.18	8.067
13685	16180	68108	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
13686	16187	68108	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.205
13687	16190	68108	50	443.8	370.4	1.4	0.04	0.000*	---	6.35	16.667
13688	16192	68108	50	513.8	422.2	1.4	0.04	0.000*	---	7.11	23.39
13689	16194	68108	50	369.2	315.2	1.4	0.04	0.000*	---	5.51	10.213
13690	16197	68108	50	364.2	311.5	1.4	0.04	0.000*	---	5.45	9.822
13691	16200	68108	50	378.9	322.4	1.4	0.04	0.000*	---	5.62	10.989
13692	16201	68108	50	330.3	286.4	1.4	0.04	0.000*	---	5.06	7.34
13693	16203	68108	50	815.2	645.3	1.4	0.04	0.000*	---	10.14	51.161
13694	16204	68108	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.201
13695	16205	68108	50	549.5	448.6	1.4	0.04	0.000*	---	7.49	26.913
13696	16207	68108	50	38.1	70.2	1.4	0.04	0.000*	---	1.38	0.001
13697	16208	68108	50	348.2	299.7	1.4	0.04	0.000*	---	5.26	8.613
13698	16214	68108	50	394	333.6	1.4	0.04	0.000*	---	5.79	12.242
13699	16215	68108	50	405.4	342	1.4	0.04	0.000*	---	5.92	13.21
13700	16217	68108	50	422.7	354.8	1.4	0.04	0.000*	---	6.11	14.742
13701	16218	68108	50	696.5	557.4	1.4	0.04	0.000*	---	8.99	41.038
13702	16222	68108	50	1019	796.1	1.4	0.04	0.000*	---	11.99	65.011
13703	16225	68108	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
13704	16226	68108	50	573.4	466.4	1.4	0.04	0.000*	---	7.74	29.278
13705	16239	68108	50	495.8	408.9	1.4	0.04	0.000*	---	6.91	21.624
13706	16245	68108	50	384.2	326.3	1.4	0.04	0.000*	---	5.68	11.425
13707	16251	68108	50	487.6	402.8	1.4	0.04	0.000*	---	6.83	20.829
13708	16252	68108	50	581.4	472.3	1.4	0.04	0.000*	---	7.82	30.064
13709	16253	68108	50	577.1	469.1	1.4	0.04	0.000*	---	7.78	29.642
13710	16254	68108	50	499.2	411.4	1.4	0.04	0.000*	---	6.95	21.957
13711	16256	68108	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.951
13712	16258	68108	50	363.3	310.8	1.4	0.04	0.000*	---	5.44	9.748
13713	16259	68108	50	263.7	237.2	1.4	0.04	0.000*	---	4.27	3.496
13714	16260	68108	50	444.4	370.9	1.4	0.04	0.000*	---	6.35	16.723
13715	16261	68108	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
13716	16262	68108	50	210.5	197.8	1.4	0.04	0.000*	---	3.61	1.52
13717	16266	68108	50	89.1	107.9	1.4	0.04	0.000*	---	2.06	0.039
13718	16267	68108	50	269.1	241.1	1.4	0.04	0.000*	---	4.33	3.749
13719	16273	68108	50	562.3	458.1	1.4	0.04	0.000*	---	7.62	28.18
13720	16277	68108	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.527
13721	16279	68108	50	201.7	191.2	1.4	0.04	0.000*	---	3.51	1.286
13722	16280	68108	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.401
13723	16282	68108	50	195.3	186.5	1.4	0.04	0.000*	---	3.43	1.132
13724	16284	68108	50	519.6	426.5	1.4	0.04	0.000*	---	7.17	23.955

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13725	16285	68108	50	529.6	433.9	1.4	0.04	0.000*	---	7.28	24.945
13726	16288	68108	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.517
13727	16291	68108	50	359.9	308.3	1.4	0.04	0.000*	---	5.4	9.489
13728	16294	68108	50	271.7	243.1	1.4	0.04	0.000*	---	4.36	3.878
13729	16299	68108	50	92.6	110.6	1.4	0.04	0.000*	---	2.11	0.046
13730	16300	68108	50	262	235.9	1.4	0.04	0.000*	---	4.25	3.416
13731	16305	68108	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.203
13732	16307	68108	50	553.1	451.3	1.4	0.04	0.000*	---	7.53	27.269
13733	16310	68108	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
13734	16311	68108	50	227.5	210.4	1.4	0.04	0.000*	---	3.82	2.044
13735	16313	68108	50	467.5	388	1.4	0.04	0.000*	---	6.61	18.894
13736	16316	68108	50	151.9	154.4	1.4	0.04	0.000*	---	2.88	0.401
13737	16319	68108	50	643.7	518.4	1.4	0.04	0.000*	---	8.46	36.115
13738	16320	68108	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.568
13739	16322	68108	50	1022.5	798.7	1.4	0.04	0.000*	---	12.02	65.213
13740	16323	68108	50	519	426	1.4	0.04	0.000*	---	7.16	23.897
13741	16328	68108	50	606.4	490.8	1.4	0.04	0.000*	---	8.08	32.514
13742	16330	68108	50	182.2	176.8	1.4	0.04	0.000*	---	3.26	0.856
13743	16338	68108	50	67.4	91.9	1.4	0.04	0.000*	---	1.77	0.012
13744	16339	68108	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.375
13745	16340	68108	50	403.5	340.6	1.4	0.04	0.000*	---	5.9	13.054
13746	16341	68108	50	359.4	308	1.4	0.04	0.000*	---	5.39	9.45
13747	16344	68108	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
13748	16348	68108	50	87.8	107	1.4	0.04	0.000*	---	2.04	0.037
13749	16349	68108	50	251.8	228.3	1.4	0.04	0.000*	---	4.12	2.964
13750	16353	68108	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.661
13751	16354	68108	50	401.5	339.1	1.4	0.04	0.000*	---	5.87	12.88
13752	16360	68108	50	232.5	214	1.4	0.04	0.000*	---	3.89	2.215
13753	16361	68108	50	262.8	236.5	1.4	0.04	0.000*	---	4.26	3.454
13754	16362	68108	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
13755	16366	68108	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
13756	16367	68108	50	489	403.8	1.4	0.04	0.000*	---	6.84	20.96
13757	16369	68108	50	231.6	213.4	1.4	0.04	0.000*	---	3.88	2.186
13758	16373	68108	50	347.6	299.2	1.4	0.04	0.000*	---	5.26	8.564
13759	16374	68108	50	213.6	200	1.4	0.04	0.000*	---	3.65	1.607
13760	16376	68108	50	375.4	319.8	1.4	0.04	0.000*	---	5.58	10.702
13761	16377	68108	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.606
13762	16379	68108	50	529.6	433.9	1.4	0.04	0.000*	---	7.28	24.945
13763	16383	68108	50	284.4	252.5	1.4	0.04	0.000*	---	4.51	4.53
13764	16386	68108	50	375.3	319.7	1.4	0.04	0.000*	---	5.58	10.699
13765	16388	68108	50	270.7	242.3	1.4	0.04	0.000*	---	4.35	3.826
13766	16401	68108	50	303.3	266.4	1.4	0.04	0.000*	---	4.74	5.603
13767	16402	68108	50	437.7	365.9	1.4	0.04	0.000*	---	6.28	16.1
13768	16403	68108	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.269
13769	16404	68108	50	634.9	511.8	1.4	0.04	0.000*	---	8.37	35.273
13770	16405	68108	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.904
13771	16407	68108	50	660.4	530.7	1.4	0.04	0.000*	---	8.63	37.695
13772	16409	68108	50	140.7	146.1	1.4	0.04	0.000*	---	2.73	0.289
13773	16410	68108	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
13774	16414	68108	50	190.9	183.2	1.4	0.04	0.000*	---	3.37	1.033
13775	16416	68108	50	369.7	315.6	1.4	0.04	0.000*	---	5.51	10.254
13776	16419	68108	50	373.7	318.5	1.4	0.04	0.000*	---	5.56	10.567
13777	16423	68108	50	577.3	469.2	1.4	0.04	0.000*	---	7.78	29.655
13778	16425	68108	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
13779	16431	68108	50	413.8	348.2	1.4	0.04	0.000*	---	6.01	13.948
13780	16433	68108	50	182.2	176.9	1.4	0.04	0.000*	---	3.26	0.857
13781	16435	68108	50	633.6	510.9	1.4	0.04	0.000*	---	8.36	35.148
13782	16441	68108	50	181	175.9	1.4	0.04	0.000*	---	3.25	0.834
13783	16442	68108	50	241.6	220.8	1.4	0.04	0.000*	---	4	2.554
13784	16446	68108	50	493.6	407.3	1.4	0.04	0.000*	---	6.89	21.412
13785	16448	68108	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.412

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13786	16452	68108	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.87
13787	16455	68108	50	213.5	200	1.4	0.04	0.000*	---	3.65	1.605
13788	16457	68108	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.556
13789	16460	68108	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.76
13790	16468	68108	50	245.7	223.8	1.4	0.04	0.000*	---	4.05	2.716
13791	16470	68108	50	372.3	317.5	1.4	0.04	0.000*	---	5.54	10.455
13792	16474	68108	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.861
13793	16476	68108	50	102.9	118.2	1.4	0.04	0.000*	---	2.24	0.074
13794	16482	68108	50	432.2	361.8	1.4	0.04	0.000*	---	6.22	15.598
13795	16483	68108	50	800.5	634.3	1.4	0.04	0.000*	---	10	49.982
13796	16489	68108	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.312
13797	16497	68108	50	47.7	77.3	1.4	0.04	0.000*	---	1.51	0.003
13798	16498	68108	50	260.2	234.5	1.4	0.04	0.000*	---	4.22	3.332
13799	16502	68108	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
13800	16504	68108	50	420.3	353	1.4	0.04	0.000*	---	6.09	14.529
13801	16508	68108	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.869
13802	16510	68108	50	566	460.8	1.4	0.04	0.000*	---	7.66	28.543
13803	16512	68108	50	434.4	363.5	1.4	0.04	0.000*	---	6.24	15.802
13804	16514	68108	50	117.2	128.8	1.4	0.04	0.000*	---	2.43	0.131
13805	16515	68108	50	333.1	288.5	1.4	0.04	0.000*	---	5.09	7.53
13806	16517	68108	50	263.3	236.8	1.4	0.04	0.000*	---	4.26	3.475
13807	16520	68108	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.034
13808	16521	68108	50	307.1	269.2	1.4	0.04	0.000*	---	4.78	5.832
13809	16522	68108	50	560.3	456.6	1.4	0.04	0.000*	---	7.6	27.975
13810	16525	68108	50	712.8	569.5	1.4	0.04	0.000*	---	9.15	42.512
13811	16526	68108	50	491.1	405.4	1.4	0.04	0.000*	---	6.86	21.169
13812	16527	68108	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.463
13813	16529	68108	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.73
13814	16530	68108	50	421.6	354	1.4	0.04	0.000*	---	6.1	14.643
13815	16531	68108	50	427.5	358.4	1.4	0.04	0.000*	---	6.17	15.177
13816	16532	68108	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.184
13817	16536	68108	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.912
13818	16538	68108	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
13819	16539	68108	50	203.7	192.7	1.4	0.04	0.000*	---	3.53	1.337
13820	16542	68108	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
13821	16547	68108	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.065
13822	16548	68108	50	587.7	476.9	1.4	0.04	0.000*	---	7.89	30.679
13823	16549	68108	50	300.8	264.6	1.4	0.04	0.000*	---	4.71	5.453
13824	16551	68108	50	362.2	310	1.4	0.04	0.000*	---	5.43	9.662
13825	16552	68108	50	798	632.5	1.4	0.04	0.000*	---	9.97	49.783
13826	16554	68108	50	405.6	342.1	1.4	0.04	0.000*	---	5.92	13.229
13827	16556	68108	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.94
13828	16558	68108	50	464.2	385.5	1.4	0.04	0.000*	---	6.57	18.582
13829	16560	68108	50	217.4	202.9	1.4	0.04	0.000*	---	3.7	1.719
13830	16561	68108	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.605
13831	16567	68108	50	77.9	99.6	1.4	0.04	0.000*	---	1.91	0.022
13832	16577	68108	50	385.7	327.5	1.4	0.04	0.000*	---	5.7	11.549
13833	16579	68108	50	134	141.1	1.4	0.04	0.000*	---	2.65	0.234
13834	16581	68108	50	700.2	560.2	1.4	0.04	0.000*	---	9.03	41.379
13835	16582	68108	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
13836	16583	68108	50	212.5	199.2	1.4	0.04	0.000*	---	3.64	1.576
13837	16584	68108	50	304.5	267.3	1.4	0.04	0.000*	---	4.75	5.675
13838	16586	68108	50	299.6	263.7	1.4	0.04	0.000*	---	4.69	5.384
13839	16588	68108	50	114.8	127	1.4	0.04	0.000*	---	2.4	0.119
13840	16590	68108	50	330.9	286.9	1.4	0.04	0.000*	---	5.06	7.383
13841	16592	68108	50	143.6	148.3	1.4	0.04	0.000*	---	2.77	0.316
13842	16593	68108	50	183.1	177.4	1.4	0.04	0.000*	---	3.27	0.873
13843	16594	68108	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.195
13844	16595	68108	50	164.6	163.8	1.4	0.04	0.000*	---	3.04	0.563
13845	16596	68108	50	399.5	337.6	1.4	0.04	0.000*	---	5.85	12.705
13846	16599	68108	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13847	16603	68108	50	301.3	265	1.4	0.04	0.000*	---	4.72	5.485
13848	16604	68108	50	437.4	365.7	1.4	0.04	0.000*	---	6.28	16.075
13849	16606	68108	50	281.2	250.1	1.4	0.04	0.000*	---	4.48	4.359
13850	16608	68108	50	193	184.8	1.4	0.04	0.000*	---	3.4	1.081
13851	16610	68108	50	202.2	191.6	1.4	0.04	0.000*	---	3.51	1.299
13852	16612	68108	50	480.6	397.7	1.4	0.04	0.000*	---	6.75	20.155
13853	16616	68108	50	374.6	319.2	1.4	0.04	0.000*	---	5.57	10.644
13854	16617	68108	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.36
13855	16620	68108	50	358.6	307.4	1.4	0.04	0.000*	---	5.38	9.391
13856	16625	68108	50	230.9	212.9	1.4	0.04	0.000*	---	3.87	2.16
13857	16626	68108	50	355.1	304.7	1.4	0.04	0.000*	---	5.34	9.12
13858	16627	68108	50	499.7	411.8	1.4	0.04	0.000*	---	6.96	22.006
13859	16629	68108	50	328	284.8	1.4	0.04	0.000*	---	5.03	7.186
13860	16632	68108	50	238.6	218.5	1.4	0.04	0.000*	---	3.96	2.437
13861	16633	68108	50	285.7	253.4	1.4	0.04	0.000*	---	4.53	4.601
13862	16635	68108	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.059
13863	16636	68108	50	615.5	497.5	1.4	0.04	0.000*	---	8.17	33.397
13864	16637	68108	50	168.3	166.6	1.4	0.04	0.000*	---	3.09	0.618
13865	16640	68108	50	467.1	387.6	1.4	0.04	0.000*	---	6.6	18.855
13866	16644	68108	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.982
13867	16645	68108	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.362
13868	16648	68108	50	568.2	462.5	1.4	0.04	0.000*	---	7.68	28.76
13869	16652	68108	50	620.1	500.9	1.4	0.04	0.000*	---	8.22	33.842
13870	16653	68108	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.276
13871	16655	68108	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.085
13872	16663	68108	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.646
13873	16664	68108	50	600.6	486.5	1.4	0.04	0.000*	---	8.02	31.949
13874	16665	68108	50	373.1	318.1	1.4	0.04	0.000*	---	5.55	10.524
13875	16666	68108	50	470.3	390	1.4	0.04	0.000*	---	6.64	19.162
13876	16667	68108	50	194.9	186.3	1.4	0.04	0.000*	---	3.42	1.124
13877	16670	68108	50	735.8	586.5	1.4	0.04	0.000*	---	9.38	44.553
13878	16672	68108	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.994
13879	16673	68108	50	477.4	395.3	1.4	0.04	0.000*	---	6.72	19.846
13880	16674	68108	50	312.4	273.2	1.4	0.04	0.000*	---	4.85	6.164
13881	16676	68108	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.814
13882	16677	68108	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.432
13883	16682	68108	50	61.3	87.4	1.4	0.04	0.000*	---	1.69	0.008
13884	16683	68108	50	283.2	251.6	1.4	0.04	0.000*	---	4.5	4.465
13885	16685	68108	50	483.4	399.7	1.4	0.04	0.000*	---	6.78	20.416
13886	16686	68108	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.644
13887	16687	68108	50	449.1	374.4	1.4	0.04	0.000*	---	6.41	17.16
13888	16693	68108	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.575
13889	16695	68108	50	287.4	254.6	1.4	0.04	0.000*	---	4.55	4.69
13890	16701	68108	50	213.6	200	1.4	0.04	0.000*	---	3.65	1.607
13891	16702	68108	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.238
13892	16705	68108	50	321	279.6	1.4	0.04	0.000*	---	4.95	6.719
13893	16711	68108	50	616.3	498.1	1.4	0.04	0.000*	---	8.18	33.477
13894	16712	68108	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.584
13895	16718	68108	50	686.7	550.2	1.4	0.04	0.000*	---	8.89	40.143
13896	16720	68108	50	275.7	246	1.4	0.04	0.000*	---	4.41	4.074
13897	16724	68108	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.632
13898	16730	68108	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
13899	16733	68108	50	475.3	393.7	1.4	0.04	0.000*	---	6.69	19.643
13900	16735	68108	50	445.7	371.8	1.4	0.04	0.000*	---	6.37	16.838
13901	16746	68108	50	361	309.1	1.4	0.04	0.000*	---	5.41	9.574
13902	16756	68108	50	128.8	137.3	1.4	0.04	0.000*	---	2.58	0.198
13903	16767	68108	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
13904	16768	68108	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
13905	16769	68108	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.813
13906	16770	68108	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
13907	16771	68108	50	589	477.9	1.4	0.04	0.000*	---	7.9	30.809

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13908	16774	68108	50	491	405.4	1.4	0.04	0.000*	---	6.86	21.158
13909	16776	68108	50	198.6	189	1.4	0.04	0.000*	---	3.47	1.211
13910	16778	68108	50	819.9	648.8	1.4	0.04	0.000*	---	10.18	51.531
13911	16780	68108	50	330.6	286.6	1.4	0.04	0.000*	---	5.06	7.358
13912	16782	68108	50	276.4	246.6	1.4	0.04	0.000*	---	4.42	4.113
13913	16786	68108	50	184	178.1	1.4	0.04	0.000*	---	3.28	0.891
13914	16787	68108	50	341.7	294.9	1.4	0.04	0.000*	---	5.19	8.139
13915	16789	68108	50	253.2	229.4	1.4	0.04	0.000*	---	4.14	3.025
13916	16790	68108	50	428.6	359.1	1.4	0.04	0.000*	---	6.18	15.269
13917	16795	68108	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.841
13918	16796	68108	50	179.8	175	1.4	0.04	0.000*	---	3.23	0.811
13919	16797	68108	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.112
13920	16804	68108	50	104	118.9	1.4	0.04	0.000*	---	2.26	0.077
13921	16805	68108	50	397.6	336.2	1.4	0.04	0.000*	---	5.83	12.546
13922	16809	68108	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.418
13923	16813	68108	50	390.3	330.8	1.4	0.04	0.000*	---	5.75	11.928
13924	16819	68108	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
13925	16822	68108	50	600.1	486.1	1.4	0.04	0.000*	---	8.02	31.898
13926	16823	68108	50	382.5	325	1.4	0.04	0.000*	---	5.66	11.278
13927	16833	68108	50	318.3	277.5	1.4	0.04	0.000*	---	4.92	6.539
13928	16834	68108	50	437.6	365.8	1.4	0.04	0.000*	---	6.28	16.094
13929	16837	68108	50	350.9	301.7	1.4	0.04	0.000*	---	5.3	8.813
13930	16845	68108	50	235.7	216.4	1.4	0.04	0.000*	---	3.93	2.331
13931	16846	68108	50	591.4	479.6	1.4	0.04	0.000*	---	7.93	31.042
13932	16847	68108	50	372.4	317.5	1.4	0.04	0.000*	---	5.54	10.461
13933	16848	68108	50	140.8	146.2	1.4	0.04	0.000*	---	2.74	0.291
13934	16850	68108	50	333.8	289	1.4	0.04	0.000*	---	5.1	7.581
13935	16852	68108	50	262.7	236.4	1.4	0.04	0.000*	---	4.25	3.448
13936	16853	68108	50	378	321.7	1.4	0.04	0.000*	---	5.61	10.916
13937	16854	68108	50	726.4	579.5	1.4	0.04	0.000*	---	9.28	43.72
13938	16855	68108	50	329.4	285.7	1.4	0.04	0.000*	---	5.05	7.274
13939	16856	68108	50	223	207	1.4	0.04	0.000*	---	3.77	1.894
13940	16857	68108	50	790.4	626.9	1.4	0.04	0.000*	---	9.9	49.165
13941	16863	68108	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
13942	16864	68108	50	452.4	376.8	1.4	0.04	0.000*	---	6.44	17.466
13943	16868	68108	50	314.6	274.8	1.4	0.04	0.000*	---	4.87	6.305
13944	16870	68108	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
13945	16872	68108	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.879
13946	16873	68108	50	317.7	277.1	1.4	0.04	0.000*	---	4.91	6.502
13947	16878	68108	50	182.3	176.9	1.4	0.04	0.000*	---	3.26	0.859
13948	16879	68108	50	128.4	137	1.4	0.04	0.000*	---	2.57	0.194
13949	16883	68108	50	256.6	231.9	1.4	0.04	0.000*	---	4.18	3.175
13950	16886	68108	50	386.5	328	1.4	0.04	0.000*	---	5.7	11.607
13951	16894	68108	50	564.6	459.8	1.4	0.04	0.000*	---	7.65	28.403
13952	16897	68108	50	527.8	432.5	1.4	0.04	0.000*	---	7.26	24.761
13953	16898	68108	50	280.3	249.4	1.4	0.04	0.000*	---	4.47	4.314
13954	16899	68108	50	539.3	441.1	1.4	0.04	0.000*	---	7.38	25.904
13955	16902	68108	50	233.9	215.1	1.4	0.04	0.000*	---	3.9	2.266
13956	16905	68108	50	876.3	690.4	1.4	0.04	0.000*	---	10.71	55.777
13957	16908	68108	50	219.9	204.7	1.4	0.04	0.000*	---	3.73	1.796
13958	16909	68108	50	477.1	395	1.4	0.04	0.000*	---	6.71	19.812
13959	16910	68108	50	404.8	341.5	1.4	0.04	0.000*	---	5.91	13.161
13960	16912	68108	50	378.2	321.9	1.4	0.04	0.000*	---	5.61	10.932
13961	16914	68108	50	474.1	392.9	1.4	0.04	0.000*	---	6.68	19.527
13962	16915	68108	50	285	252.9	1.4	0.04	0.000*	---	4.52	4.562
13963	16927	68108	50	304.8	267.5	1.4	0.04	0.000*	---	4.76	5.693
13964	16935	68108	50	318.3	277.5	1.4	0.04	0.000*	---	4.92	6.537
13965	16948	68108	50	524.1	429.8	1.4	0.04	0.000*	---	7.22	24.401
13966	16951	68108	50	288	255.1	1.4	0.04	0.000*	---	4.56	4.727
13967	16952	68108	50	592.6	480.5	1.4	0.04	0.000*	---	7.94	31.165
13968	16955	68108	50	274	244.8	1.4	0.04	0.000*	---	4.39	3.991

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
13969	16964	68108	50	280.1	249.3	1.4	0.04	0.000*	---	4.46	4.302
13970	16966	68108	50	589.6	478.3	1.4	0.04	0.000*	---	7.91	30.871
13971	16968	68108	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
13972	16969	68108	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
13973	16972	68108	50	381.7	324.4	1.4	0.04	0.000*	---	5.65	11.213
13974	16973	68108	50	443.8	370.4	1.4	0.04	0.000*	---	6.35	16.667
13975	16979	68108	50	324.3	282	1.4	0.04	0.000*	---	4.99	6.932
13976	16981	68108	50	305.2	267.9	1.4	0.04	0.000*	---	4.76	5.719
13977	16987	68108	50	265.3	238.3	1.4	0.04	0.000*	---	4.29	3.569
13978	16988	68108	50	510.2	419.5	1.4	0.04	0.000*	---	7.07	23.029
13979	16989	68108	50	447.2	373	1.4	0.04	0.000*	---	6.38	16.983
13980	16991	68108	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.096
13981	16993	68108	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.101
13982	16999	68108	50	104.2	119.1	1.4	0.04	0.000*	---	2.26	0.078
13983	17003	68108	50	104	119	1.4	0.04	0.000*	---	2.26	0.077
13984	17004	68108	50	664.9	534	1.4	0.04	0.000*	---	8.67	38.115
13985	17005	68108	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.622
13986	17008	68108	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
13987	17009	68108	50	121.4	131.8	1.4	0.04	0.000*	---	2.48	0.152
13988	17013	68108	50	333.6	288.9	1.4	0.04	0.000*	---	5.09	7.566
13989	17017	68108	50	349.7	300.8	1.4	0.04	0.000*	---	5.28	8.718
13990	17018	68108	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
13991	17022	68108	50	430.2	360.3	1.4	0.04	0.000*	---	6.19	15.413
13992	17024	68108	50	120.7	131.3	1.4	0.04	0.000*	---	2.47	0.148
13993	17026	68108	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
13994	17027	68108	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
13995	17028	68108	50	395.6	334.8	1.4	0.04	0.000*	---	5.81	12.377
13996	17029	68108	50	401.9	339.4	1.4	0.04	0.000*	---	5.88	12.912
13997	17031	68108	50	503	414.2	1.4	0.04	0.000*	---	6.99	22.33
13998	17033	68108	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
13999	17035	68108	50	587.9	477	1.4	0.04	0.000*	---	7.89	30.699
14000	17036	68108	50	1681.7	1286.5	1.4	0.04	0.000*	---	17.17	87.502
14001	17037	68108	50	100.8	116.6	1.4	0.04	0.000*	---	2.22	0.067
14002	17038	68108	50	287.6	254.8	1.4	0.04	0.000*	---	4.55	4.701
14003	17045	68108	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.844
14004	17046	68108	50	390.9	331.3	1.4	0.04	0.000*	---	5.75	11.977
14005	17047	68108	50	450.3	375.2	1.4	0.04	0.000*	---	6.42	17.272
14006	17048	68108	50	304.6	267.4	1.4	0.04	0.000*	---	4.75	5.684
14007	17049	68108	50	157.6	158.7	1.4	0.04	0.000*	---	2.95	0.47
14008	17050	68108	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.263
14009	17054	68108	50	276.1	246.4	1.4	0.04	0.000*	---	4.42	4.099
14010	17056	68108	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
14011	17060	68108	50	113	125.6	1.4	0.04	0.000*	---	2.38	0.111
14012	17062	68108	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
14013	17066	68108	50	288.1	255.2	1.4	0.04	0.000*	---	4.56	4.729
14014	17068	68108	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
14015	17070	68108	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.879
14016	17073	68108	50	228.7	211.3	1.4	0.04	0.000*	---	3.84	2.085
14017	17075	68108	50	200	190	1.4	0.04	0.000*	---	3.48	1.245
14018	17078	68108	50	531.5	435.3	1.4	0.04	0.000*	---	7.3	25.134
14019	17079	68108	50	371.3	316.7	1.4	0.04	0.000*	---	5.53	10.375
14020	17080	68108	50	106.7	120.9	1.4	0.04	0.000*	---	2.29	0.086
14021	17083	68108	50	516.5	424.2	1.4	0.04	0.000*	---	7.14	23.656
14022	17087	68108	50	64	89.4	1.4	0.04	0.000*	---	1.73	0.009
14023	17092	68108	50	555.3	452.9	1.4	0.04	0.000*	---	7.55	27.482
14024	17093	68108	50	458.4	381.2	1.4	0.04	0.000*	---	6.51	18.033
14025	17094	68108	50	567.5	462	1.4	0.04	0.000*	---	7.68	28.69
14026	17098	68108	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.314
14027	17101	68108	50	329.5	285.8	1.4	0.04	0.000*	---	5.05	7.283
14028	17103	68108	50	1019.1	796.1	1.4	0.04	0.000*	---	11.99	65.017
14029	17104	68108	50	359.8	308.3	1.4	0.04	0.000*	---	5.4	9.482

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14030	17106	68108	50	476.1	394.3	1.4	0.04	0.000*	---	6.7	19.718
14031	17111	68108	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.387
14032	17112	68108	50	426.3	357.5	1.4	0.04	0.000*	---	6.15	15.066
14033	17120	68108	50	474.3	393	1.4	0.04	0.000*	---	6.68	19.543
14034	17121	68108	50	571.1	464.6	1.4	0.04	0.000*	---	7.71	29.045
14035	17125	68108	50	323.7	281.5	1.4	0.04	0.000*	---	4.98	6.894
14036	17126	68108	50	360.4	308.7	1.4	0.04	0.000*	---	5.41	9.529
14037	17131	68108	50	409.9	345.4	1.4	0.04	0.000*	---	5.97	13.609
14038	17137	68108	50	425.6	357	1.4	0.04	0.000*	---	6.14	15.003
14039	17139	68108	50	399.3	337.5	1.4	0.04	0.000*	---	5.85	12.691
14040	17141	68108	50	287.5	254.7	1.4	0.04	0.000*	---	4.55	4.697
14041	17146	68108	50	364.3	311.6	1.4	0.04	0.000*	---	5.45	9.83
14042	17147	68108	50	183	177.4	1.4	0.04	0.000*	---	3.27	0.872
14043	17148	68108	50	490.4	404.9	1.4	0.04	0.000*	---	6.86	21.095
14044	17152	68108	50	267.9	240.2	1.4	0.04	0.000*	---	4.32	3.69
14045	17156	68108	50	88.8	107.8	1.4	0.04	0.000*	---	2.06	0.038
14046	17157	68108	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
14047	17159	68108	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.792
14048	17164	68108	50	484.1	400.2	1.4	0.04	0.000*	---	6.79	20.485
14049	17170	68108	50	442.8	369.6	1.4	0.04	0.000*	---	6.33	16.567
14050	17173	68108	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
14051	17180	68108	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.966
14052	17188	68108	50	271.4	242.8	1.4	0.04	0.000*	---	4.36	3.861
14053	17194	68108	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.235
14054	17197	68108	50	413.9	348.3	1.4	0.04	0.000*	---	6.01	13.954
14055	17200	68108	50	352	302.5	1.4	0.04	0.000*	---	5.31	8.893
14056	17204	68108	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
14057	17205	68108	50	305.4	268	1.4	0.04	0.000*	---	4.76	5.728
14058	17206	68108	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.33
14059	17210	68108	50	338.7	292.6	1.4	0.04	0.000*	---	5.15	7.924
14060	17212	68108	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.45
14061	17218	68108	50	109	122.6	1.4	0.04	0.000*	---	2.32	0.095
14062	17225	68108	50	810.7	641.9	1.4	0.04	0.000*	---	10.09	50.802
14063	17230	68108	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.733
14064	17232	68108	50	122	132.3	1.4	0.04	0.000*	---	2.49	0.156
14065	17233	68108	50	283	251.4	1.4	0.04	0.000*	---	4.5	4.458
14066	17239	68108	50	657.2	528.3	1.4	0.04	0.000*	---	8.6	37.396
14067	17242	68108	50	2252.4	1708.8	1.4	0.04	0.000*	---	20.9	94.161
14068	17245	68108	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.192
14069	17246	68108	50	236	216.6	1.4	0.04	0.000*	---	3.93	2.342
14070	17247	68108	50	393.5	333.2	1.4	0.04	0.000*	---	5.78	12.201
14071	17251	68108	50	334.9	289.8	1.4	0.04	0.000*	---	5.11	7.655
14072	17252	68108	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.99
14073	17253	68108	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.071
14074	17260	68108	50	391.2	331.5	1.4	0.04	0.000*	---	5.76	12.002
14075	17263	68108	50	346.3	298.2	1.4	0.04	0.000*	---	5.24	8.468
14076	17264	68108	50	153.3	155.4	1.4	0.04	0.000*	---	2.89	0.418
14077	17265	68108	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
14078	17268	68108	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.984
14079	17273	68108	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.972
14080	17280	68108	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.875
14081	17282	68108	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.406
14082	17289	68108	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.921
14083	17291	68108	50	478.5	396.1	1.4	0.04	0.000*	---	6.73	19.946
14084	17297	68108	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
14085	17299	68108	50	702	561.5	1.4	0.04	0.000*	---	9.04	41.536
14086	17301	68108	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
14087	17304	68108	50	351.8	302.3	1.4	0.04	0.000*	---	5.31	8.878
14088	17308	68108	50	85.2	105.1	1.4	0.04	0.000*	---	2.01	0.032
14089	17311	68108	50	364.1	311.4	1.4	0.04	0.000*	---	5.45	9.809
14090	17316	68108	50	309.4	271	1.4	0.04	0.000*	---	4.81	5.976

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14091	17320	68108	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.682
14092	17321	68108	50	387.5	328.7	1.4	0.04	0.000*	---	5.71	11.693
14093	17323	68108	50	155.6	157.1	1.4	0.04	0.000*	---	2.92	0.445
14094	17324	68108	50	376.8	320.8	1.4	0.04	0.000*	---	5.59	10.818
14095	17333	68108	50	146.5	150.4	1.4	0.04	0.000*	---	2.81	0.345
14096	17335	68108	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.942
14097	17338	68108	50	571.3	464.8	1.4	0.04	0.000*	---	7.72	29.071
14098	17339	68108	50	385.6	327.4	1.4	0.04	0.000*	---	5.69	11.541
14099	17343	68108	50	318.5	277.7	1.4	0.04	0.000*	---	4.92	6.554
14100	17347	68108	50	258.1	233	1.4	0.04	0.000*	---	4.2	3.238
14101	17349	68108	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
14102	17353	68108	50	402.5	339.8	1.4	0.04	0.000*	---	5.88	12.963
14103	17356	68108	50	127.4	136.3	1.4	0.04	0.000*	---	2.56	0.188
14104	17360	68108	50	300.6	264.5	1.4	0.04	0.000*	---	4.71	5.445
14105	17361	68108	50	382.7	325.2	1.4	0.04	0.000*	---	5.66	11.296
14106	17365	68108	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.448
14107	17369	68108	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.842
14108	17372	68108	50	82.1	102.8	1.4	0.04	0.000*	---	1.97	0.027
14109	17373	68108	50	465.1	386.1	1.4	0.04	0.000*	---	6.58	18.662
14110	17377	68108	50	398.6	336.9	1.4	0.04	0.000*	---	5.84	12.626
14111	17378	68108	50	198.5	188.9	1.4	0.04	0.000*	---	3.47	1.208
14112	17381	68108	50	90.1	108.6	1.4	0.04	0.000*	---	2.07	0.041
14113	17383	68108	50	295.8	260.9	1.4	0.04	0.000*	---	4.65	5.162
14114	17385	68108	50	668	536.3	1.4	0.04	0.000*	---	8.71	38.409
14115	17388	68108	50	467.3	387.8	1.4	0.04	0.000*	---	6.6	18.873
14116	17389	68108	50	320.2	278.9	1.4	0.04	0.000*	---	4.94	6.663
14117	17395	68108	50	837.7	661.9	1.4	0.04	0.000*	---	10.35	52.908
14118	17397	68108	50	419	352.1	1.4	0.04	0.000*	---	6.07	14.414
14119	17400	68108	50	485.7	401.4	1.4	0.04	0.000*	---	6.81	20.644
14120	17401	68108	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.178
14121	17402	68108	50	211.2	198.3	1.4	0.04	0.000*	---	3.62	1.539
14122	17403	68108	50	441.6	368.8	1.4	0.04	0.000*	---	6.32	16.461
14123	17405	68108	50	188.5	181.5	1.4	0.04	0.000*	---	3.34	0.982
14124	17408	68108	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
14125	17410	68108	50	372.7	317.8	1.4	0.04	0.000*	---	5.55	10.486
14126	17411	68108	50	234.2	215.3	1.4	0.04	0.000*	---	3.91	2.278
14127	17412	68108	50	319.8	278.7	1.4	0.04	0.000*	---	4.93	6.638
14128	17414	68108	50	331.7	287.4	1.4	0.04	0.000*	---	5.07	7.433
14129	17416	68108	50	374.5	319.1	1.4	0.04	0.000*	---	5.57	10.63
14130	17417	68108	50	452.7	377	1.4	0.04	0.000*	---	6.44	17.495
14131	17418	68108	50	368.5	314.7	1.4	0.04	0.000*	---	5.5	10.156
14132	17420	68108	50	417.1	350.6	1.4	0.04	0.000*	---	6.05	14.238
14133	17422	68108	50	489.5	404.2	1.4	0.04	0.000*	---	6.85	21.011
14134	17424	68108	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.925
14135	17431	68108	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
14136	17435	68108	50	326.3	283.5	1.4	0.04	0.000*	---	5.01	7.069
14137	17439	68108	50	372.7	317.8	1.4	0.04	0.000*	---	5.55	10.486
14138	17440	68108	50	147.5	151.1	1.4	0.04	0.000*	---	2.82	0.354
14139	17444	68108	50	894.5	704	1.4	0.04	0.000*	---	10.87	57.08
14140	17446	68108	50	377.6	321.4	1.4	0.04	0.000*	---	5.6	10.883
14141	17447	68108	50	186.3	179.9	1.4	0.04	0.000*	---	3.31	0.938
14142	17450	68108	50	551.9	450.4	1.4	0.04	0.000*	---	7.51	27.144
14143	17451	68108	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.479
14144	17455	68108	50	610.4	493.7	1.4	0.04	0.000*	---	8.12	32.906
14145	17460	68108	50	530.2	434.3	1.4	0.04	0.000*	---	7.28	24.998
14146	17461	68108	50	582.5	473	1.4	0.04	0.000*	---	7.83	30.169
14147	17465	68108	50	266.2	239	1.4	0.04	0.000*	---	4.3	3.61
14148	17467	68108	50	156.4	157.8	1.4	0.04	0.000*	---	2.94	0.455
14149	17470	68108	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.196
14150	17474	68108	50	595.4	482.6	1.4	0.04	0.000*	---	7.97	31.439
14151	17478	68108	50	341.2	294.5	1.4	0.04	0.000*	---	5.18	8.101

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14152	17479	68108	50	352.8	303.1	1.4	0.04	0.000*	---	5.32	8.952
14153	17481	68108	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
14154	17483	68108	50	540	441.6	1.4	0.04	0.000*	---	7.39	25.971
14155	17488	68108	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.481
14156	17490	68108	50	801.4	635	1.4	0.04	0.000*	---	10.01	50.056
14157	17492	68108	50	183.3	177.7	1.4	0.04	0.000*	---	3.28	0.878
14158	17494	68108	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
14159	17496	68108	50	646.2	520.2	1.4	0.04	0.000*	---	8.49	36.345
14160	17498	68108	50	373.3	318.3	1.4	0.04	0.000*	---	5.55	10.54
14161	17507	68108	50	301.5	265.1	1.4	0.04	0.000*	---	4.72	5.496
14162	17508	68108	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
14163	17509	68108	50	217.9	203.2	1.4	0.04	0.000*	---	3.71	1.735
14164	17510	68108	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
14165	17512	68108	50	361.5	309.5	1.4	0.04	0.000*	---	5.42	9.615
14166	17514	68108	50	506.5	416.8	1.4	0.04	0.000*	---	7.03	22.669
14167	17515	68108	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
14168	17517	68108	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
14169	17524	68108	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
14170	17527	68108	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.504
14171	17528	68108	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
14172	17529	68108	50	391.6	331.8	1.4	0.04	0.000*	---	5.76	12.038
14173	17531	68108	50	387.9	329.1	1.4	0.04	0.000*	---	5.72	11.729
14174	17536	68108	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
14175	17538	68108	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.151
14176	17539	68108	50	894.8	704.1	1.4	0.04	0.000*	---	10.88	57.097
14177	17545	68108	50	242.6	221.6	1.4	0.04	0.000*	---	4.01	2.594
14178	17547	68108	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.016
14179	17548	68108	50	353.1	303.3	1.4	0.04	0.000*	---	5.32	8.972
14180	17549	68108	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
14181	17550	68108	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.059
14182	17553	68108	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.167
14183	17554	68108	50	573	466	1.4	0.04	0.000*	---	7.73	29.231
14184	17555	68108	50	266.7	239.3	1.4	0.04	0.000*	---	4.3	3.633
14185	17556	68108	50	248.4	225.8	1.4	0.04	0.000*	---	4.08	2.824
14186	17558	68108	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.128
14187	17563	68108	50	173.9	170.7	1.4	0.04	0.000*	---	3.16	0.708
14188	17564	68108	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
14189	17565	68108	50	170.3	168.1	1.4	0.04	0.000*	---	3.11	0.65
14190	17567	68108	50	415.8	349.7	1.4	0.04	0.000*	---	6.03	14.123
14191	17577	68108	50	394.9	334.2	1.4	0.04	0.000*	---	5.8	12.312
14192	17579	68108	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.973
14193	17580	68108	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.017
14194	17581	68108	50	377.9	321.6	1.4	0.04	0.000*	---	5.61	10.903
14195	17582	68108	50	549.5	448.6	1.4	0.04	0.000*	---	7.49	26.913
14196	17585	68108	50	584.5	474.5	1.4	0.04	0.000*	---	7.85	30.365
14197	17586	68108	50	552.1	450.6	1.4	0.04	0.000*	---	7.52	27.172
14198	17593	68108	50	651.1	523.8	1.4	0.04	0.000*	---	8.54	36.815
14199	17595	68108	50	687.2	550.5	1.4	0.04	0.000*	---	8.9	40.186
14200	17596	68108	50	75.8	98.1	1.4	0.04	0.000*	---	1.88	0.019
14201	17599	68108	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.294
14202	17603	68108	50	347.1	298.9	1.4	0.04	0.000*	---	5.25	8.531
14203	17607	68108	50	279.2	248.6	1.4	0.04	0.000*	---	4.45	4.257
14204	17617	68108	50	331.5	287.3	1.4	0.04	0.000*	---	5.07	7.419
14205	17620	68108	50	380.3	323.4	1.4	0.04	0.000*	---	5.63	11.104
14206	17622	68108	50	230.6	212.6	1.4	0.04	0.000*	---	3.86	2.148
14207	17623	68108	50	459.4	381.9	1.4	0.04	0.000*	---	6.52	18.123
14208	17626	68108	50	327.7	284.5	1.4	0.04	0.000*	---	5.03	7.16
14209	17630	68108	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.891
14210	17631	68108	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
14211	17635	68108	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.383
14212	17637	68108	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.597

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GSD = 1.6
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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14213	17639	68108	50	116.4	128.1	1.4	0.04	0.000*	---	2.42	0.127
14214	17641	68108	50	676.9	542.9	1.4	0.04	0.000*	---	8.79	39.235
14215	17643	68108	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.655
14216	17646	68108	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.935
14217	17650	68108	50	151.8	154.4	1.4	0.04	0.000*	---	2.88	0.401
14218	17652	68108	50	271.6	243	1.4	0.04	0.000*	---	4.36	3.871
14219	17657	68108	50	192.5	184.5	1.4	0.04	0.000*	---	3.39	1.07
14220	17658	68108	50	539.4	441.1	1.4	0.04	0.000*	---	7.38	25.91
14221	17659	68108	50	369.7	315.6	1.4	0.04	0.000*	---	5.51	10.254
14222	17663	68108	50	217.9	203.2	1.4	0.04	0.000*	---	3.71	1.735
14223	17664	68108	50	449.4	374.5	1.4	0.04	0.000*	---	6.41	17.182
14224	17665	68108	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.502
14225	17666	68108	50	566.2	461	1.4	0.04	0.000*	---	7.66	28.563
14226	17670	68108	50	487	402.4	1.4	0.04	0.000*	---	6.82	20.767
14227	17671	68108	50	475.6	393.9	1.4	0.04	0.000*	---	6.7	19.667
14228	17674	68108	50	514.9	423	1.4	0.04	0.000*	---	7.12	23.493
14229	17679	68108	50	589.5	478.2	1.4	0.04	0.000*	---	7.91	30.855
14230	17689	68108	50	507.2	417.3	1.4	0.04	0.000*	---	7.04	22.74
14231	17693	68108	50	470.8	390.4	1.4	0.04	0.000*	---	6.64	19.209
14232	17698	68108	50	428.5	359.1	1.4	0.04	0.000*	---	6.18	15.259
14233	17699	68108	50	218.3	203.6	1.4	0.04	0.000*	---	3.71	1.748
14234	17700	68108	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.829
14235	17701	68108	50	208.9	196.6	1.4	0.04	0.000*	---	3.6	1.476
14236	17703	68108	50	510.6	419.8	1.4	0.04	0.000*	---	7.07	23.07
14237	17705	68108	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
14238	17707	68108	50	346.1	298.1	1.4	0.04	0.000*	---	5.24	8.46
14239	17708	68108	50	621.9	502.2	1.4	0.04	0.000*	---	8.24	34.018
14240	17710	68108	50	376.4	320.5	1.4	0.04	0.000*	---	5.59	10.784
14241	17711	68108	50	474	392.8	1.4	0.04	0.000*	---	6.68	19.514
14242	17714	68108	50	304.4	267.3	1.4	0.04	0.000*	---	4.75	5.672
14243	17715	68108	50	145.9	149.9	1.4	0.04	0.000*	---	2.8	0.338
14244	17716	68108	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.348
14245	17721	68108	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.793
14246	17726	68108	50	207.2	195.3	1.4	0.04	0.000*	---	3.57	1.429
14247	17730	68108	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.45
14248	17732	68108	50	57.2	84.4	1.4	0.04	0.000*	---	1.64	0.006
14249	17740	68108	50	342.8	295.6	1.4	0.04	0.000*	---	5.2	8.214
14250	17742	68108	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.782
14251	17744	68108	50	232.4	213.9	1.4	0.04	0.000*	---	3.88	2.211
14252	17751	68108	50	515.5	423.5	1.4	0.04	0.000*	---	7.13	23.553
14253	17754	68108	50	451	375.8	1.4	0.04	0.000*	---	6.43	17.337
14254	17755	68108	50	318.5	277.7	1.4	0.04	0.000*	---	4.92	6.552
14255	17759	68108	50	146.6	150.5	1.4	0.04	0.000*	---	2.81	0.346
14256	17760	68108	50	543.9	444.5	1.4	0.04	0.000*	---	7.43	26.354
14257	17761	68108	50	373.5	318.4	1.4	0.04	0.000*	---	5.56	10.554
14258	17766	68108	50	284.9	252.8	1.4	0.04	0.000*	---	4.52	4.558
14259	17771	68108	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.285
14260	17772	68108	50	464.8	386	1.4	0.04	0.000*	---	6.58	18.637
14261	17774	68108	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.423
14262	17775	68108	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
14263	17776	68108	50	69	93.1	1.4	0.04	0.000*	---	1.79	0.013
14264	17778	68108	50	257	232.1	1.4	0.04	0.000*	---	4.18	3.188
14265	17782	68108	50	537.4	439.7	1.4	0.04	0.000*	---	7.36	25.716
14266	17784	68108	50	394.3	333.8	1.4	0.04	0.000*	---	5.79	12.267
14267	17787	68108	50	350.5	301.4	1.4	0.04	0.000*	---	5.29	8.781
14268	17792	68108	50	335.4	290.2	1.4	0.04	0.000*	---	5.12	7.691
14269	17793	68108	50	1191	923.3	1.4	0.04	0.000*	---	13.44	73.553
14270	17797	68108	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.608
14271	17799	68108	50	226.3	209.4	1.4	0.04	0.000*	---	3.81	2.002
14272	17801	68108	50	314.7	274.9	1.4	0.04	0.000*	---	4.87	6.311
14273	17804	68108	50	111	124.1	1.4	0.04	0.000*	---	2.35	0.103

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14274	17810	68108	50	417	350.6	1.4	0.04	0.000*	---	6.05	14.233
14275	17811	68108	50	418.2	351.5	1.4	0.04	0.000*	---	6.06	14.337
14276	17813	68108	50	360.7	308.9	1.4	0.04	0.000*	---	5.41	9.55
14277	17815	68108	50	340.2	293.7	1.4	0.04	0.000*	---	5.17	8.029
14278	17818	68108	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.502
14279	17819	68108	50	331.2	287.1	1.4	0.04	0.000*	---	5.07	7.403
14280	17823	68108	50	809	640.6	1.4	0.04	0.000*	---	10.08	50.665
14281	17828	68108	50	574	466.8	1.4	0.04	0.000*	---	7.75	29.338
14282	17829	68108	50	143.6	148.2	1.4	0.04	0.000*	---	2.77	0.316
14283	17830	68108	50	833.6	658.9	1.4	0.04	0.000*	---	10.31	52.595
14284	17832	68108	50	323.2	281.2	1.4	0.04	0.000*	---	4.97	6.861
14285	17834	68108	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.277
14286	17835	68108	50	467.1	387.6	1.4	0.04	0.000*	---	6.6	18.853
14287	17836	68108	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.87
14288	17840	68108	50	550	449	1.4	0.04	0.000*	---	7.49	26.966
14289	17843	68108	50	434.2	363.3	1.4	0.04	0.000*	---	6.24	15.777
14290	17849	68108	50	254.4	230.2	1.4	0.04	0.000*	---	4.15	3.076
14291	17851	68108	50	358.5	307.3	1.4	0.04	0.000*	---	5.38	9.378
14292	17852	68108	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.823
14293	17857	68108	50	298.8	263.1	1.4	0.04	0.000*	---	4.69	5.335
14294	17858	68108	50	179	174.4	1.4	0.04	0.000*	---	3.22	0.797
14295	17859	68108	50	238.2	218.3	1.4	0.04	0.000*	---	3.96	2.425
14296	17861	68108	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.352
14297	17862	68108	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
14298	17864	68108	50	258.1	233	1.4	0.04	0.000*	---	4.2	3.241
14299	17865	68108	50	255.4	231	1.4	0.04	0.000*	---	4.17	3.12
14300	17868	68108	50	360.8	309	1.4	0.04	0.000*	---	5.41	9.556
14301	17872	68108	50	266.3	239.1	1.4	0.04	0.000*	---	4.3	3.617
14302	17874	68108	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.006
14303	17879	68108	50	333.8	289	1.4	0.04	0.000*	---	5.1	7.581
14304	17881	68108	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.611
14305	17882	68108	50	443.6	370.3	1.4	0.04	0.000*	---	6.34	16.651
14306	17884	68108	50	400.1	338.1	1.4	0.04	0.000*	---	5.86	12.759
14307	17886	68108	50	248.9	226.2	1.4	0.04	0.000*	---	4.09	2.846
14308	17891	68108	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.026
14309	17895	68108	50	449	374.2	1.4	0.04	0.000*	---	6.4	17.146
14310	17896	68108	50	404.7	341.5	1.4	0.04	0.000*	---	5.91	13.156
14311	17904	68108	50	381.1	324	1.4	0.04	0.000*	---	5.64	11.168
14312	17908	68108	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.063
14313	17911	68108	50	426	357.2	1.4	0.04	0.000*	---	6.15	15.033
14314	17912	68108	50	82.9	103.3	1.4	0.04	0.000*	---	1.98	0.028
14315	17914	68108	50	476.3	394.5	1.4	0.04	0.000*	---	6.7	19.735
14316	17915	68108	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.13
14317	17916	68108	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.495
14318	17919	68108	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.595
14319	17922	68108	50	394.6	334	1.4	0.04	0.000*	---	5.8	12.287
14320	17924	68108	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.888
14321	17925	68108	50	502.5	413.8	1.4	0.04	0.000*	---	6.99	22.275
14322	17931	68108	50	432.8	362.3	1.4	0.04	0.000*	---	6.22	15.657
14323	17936	68108	50	401.6	339.2	1.4	0.04	0.000*	---	5.87	12.884
14324	17940	68108	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.422
14325	17941	68108	50	360.4	308.7	1.4	0.04	0.000*	---	5.4	9.524
14326	17945	68108	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
14327	17947	68108	50	408.7	344.4	1.4	0.04	0.000*	---	5.95	13.5
14328	17949	68108	50	279.4	248.8	1.4	0.04	0.000*	---	4.45	4.268
14329	17953	68108	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.634
14330	17956	68108	50	161.5	161.5	1.4	0.04	0.000*	---	3	0.52
14331	17958	68108	50	445.2	371.4	1.4	0.04	0.000*	---	6.36	16.791
14332	17963	68108	50	718.7	573.9	1.4	0.04	0.000*	---	9.21	43.044
14333	17965	68108	50	291.2	257.5	1.4	0.04	0.000*	---	4.6	4.904
14334	17968	68108	50	502.5	413.9	1.4	0.04	0.000*	---	6.99	22.281

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14335	17971	68108	50	304	267	1.4	0.04	0.000*	---	4.75	5.647
14336	17972	68108	50	218.3	203.5	1.4	0.04	0.000*	---	3.71	1.746
14337	17980	68108	50	700.4	560.3	1.4	0.04	0.000*	---	9.03	41.396
14338	17981	68108	50	331.8	287.6	1.4	0.04	0.000*	---	5.07	7.445
14339	17985	68108	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.182
14340	17987	68108	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.016
14341	17989	68108	50	204.8	193.6	1.4	0.04	0.000*	---	3.54	1.366
14342	18010	68108	50	479.5	396.8	1.4	0.04	0.000*	---	6.74	20.043
14343	18016	68108	50	409.9	345.3	1.4	0.04	0.000*	---	5.97	13.604
14344	18022	68108	50	343	295.9	1.4	0.04	0.000*	---	5.2	8.235
14345	18032	68108	50	751	597.7	1.4	0.04	0.000*	---	9.52	45.864
14346	18037	68108	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
14347	18038	68108	50	303.3	266.4	1.4	0.04	0.000*	---	4.74	5.602
14348	18050	68108	50	351.7	302.3	1.4	0.04	0.000*	---	5.3	8.868
14349	18061	68108	50	503.4	414.5	1.4	0.04	0.000*	---	7	22.367
14350	18063	68108	50	374.7	319.3	1.4	0.04	0.000*	---	5.57	10.651
14351	18066	68108	50	604.2	489.1	1.4	0.04	0.000*	---	8.06	32.296
14352	18069	68108	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
14353	18070	68108	50	302	265.5	1.4	0.04	0.000*	---	4.72	5.527
14354	18075	68108	50	209.4	196.9	1.4	0.04	0.000*	---	3.6	1.489
14355	18077	68108	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.101
14356	18079	68108	50	786.2	623.8	1.4	0.04	0.000*	---	9.86	48.82
14357	18082	68108	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.816
14358	18084	68108	50	356.3	305.7	1.4	0.04	0.000*	---	5.36	9.216
14359	18087	68108	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.755
14360	18089	68108	50	235.9	216.6	1.4	0.04	0.000*	---	3.93	2.34
14361	18090	68108	50	416.8	350.4	1.4	0.04	0.000*	---	6.05	14.215
14362	18091	68108	50	472.5	391.6	1.4	0.04	0.000*	---	6.66	19.368
14363	18093	68108	50	316.9	276.5	1.4	0.04	0.000*	---	4.9	6.448
14364	18096	68108	50	750.2	597.1	1.4	0.04	0.000*	---	9.52	45.795
14365	18098	68108	50	426.3	357.4	1.4	0.04	0.000*	---	6.15	15.059
14366	18100	68108	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
14367	18103	68108	50	496.4	409.3	1.4	0.04	0.000*	---	6.92	21.68
14368	18106	68108	50	284.6	252.6	1.4	0.04	0.000*	---	4.52	4.541
14369	18108	68108	50	281.7	250.4	1.4	0.04	0.000*	---	4.48	4.385
14370	18109	68108	50	248.3	225.7	1.4	0.04	0.000*	---	4.08	2.82
14371	18111	68108	50	548.7	448	1.4	0.04	0.000*	---	7.48	26.828
14372	18112	68108	50	240	219.6	1.4	0.04	0.000*	---	3.98	2.491
14373	18113	68108	50	507.2	417.3	1.4	0.04	0.000*	---	7.04	22.735
14374	18115	68108	50	333.6	288.9	1.4	0.04	0.000*	---	5.1	7.569
14375	18116	68108	50	581.1	472	1.4	0.04	0.000*	---	7.82	30.032
14376	18119	68108	50	477.5	395.4	1.4	0.04	0.000*	---	6.72	19.854
14377	18123	68108	50	371.7	317	1.4	0.04	0.000*	---	5.53	10.407
14378	18126	68108	50	506.4	416.7	1.4	0.04	0.000*	---	7.03	22.661
14379	18127	68108	50	453.4	377.5	1.4	0.04	0.000*	---	6.45	17.562
14380	18129	68108	50	547.8	447.4	1.4	0.04	0.000*	---	7.47	26.748
14381	18130	68108	50	633.4	510.7	1.4	0.04	0.000*	---	8.36	35.128
14382	18131	68108	50	685.8	549.5	1.4	0.04	0.000*	---	8.88	40.064
14383	18135	68108	50	552	450.5	1.4	0.04	0.000*	---	7.51	27.164
14384	18136	68108	50	632.2	509.8	1.4	0.04	0.000*	---	8.34	35.012
14385	18139	68108	50	361.1	309.2	1.4	0.04	0.000*	---	5.41	9.582
14386	18140	68108	50	184.9	178.9	1.4	0.04	0.000*	---	3.3	0.91
14387	18141	68108	50	787.8	625	1.4	0.04	0.000*	---	9.88	48.952
14388	18142	68108	50	469.3	389.3	1.4	0.04	0.000*	---	6.63	19.064
14389	18146	68108	50	481.6	398.4	1.4	0.04	0.000*	---	6.76	20.247
14390	18148	68108	50	228	210.7	1.4	0.04	0.000*	---	3.83	2.06
14391	18149	68108	50	918.4	721.6	1.4	0.04	0.000*	---	11.09	58.724
14392	18150	68108	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
14393	18154	68108	50	509.2	418.8	1.4	0.04	0.000*	---	7.06	22.932
14394	18159	68108	50	267.1	239.6	1.4	0.04	0.000*	---	4.31	3.652
14395	18160	68108	50	380	323.2	1.4	0.04	0.000*	---	5.63	11.081

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14396	18163	68108	50	709.1	566.8	1.4	0.04	0.000*	---	9.11	42.183
14397	18166	68108	50	435.8	364.5	1.4	0.04	0.000*	---	6.26	15.928
14398	18168	68108	50	366.3	313.1	1.4	0.04	0.000*	---	5.47	9.983
14399	18176	68108	50	437.1	365.5	1.4	0.04	0.000*	---	6.27	16.047
14400	18179	68108	50	372.9	318	1.4	0.04	0.000*	---	5.55	10.508
14401	18185	68108	50	395.6	334.8	1.4	0.04	0.000*	---	5.81	12.377
14402	18188	68108	50	414.3	348.5	1.4	0.04	0.000*	---	6.02	13.989
14403	18191	68108	50	368	314.3	1.4	0.04	0.000*	---	5.49	10.113
14404	18194	68108	50	344.1	296.7	1.4	0.04	0.000*	---	5.22	8.313
14405	18195	68108	50	180.9	175.9	1.4	0.04	0.000*	---	3.25	0.832
14406	18196	68108	50	729.5	581.9	1.4	0.04	0.000*	---	9.32	44.001
14407	18198	68108	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.102
14408	18199	68108	50	569.2	463.2	1.4	0.04	0.000*	---	7.69	28.854
14409	18201	68108	50	238.7	218.6	1.4	0.04	0.000*	---	3.96	2.443
14410	18202	68108	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.301
14411	18205	68108	50	347.6	299.3	1.4	0.04	0.000*	---	5.26	8.569
14412	18209	68108	50	359.8	308.3	1.4	0.04	0.000*	---	5.4	9.482
14413	18211	68108	50	258	232.9	1.4	0.04	0.000*	---	4.2	3.235
14414	18212	68108	50	336.6	291.1	1.4	0.04	0.000*	---	5.13	7.773
14415	18213	68108	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.583
14416	18215	68108	50	511.6	420.6	1.4	0.04	0.000*	---	7.08	23.171
14417	18217	68108	50	316.8	276.4	1.4	0.04	0.000*	---	4.9	6.441
14418	18218	68108	50	597.5	484.2	1.4	0.04	0.000*	---	7.99	31.644
14419	18219	68108	50	411.9	346.8	1.4	0.04	0.000*	---	5.99	13.78
14420	18221	68108	50	557.4	454.5	1.4	0.04	0.000*	---	7.57	27.692
14421	18222	68108	50	701	560.8	1.4	0.04	0.000*	---	9.03	41.452
14422	18228	68108	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.965
14423	18231	68108	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
14424	18234	68108	50	268.9	241	1.4	0.04	0.000*	---	4.33	3.74
14425	18235	68108	50	285.6	253.4	1.4	0.04	0.000*	---	4.53	4.596
14426	18238	68108	50	633.8	511	1.4	0.04	0.000*	---	8.36	35.162
14427	18241	68108	50	520.4	427.1	1.4	0.04	0.000*	---	7.18	24.037
14428	18242	68108	50	537.5	439.8	1.4	0.04	0.000*	---	7.36	25.728
14429	18244	68108	50	380.8	323.8	1.4	0.04	0.000*	---	5.64	11.14
14430	18245	68108	50	323.4	281.3	1.4	0.04	0.000*	---	4.98	6.872
14431	18246	68108	50	576.7	468.8	1.4	0.04	0.000*	---	7.77	29.6
14432	18249	68108	50	305.2	267.8	1.4	0.04	0.000*	---	4.76	5.716
14433	18253	68108	50	419.9	352.7	1.4	0.04	0.000*	---	6.08	14.491
14434	18254	68108	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.277
14435	18255	68108	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
14436	18256	68108	50	339.2	293	1.4	0.04	0.000*	---	5.16	7.957
14437	18257	68108	50	342.4	295.3	1.4	0.04	0.000*	---	5.2	8.185
14438	18259	68108	50	286.2	253.8	1.4	0.04	0.000*	---	4.54	4.625
14439	18263	68108	50	480.1	397.3	1.4	0.04	0.000*	---	6.75	20.107
14440	18264	68108	50	591.4	479.7	1.4	0.04	0.000*	---	7.93	31.048
14441	18271	68108	50	302.4	265.8	1.4	0.04	0.000*	---	4.73	5.549
14442	18272	68108	50	361.9	309.8	1.4	0.04	0.000*	---	5.42	9.644
14443	18275	68108	50	244.5	222.9	1.4	0.04	0.000*	---	4.03	2.668
14444	18276	68108	50	337.8	292	1.4	0.04	0.000*	---	5.14	7.86
14445	18277	68108	50	338.8	292.7	1.4	0.04	0.000*	---	5.16	7.93
14446	18278	68108	50	552.6	450.9	1.4	0.04	0.000*	---	7.52	27.215
14447	18280	68108	50	476.9	394.9	1.4	0.04	0.000*	---	6.71	19.797
14448	18282	68108	50	517.8	425.2	1.4	0.04	0.000*	---	7.15	23.785
14449	18283	68108	50	306.8	269.1	1.4	0.04	0.000*	---	4.78	5.818
14450	18286	68108	50	464.3	385.6	1.4	0.04	0.000*	---	6.57	18.591
14451	18288	68108	50	463.2	384.8	1.4	0.04	0.000*	---	6.56	18.485
14452	18289	68108	50	436.6	365.1	1.4	0.04	0.000*	---	6.27	16.002
14453	18296	68108	50	466.2	387	1.4	0.04	0.000*	---	6.59	18.774
14454	18305	68108	50	250.6	227.5	1.4	0.04	0.000*	---	4.11	2.917
14455	18307	68108	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.76
14456	18308	68108	50	310.5	271.7	1.4	0.04	0.000*	---	4.82	6.041

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14457	18309	68108	50	359.5	308	1.4	0.04	0.000*	---	5.4	9.46
14458	18310	68108	50	322.9	280.9	1.4	0.04	0.000*	---	4.97	6.84
14459	18314	68108	50	293.3	259	1.4	0.04	0.000*	---	4.62	5.02
14460	18315	68108	50	355.4	305	1.4	0.04	0.000*	---	5.35	9.143
14461	18316	68108	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.18
14462	18317	68108	50	514.8	422.9	1.4	0.04	0.000*	---	7.12	23.48
14463	18318	68108	50	946	742.1	1.4	0.04	0.000*	---	11.34	60.557
14464	18319	68108	50	349.5	300.7	1.4	0.04	0.000*	---	5.28	8.71
14465	18322	68108	50	720.8	575.4	1.4	0.04	0.000*	---	9.23	43.229
14466	18325	68108	50	545.3	445.5	1.4	0.04	0.000*	---	7.44	26.496
14467	18326	68108	50	549.1	448.4	1.4	0.04	0.000*	---	7.48	26.875
14468	18327	68108	50	243.2	222	1.4	0.04	0.000*	---	4.02	2.616
14469	18328	68108	50	336	290.6	1.4	0.04	0.000*	---	5.12	7.734
14470	18330	68108	50	615.3	497.3	1.4	0.04	0.000*	---	8.17	33.376
14471	18331	68108	50	356.8	306	1.4	0.04	0.000*	---	5.36	9.252
14472	18339	68108	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.876
14473	18340	68108	50	298	262.5	1.4	0.04	0.000*	---	4.68	5.29
14474	18341	68108	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.325
14475	18343	68108	50	1389.2	1070	1.4	0.04	0.000*	---	15.02	80.66
14476	18345	68108	50	683.2	547.5	1.4	0.04	0.000*	---	8.86	39.816
14477	18348	68108	50	355.6	305.2	1.4	0.04	0.000*	---	5.35	9.165
14478	18350	68108	50	437.6	365.8	1.4	0.04	0.000*	---	6.28	16.094
14479	18357	68108	50	405.4	342	1.4	0.04	0.000*	---	5.92	13.212
14480	18361	68108	50	472.1	391.4	1.4	0.04	0.000*	---	6.66	19.334
14481	18366	68108	50	718.4	573.6	1.4	0.04	0.000*	---	9.21	43.015
14482	18367	68108	50	537.2	439.5	1.4	0.04	0.000*	---	7.36	25.694
14483	18373	68108	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.277
14484	18375	68108	50	344.6	297	1.4	0.04	0.000*	---	5.22	8.345
14485	18377	68108	50	321	279.5	1.4	0.04	0.000*	---	4.95	6.716
14486	18379	68108	50	699.2	559.4	1.4	0.04	0.000*	---	9.02	41.29
14487	18380	68108	50	471	390.6	1.4	0.04	0.000*	---	6.65	19.232
14488	18384	68108	50	330.8	286.8	1.4	0.04	0.000*	---	5.06	7.376
14489	18385	68108	50	1041	812.3	1.4	0.04	0.000*	---	12.18	66.249
14490	18386	68108	50	211.3	198.3	1.4	0.04	0.000*	---	3.62	1.542
14491	18388	68108	50	164.5	163.7	1.4	0.04	0.000*	---	3.04	0.562
14492	18390	68108	50	64.4	89.7	1.4	0.04	0.000*	---	1.73	0.01
14493	18391	68108	50	349.1	300.3	1.4	0.04	0.000*	---	5.27	8.676
14494	18392	68108	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
14495	18394	68108	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
14496	18397	68108	50	359.2	307.8	1.4	0.04	0.000*	---	5.39	9.435
14497	18399	68108	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.315
14498	18400	68108	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.088
14499	18404	68108	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.291
14500	18414	68108	50	542.8	443.7	1.4	0.04	0.000*	---	7.42	26.251
14501	18416	68108	50	700.9	560.7	1.4	0.04	0.000*	---	9.03	41.442
14502	18420	68108	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
14503	18422	68108	50	510.3	419.6	1.4	0.04	0.000*	---	7.07	23.042
14504	18423	68108	50	566.8	461.4	1.4	0.04	0.000*	---	7.67	28.623
14505	18424	68108	50	540.8	442.2	1.4	0.04	0.000*	---	7.4	26.054
14506	18428	68108	50	429.4	359.8	1.4	0.04	0.000*	---	6.19	15.343
14507	18430	68108	50	358.5	307.3	1.4	0.04	0.000*	---	5.38	9.381
14508	18433	68108	50	400.7	338.5	1.4	0.04	0.000*	---	5.86	12.81
14509	18435	68108	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.891
14510	18436	68108	50	434.9	363.8	1.4	0.04	0.000*	---	6.25	15.846
14511	18437	68108	50	411.9	346.8	1.4	0.04	0.000*	---	5.99	13.785
14512	18438	68108	50	1117.9	869.3	1.4	0.04	0.000*	---	12.84	70.234
14513	18439	68108	50	473.5	392.4	1.4	0.04	0.000*	---	6.67	19.468
14514	18440	68108	50	487.7	402.9	1.4	0.04	0.000*	---	6.83	20.836
14515	18441	68108	50	448.1	373.6	1.4	0.04	0.000*	---	6.39	17.066
14516	18446	68108	50	575.7	468	1.4	0.04	0.000*	---	7.76	29.499
14517	18447	68108	50	538.3	440.4	1.4	0.04	0.000*	---	7.37	25.806

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14518	18448	68108	50	579.5	470.8	1.4	0.04	0.000*	---	7.8	29.874
14519	18449	68108	50	364.5	311.7	1.4	0.04	0.000*	---	5.45	9.845
14520	18450	68108	50	501.3	412.9	1.4	0.04	0.000*	---	6.97	22.157
14521	18451	68108	50	276.9	246.9	1.4	0.04	0.000*	---	4.42	4.136
14522	18456	68108	50	142.1	147.2	1.4	0.04	0.000*	---	2.75	0.302
14523	18461	68108	50	229.4	211.8	1.4	0.04	0.000*	---	3.85	2.11
14524	18467	68108	50	450.9	375.7	1.4	0.04	0.000*	---	6.42	17.325
14525	18468	68108	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.276
14526	18471	68108	50	455.8	379.3	1.4	0.04	0.000*	---	6.48	17.783
14527	18475	68108	50	535.7	438.4	1.4	0.04	0.000*	---	7.34	25.544
14528	18476	68108	50	1176.6	912.7	1.4	0.04	0.000*	---	13.33	72.933
14529	18477	68108	50	460.8	383	1.4	0.04	0.000*	---	6.53	18.262
14530	18483	68108	50	424.1	355.9	1.4	0.04	0.000*	---	6.13	14.87
14531	18484	68108	50	262.5	236.3	1.4	0.04	0.000*	---	4.25	3.438
14532	18486	68108	50	390.6	331	1.4	0.04	0.000*	---	5.75	11.954
14533	18487	68108	50	361.3	309.4	1.4	0.04	0.000*	---	5.42	9.599
14534	18488	68108	50	472.8	391.9	1.4	0.04	0.000*	---	6.66	19.397
14535	18492	68108	50	453.8	377.8	1.4	0.04	0.000*	---	6.46	17.595
14536	18494	68108	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.608
14537	18497	68108	50	454.2	378.1	1.4	0.04	0.000*	---	6.46	17.634
14538	18498	68108	50	433.8	363	1.4	0.04	0.000*	---	6.24	15.746
14539	18501	68108	50	274.8	245.3	1.4	0.04	0.000*	---	4.4	4.029
14540	18502	68108	50	440.4	367.9	1.4	0.04	0.000*	---	6.31	16.349
14541	18504	68108	50	456.3	379.7	1.4	0.04	0.000*	---	6.48	17.835
14542	18506	68108	50	624.9	504.4	1.4	0.04	0.000*	---	8.27	34.31
14543	18509	68108	50	240.1	219.7	1.4	0.04	0.000*	---	3.98	2.498
14544	18510	68108	50	727.9	580.6	1.4	0.04	0.000*	---	9.3	43.853
14545	18512	68108	50	115.5	127.4	1.4	0.04	0.000*	---	2.41	0.122
14546	18515	68108	50	577.1	469	1.4	0.04	0.000*	---	7.78	29.636
14547	18518	68108	50	430.7	360.7	1.4	0.04	0.000*	---	6.2	15.461
14548	18519	68108	50	255.1	230.8	1.4	0.04	0.000*	---	4.16	3.108
14549	18521	68108	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.659
14550	18522	68108	50	540.8	442.2	1.4	0.04	0.000*	---	7.4	26.049
14551	18526	68108	50	236.3	216.9	1.4	0.04	0.000*	---	3.93	2.353
14552	18530	68108	50	219.5	204.4	1.4	0.04	0.000*	---	3.73	1.785
14553	18532	68108	50	276.9	246.9	1.4	0.04	0.000*	---	4.42	4.137
14554	18533	68108	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.249
14555	18535	68108	50	477.1	395.1	1.4	0.04	0.000*	---	6.71	19.817
14556	18536	68108	50	584.4	474.4	1.4	0.04	0.000*	---	7.85	30.353
14557	18537	68108	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.684
14558	18539	68108	50	279.3	248.7	1.4	0.04	0.000*	---	4.45	4.259
14559	18540	68108	50	262	235.9	1.4	0.04	0.000*	---	4.25	3.415
14560	18541	68108	50	453.7	377.7	1.4	0.04	0.000*	---	6.46	17.584
14561	18542	68108	50	247.4	225.1	1.4	0.04	0.000*	---	4.07	2.784
14562	18543	68108	50	416.9	350.5	1.4	0.04	0.000*	---	6.05	14.225
14563	18547	68108	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.67
14564	18549	68108	50	218.2	203.5	1.4	0.04	0.000*	---	3.71	1.745
14565	18551	68108	50	462.4	384.2	1.4	0.04	0.000*	---	6.55	18.411
14566	18552	68108	50	302.9	266.1	1.4	0.04	0.000*	---	4.73	5.58
14567	18554	68108	50	463.2	384.8	1.4	0.04	0.000*	---	6.56	18.485
14568	18556	68108	50	528	432.7	1.4	0.04	0.000*	---	7.26	24.789
14569	18566	68108	50	290.6	257.1	1.4	0.04	0.000*	---	4.59	4.871
14570	18567	68108	50	652.7	525	1.4	0.04	0.000*	---	8.55	36.964
14571	18568	68108	50	494.5	407.9	1.4	0.04	0.000*	---	6.9	21.499
14572	18569	68108	50	349.2	300.4	1.4	0.04	0.000*	---	5.28	8.685
14573	18571	68108	50	350.5	301.3	1.4	0.04	0.000*	---	5.29	8.777
14574	18572	68108	50	811.5	642.5	1.4	0.04	0.000*	---	10.1	50.865
14575	18576	68108	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.655
14576	18579	68108	50	183.7	178	1.4	0.04	0.000*	---	3.28	0.886
14577	18582	68108	50	159.3	159.9	1.4	0.04	0.000*	---	2.97	0.491
14578	18585	68108	50	376.2	320.4	1.4	0.04	0.000*	---	5.59	10.772

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14579	18594	68108	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.699
14580	18595	68108	50	369.6	315.5	1.4	0.04	0.000*	---	5.51	10.24
14581	18597	68108	50	495	408.3	1.4	0.04	0.000*	---	6.91	21.544
14582	18599	68108	50	667.5	536	1.4	0.04	0.000*	---	8.7	38.365
14583	18603	68108	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.874
14584	18605	68108	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.28
14585	18609	68108	50	460	382.4	1.4	0.04	0.000*	---	6.53	18.186
14586	18611	68108	50	791	627.4	1.4	0.04	0.000*	---	9.91	49.22
14587	18614	68108	50	255.4	231	1.4	0.04	0.000*	---	4.16	3.118
14588	18619	68108	50	629.4	507.8	1.4	0.04	0.000*	---	8.32	34.744
14589	18622	68108	50	538.2	440.3	1.4	0.04	0.000*	---	7.37	25.794
14590	18627	68108	50	172.4	169.5	1.4	0.04	0.000*	---	3.14	0.682
14591	18629	68108	50	453.4	377.5	1.4	0.04	0.000*	---	6.45	17.56
14592	18630	68108	50	277.1	247.1	1.4	0.04	0.000*	---	4.43	4.149
14593	18631	68108	50	263.9	237.3	1.4	0.04	0.000*	---	4.27	3.503
14594	18632	68108	50	315.5	275.5	1.4	0.04	0.000*	---	4.88	6.358
14595	18634	68108	50	736	586.7	1.4	0.04	0.000*	---	9.38	44.568
14596	18636	68108	50	368.5	314.7	1.4	0.04	0.000*	---	5.5	10.156
14597	18637	68108	50	378.3	321.9	1.4	0.04	0.000*	---	5.61	10.935
14598	18638	68108	50	470.6	390.2	1.4	0.04	0.000*	---	6.64	19.188
14599	18642	68108	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.461
14600	18651	68108	50	303.7	266.8	1.4	0.04	0.000*	---	4.74	5.629
14601	18653	68108	50	210.2	197.5	1.4	0.04	0.000*	---	3.61	1.511
14602	18658	68108	50	444.8	371.1	1.4	0.04	0.000*	---	6.36	16.755
14603	18662	68108	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.04
14604	18664	68108	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.759
14605	18670	68108	50	185	178.9	1.4	0.04	0.000*	---	3.3	0.911
14606	18674	68108	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.304
14607	18675	68108	50	225.9	209.2	1.4	0.04	0.000*	---	3.81	1.99
14608	18678	68108	50	456.7	380	1.4	0.04	0.000*	---	6.49	17.869
14609	18681	68108	50	406	342.4	1.4	0.04	0.000*	---	5.92	13.266
14610	18682	68108	50	389.4	330.2	1.4	0.04	0.000*	---	5.74	11.856
14611	18687	68108	50	391.7	331.9	1.4	0.04	0.000*	---	5.76	12.045
14612	18691	68108	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.909
14613	18692	68108	50	439.6	367.3	1.4	0.04	0.000*	---	6.3	16.276
14614	18694	68108	50	373.4	318.3	1.4	0.04	0.000*	---	5.55	10.543
14615	18696	68108	50	218.7	203.9	1.4	0.04	0.000*	---	3.72	1.761
14616	18697	68108	50	584.7	474.7	1.4	0.04	0.000*	---	7.86	30.387
14617	18698	68108	50	438.4	366.4	1.4	0.04	0.000*	---	6.29	16.167
14618	18699	68108	50	386.8	328.2	1.4	0.04	0.000*	---	5.71	11.636
14619	18700	68108	50	621.9	502.2	1.4	0.04	0.000*	---	8.24	34.018
14620	18701	68108	50	277.8	247.6	1.4	0.04	0.000*	---	4.44	4.185
14621	18702	68108	50	406.4	342.7	1.4	0.04	0.000*	---	5.93	13.299
14622	18703	68108	50	504.3	415.2	1.4	0.04	0.000*	---	7.01	22.458
14623	18704	68108	50	442.7	369.6	1.4	0.04	0.000*	---	6.33	16.562
14624	18706	68108	50	394.2	333.7	1.4	0.04	0.000*	---	5.79	12.254
14625	18707	68108	50	395.6	334.8	1.4	0.04	0.000*	---	5.81	12.377
14626	18709	68108	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.016
14627	18710	68108	50	141.4	146.7	1.4	0.04	0.000*	---	2.74	0.296
14628	18711	68108	50	491.4	405.6	1.4	0.04	0.000*	---	6.87	21.198
14629	18712	68108	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.648
14630	18713	68108	50	406.9	343.1	1.4	0.04	0.000*	---	5.93	13.343
14631	18716	68108	50	248	225.5	1.4	0.04	0.000*	---	4.08	2.808
14632	18718	68108	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.734
14633	18720	68108	50	373.9	318.7	1.4	0.04	0.000*	---	5.56	10.583
14634	18721	68108	50	344.5	296.9	1.4	0.04	0.000*	---	5.22	8.337
14635	18724	68108	50	384.1	326.3	1.4	0.04	0.000*	---	5.68	11.416
14636	18725	68108	50	612.6	495.3	1.4	0.04	0.000*	---	8.14	33.119
14637	18726	68108	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.405
14638	18731	68108	50	589.7	478.4	1.4	0.04	0.000*	---	7.91	30.88
14639	18732	68108	50	341.8	294.9	1.4	0.04	0.000*	---	5.19	8.143

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
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Site Name:
Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14640	18742	68108	50	441.9	369	1.4	0.04	0.000*	---	6.33	16.488
14641	18748	68108	50	364.2	311.5	1.4	0.04	0.000*	---	5.45	9.817
14642	18749	68108	50	244.2	222.7	1.4	0.04	0.000*	---	4.03	2.657
14643	18751	68108	50	363.2	310.8	1.4	0.04	0.000*	---	5.44	9.742
14644	18756	68108	50	501.8	413.4	1.4	0.04	0.000*	---	6.98	22.212
14645	18758	68108	50	341.3	294.5	1.4	0.04	0.000*	---	5.18	8.108
14646	18760	68108	50	284.6	252.6	1.4	0.04	0.000*	---	4.52	4.54
14647	18761	68108	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.814
14648	18766	68108	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.722
14649	18768	68108	50	743.3	592	1.4	0.04	0.000*	---	9.45	45.2
14650	18771	68108	50	503.7	414.7	1.4	0.04	0.000*	---	7	22.391
14651	18772	68108	50	362.5	310.3	1.4	0.04	0.000*	---	5.43	9.69
14652	18774	68108	50	306.9	269.1	1.4	0.04	0.000*	---	4.78	5.823
14653	18779	68108	50	457.5	380.5	1.4	0.04	0.000*	---	6.5	17.941
14654	18780	68108	50	478.1	395.8	1.4	0.04	0.000*	---	6.72	19.906
14655	18781	68108	50	290.2	256.8	1.4	0.04	0.000*	---	4.58	4.848
14656	18784	68108	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.9
14657	18788	68108	50	549.2	448.4	1.4	0.04	0.000*	---	7.48	26.877
14658	18793	68108	50	681.2	546.1	1.4	0.04	0.000*	---	8.84	39.636
14659	18794	68108	50	430.3	360.4	1.4	0.04	0.000*	---	6.2	15.426
14660	18799	68108	50	303.9	266.9	1.4	0.04	0.000*	---	4.75	5.64
14661	18800	68108	50	535.4	438.2	1.4	0.04	0.000*	---	7.34	25.516
14662	18802	68108	50	381.5	324.3	1.4	0.04	0.000*	---	5.65	11.201
14663	18803	68108	50	493.8	407.4	1.4	0.04	0.000*	---	6.89	21.425
14664	18805	68108	50	618.3	499.5	1.4	0.04	0.000*	---	8.2	33.668
14665	18808	68108	50	494.3	407.8	1.4	0.04	0.000*	---	6.9	21.477
14666	18809	68108	50	79.7	100.9	1.4	0.04	0.000*	---	1.94	0.024
14667	18811	68108	50	317.2	276.8	1.4	0.04	0.000*	---	4.9	6.472
14668	18814	68108	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
14669	18816	68108	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
14670	18818	68108	50	499.5	411.6	1.4	0.04	0.000*	---	6.95	21.98
14671	18819	68108	50	480	397.2	1.4	0.04	0.000*	---	6.74	20.09
14672	18821	68108	50	836.1	660.7	1.4	0.04	0.000*	---	10.33	52.782
14673	18822	68108	50	213.5	200	1.4	0.04	0.000*	---	3.65	1.606
14674	18826	68108	50	425.8	357.1	1.4	0.04	0.000*	---	6.15	15.02
14675	18832	68108	50	653.9	525.9	1.4	0.04	0.000*	---	8.56	37.078
14676	18833	68108	50	513	421.6	1.4	0.04	0.000*	---	7.1	23.305
14677	18836	68108	50	417	350.6	1.4	0.04	0.000*	---	6.05	14.231
14678	18837	68108	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.898
14679	18838	68108	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.55
14680	18843	68108	50	401.4	339	1.4	0.04	0.000*	---	5.87	12.866
14681	18844	68108	50	358.2	307.1	1.4	0.04	0.000*	---	5.38	9.36
14682	18845	68108	50	509.6	419.1	1.4	0.04	0.000*	---	7.06	22.971
14683	18849	68108	50	838.2	662.2	1.4	0.04	0.000*	---	10.35	52.942
14684	18851	68108	50	565.4	460.4	1.4	0.04	0.000*	---	7.66	28.488
14685	18852	68108	50	238.6	218.6	1.4	0.04	0.000*	---	3.96	2.441
14686	18854	68108	50	309.1	270.8	1.4	0.04	0.000*	---	4.81	5.96
14687	18855	68108	50	320.2	278.9	1.4	0.04	0.000*	---	4.94	6.661
14688	18860	68108	50	550.3	449.2	1.4	0.04	0.000*	---	7.5	26.988
14689	18862	68108	50	617.7	499.1	1.4	0.04	0.000*	---	8.2	33.609
14690	18864	68108	50	341.4	294.6	1.4	0.04	0.000*	---	5.18	8.113
14691	18867	68108	50	467.1	387.7	1.4	0.04	0.000*	---	6.6	18.858
14692	18872	68108	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
14693	18875	68108	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
14694	18879	68108	50	332	287.7	1.4	0.04	0.000*	---	5.08	7.46
14695	18885	68108	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.89
14696	18890	68108	50	508.8	418.5	1.4	0.04	0.000*	---	7.05	22.893
14697	18892	68108	50	1059.2	825.8	1.4	0.04	0.000*	---	12.34	67.242
14698	18893	68108	50	380.1	323.2	1.4	0.04	0.000*	---	5.63	11.082
14699	18896	68108	50	267.4	239.9	1.4	0.04	0.000*	---	4.31	3.669
14700	18899	68108	50	642.8	517.7	1.4	0.04	0.000*	---	8.45	36.024

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14701	18903	68108	50	353.6	303.7	1.4	0.04	0.000*	---	5.33	9.011
14702	18914	68108	50	311.3	272.4	1.4	0.04	0.000*	---	4.83	6.095
14703	18922	68108	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.04
14704	18924	68108	50	354	304	1.4	0.04	0.000*	---	5.33	9.042
14705	18933	68108	50	297.1	261.8	1.4	0.04	0.000*	---	4.66	5.236
14706	18936	68108	50	677.6	543.4	1.4	0.04	0.000*	---	8.8	39.3
14707	18939	68108	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.949
14708	18940	68108	50	111.9	124.8	1.4	0.04	0.000*	---	2.36	0.106
14709	18941	68108	50	486.7	402.1	1.4	0.04	0.000*	---	6.82	20.738
14710	18943	68108	50	311.4	272.4	1.4	0.04	0.000*	---	4.83	6.1
14711	18944	68108	50	515	423.1	1.4	0.04	0.000*	---	7.12	23.51
14712	18945	68108	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
14713	18946	68108	50	533.5	436.8	1.4	0.04	0.000*	---	7.32	25.332
14714	18947	68108	50	174.5	171.1	1.4	0.04	0.000*	---	3.16	0.718
14715	18950	68108	50	374.6	319.2	1.4	0.04	0.000*	---	5.57	10.645
14716	18951	68108	50	198.5	188.9	1.4	0.04	0.000*	---	3.47	1.209
14717	18953	68108	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
14718	18956	68108	50	502.3	413.7	1.4	0.04	0.000*	---	6.98	22.258
14719	18960	68108	50	492.2	406.2	1.4	0.04	0.000*	---	6.88	21.274
14720	18962	68108	50	495	408.3	1.4	0.04	0.000*	---	6.91	21.542
14721	18965	68108	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.132
14722	18968	68108	50	381.3	324.2	1.4	0.04	0.000*	---	5.64	11.184
14723	18972	68108	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.539
14724	18974	68108	50	145.6	149.8	1.4	0.04	0.000*	---	2.8	0.336
14725	18975	68108	50	364.4	311.7	1.4	0.04	0.000*	---	5.45	9.836
14726	18976	68108	50	478.3	396	1.4	0.04	0.000*	---	6.73	19.932
14727	18977	68108	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.603
14728	18978	68108	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.941
14729	18981	68108	50	213.9	200.3	1.4	0.04	0.000*	---	3.66	1.616
14730	18982	68108	50	210.2	197.5	1.4	0.04	0.000*	---	3.61	1.511
14731	18984	68108	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
14732	18985	68108	50	132.6	140.2	1.4	0.04	0.000*	---	2.63	0.224
14733	18988	68108	50	328.8	285.3	1.4	0.04	0.000*	---	5.04	7.238
14734	18990	68108	50	756	601.5	1.4	0.04	0.000*	---	9.57	46.295
14735	18991	68108	50	507	417.2	1.4	0.04	0.000*	---	7.04	22.723
14736	18992	68108	50	571.8	465.2	1.4	0.04	0.000*	---	7.72	29.119
14737	18994	68108	50	303.5	266.6	1.4	0.04	0.000*	---	4.74	5.618
14738	18995	68108	50	565.6	460.6	1.4	0.04	0.000*	---	7.66	28.505
14739	18998	68108	50	279.2	248.6	1.4	0.04	0.000*	---	4.45	4.256
14740	19002	68108	50	640.9	516.3	1.4	0.04	0.000*	---	8.43	35.845
14741	19005	68108	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
14742	19007	68108	50	63.3	88.8	1.4	0.04	0.000*	---	1.72	0.009
14743	19008	68108	50	578.1	469.8	1.4	0.04	0.000*	---	7.79	29.74
14744	19010	68108	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.317
14745	19011	68108	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
14746	19012	68108	50	471.2	390.7	1.4	0.04	0.000*	---	6.65	19.248
14747	19018	68108	50	359.5	308	1.4	0.04	0.000*	---	5.39	9.458
14748	19019	68108	50	336.6	291.1	1.4	0.04	0.000*	---	5.13	7.777
14749	19021	68108	50	556.2	453.5	1.4	0.04	0.000*	---	7.56	27.569
14750	19029	68108	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
14751	19030	68108	50	782.5	621.1	1.4	0.04	0.000*	---	9.83	48.521
14752	19033	68108	50	443.8	370.4	1.4	0.04	0.000*	---	6.35	16.66
14753	19038	68108	50	261.3	235.4	1.4	0.04	0.000*	---	4.24	3.384
14754	19041	68108	50	605.7	490.2	1.4	0.04	0.000*	---	8.07	32.447
14755	19044	68108	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.557
14756	19045	68108	50	429.7	360	1.4	0.04	0.000*	---	6.19	15.37
14757	19048	68108	50	315.4	275.4	1.4	0.04	0.000*	---	4.88	6.354
14758	19054	68108	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
14759	19058	68108	50	476.6	394.7	1.4	0.04	0.000*	---	6.71	19.766
14760	19059	68108	50	506.9	417.1	1.4	0.04	0.000*	---	7.03	22.705
14761	19063	68108	50	281.3	250.2	1.4	0.04	0.000*	---	4.48	4.367

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14762	19064	68108	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.877
14763	19069	68108	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
14764	19071	68108	50	105.1	119.8	1.4	0.04	0.000*	---	2.27	0.081
14765	19072	68108	50	180.3	175.4	1.4	0.04	0.000*	---	3.24	0.82
14766	19073	68108	50	847.5	669.1	1.4	0.04	0.000*	---	10.44	53.649
14767	19074	68108	50	200.7	190.5	1.4	0.04	0.000*	---	3.49	1.262
14768	19076	68108	50	575.2	467.6	1.4	0.04	0.000*	---	7.76	29.447
14769	19078	68108	50	476.8	394.8	1.4	0.04	0.000*	---	6.71	19.782
14770	19079	68108	50	567.5	462	1.4	0.04	0.000*	---	7.68	28.696
14771	19082	68108	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.825
14772	19084	68108	50	471.7	391	1.4	0.04	0.000*	---	6.65	19.292
14773	19085	68108	50	201.9	191.4	1.4	0.04	0.000*	---	3.51	1.293
14774	19086	68108	50	442.3	369.3	1.4	0.04	0.000*	---	6.33	16.527
14775	19088	68108	50	281.8	250.6	1.4	0.04	0.000*	---	4.48	4.394
14776	19090	68108	50	254.6	230.4	1.4	0.04	0.000*	---	4.16	3.087
14777	19091	68108	50	397.3	336	1.4	0.04	0.000*	---	5.83	12.515
14778	19093	68108	50	591.7	479.9	1.4	0.04	0.000*	---	7.93	31.078
14779	19094	68108	50	382	324.7	1.4	0.04	0.000*	---	5.65	11.244
14780	19095	68108	50	408.5	344.3	1.4	0.04	0.000*	---	5.95	13.485
14781	19096	68108	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.865
14782	19097	68108	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.368
14783	19098	68108	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.863
14784	19099	68108	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.049
14785	19103	68108	50	774.3	615	1.4	0.04	0.000*	---	9.75	47.835
14786	19111	68108	50	292	258	1.4	0.04	0.000*	---	4.6	4.945
14787	19115	68108	50	158.7	159.4	1.4	0.04	0.000*	---	2.96	0.483
14788	19116	68108	50	377.2	321.1	1.4	0.04	0.000*	---	5.6	10.853
14789	19117	68108	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
14790	19119	68108	50	399.1	337.3	1.4	0.04	0.000*	---	5.85	12.668
14791	19122	68108	50	477.7	395.5	1.4	0.04	0.000*	---	6.72	19.867
14792	19125	68108	50	244.7	223.1	1.4	0.04	0.000*	---	4.03	2.673
14793	19126	68108	50	242.9	221.7	1.4	0.04	0.000*	---	4.01	2.602
14794	19130	68108	50	170.2	168	1.4	0.04	0.000*	---	3.11	0.648
14795	19136	68108	50	115.7	127.6	1.4	0.04	0.000*	---	2.41	0.123
14796	19138	68108	50	142.5	147.4	1.4	0.04	0.000*	---	2.76	0.306
14797	19140	68108	50	263	236.6	1.4	0.04	0.000*	---	4.26	3.46
14798	19144	68108	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.495
14799	19151	68108	50	247.9	225.5	1.4	0.04	0.000*	---	4.07	2.805
14800	19153	68108	50	292.7	258.6	1.4	0.04	0.000*	---	4.61	4.989
14801	19157	68108	50	373.9	318.7	1.4	0.04	0.000*	---	5.56	10.584
14802	19159	68108	50	325.6	283	1.4	0.04	0.000*	---	5	7.022
14803	19161	68108	50	282.6	251.1	1.4	0.04	0.000*	---	4.49	4.433
14804	19164	68108	50	577.3	469.2	1.4	0.04	0.000*	---	7.78	29.653
14805	19170	68108	50	496.3	409.3	1.4	0.04	0.000*	---	6.92	21.675
14806	19173	68108	50	535.9	438.6	1.4	0.04	0.000*	---	7.34	25.569
14807	19175	68108	50	568.2	462.5	1.4	0.04	0.000*	---	7.68	28.758
14808	19179	68108	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037
14809	19182	68108	50	296.4	261.4	1.4	0.04	0.000*	---	4.66	5.199
14810	19183	68108	50	797.4	632.1	1.4	0.04	0.000*	---	9.97	49.738
14811	19187	68108	50	980	767.2	1.4	0.04	0.000*	---	11.64	62.697
14812	19188	68108	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.55
14813	19190	68108	50	789.8	626.5	1.4	0.04	0.000*	---	9.9	49.122
14814	19191	68108	50	421.4	353.8	1.4	0.04	0.000*	---	6.1	14.623
14815	19193	68108	50	557.4	454.5	1.4	0.04	0.000*	---	7.57	27.689
14816	19194	68108	50	183.6	177.9	1.4	0.04	0.000*	---	3.28	0.885
14817	19195	68108	50	492.9	406.8	1.4	0.04	0.000*	---	6.88	21.346
14818	19197	68108	50	226.1	209.3	1.4	0.04	0.000*	---	3.81	1.996
14819	19198	68108	50	629.2	507.6	1.4	0.04	0.000*	---	8.31	34.72
14820	19199	68108	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.433
14821	19201	68108	50	381	324	1.4	0.04	0.000*	---	5.64	11.163
14822	19203	68108	50	423.8	355.6	1.4	0.04	0.000*	---	6.12	14.839

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14823	19205	68108	50	195.5	186.7	1.4	0.04	0.000*	---	3.43	1.138
14824	19206	68108	50	116.3	128.1	1.4	0.04	0.000*	---	2.42	0.126
14825	19207	68108	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.791
14826	19209	68108	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.317
14827	19210	68108	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.684
14828	19211	68108	50	294.4	259.8	1.4	0.04	0.000*	---	4.63	5.081
14829	19212	68108	50	325.5	282.9	1.4	0.04	0.000*	---	5	7.017
14830	19214	68108	50	311.4	272.5	1.4	0.04	0.000*	---	4.83	6.102
14831	19224	68108	50	374	318.8	1.4	0.04	0.000*	---	5.56	10.592
14832	19243	68108	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
14833	19244	68108	50	488.2	403.2	1.4	0.04	0.000*	---	6.83	20.881
14834	19247	68108	50	407	343.1	1.4	0.04	0.000*	---	5.94	13.35
14835	19251	68108	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.315
14836	19254	68108	50	462.8	384.4	1.4	0.04	0.000*	---	6.56	18.443
14837	19255	68108	50	248.1	225.6	1.4	0.04	0.000*	---	4.08	2.813
14838	19256	68108	50	481.7	398.4	1.4	0.04	0.000*	---	6.76	20.252
14839	19258	68108	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.426
14840	19262	68108	50	682.9	547.3	1.4	0.04	0.000*	---	8.86	39.793
14841	19264	68108	50	571.1	464.6	1.4	0.04	0.000*	---	7.72	29.051
14842	19268	68108	50	408.5	344.3	1.4	0.04	0.000*	---	5.95	13.481
14843	19269	68108	50	558.8	455.5	1.4	0.04	0.000*	---	7.59	27.827
14844	19276	68108	50	369.1	315.1	1.4	0.04	0.000*	---	5.51	10.205
14845	19277	68108	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.946
14846	19279	68108	50	410.4	345.7	1.4	0.04	0.000*	---	5.97	13.649
14847	19280	68108	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.951
14848	19281	68108	50	518.2	425.4	1.4	0.04	0.000*	---	7.15	23.814
14849	19289	68108	50	279.4	248.8	1.4	0.04	0.000*	---	4.45	4.266
14850	19290	68108	50	413.3	347.8	1.4	0.04	0.000*	---	6.01	13.904
14851	19292	68108	50	452.1	376.5	1.4	0.04	0.000*	---	6.44	17.438
14852	19294	68108	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.182
14853	19299	68108	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.431
14854	19301	68108	50	185.9	179.6	1.4	0.04	0.000*	---	3.31	0.93
14855	19312	68108	50	377.6	321.4	1.4	0.04	0.000*	---	5.6	10.88
14856	19313	68108	50	765.5	608.4	1.4	0.04	0.000*	---	9.66	47.096
14857	19315	68108	50	640.3	515.8	1.4	0.04	0.000*	---	8.43	35.79
14858	19330	68108	50	583.2	473.5	1.4	0.04	0.000*	---	7.84	30.236
14859	19341	68108	50	415.6	349.6	1.4	0.04	0.000*	---	6.03	14.111
14860	19343	68108	50	499.4	411.5	1.4	0.04	0.000*	---	6.95	21.973
14861	19347	68108	50	439.8	367.5	1.4	0.04	0.000*	---	6.3	16.298
14862	19349	68108	50	400.7	338.5	1.4	0.04	0.000*	---	5.86	12.812
14863	19351	68108	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.22
14864	19355	68108	50	503.6	414.7	1.4	0.04	0.000*	---	7	22.391
14865	19357	68108	50	351.8	302.3	1.4	0.04	0.000*	---	5.31	8.875
14866	19362	68108	50	374.9	319.5	1.4	0.04	0.000*	---	5.57	10.668
14867	19367	68108	50	360.4	308.7	1.4	0.04	0.000*	---	5.41	9.527
14868	19369	68108	50	605.2	489.9	1.4	0.04	0.000*	---	8.07	32.398
14869	19371	68108	50	100.2	116.1	1.4	0.04	0.000*	---	2.21	0.065
14870	19373	68108	50	490.2	404.8	1.4	0.04	0.000*	---	6.85	21.082
14871	19374	68108	50	453.4	377.5	1.4	0.04	0.000*	---	6.45	17.559
14872	19375	68108	50	354	304	1.4	0.04	0.000*	---	5.33	9.041
14873	19376	68108	50	544.3	444.8	1.4	0.04	0.000*	---	7.43	26.394
14874	19379	68108	50	502	413.5	1.4	0.04	0.000*	---	6.98	22.233
14875	19381	68108	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.12
14876	19383	68108	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.488
14877	19385	68108	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.896
14878	19388	68108	50	664.5	533.7	1.4	0.04	0.000*	---	8.67	38.079
14879	19389	68108	50	321	279.5	1.4	0.04	0.000*	---	4.95	6.716
14880	19390	68108	50	256.9	232.1	1.4	0.04	0.000*	---	4.18	3.184
14881	19391	68108	50	477.4	395.3	1.4	0.04	0.000*	---	6.72	19.844
14882	19394	68108	50	1284.2	992.3	1.4	0.04	0.000*	---	14.2	77.207
14883	19395	68108	50	629.6	507.9	1.4	0.04	0.000*	---	8.32	34.763

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14884	19396	68108	50	528	432.7	1.4	0.04	0.000*	---	7.26	24.784
14885	19399	68108	50	589.2	478	1.4	0.04	0.000*	---	7.9	30.832
14886	19402	68108	50	296.5	261.4	1.4	0.04	0.000*	---	4.66	5.205
14887	19404	68108	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.573
14888	19406	68108	50	533.1	436.5	1.4	0.04	0.000*	---	7.31	25.286
14889	19407	68108	50	329.9	286.1	1.4	0.04	0.000*	---	5.05	7.312
14890	19411	68108	50	582.9	473.3	1.4	0.04	0.000*	---	7.84	30.209
14891	19414	68108	50	358.3	307.1	1.4	0.04	0.000*	---	5.38	9.366
14892	19416	68108	50	304.3	267.2	1.4	0.04	0.000*	---	4.75	5.665
14893	19417	68108	50	601.2	486.9	1.4	0.04	0.000*	---	8.03	32.007
14894	19419	68108	50	174.2	170.9	1.4	0.04	0.000*	---	3.16	0.712
14895	19426	68108	50	715.1	571.2	1.4	0.04	0.000*	---	9.17	42.719
14896	19429	68108	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.683
14897	19430	68108	50	732.4	584	1.4	0.04	0.000*	---	9.34	44.255
14898	19440	68108	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.119
14899	19444	68108	50	199.3	189.4	1.4	0.04	0.000*	---	3.48	1.226
14900	19449	68108	50	902.7	710	1.4	0.04	0.000*	---	10.95	57.647
14901	19450	68108	50	123.6	133.4	1.4	0.04	0.000*	---	2.51	0.165
14902	19455	68108	50	209	196.6	1.4	0.04	0.000*	---	3.6	1.477
14903	19460	68108	50	490.1	404.7	1.4	0.04	0.000*	---	6.85	21.069
14904	19464	68108	50	236.2	216.8	1.4	0.04	0.000*	---	3.93	2.35
14905	19465	68108	50	301.2	264.9	1.4	0.04	0.000*	---	4.71	5.481
14906	19466	68108	50	457.3	380.4	1.4	0.04	0.000*	---	6.49	17.923
14907	19467	68108	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.253
14908	19468	68108	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.707
14909	19470	68108	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.362
14910	19472	68108	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.898
14911	19473	68108	50	415.4	349.4	1.4	0.04	0.000*	---	6.03	14.09
14912	19474	68108	50	388.1	329.2	1.4	0.04	0.000*	---	5.72	11.743
14913	19475	68108	50	304	267	1.4	0.04	0.000*	---	4.75	5.647
14914	19493	68108	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221
14915	19498	68108	50	1363.5	1051	1.4	0.04	0.000*	---	14.82	79.874
14916	19503	68108	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.236
14917	19506	68108	50	301.6	265.1	1.4	0.04	0.000*	---	4.72	5.5
14918	19509	68108	50	337.9	292.1	1.4	0.04	0.000*	---	5.15	7.87
14919	19512	68108	50	395	334.3	1.4	0.04	0.000*	---	5.8	12.324
14920	19513	68108	50	570.3	464	1.4	0.04	0.000*	---	7.71	28.97
14921	19514	68108	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.275
14922	19515	68108	50	258.7	233.4	1.4	0.04	0.000*	---	4.21	3.266
14923	19519	68108	50	615.7	497.6	1.4	0.04	0.000*	---	8.18	33.416
14924	19521	68108	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481
14925	19522	68108	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.783
14926	19526	68108	50	228.1	210.8	1.4	0.04	0.000*	---	3.83	2.066
14927	19533	68108	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
14928	19535	68108	50	415.5	349.5	1.4	0.04	0.000*	---	6.03	14.102
14929	19545	68108	50	62.3	88.1	1.4	0.04	0.000*	---	1.7	0.008
14930	19546	68108	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.004
14931	19549	68108	50	239	218.9	1.4	0.04	0.000*	---	3.97	2.456
14932	19553	68108	50	442.1	369.1	1.4	0.04	0.000*	---	6.33	16.507
14933	19554	68108	50	645.9	520	1.4	0.04	0.000*	---	8.48	36.323
14934	19557	68108	50	595	482.3	1.4	0.04	0.000*	---	7.96	31.395
14935	19563	68108	50	1640.6	1256	1.4	0.04	0.000*	---	16.88	86.736
14936	19564	68108	50	371.6	317	1.4	0.04	0.000*	---	5.53	10.399
14937	19565	68108	50	509.6	419.1	1.4	0.04	0.000*	---	7.06	22.97
14938	19566	68108	50	722.5	576.6	1.4	0.04	0.000*	---	9.25	43.376
14939	19570	68108	50	277.9	247.7	1.4	0.04	0.000*	---	4.44	4.19
14940	19571	68108	50	493.9	407.5	1.4	0.04	0.000*	---	6.89	21.435
14941	19573	68108	50	173.4	170.3	1.4	0.04	0.000*	---	3.15	0.699
14942	19574	68108	50	589.8	478.4	1.4	0.04	0.000*	---	7.91	30.886
14943	19579	68108	50	450.7	375.5	1.4	0.04	0.000*	---	6.42	17.308
14944	19581	68108	50	346.7	298.5	1.4	0.04	0.000*	---	5.25	8.497

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
14945	19584	68108	50	573	466	1.4	0.04	0.000*	---	7.73	29.232
14946	19586	68108	50	362.4	310.1	1.4	0.04	0.000*	---	5.43	9.678
14947	19590	68108	50	525.1	430.6	1.4	0.04	0.000*	---	7.23	24.499
14948	19595	68108	50	438.8	366.7	1.4	0.04	0.000*	---	6.29	16.206
14949	19597	68108	50	300.2	264.1	1.4	0.04	0.000*	---	4.7	5.419
14950	19600	68108	50	272.2	243.4	1.4	0.04	0.000*	---	4.37	3.902
14951	19603	68108	50	727.1	580	1.4	0.04	0.000*	---	9.29	43.785
14952	19617	68108	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.612
14953	19622	68108	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.683
14954	19623	68108	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.735
14955	19624	68108	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.535
14956	19627	68108	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
14957	19628	68108	50	483.6	399.9	1.4	0.04	0.000*	---	6.78	20.442
14958	19630	68108	50	239.1	218.9	1.4	0.04	0.000*	---	3.97	2.458
14959	19632	68108	50	419.3	352.3	1.4	0.04	0.000*	---	6.07	14.432
14960	19633	68108	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.505
14961	19634	68108	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.473
14962	19637	68108	50	408.8	344.5	1.4	0.04	0.000*	---	5.96	13.509
14963	19639	68108	50	198.6	188.9	1.4	0.04	0.000*	---	3.47	1.209
14964	19640	68108	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.228
14965	19643	68108	50	85.2	105	1.4	0.04	0.000*	---	2.01	0.032
14966	19644	68108	50	268.3	240.6	1.4	0.04	0.000*	---	4.32	3.713
14967	19650	68108	50	347	298.7	1.4	0.04	0.000*	---	5.25	8.518
14968	19651	68108	50	222.1	206.3	1.4	0.04	0.000*	---	3.76	1.866
14969	19652	68108	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.545
14970	19653	68108	50	378.6	322.2	1.4	0.04	0.000*	---	5.61	10.967
14971	19654	68108	50	415.1	349.1	1.4	0.04	0.000*	---	6.03	14.061
14972	19656	68108	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
14973	19660	68108	50	276.7	246.8	1.4	0.04	0.000*	---	4.42	4.127
14974	19661	68108	50	658.6	529.4	1.4	0.04	0.000*	---	8.61	37.526
14975	19662	68108	50	335.2	290	1.4	0.04	0.000*	---	5.11	7.676
14976	19665	68108	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.032
14977	19674	68108	50	497.4	410.1	1.4	0.04	0.000*	---	6.93	21.784
14978	19680	68108	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
14979	19684	68108	50	362.3	310.1	1.4	0.04	0.000*	---	5.43	9.67
14980	19687	68108	50	440.8	368.2	1.4	0.04	0.000*	---	6.31	16.39
14981	19689	68108	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.328
14982	19694	68108	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
14983	19698	68108	50	388.6	329.5	1.4	0.04	0.000*	---	5.73	11.784
14984	19699	68108	50	291	257.3	1.4	0.04	0.000*	---	4.59	4.889
14985	19701	68108	50	490.9	405.3	1.4	0.04	0.000*	---	6.86	21.147
14986	19703	68108	50	382.6	325.1	1.4	0.04	0.000*	---	5.66	11.286
14987	19704	68108	50	508.2	418.1	1.4	0.04	0.000*	---	7.05	22.837
14988	19707	68108	50	324.9	282.4	1.4	0.04	0.000*	---	4.99	6.974
14989	19709	68108	50	279.5	248.9	1.4	0.04	0.000*	---	4.46	4.273
14990	19712	68108	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
14991	19713	68108	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
14992	19714	68108	50	278.8	248.3	1.4	0.04	0.000*	---	4.45	4.235
14993	19723	68108	50	596.7	483.5	1.4	0.04	0.000*	---	7.98	31.564
14994	19731	68108	50	638.9	514.8	1.4	0.04	0.000*	---	8.41	35.658
14995	19732	68108	50	498.2	410.7	1.4	0.04	0.000*	---	6.94	21.857
14996	19736	68108	50	590	478.6	1.4	0.04	0.000*	---	7.91	30.909
14997	19748	68108	50	281.7	250.5	1.4	0.04	0.000*	---	4.48	4.387
14998	19750	68108	50	461.4	383.5	1.4	0.04	0.000*	---	6.54	18.316
14999	19752	68108	50	114.8	127	1.4	0.04	0.000*	---	2.4	0.119
15000	19754	68108	50	369	315.1	1.4	0.04	0.000*	---	5.5	10.199
15001	19769	68108	50	347.4	299.1	1.4	0.04	0.000*	---	5.26	8.554
15002	19770	68108	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.608
15003	19774	68108	50	136	142.7	1.4	0.04	0.000*	---	2.67	0.25
15004	19777	68108	50	324.8	282.4	1.4	0.04	0.000*	---	4.99	6.969
15005	19778	68108	50	595.5	482.6	1.4	0.04	0.000*	---	7.97	31.442

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15006	19782	68108	50	475.1	393.6	1.4	0.04	0.000*	---	6.69	19.624
15007	19783	68108	50	232.9	214.3	1.4	0.04	0.000*	---	3.89	2.23
15008	19788	68108	50	475.9	394.2	1.4	0.04	0.000*	---	6.7	19.699
15009	19789	68108	50	274.1	244.9	1.4	0.04	0.000*	---	4.39	3.998
15010	19792	68108	50	656.5	527.8	1.4	0.04	0.000*	---	8.59	37.322
15011	19793	68108	50	469.4	389.4	1.4	0.04	0.000*	---	6.63	19.074
15012	19794	68108	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.94
15013	19798	68108	50	645.1	519.3	1.4	0.04	0.000*	---	8.48	36.242
15014	19799	68108	50	703.2	562.3	1.4	0.04	0.000*	---	9.06	41.646
15015	19803	68108	50	1148.6	891.9	1.4	0.04	0.000*	---	13.09	71.677
15016	19808	68108	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.311
15017	19811	68108	50	1498.8	1151.1	1.4	0.04	0.000*	---	15.85	83.638
15018	19820	68108	50	402.1	339.6	1.4	0.04	0.000*	---	5.88	12.934
15019	19826	68108	50	290.2	256.7	1.4	0.04	0.000*	---	4.58	4.844
15020	19828	68108	50	140.3	145.9	1.4	0.04	0.000*	---	2.73	0.286
15021	19838	68108	50	358.3	307.1	1.4	0.04	0.000*	---	5.38	9.363
15022	19850	68108	50	701.3	561	1.4	0.04	0.000*	---	9.04	41.475
15023	19853	68108	50	511.7	420.6	1.4	0.04	0.000*	---	7.09	23.179
15024	19856	68108	50	666.3	535.1	1.4	0.04	0.000*	---	8.69	38.248
15025	19862	68108	50	491.4	405.6	1.4	0.04	0.000*	---	6.87	21.198
15026	19870	68108	50	345.1	297.4	1.4	0.04	0.000*	---	5.23	8.382
15027	19872	68108	50	669.4	537.3	1.4	0.04	0.000*	---	8.72	38.536
15028	19874	68108	50	479.9	397.1	1.4	0.04	0.000*	---	6.74	20.081
15029	19875	68108	50	809.6	641.1	1.4	0.04	0.000*	---	10.08	50.711
15030	19880	68108	50	219.4	204.3	1.4	0.04	0.000*	---	3.72	1.781
15031	19882	68108	50	197.1	187.8	1.4	0.04	0.000*	---	3.45	1.174
15032	19883	68108	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
15033	19884	68108	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.597
15034	19894	68108	50	167.2	165.7	1.4	0.04	0.000*	---	3.07	0.602
15035	19898	68108	50	48.6	77.9	1.4	0.04	0.000*	---	1.52	0.003
15036	19902	68108	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
15037	19904	68108	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.852
15038	19905	68108	50	359.2	307.8	1.4	0.04	0.000*	---	5.39	9.435
15039	19906	68108	50	471	390.5	1.4	0.04	0.000*	---	6.65	19.229
15040	19909	68108	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.855
15041	19917	68108	50	108.2	122	1.4	0.04	0.000*	---	2.31	0.092
15042	19920	68108	50	352.6	302.9	1.4	0.04	0.000*	---	5.32	8.937
15043	19930	68108	50	215.6	201.6	1.4	0.04	0.000*	---	3.68	1.667
15044	19933	68108	50	443.3	370.1	1.4	0.04	0.000*	---	6.34	16.621
15045	19937	68108	50	187.7	180.9	1.4	0.04	0.000*	---	3.33	0.967
15046	19939	68108	50	350.7	301.5	1.4	0.04	0.000*	---	5.29	8.795
15047	19948	68108	50	317.4	276.8	1.4	0.04	0.000*	---	4.9	6.479
15048	19949	68108	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.164
15049	19956	68108	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
15050	19964	68108	50	352.1	302.6	1.4	0.04	0.000*	---	5.31	8.901
15051	19969	68108	50	363.2	310.8	1.4	0.04	0.000*	---	5.44	9.744
15052	19980	68108	50	506.2	416.6	1.4	0.04	0.000*	---	7.03	22.642
15053	19985	68108	50	424	355.7	1.4	0.04	0.000*	---	6.13	14.855
15054	19988	68108	50	469.9	389.7	1.4	0.04	0.000*	---	6.63	19.118
15055	19991	68108	50	383.4	325.7	1.4	0.04	0.000*	---	5.67	11.354
15056	19996	68108	50	153.3	155.4	1.4	0.04	0.000*	---	2.9	0.418
15057	19998	68108	50	405.6	342.2	1.4	0.04	0.000*	---	5.92	13.233
15058	20003	68108	50	266	238.9	1.4	0.04	0.000*	---	4.29	3.602
15059	20004	68108	50	475.4	393.8	1.4	0.04	0.000*	---	6.69	19.645
15060	20006	68108	50	584.3	474.4	1.4	0.04	0.000*	---	7.85	30.343
15061	20011	68108	50	477.5	395.4	1.4	0.04	0.000*	---	6.72	19.855
15062	20013	68108	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
15063	20021	68108	50	368.7	314.8	1.4	0.04	0.000*	---	5.5	10.169
15064	20037	68108	50	762.1	606	1.4	0.04	0.000*	---	9.63	46.816
15065	20039	68108	50	375.8	320.1	1.4	0.04	0.000*	---	5.58	10.738
15066	20040	68108	50	479.3	396.6	1.4	0.04	0.000*	---	6.74	20.021

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15067	20043	68108	50	418.4	351.6	1.4	0.04	0.000*	---	6.06	14.354
15068	20044	68108	50	542.7	443.6	1.4	0.04	0.000*	---	7.42	26.233
15069	20046	68108	50	416.2	350	1.4	0.04	0.000*	---	6.04	14.161
15070	20047	68108	50	407.7	343.7	1.4	0.04	0.000*	---	5.94	13.412
15071	20051	68108	50	253.9	229.9	1.4	0.04	0.000*	---	4.15	3.058
15072	20053	68108	50	702.5	561.8	1.4	0.04	0.000*	---	9.05	41.583
15073	20055	68108	50	422.5	354.6	1.4	0.04	0.000*	---	6.11	14.72
15074	20060	68108	50	442.2	369.2	1.4	0.04	0.000*	---	6.33	16.513
15075	20061	68108	50	632.3	509.9	1.4	0.04	0.000*	---	8.35	35.02
15076	20063	68108	50	39.9	71.6	1.4	0.04	0.000*	---	1.4	0.001
15077	20068	68108	50	529.4	433.8	1.4	0.04	0.000*	---	7.28	24.925
15078	20078	68108	50	466.9	387.5	1.4	0.04	0.000*	---	6.6	18.833
15079	20081	68108	50	624.8	504.4	1.4	0.04	0.000*	---	8.27	34.299
15080	20083	68108	50	428	358.7	1.4	0.04	0.000*	---	6.17	15.217
15081	20084	68108	50	235.6	216.4	1.4	0.04	0.000*	---	3.92	2.329
15082	20086	68108	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.018
15083	20087	68108	50	548.1	447.6	1.4	0.04	0.000*	---	7.47	26.772
15084	20090	68108	50	739.3	589.1	1.4	0.04	0.000*	---	9.41	44.859
15085	20091	68108	50	327.6	284.4	1.4	0.04	0.000*	---	5.02	7.156
15086	20100	68108	50	938	736.2	1.4	0.04	0.000*	---	11.27	60.035
15087	20103	68108	50	581.5	472.3	1.4	0.04	0.000*	---	7.82	30.076
15088	20104	68108	50	582.8	473.3	1.4	0.04	0.000*	---	7.84	30.204
15089	20109	68108	50	648.3	521.8	1.4	0.04	0.000*	---	8.51	36.552
15090	20115	68108	50	456.3	379.7	1.4	0.04	0.000*	---	6.48	17.835
15091	20117	68108	50	341.6	294.8	1.4	0.04	0.000*	---	5.19	8.134
15092	20122	68108	50	578.6	470.2	1.4	0.04	0.000*	---	7.79	29.787
15093	20127	68108	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.695
15094	20136	68108	50	1385.6	1067.3	1.4	0.04	0.000*	---	14.99	80.55
15095	20137	68108	50	353.4	303.5	1.4	0.04	0.000*	---	5.32	8.996
15096	20142	68108	50	556.7	453.9	1.4	0.04	0.000*	---	7.56	27.618
15097	20144	68108	50	396	335	1.4	0.04	0.000*	---	5.81	12.407
15098	20145	68108	50	463.3	384.8	1.4	0.04	0.000*	---	6.56	18.489
15099	20149	68108	50	571.6	465	1.4	0.04	0.000*	---	7.72	29.099
15100	20151	68108	50	405.4	342	1.4	0.04	0.000*	---	5.92	13.217
15101	20154	68108	50	823.7	651.5	1.4	0.04	0.000*	---	10.22	51.827
15102	20158	68108	50	284.2	252.3	1.4	0.04	0.000*	---	4.51	4.517
15103	20160	68108	50	968.5	758.7	1.4	0.04	0.000*	---	11.54	61.986
15104	20165	68108	50	506.7	417	1.4	0.04	0.000*	---	7.03	22.69
15105	20167	68108	50	769.8	611.7	1.4	0.04	0.000*	---	9.71	47.463
15106	20168	68108	50	400.6	338.5	1.4	0.04	0.000*	---	5.86	12.802
15107	20169	68108	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
15108	20172	68108	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.685
15109	20180	68108	50	224.7	208.3	1.4	0.04	0.000*	---	3.79	1.949
15110	20182	68108	50	954.6	748.4	1.4	0.04	0.000*	---	11.42	61.109
15111	20187	68108	50	359.7	308.2	1.4	0.04	0.000*	---	5.4	9.472
15112	20188	68108	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.727
15113	20189	68108	50	352.7	303	1.4	0.04	0.000*	---	5.32	8.944
15114	20193	68108	50	650.3	523.2	1.4	0.04	0.000*	---	8.53	36.738
15115	20194	68108	50	845	667.3	1.4	0.04	0.000*	---	10.42	53.468
15116	20195	68108	50	865	682.1	1.4	0.04	0.000*	---	10.6	54.955
15117	20198	68108	50	508.2	418	1.4	0.04	0.000*	---	7.05	22.833
15118	20200	68108	50	465.6	386.5	1.4	0.04	0.000*	---	6.59	18.713
15119	20201	68108	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
15120	20202	68108	50	522.3	428.5	1.4	0.04	0.000*	---	7.2	24.222
15121	20205	68108	50	650.8	523.6	1.4	0.04	0.000*	---	8.53	36.792
15122	20210	68108	50	303.9	266.9	1.4	0.04	0.000*	---	4.75	5.64
15123	20222	68108	50	93.3	111	1.4	0.04	0.000*	---	2.12	0.048
15124	20225	68108	50	254	230	1.4	0.04	0.000*	---	4.15	3.06
15125	20229	68108	50	472.6	391.7	1.4	0.04	0.000*	---	6.66	19.382
15126	20230	68108	50	507	417.2	1.4	0.04	0.000*	---	7.04	22.722
15127	20231	68108	50	446.8	372.6	1.4	0.04	0.000*	---	6.38	16.943

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15128	20237	68108	50	567.1	461.7	1.4	0.04	0.000*	---	7.67	28.652
15129	20240	68108	50	267.4	239.9	1.4	0.04	0.000*	---	4.31	3.668
15130	20242	68108	50	430.4	360.5	1.4	0.04	0.000*	---	6.2	15.432
15131	20244	68108	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.61
15132	20252	68108	50	277.9	247.6	1.4	0.04	0.000*	---	4.44	4.187
15133	20256	68108	50	511.1	420.2	1.4	0.04	0.000*	---	7.08	23.118
15134	20258	68108	50	446.2	372.2	1.4	0.04	0.000*	---	6.37	16.891
15135	20264	68108	50	569.3	463.3	1.4	0.04	0.000*	---	7.7	28.865
15136	20266	68108	50	554.1	452	1.4	0.04	0.000*	---	7.54	27.362
15137	20269	68108	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.46
15138	20274	68108	50	407.6	343.6	1.4	0.04	0.000*	---	5.94	13.406
15139	20279	68108	50	505.1	415.8	1.4	0.04	0.000*	---	7.01	22.53
15140	20282	68108	50	500.6	412.4	1.4	0.04	0.000*	---	6.97	22.092
15141	20283	68108	50	558.5	455.3	1.4	0.04	0.000*	---	7.58	27.807
15142	20284	68108	50	335	289.9	1.4	0.04	0.000*	---	5.11	7.666
15143	20285	68108	50	281.2	250.1	1.4	0.04	0.000*	---	4.48	4.362
15144	20287	68108	50	371.8	317.1	1.4	0.04	0.000*	---	5.54	10.416
15145	20289	68108	50	485.6	401.4	1.4	0.04	0.000*	---	6.8	20.638
15146	20292	68108	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
15147	20294	68108	50	314.3	274.5	1.4	0.04	0.000*	---	4.87	6.28
15148	20302	68108	50	335.2	290	1.4	0.04	0.000*	---	5.11	7.675
15149	20304	68108	50	322.5	280.7	1.4	0.04	0.000*	---	4.97	6.815
15150	20308	68108	50	413.2	347.8	1.4	0.04	0.000*	---	6.01	13.895
15151	20311	68108	50	361.1	309.2	1.4	0.04	0.000*	---	5.41	9.577
15152	20314	68108	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
15153	20318	68108	50	198.7	189.1	1.4	0.04	0.000*	---	3.47	1.213
15154	20320	68108	50	553.8	451.8	1.4	0.04	0.000*	---	7.53	27.338
15155	20337	68108	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
15156	20341	68108	50	573.9	466.7	1.4	0.04	0.000*	---	7.74	29.32
15157	20344	68108	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.67
15158	20345	68108	50	731.7	583.4	1.4	0.04	0.000*	---	9.34	44.188
15159	20356	68108	50	413.4	347.9	1.4	0.04	0.000*	---	6.01	13.913
15160	20357	68108	50	269.4	241.4	1.4	0.04	0.000*	---	4.33	3.764
15161	20358	68108	50	398.1	336.6	1.4	0.04	0.000*	---	5.84	12.589
15162	20363	68108	50	619	500.1	1.4	0.04	0.000*	---	8.21	33.741
15163	20367	68108	50	432.7	362.2	1.4	0.04	0.000*	---	6.22	15.645
15164	20369	68108	50	567.5	462	1.4	0.04	0.000*	---	7.68	28.691
15165	20370	68108	50	377.2	321.1	1.4	0.04	0.000*	---	5.6	10.849
15166	20372	68108	50	331.5	287.3	1.4	0.04	0.000*	---	5.07	7.418
15167	20373	68108	50	568.6	462.8	1.4	0.04	0.000*	---	7.69	28.799
15168	20381	68108	50	207	195.2	1.4	0.04	0.000*	---	3.57	1.424
15169	20382	68108	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.545
15170	20390	68108	50	194.4	185.9	1.4	0.04	0.000*	---	3.41	1.112
15171	20395	68108	50	322.3	280.5	1.4	0.04	0.000*	---	4.96	6.799
15172	20396	68108	50	182.3	176.9	1.4	0.04	0.000*	---	3.26	0.858
15173	20402	68108	50	239.4	219.1	1.4	0.04	0.000*	---	3.97	2.469
15174	20412	68108	50	369.8	315.6	1.4	0.04	0.000*	---	5.51	10.258
15175	20425	68108	50	318.6	277.7	1.4	0.04	0.000*	---	4.92	6.557
15176	20431	68108	50	442.8	369.6	1.4	0.04	0.000*	---	6.33	16.567
15177	20432	68108	50	255.9	231.3	1.4	0.04	0.000*	---	4.17	3.14
15178	20437	68108	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.596
15179	20438	68108	50	329.5	285.8	1.4	0.04	0.000*	---	5.05	7.283
15180	20439	68108	50	276	246.2	1.4	0.04	0.000*	---	4.41	4.089
15181	20444	68108	50	399.7	337.8	1.4	0.04	0.000*	---	5.85	12.723
15182	20445	68108	50	368	314.3	1.4	0.04	0.000*	---	5.49	10.115
15183	20451	68108	50	319.1	278.2	1.4	0.04	0.000*	---	4.93	6.594
15184	20459	68108	50	398.2	336.7	1.4	0.04	0.000*	---	5.84	12.599
15185	20464	68108	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.752
15186	20467	68108	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.675
15187	20468	68108	50	670.6	538.3	1.4	0.04	0.000*	---	8.73	38.654
15188	20476	68108	50	160.9	161.1	1.4	0.04	0.000*	---	2.99	0.512

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15189	20484	68108	50	368	314.3	1.4	0.04	0.000*	---	5.49	10.114
15190	20487	68108	50	375.2	319.7	1.4	0.04	0.000*	---	5.58	10.691
15191	20489	68108	50	645.3	519.5	1.4	0.04	0.000*	---	8.48	36.267
15192	20491	68108	50	429.1	359.5	1.4	0.04	0.000*	---	6.18	15.316
15193	20501	68108	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.024
15194	20502	68108	50	520.8	427.4	1.4	0.04	0.000*	---	7.18	24.079
15195	20511	68108	50	476.6	394.7	1.4	0.04	0.000*	---	6.71	19.768
15196	20515	68108	50	531.8	435.6	1.4	0.04	0.000*	---	7.3	25.166
15197	20516	68108	50	454.5	378.3	1.4	0.04	0.000*	---	6.46	17.663
15198	20517	68108	50	711.8	568.7	1.4	0.04	0.000*	---	9.14	42.422
15199	20518	68108	50	193.3	185	1.4	0.04	0.000*	---	3.4	1.087
15200	20524	68108	50	818	647.3	1.4	0.04	0.000*	---	10.16	51.378
15201	20529	68108	50	433.4	362.7	1.4	0.04	0.000*	---	6.23	15.706
15202	20530	68108	50	411	346.1	1.4	0.04	0.000*	---	5.98	13.7
15203	20538	68108	50	173.6	170.5	1.4	0.04	0.000*	---	3.15	0.704
15204	20541	68108	50	255.1	230.7	1.4	0.04	0.000*	---	4.16	3.105
15205	20542	68108	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.436
15206	20543	68108	50	346.7	298.5	1.4	0.04	0.000*	---	5.25	8.498
15207	20548	68108	50	357.4	306.5	1.4	0.04	0.000*	---	5.37	9.295
15208	20552	68108	50	220.9	205.4	1.4	0.04	0.000*	---	3.74	1.828
15209	20558	68108	50	527.8	432.5	1.4	0.04	0.000*	---	7.26	24.762
15210	20564	68108	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.295
15211	20567	68108	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.236
15212	20569	68108	50	363.3	310.9	1.4	0.04	0.000*	---	5.44	9.751
15213	20570	68108	50	425.2	356.7	1.4	0.04	0.000*	---	6.14	14.968
15214	20571	68108	50	389.8	330.4	1.4	0.04	0.000*	---	5.74	11.883
15215	20573	68108	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.67
15216	20574	68108	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
15217	20575	68108	50	633.3	510.7	1.4	0.04	0.000*	---	8.36	35.12
15218	20581	68108	50	823.4	651.3	1.4	0.04	0.000*	---	10.21	51.8
15219	20582	68108	50	612	494.8	1.4	0.04	0.000*	---	8.14	33.053
15220	20588	68108	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.079
15221	20589	68108	50	443.3	370.1	1.4	0.04	0.000*	---	6.34	16.62
15222	20592	68108	50	258.9	233.6	1.4	0.04	0.000*	---	4.21	3.273
15223	20596	68108	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.882
15224	20608	68108	50	1082.5	843.1	1.4	0.04	0.000*	---	12.54	68.466
15225	20617	68108	50	524.4	430.1	1.4	0.04	0.000*	---	7.22	24.432
15226	20620	68108	50	341.8	294.9	1.4	0.04	0.000*	---	5.19	8.144
15227	20623	68108	50	727.5	580.3	1.4	0.04	0.000*	---	9.29	43.817
15228	20627	68108	50	501.1	412.9	1.4	0.04	0.000*	---	6.97	22.146
15229	20629	68108	50	523.3	429.2	1.4	0.04	0.000*	---	7.21	24.318
15230	20632	68108	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.639
15231	20633	68108	50	263.7	237.1	1.4	0.04	0.000*	---	4.27	3.494
15232	20635	68108	50	483.2	399.5	1.4	0.04	0.000*	---	6.78	20.398
15233	20638	68108	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.517
15234	20639	68108	50	322.2	280.5	1.4	0.04	0.000*	---	4.96	6.797
15235	20654	68108	50	740.2	589.8	1.4	0.04	0.000*	---	9.42	44.933
15236	20658	68108	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
15237	20660	68108	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
15238	20664	68108	50	669.7	537.6	1.4	0.04	0.000*	---	8.72	38.57
15239	20671	68108	50	428.6	359.2	1.4	0.04	0.000*	---	6.18	15.276
15240	20676	68108	50	674	540.8	1.4	0.04	0.000*	---	8.77	38.968
15241	20677	68108	50	562.9	458.6	1.4	0.04	0.000*	---	7.63	28.24
15242	20689	68108	50	475.9	394.1	1.4	0.04	0.000*	---	6.7	19.695
15243	20695	68108	50	399.9	337.9	1.4	0.04	0.000*	---	5.86	12.742
15244	20699	68108	50	563.2	458.8	1.4	0.04	0.000*	---	7.63	28.269
15245	20719	68108	50	268.8	240.9	1.4	0.04	0.000*	---	4.33	3.736
15246	20724	68108	50	617.3	498.8	1.4	0.04	0.000*	---	8.19	33.57
15247	20729	68108	50	372.8	317.9	1.4	0.04	0.000*	---	5.55	10.495
15248	20731	68108	50	303.3	266.5	1.4	0.04	0.000*	---	4.74	5.605
15249	20732	68108	50	469.3	389.3	1.4	0.04	0.000*	---	6.63	19.065

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15250	20734	68108	50	393.3	333	1.4	0.04	0.000*	---	5.78	12.177
15251	20736	68108	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
15252	20738	68108	50	402.9	340.2	1.4	0.04	0.000*	---	5.89	13
15253	20740	68108	50	259.1	233.8	1.4	0.04	0.000*	---	4.21	3.285
15254	20741	68108	50	1225.8	949.1	1.4	0.04	0.000*	---	13.73	74.989
15255	20742	68108	50	531.2	435.1	1.4	0.04	0.000*	---	7.29	25.103
15256	20744	68108	50	542.9	443.7	1.4	0.04	0.000*	---	7.42	26.256
15257	20745	68108	50	389.7	330.4	1.4	0.04	0.000*	---	5.74	11.877
15258	20746	68108	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.967
15259	20749	68108	50	281.1	250	1.4	0.04	0.000*	---	4.47	4.356
15260	20750	68108	50	198.4	188.8	1.4	0.04	0.000*	---	3.46	1.206
15261	20752	68108	50	395.3	334.5	1.4	0.04	0.000*	---	5.8	12.347
15262	20755	68108	50	319.8	278.7	1.4	0.04	0.000*	---	4.93	6.639
15263	20758	68108	50	352.4	302.8	1.4	0.04	0.000*	---	5.31	8.919
15264	20766	68108	50	489.4	404.2	1.4	0.04	0.000*	---	6.85	21.003
15265	20771	68108	50	642.9	517.8	1.4	0.04	0.000*	---	8.45	36.039
15266	20778	68108	50	585.8	475.5	1.4	0.04	0.000*	---	7.87	30.498
15267	20780	68108	50	461.7	383.6	1.4	0.04	0.000*	---	6.54	18.341
15268	20782	68108	50	305.3	267.9	1.4	0.04	0.000*	---	4.76	5.723
15269	20784	68108	50	554.3	452.2	1.4	0.04	0.000*	---	7.54	27.387
15270	20785	68108	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.305
15271	20786	68108	50	556.8	454	1.4	0.04	0.000*	---	7.56	27.632
15272	20793	68108	50	517.7	425.1	1.4	0.04	0.000*	---	7.15	23.769
15273	20795	68108	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.186
15274	20799	68108	50	435	363.9	1.4	0.04	0.000*	---	6.25	15.851
15275	20802	68108	50	347.4	299	1.4	0.04	0.000*	---	5.25	8.548
15276	20806	68108	50	502.3	413.7	1.4	0.04	0.000*	---	6.98	22.253
15277	20808	68108	50	446.4	372.3	1.4	0.04	0.000*	---	6.38	16.907
15278	20811	68108	50	765.5	608.5	1.4	0.04	0.000*	---	9.66	47.102
15279	20816	68108	50	412.4	347.1	1.4	0.04	0.000*	---	6	13.822
15280	20818	68108	50	575.3	467.7	1.4	0.04	0.000*	---	7.76	29.457
15281	20822	68108	50	409.3	344.9	1.4	0.04	0.000*	---	5.96	13.55
15282	20827	68108	50	256.3	231.6	1.4	0.04	0.000*	---	4.18	3.159
15283	20831	68108	50	610.2	493.5	1.4	0.04	0.000*	---	8.12	32.883
15284	20832	68108	50	441.2	368.5	1.4	0.04	0.000*	---	6.32	16.42
15285	20835	68108	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.281
15286	20846	68108	50	430	360.2	1.4	0.04	0.000*	---	6.19	15.402
15287	20864	68108	50	1432.5	1102.1	1.4	0.04	0.000*	---	15.35	81.907
15288	20865	68108	50	719.9	574.7	1.4	0.04	0.000*	---	9.22	43.146
15289	20866	68108	50	662.6	532.3	1.4	0.04	0.000*	---	8.65	37.898
15290	20870	68108	50	425.3	356.8	1.4	0.04	0.000*	---	6.14	14.977
15291	20875	68108	50	252.9	229.1	1.4	0.04	0.000*	---	4.14	3.013
15292	20880	68108	50	770.6	612.3	1.4	0.04	0.000*	---	9.71	47.531
15293	20881	68108	50	570.6	464.2	1.4	0.04	0.000*	---	7.71	28.995
15294	20891	68108	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.845
15295	20904	68108	50	561.2	457.3	1.4	0.04	0.000*	---	7.61	28.07
15296	20912	68108	50	707.1	565.3	1.4	0.04	0.000*	---	9.1	42.003
15297	20918	68108	50	298	262.5	1.4	0.04	0.000*	---	4.68	5.289
15298	20922	68108	50	564.8	460	1.4	0.04	0.000*	---	7.65	28.428
15299	20926	68108	50	684.7	548.7	1.4	0.04	0.000*	---	8.87	39.959
15300	20929	68108	50	385	326.9	1.4	0.04	0.000*	---	5.69	11.491
15301	20938	68108	50	739	588.9	1.4	0.04	0.000*	---	9.41	44.83
15302	20939	68108	50	436.4	365	1.4	0.04	0.000*	---	6.26	15.984
15303	20940	68108	50	445	371.3	1.4	0.04	0.000*	---	6.36	16.78
15304	20941	68108	50	421.8	354.1	1.4	0.04	0.000*	---	6.1	14.658
15305	20968	68108	50	383.1	325.5	1.4	0.04	0.000*	---	5.66	11.329
15306	20972	68108	50	374.1	318.8	1.4	0.04	0.000*	---	5.56	10.601
15307	20974	68108	50	268.6	240.8	1.4	0.04	0.000*	---	4.32	3.726
15308	20978	68108	50	190.4	182.9	1.4	0.04	0.000*	---	3.37	1.024
15309	20979	68108	50	524.4	430	1.4	0.04	0.000*	---	7.22	24.428
15310	20981	68108	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.938

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15311	20982	68108	50	914.3	718.6	1.4	0.04	0.000*	---	11.05	58.447
15312	20988	68108	50	259.1	233.8	1.4	0.04	0.000*	---	4.21	3.286
15313	20989	68108	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.336
15314	20991	68108	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.217
15315	20992	68108	50	967.6	758	1.4	0.04	0.000*	---	11.53	61.926
15316	20996	68108	50	75.2	97.6	1.4	0.04	0.000*	---	1.88	0.019
15317	20998	68108	50	496.9	409.7	1.4	0.04	0.000*	---	6.93	21.735
15318	21003	68108	50	124.5	134.2	1.4	0.04	0.000*	---	2.53	0.17
15319	21004	68108	50	311.9	272.8	1.4	0.04	0.000*	---	4.84	6.133
15320	21006	68108	50	487.1	402.4	1.4	0.04	0.000*	---	6.82	20.775
15321	21017	68108	50	1186.1	919.7	1.4	0.04	0.000*	---	13.4	73.344
15322	21026	68108	50	372.6	317.7	1.4	0.04	0.000*	---	5.55	10.481
15323	21030	68108	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
15324	21039	68108	50	87.5	106.7	1.4	0.04	0.000*	---	2.04	0.036
15325	21044	68108	50	47.2	76.9	1.4	0.04	0.000*	---	1.5	0.003
15326	21063	68108	50	502	413.5	1.4	0.04	0.000*	---	6.98	22.233
15327	21084	68108	50	36.3	68.9	1.4	0.04	0.000*	---	1.35	0.001
15328	21091	68108	50	608.5	492.3	1.4	0.04	0.000*	---	8.1	32.718
15329	21103	68108	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
15330	21118	68108	50	535.7	438.4	1.4	0.04	0.000*	---	7.34	25.548
15331	21121	68108	50	66.8	91.4	1.4	0.04	0.000*	---	1.76	0.011
15332	21123	68108	50	60.6	86.8	1.4	0.04	0.000*	---	1.68	0.007
15333	21126	68108	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
15334	21127	68108	50	323	281	1.4	0.04	0.000*	---	4.97	6.849
15335	21128	68108	50	435.1	364	1.4	0.04	0.000*	---	6.25	15.868
15336	21131	68108	50	339.1	293	1.4	0.04	0.000*	---	5.16	7.956
15337	21134	68108	50	436.9	365.3	1.4	0.04	0.000*	---	6.27	16.031
15338	21135	68108	50	808	640	1.4	0.04	0.000*	---	10.07	50.591
15339	21142	68108	50	538.1	440.2	1.4	0.04	0.000*	---	7.37	25.787
15340	21145	68108	50	529	433.5	1.4	0.04	0.000*	---	7.27	24.887
15341	21146	68108	50	469	389.1	1.4	0.04	0.000*	---	6.62	19.037
15342	21154	68108	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.047
15343	21155	68108	50	758.9	603.6	1.4	0.04	0.000*	---	9.6	46.54
15344	21156	68108	50	751.6	598.2	1.4	0.04	0.000*	---	9.53	45.916
15345	21157	68108	50	723.5	577.4	1.4	0.04	0.000*	---	9.26	43.466
15346	21161	68108	50	583.2	473.6	1.4	0.04	0.000*	---	7.84	30.242
15347	21168	68108	50	574.8	467.3	1.4	0.04	0.000*	---	7.75	29.41
15348	21172	68108	50	723.4	577.3	1.4	0.04	0.000*	---	9.26	43.461
15349	21175	68108	50	452.8	377	1.4	0.04	0.000*	---	6.45	17.5
15350	21181	68108	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.028
15351	21184	68108	50	172.3	169.5	1.4	0.04	0.000*	---	3.14	0.681
15352	21188	68108	50	706.3	564.6	1.4	0.04	0.000*	---	9.09	41.926
15353	21190	68108	50	360.9	309.1	1.4	0.04	0.000*	---	5.41	9.565
15354	21197	68108	50	642.5	517.5	1.4	0.04	0.000*	---	8.45	35.998
15355	21199	68108	50	537.9	440	1.4	0.04	0.000*	---	7.36	25.76
15356	21217	68108	50	234.9	215.9	1.4	0.04	0.000*	---	3.92	2.304
15357	21224	68108	50	419.8	352.7	1.4	0.04	0.000*	---	6.08	14.483
15358	21227	68108	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.389
15359	21234	68108	50	481.4	398.2	1.4	0.04	0.000*	---	6.76	20.222
15360	21235	68108	50	686	549.7	1.4	0.04	0.000*	---	8.89	40.082
15361	21236	68108	50	400.1	338.1	1.4	0.04	0.000*	---	5.86	12.757
15362	21238	68108	50	412.4	347.2	1.4	0.04	0.000*	---	6	13.828
15363	21240	68108	50	367.6	314.1	1.4	0.04	0.000*	---	5.49	10.089
15364	21242	68108	50	472.9	392	1.4	0.04	0.000*	---	6.67	19.411
15365	21245	68108	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
15366	21246	68108	50	348	299.5	1.4	0.04	0.000*	---	5.26	8.596
15367	21250	68108	50	525.1	430.5	1.4	0.04	0.000*	---	7.23	24.496
15368	21253	68108	50	815	645.1	1.4	0.04	0.000*	---	10.14	51.144
15369	21255	68108	50	26	61.2	1.4	0.04	0.000*	---	1.21	0
15370	21256	68108	50	30.4	64.5	1.4	0.04	0.000*	---	1.27	0.001
15371	21284	68108	50	474.5	393.2	1.4	0.04	0.000*	---	6.68	19.567

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15372	21291	68108	50	26.7	61.8	1.4	0.04	0.000*	---	1.22	0
15373	21292	68108	50	41.4	72.6	1.4	0.04	0.000*	---	1.42	0.002
15374	21353	68108	50	39	70.9	1.4	0.04	0.000*	---	1.39	0.001
15375	21357	68108	50	31.2	65.1	1.4	0.04	0.000*	---	1.28	0.001
15376	21359	68108	50	88.3	107.4	1.4	0.04	0.000*	---	2.05	0.037
15377	21363	68108	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
15378	21370	68108	50	58.2	85.1	1.4	0.04	0.000*	---	1.65	0.006
15379	21383	68108	50	81.9	102.7	1.4	0.04	0.000*	---	1.97	0.027
15380	21389	68108	50	700.9	560.7	1.4	0.04	0.000*	---	9.03	41.442
15381	21392	68108	50	28.2	62.9	1.4	0.04	0.000*	---	1.24	0
15382	21395	68108	50	429.7	360	1.4	0.04	0.000*	---	6.19	15.37
15383	21398	68108	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.891
15384	21400	68108	50	289.1	256	1.4	0.04	0.000*	---	4.57	4.788
15385	21401	68108	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
15386	21406	68108	50	475.2	393.7	1.4	0.04	0.000*	---	6.69	19.632
15387	21407	68108	50	42	73.1	1.4	0.04	0.000*	---	1.43	0.002
15388	21413	68108	50	514.6	422.8	1.4	0.04	0.000*	---	7.12	23.468
15389	21416	68108	50	88.2	107.2	1.4	0.04	0.000*	---	2.05	0.037
15390	21422	68108	50	32.9	66.3	1.4	0.04	0.000*	---	1.31	0.001
15391	21428	68108	50	416.3	350.1	1.4	0.04	0.000*	---	6.04	14.172
15392	21432	68108	50	634.3	511.4	1.4	0.04	0.000*	---	8.37	35.209
15393	21437	68108	50	320.8	279.4	1.4	0.04	0.000*	---	4.94	6.702
15394	21441	68108	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.212
15395	21442	68108	50	353.6	303.7	1.4	0.04	0.000*	---	5.33	9.011
15396	21452	68108	50	26.7	61.8	1.4	0.04	0.000*	---	1.22	0
15397	21456	68108	50	489	403.8	1.4	0.04	0.000*	---	6.84	20.96
15398	21461	68108	50	445.6	371.8	1.4	0.04	0.000*	---	6.37	16.836
15399	21463	68108	50	576	468.2	1.4	0.04	0.000*	---	7.77	29.526
15400	21502	68108	50	339.6	293.3	1.4	0.04	0.000*	---	5.16	7.989
15401	21506	68108	50	481.1	398	1.4	0.04	0.000*	---	6.76	20.199
15402	21508	68108	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
15403	21510	68108	50	697.5	558.2	1.4	0.04	0.000*	---	9	41.136
15404	21512	68108	50	440.3	367.8	1.4	0.04	0.000*	---	6.31	16.344
15405	21514	68108	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
15406	21518	68108	50	441.8	368.9	1.4	0.04	0.000*	---	6.32	16.48
15407	21522	68108	50	684.8	548.7	1.4	0.04	0.000*	---	8.87	39.964
15408	21526	68108	50	471.2	390.7	1.4	0.04	0.000*	---	6.65	19.249
15409	21534	68108	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.877
15410	21554	68108	50	416.9	350.5	1.4	0.04	0.000*	---	6.05	14.218
15411	21556	68108	50	470.2	390	1.4	0.04	0.000*	---	6.64	19.153
15412	21569	68108	50	668.2	536.4	1.4	0.04	0.000*	---	8.71	38.423
15413	21572	68108	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.96
15414	21573	68108	50	433	362.4	1.4	0.04	0.000*	---	6.23	15.669
15415	21575	68108	50	661.5	531.5	1.4	0.04	0.000*	---	8.64	37.8
15416	21582	68108	50	308.8	270.5	1.4	0.04	0.000*	---	4.8	5.941
15417	21599	68108	50	435.8	364.5	1.4	0.04	0.000*	---	6.26	15.926
15418	21620	68108	50	1041.6	812.8	1.4	0.04	0.000*	---	12.18	66.284
15419	21627	68108	50	629.5	507.8	1.4	0.04	0.000*	---	8.32	34.751
15420	21635	68108	50	232.6	214.1	1.4	0.04	0.000*	---	3.89	2.22
15421	21642	68108	50	494	407.5	1.4	0.04	0.000*	---	6.89	21.446
15422	21659	68108	50	520.8	427.4	1.4	0.04	0.000*	---	7.18	24.079
15423	21664	68108	50	152	154.5	1.4	0.04	0.000*	---	2.88	0.403
15424	21668	68108	50	364.8	311.9	1.4	0.04	0.000*	---	5.46	9.864
15425	21671	68108	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.192
15426	21717	68108	50	396.1	335.1	1.4	0.04	0.000*	---	5.81	12.414
15427	21729	68108	50	262.4	236.1	1.4	0.04	0.000*	---	4.25	3.431
15428	21732	68108	50	411.5	346.5	1.4	0.04	0.000*	---	5.99	13.742
15429	21741	68108	50	319	278	1.4	0.04	0.000*	---	4.92	6.583
15430	21756	68108	50	465.7	386.6	1.4	0.04	0.000*	---	6.59	18.72
15431	21765	68108	50	706.1	564.5	1.4	0.04	0.000*	---	9.09	41.912
15432	21767	68108	50	654.8	526.6	1.4	0.04	0.000*	---	8.57	37.17

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15433	21771	68108	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
15434	21785	68108	50	541	442.3	1.4	0.04	0.000*	---	7.4	26.07
15435	21791	68108	50	597.7	484.3	1.4	0.04	0.000*	---	7.99	31.663
15436	21792	68108	50	408.7	344.5	1.4	0.04	0.000*	---	5.96	13.505
15437	21798	68108	50	455	378.7	1.4	0.04	0.000*	---	6.47	17.709
15438	21805	68108	50	270.6	242.3	1.4	0.04	0.000*	---	4.35	3.823
15439	21830	68108	50	433.7	363	1.4	0.04	0.000*	---	6.23	15.737
15440	21839	68108	50	391.8	331.9	1.4	0.04	0.000*	---	5.76	12.052
15441	21846	68108	50	1277.7	987.5	1.4	0.04	0.000*	---	14.15	76.971
15442	21848	68108	50	296	261	1.4	0.04	0.000*	---	4.65	5.175
15443	21856	68108	50	688.4	551.4	1.4	0.04	0.000*	---	8.91	40.296
15444	21863	68108	50	400.3	338.2	1.4	0.04	0.000*	---	5.86	12.775
15445	21876	68108	50	297.2	261.9	1.4	0.04	0.000*	---	4.67	5.244
15446	21886	68108	50	552.1	450.6	1.4	0.04	0.000*	---	7.52	27.171
15447	21897	68108	50	474.9	393.4	1.4	0.04	0.000*	---	6.69	19.597
15448	21905	68108	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.321
15449	21917	68108	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.755
15450	21920	68108	50	292.2	258.3	1.4	0.04	0.000*	---	4.61	4.96
15451	21940	68108	50	450	375	1.4	0.04	0.000*	---	6.41	17.24
15452	21945	68108	50	749.6	596.7	1.4	0.04	0.000*	---	9.51	45.747
15453	21947	68108	50	283.6	251.8	1.4	0.04	0.000*	---	4.5	4.485
15454	21955	68108	50	427.6	358.4	1.4	0.04	0.000*	---	6.17	15.18
15455	21959	68108	50	338.5	292.5	1.4	0.04	0.000*	---	5.15	7.908
15456	21972	68108	50	646.7	520.6	1.4	0.04	0.000*	---	8.49	36.398
15457	21992	68108	50	271.9	243.2	1.4	0.04	0.000*	---	4.36	3.887
15458	22003	68108	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.595
15459	22059	68108	50	476.2	394.4	1.4	0.04	0.000*	---	6.7	19.729
15460	22063	68108	50	767.1	609.7	1.4	0.04	0.000*	---	9.68	47.235
15461	22066	68108	50	615.7	497.6	1.4	0.04	0.000*	---	8.18	33.419
15462	22068	68108	50	665.1	534.2	1.4	0.04	0.000*	---	8.68	38.133
15463	22082	68108	50	368.9	315	1.4	0.04	0.000*	---	5.5	10.184
15464	22086	68108	50	616.2	498	1.4	0.04	0.000*	---	8.18	33.463
15465	22095	68108	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.163
15466	22108	68108	50	552.4	450.8	1.4	0.04	0.000*	---	7.52	27.199
15467	22111	68108	50	819.2	648.2	1.4	0.04	0.000*	---	10.17	51.47
15468	22116	68108	50	411.7	346.7	1.4	0.04	0.000*	---	5.99	13.766
15469	22118	68108	50	456.8	380	1.4	0.04	0.000*	---	6.49	17.878
15470	22126	68108	50	575.4	467.8	1.4	0.04	0.000*	---	7.76	29.474
15471	22136	68108	50	486.2	401.8	1.4	0.04	0.000*	---	6.81	20.694
15472	22166	68108	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.652
15473	22176	68108	50	454.9	378.6	1.4	0.04	0.000*	---	6.47	17.698
15474	22201	68108	50	189.9	182.6	1.4	0.04	0.000*	---	3.36	1.013
15475	22203	68108	50	259.2	233.8	1.4	0.04	0.000*	---	4.21	3.287
15476	22236	68108	50	281.5	250.3	1.4	0.04	0.000*	---	4.48	4.377
15477	22256	68108	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.196
15478	22263	68108	50	293	258.8	1.4	0.04	0.000*	---	4.62	5.002
15479	22265	68108	50	184.4	178.5	1.4	0.04	0.000*	---	3.29	0.9
15480	22282	68108	50	562	457.9	1.4	0.04	0.000*	---	7.62	28.145
15481	22283	68108	50	460	382.4	1.4	0.04	0.000*	---	6.53	18.187
15482	22294	68108	50	399.8	337.8	1.4	0.04	0.000*	---	5.85	12.728
15483	22296	68108	50	1824.1	1391.8	1.4	0.04	0.000*	---	18.16	89.776
15484	22304	68108	50	351.6	302.2	1.4	0.04	0.000*	---	5.3	8.862
15485	22306	68108	50	438.4	366.4	1.4	0.04	0.000*	---	6.29	16.165
15486	22308	68108	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
15487	34290	68108	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.341
15488	49149	68108	50	525.8	431.1	1.4	0.04	0.000*	---	7.24	24.571
15489	49254	68108	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.397
15490	49256	68108	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
15491	49264	68108	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
15492	49265	68108	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
15493	49268	68108	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15494	49269	68108	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
15495	49270	68108	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064
15496	49277	68108	50	672.2	539.4	1.4	0.04	0.000*	---	8.75	38.802
15497	50449	68108	50	109.3	122.9	1.4	0.04	0.000*	---	2.33	0.096
15498	50450	68108	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
15499	50451	68108	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
15500	50452	68108	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.06
15501	50453	68108	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
15502	50454	68108	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
15503	50455	68108	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246
15504	50456	68108	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
15505	50457	68108	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.129
15506	50458	68108	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221
15507	50459	68108	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
15508	50460	68108	50	81.4	102.3	1.4	0.04	0.000*	---	1.96	0.026
15509	50461	68108	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
15510	50462	68108	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
15511	50463	68108	50	80.9	101.9	1.4	0.04	0.000*	---	1.95	0.026
15512	50464	68108	50	72.1	95.3	1.4	0.04	0.000*	---	1.83	0.015
15513	50465	68108	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
15514	50466	68108	50	93.2	111	1.4	0.04	0.000*	---	2.12	0.048
15515	50467	68108	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
15516	50468	68108	50	93.1	110.9	1.4	0.04	0.000*	---	2.11	0.047
15517	50469	68108	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
15518	50470	68108	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
15519	50472	68108	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
15520	50486	68108	50	248.5	225.9	1.4	0.04	0.000*	---	4.08	2.827
15521	50518	68108	50	435.5	364.3	1.4	0.04	0.000*	---	6.25	15.9
15522	50523	68108	50	487.7	402.9	1.4	0.04	0.000*	---	6.83	20.839
15523	50524	68108	50	1080.2	841.3	1.4	0.04	0.000*	---	12.52	68.344
15524	50525	68108	50	2198.4	1668.8	1.4	0.04	0.000*	---	20.57	93.755
15525	50526	68108	50	987.1	772.4	1.4	0.04	0.000*	---	11.71	63.127
15526	50529	68108	50	444.6	371	1.4	0.04	0.000*	---	6.36	16.743
15527	50530	68108	50	345.6	297.8	1.4	0.04	0.000*	---	5.23	8.423
15528	50532	68108	50	484.5	400.5	1.4	0.04	0.000*	---	6.79	20.523
15529	50562	68108	50	760.2	604.6	1.4	0.04	0.000*	---	9.61	46.653
15530	50568	68108	50	597.2	483.9	1.4	0.04	0.000*	---	7.99	31.615
15531	50577	68108	50	420.2	352.9	1.4	0.04	0.000*	---	6.08	14.514
15532	50596	68108	50	344.8	297.2	1.4	0.04	0.000*	---	5.23	8.362
15533	50623	68108	50	486.5	402	1.4	0.04	0.000*	---	6.81	20.725
15534	50624	68108	50	473.3	392.2	1.4	0.04	0.000*	---	6.67	19.445
15535	50651	68108	50	570.7	464.3	1.4	0.04	0.000*	---	7.71	29.008
15536	50652	68108	50	387.2	328.5	1.4	0.04	0.000*	---	5.71	11.67
15537	50674	68108	50	561.8	457.7	1.4	0.04	0.000*	---	7.62	28.125
15538	52419	68108	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.657
15539	52420	68108	50	558.3	455.1	1.4	0.04	0.000*	---	7.58	27.776
15540	62914	68108	50	270.5	242.2	1.4	0.04	0.000*	---	4.35	3.82
15541	62915	68108	50	1907	1453.2	1.4	0.04	0.000*	---	18.71	90.874
15542	64162	68108	50	301.9	265.4	1.4	0.04	0.000*	---	4.72	5.521
15543	64395	68108	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
15544	74005	68108	50	152	154.5	1.4	0.04	0.000*	---	2.88	0.403
15545	74047	68108	50	356.5	305.8	1.4	0.04	0.000*	---	5.36	9.225
15546	74643	68108	50	229.8	212.1	1.4	0.04	0.000*	---	3.85	2.123
15547	75056	68108	50	217.8	203.1	1.4	0.04	0.000*	---	3.7	1.731
15548	75057	68108	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
15549	79306	68108	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.063
15550	84762	68108	50	468.7	388.8	1.4	0.04	0.000*	---	6.62	19.007
15551	87492	68108	50	220.2	204.9	1.4	0.04	0.000*	---	3.73	1.806
15552	87917	68108	50	231	213	1.4	0.04	0.000*	---	3.87	2.165
15553	87919	68108	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.912
15554	87989	68108	50	579.6	470.9	1.4	0.04	0.000*	---	7.8	29.88

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15555	87990	68108	50	576.7	468.7	1.4	0.04	0.000*	---	7.77	29.595
15556	87999	68108	50	311.6	272.6	1.4	0.04	0.000*	---	4.84	6.116
15557	88000	68108	50	437.9	366.1	1.4	0.04	0.000*	---	6.28	16.122
15558	88001	68108	50	653.3	525.4	1.4	0.04	0.000*	---	8.56	37.021
15559	88002	68108	50	759.7	604.2	1.4	0.04	0.000*	---	9.61	46.611
15560	88003	68108	50	335	289.9	1.4	0.04	0.000*	---	5.11	7.662
15561	88004	68108	50	478.6	396.2	1.4	0.04	0.000*	---	6.73	19.96
15562	88005	68108	50	914.5	718.7	1.4	0.04	0.000*	---	11.06	58.457
15563	88015	68108	50	355.3	304.9	1.4	0.04	0.000*	---	5.35	9.137
15564	88031	68108	50	704.4	563.3	1.4	0.04	0.000*	---	9.07	41.758
15565	88078	68108	50	520.8	427.4	1.4	0.04	0.000*	---	7.18	24.079
15566	88959	68108	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
15567	89283	68108	50	1015.5	793.5	1.4	0.04	0.000*	---	11.96	64.812
15568	89842	68108	50	478.2	395.9	1.4	0.04	0.000*	---	6.72	19.921
15569	90091	68108	50	220.8	205.4	1.4	0.04	0.000*	---	3.74	1.825
15570	90092	68108	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.822
15571	90093	68108	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
15572	90094	68108	50	106.5	120.8	1.4	0.04	0.000*	---	2.29	0.085
15573	90096	68108	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
15574	90097	68108	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.016
15575	90529	68108	50	100.5	116.4	1.4	0.04	0.000*	---	2.21	0.066
15576	90599	68108	50	151.7	154.3	1.4	0.04	0.000*	---	2.87	0.4
15577	90600	68108	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
15578	90601	68108	50	107.6	121.7	1.4	0.04	0.000*	---	2.3	0.09
15579	90602	68108	50	105.6	120.1	1.4	0.04	0.000*	---	2.28	0.082
15580	91071	68108	50	898.8	707.1	1.4	0.04	0.000*	---	10.91	57.376
15581	91096	68108	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.99
15582	91300	68108	50	280.5	249.6	1.4	0.04	0.000*	---	4.47	4.323
15583	91313	68108	50	574.3	466.9	1.4	0.04	0.000*	---	7.75	29.357
15584	91531	68108	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.047
15585	92372	68108	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.331
15586	92680	68108	50	715.7	571.6	1.4	0.04	0.000*	---	9.18	42.773
15587	93003	68108	50	938.3	736.3	1.4	0.04	0.000*	---	11.27	60.049
15588	93004	68108	50	560.2	456.5	1.4	0.04	0.000*	---	7.6	27.967
15589	93005	68108	50	431.3	361.1	1.4	0.04	0.000*	---	6.21	15.515
15590	93006	68108	50	596.4	483.3	1.4	0.04	0.000*	---	7.98	31.531
15591	93007	68108	50	554.5	452.4	1.4	0.04	0.000*	---	7.54	27.41
15592	93008	68108	50	550.4	449.3	1.4	0.04	0.000*	---	7.5	27.002
15593	93009	68108	50	559.4	455.9	1.4	0.04	0.000*	---	7.59	27.887
15594	93010	68108	50	387.3	328.6	1.4	0.04	0.000*	---	5.71	11.674
15595	93031	68108	50	710.2	567.5	1.4	0.04	0.000*	---	9.13	42.277
15596	93094	68108	50	485.8	401.5	1.4	0.04	0.000*	---	6.81	20.652
15597	93133	68108	50	84.6	104.6	1.4	0.04	0.000*	---	2	0.031
15598	93152	68108	50	689.3	552.1	1.4	0.04	0.000*	---	8.92	40.385
15599	93214	68108	50	562.3	458.1	1.4	0.04	0.000*	---	7.62	28.18
15600	93455	68108	50	294.4	259.8	1.4	0.04	0.000*	---	4.63	5.081
15601	93474	68108	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.612
15602	93475	68108	50	411.8	346.7	1.4	0.04	0.000*	---	5.99	13.771
15603	93494	68108	50	715.4	571.4	1.4	0.04	0.000*	---	9.18	42.746
15604	93496	68108	50	348.6	300	1.4	0.04	0.000*	---	5.27	8.643
15605	93497	68108	50	448.2	373.6	1.4	0.04	0.000*	---	6.39	17.072
15606	93520	68108	50	536.8	439.3	1.4	0.04	0.000*	---	7.35	25.66
15607	93521	68108	50	480.8	397.8	1.4	0.04	0.000*	---	6.75	20.165
15608	93522	68108	50	587.3	476.6	1.4	0.04	0.000*	---	7.88	30.643
15609	93579	68108	50	1310.2	1011.5	1.4	0.04	0.000*	---	14.4	78.121
15610	152	68110	50	691.4	553.6	1.4	0.04	0.000*	---	8.94	40.573
15611	155	68110	50	570.1	463.9	1.4	0.04	0.000*	---	7.7	28.944
15612	165	68110	50	633.1	510.5	1.4	0.04	0.000*	---	8.35	35.1
15613	186	68110	50	317	276.6	1.4	0.04	0.000*	---	4.9	6.455
15614	191	68110	50	485	400.9	1.4	0.04	0.000*	---	6.8	20.572
15615	192	68110	50	514.3	422.6	1.4	0.04	0.000*	---	7.11	23.441

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15616	193	68110	50	647.7	521.3	1.4	0.04	0.000*	---	8.5	36.491
15617	196	68110	50	448.3	373.7	1.4	0.04	0.000*	---	6.4	17.079
15618	198	68110	50	625.9	505.1	1.4	0.04	0.000*	---	8.28	34.402
15619	203	68110	50	587.3	476.6	1.4	0.04	0.000*	---	7.88	30.64
15620	204	68110	50	657.4	528.5	1.4	0.04	0.000*	---	8.6	37.409
15621	206	68110	50	399.5	337.6	1.4	0.04	0.000*	---	5.85	12.709
15622	209	68110	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.182
15623	210	68110	50	330.8	286.8	1.4	0.04	0.000*	---	5.06	7.373
15624	211	68110	50	382.4	325	1.4	0.04	0.000*	---	5.66	11.271
15625	212	68110	50	586	475.6	1.4	0.04	0.000*	---	7.87	30.516
15626	217	68110	50	529.1	433.5	1.4	0.04	0.000*	---	7.27	24.897
15627	226	68110	50	829.5	655.8	1.4	0.04	0.000*	---	10.27	52.279
15628	232	68110	50	430.3	360.4	1.4	0.04	0.000*	---	6.2	15.428
15629	233	68110	50	280.1	249.3	1.4	0.04	0.000*	---	4.46	4.301
15630	234	68110	50	444.7	371.1	1.4	0.04	0.000*	---	6.36	16.746
15631	235	68110	50	504.1	415	1.4	0.04	0.000*	---	7	22.434
15632	236	68110	50	569.2	463.2	1.4	0.04	0.000*	---	7.69	28.857
15633	238	68110	50	536.4	438.9	1.4	0.04	0.000*	---	7.35	25.612
15634	239	68110	50	304.8	267.5	1.4	0.04	0.000*	---	4.76	5.694
15635	241	68110	50	466.8	387.4	1.4	0.04	0.000*	---	6.6	18.829
15636	242	68110	50	393.1	332.9	1.4	0.04	0.000*	---	5.78	12.164
15637	244	68110	50	518	425.3	1.4	0.04	0.000*	---	7.15	23.803
15638	246	68110	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.401
15639	248	68110	50	460.4	382.7	1.4	0.04	0.000*	---	6.53	18.221
15640	252	68110	50	271.9	243.2	1.4	0.04	0.000*	---	4.36	3.886
15641	253	68110	50	343.5	296.2	1.4	0.04	0.000*	---	5.21	8.265
15642	289	68110	50	263.3	236.9	1.4	0.04	0.000*	---	4.26	3.477
15643	290	68110	50	332	287.7	1.4	0.04	0.000*	---	5.08	7.458
15644	292	68110	50	366	312.8	1.4	0.04	0.000*	---	5.47	9.959
15645	294	68110	50	419.5	352.4	1.4	0.04	0.000*	---	6.08	14.451
15646	299	68110	50	251	227.8	1.4	0.04	0.000*	---	4.11	2.933
15647	301	68110	50	826.8	653.8	1.4	0.04	0.000*	---	10.25	52.063
15648	302	68110	50	437.3	365.6	1.4	0.04	0.000*	---	6.27	16.067
15649	303	68110	50	315	275.1	1.4	0.04	0.000*	---	4.88	6.327
15650	304	68110	50	656	527.5	1.4	0.04	0.000*	---	8.59	37.283
15651	306	68110	50	301.1	264.8	1.4	0.04	0.000*	---	4.71	5.474
15652	309	68110	50	568.8	462.9	1.4	0.04	0.000*	---	7.69	28.815
15653	312	68110	50	413.9	348.3	1.4	0.04	0.000*	---	6.01	13.954
15654	313	68110	50	486.7	402.1	1.4	0.04	0.000*	---	6.82	20.736
15655	314	68110	50	745.7	593.8	1.4	0.04	0.000*	---	9.47	45.412
15656	316	68110	50	709.6	567.1	1.4	0.04	0.000*	---	9.12	42.226
15657	317	68110	50	337.4	291.6	1.4	0.04	0.000*	---	5.14	7.83
15658	320	68110	50	485.8	401.5	1.4	0.04	0.000*	---	6.81	20.651
15659	321	68110	50	522.2	428.4	1.4	0.04	0.000*	---	7.2	24.215
15660	322	68110	50	322.3	280.5	1.4	0.04	0.000*	---	4.96	6.801
15661	324	68110	50	304	267	1.4	0.04	0.000*	---	4.75	5.647
15662	325	68110	50	524.6	430.2	1.4	0.04	0.000*	---	7.22	24.447
15663	326	68110	50	703.9	562.9	1.4	0.04	0.000*	---	9.06	41.71
15664	329	68110	50	292.9	258.8	1.4	0.04	0.000*	---	4.62	4.999
15665	333	68110	50	1076.1	838.3	1.4	0.04	0.000*	---	12.48	68.134
15666	334	68110	50	324.4	282.1	1.4	0.04	0.000*	---	4.99	6.941
15667	335	68110	50	311.3	272.4	1.4	0.04	0.000*	---	4.83	6.095
15668	342	68110	50	407.1	343.3	1.4	0.04	0.000*	---	5.94	13.362
15669	345	68110	50	384.1	326.3	1.4	0.04	0.000*	---	5.68	11.415
15670	348	68110	50	590.7	479.1	1.4	0.04	0.000*	---	7.92	30.979
15671	352	68110	50	256	231.5	1.4	0.04	0.000*	---	4.17	3.148
15672	358	68110	50	343.9	296.5	1.4	0.04	0.000*	---	5.21	8.3
15673	361	68110	50	574.2	466.9	1.4	0.04	0.000*	---	7.75	29.349
15674	364	68110	50	540.5	442	1.4	0.04	0.000*	---	7.39	26.025
15675	365	68110	50	196.4	187.3	1.4	0.04	0.000*	---	3.44	1.157
15676	368	68110	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.839

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15677	369	68110	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
15678	370	68110	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.01
15679	373	68110	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
15680	374	68110	50	830.4	656.5	1.4	0.04	0.000*	---	10.28	52.346
15681	376	68110	50	359.5	308	1.4	0.04	0.000*	---	5.39	9.459
15682	378	68110	50	254.4	230.2	1.4	0.04	0.000*	---	4.15	3.076
15683	379	68110	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
15684	382	68110	50	518.9	426	1.4	0.04	0.000*	---	7.16	23.891
15685	383	68110	50	730	582.2	1.4	0.04	0.000*	---	9.32	44.04
15686	387	68110	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.062
15687	390	68110	50	407.5	343.5	1.4	0.04	0.000*	---	5.94	13.393
15688	392	68110	50	230.4	212.5	1.4	0.04	0.000*	---	3.86	2.143
15689	395	68110	50	504.8	415.5	1.4	0.04	0.000*	---	7.01	22.503
15690	396	68110	50	466	386.8	1.4	0.04	0.000*	---	6.59	18.75
15691	398	68110	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.433
15692	400	68110	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.264
15693	403	68110	50	138.4	144.5	1.4	0.04	0.000*	---	2.7	0.27
15694	404	68110	50	339.6	293.3	1.4	0.04	0.000*	---	5.16	7.986
15695	405	68110	50	215.2	201.3	1.4	0.04	0.000*	---	3.67	1.655
15696	407	68110	50	261.3	235.4	1.4	0.04	0.000*	---	4.24	3.384
15697	412	68110	50	443.7	370.4	1.4	0.04	0.000*	---	6.35	16.657
15698	416	68110	50	829.5	655.8	1.4	0.04	0.000*	---	10.27	52.279
15699	419	68110	50	265.5	238.5	1.4	0.04	0.000*	---	4.29	3.579
15700	422	68110	50	855.9	675.3	1.4	0.04	0.000*	---	10.52	54.281
15701	423	68110	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.171
15702	424	68110	50	296.2	261.2	1.4	0.04	0.000*	---	4.65	5.187
15703	425	68110	50	382	324.6	1.4	0.04	0.000*	---	5.65	11.237
15704	426	68110	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.964
15705	430	68110	50	503.1	414.3	1.4	0.04	0.000*	---	6.99	22.338
15706	431	68110	50	378.7	322.2	1.4	0.04	0.000*	---	5.61	10.971
15707	432	68110	50	952.3	746.7	1.4	0.04	0.000*	---	11.4	60.962
15708	433	68110	50	360.4	308.7	1.4	0.04	0.000*	---	5.41	9.527
15709	435	68110	50	206.4	194.7	1.4	0.04	0.000*	---	3.56	1.407
15710	436	68110	50	434.6	363.6	1.4	0.04	0.000*	---	6.24	15.82
15711	437	68110	50	488.4	403.4	1.4	0.04	0.000*	---	6.83	20.9
15712	439	68110	50	337.4	291.7	1.4	0.04	0.000*	---	5.14	7.833
15713	445	68110	50	228.5	211.1	1.4	0.04	0.000*	---	3.84	2.077
15714	446	68110	50	107.2	121.3	1.4	0.04	0.000*	---	2.3	0.088
15715	447	68110	50	103.3	118.4	1.4	0.04	0.000*	---	2.25	0.075
15716	448	68110	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.327
15717	450	68110	50	577.3	469.2	1.4	0.04	0.000*	---	7.78	29.66
15718	451	68110	50	657.3	528.4	1.4	0.04	0.000*	---	8.6	37.403
15719	454	68110	50	738.6	588.5	1.4	0.04	0.000*	---	9.4	44.79
15720	456	68110	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.75
15721	457	68110	50	242.5	221.4	1.4	0.04	0.000*	---	4.01	2.588
15722	459	68110	50	271.7	243.1	1.4	0.04	0.000*	---	4.36	3.878
15723	461	68110	50	314.7	274.9	1.4	0.04	0.000*	---	4.87	6.308
15724	463	68110	50	705.5	564.1	1.4	0.04	0.000*	---	9.08	41.857
15725	464	68110	50	734.8	585.8	1.4	0.04	0.000*	---	9.37	44.464
15726	466	68110	50	529.2	433.6	1.4	0.04	0.000*	---	7.27	24.903
15727	471	68110	50	243.6	222.3	1.4	0.04	0.000*	---	4.02	2.633
15728	472	68110	50	190.8	183.2	1.4	0.04	0.000*	---	3.37	1.031
15729	475	68110	50	390	330.6	1.4	0.04	0.000*	---	5.74	11.905
15730	480	68110	50	542.6	443.5	1.4	0.04	0.000*	---	7.41	26.224
15731	481	68110	50	543.6	444.3	1.4	0.04	0.000*	---	7.43	26.328
15732	482	68110	50	573.5	466.4	1.4	0.04	0.000*	---	7.74	29.286
15733	486	68110	50	300.6	264.4	1.4	0.04	0.000*	---	4.71	5.442
15734	488	68110	50	716.5	572.2	1.4	0.04	0.000*	---	9.19	42.846
15735	489	68110	50	349.3	300.5	1.4	0.04	0.000*	---	5.28	8.692
15736	491	68110	50	656.7	527.9	1.4	0.04	0.000*	---	8.59	37.343
15737	497	68110	50	208.3	196.1	1.4	0.04	0.000*	---	3.59	1.459

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15738	499	68110	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.681
15739	504	68110	50	360.6	308.9	1.4	0.04	0.000*	---	5.41	9.544
15740	508	68110	50	194.2	185.7	1.4	0.04	0.000*	---	3.41	1.107
15741	509	68110	50	550.1	449.1	1.4	0.04	0.000*	---	7.49	26.973
15742	510	68110	50	348.6	300	1.4	0.04	0.000*	---	5.27	8.643
15743	516	68110	50	273.1	244.1	1.4	0.04	0.000*	---	4.38	3.947
15744	517	68110	50	241	220.4	1.4	0.04	0.000*	---	3.99	2.532
15745	520	68110	50	397.5	336.1	1.4	0.04	0.000*	---	5.83	12.531
15746	529	68110	50	339.6	293.3	1.4	0.04	0.000*	---	5.16	7.986
15747	538	68110	50	562.4	458.1	1.4	0.04	0.000*	---	7.62	28.183
15748	608	68110	50	400.4	338.3	1.4	0.04	0.000*	---	5.86	12.787
15749	611	68110	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.493
15750	619	68110	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
15751	621	68110	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
15752	650	68110	50	381.6	324.4	1.4	0.04	0.000*	---	5.65	11.207
15753	721	68110	50	1067.4	831.9	1.4	0.04	0.000*	---	12.41	67.678
15754	879	68110	50	366.2	313	1.4	0.04	0.000*	---	5.47	9.975
15755	954	68110	50	354.8	304.5	1.4	0.04	0.000*	---	5.34	9.101
15756	969	68110	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.317
15757	1001	68110	50	368.7	314.8	1.4	0.04	0.000*	---	5.5	10.17
15758	1005	68110	50	398.7	337	1.4	0.04	0.000*	---	5.84	12.636
15759	1027	68110	50	336.1	290.7	1.4	0.04	0.000*	---	5.12	7.741
15760	1034	68110	50	341.2	294.5	1.4	0.04	0.000*	---	5.18	8.102
15761	1047	68110	50	266.7	239.4	1.4	0.04	0.000*	---	4.3	3.634
15762	1050	68110	50	267.4	239.9	1.4	0.04	0.000*	---	4.31	3.666
15763	1053	68110	50	464.4	385.7	1.4	0.04	0.000*	---	6.57	18.599
15764	1064	68110	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.437
15765	1070	68110	50	658	528.9	1.4	0.04	0.000*	---	8.61	37.471
15766	1071	68110	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.397
15767	1077	68110	50	561.6	457.6	1.4	0.04	0.000*	---	7.62	28.106
15768	1089	68110	50	318.8	277.9	1.4	0.04	0.000*	---	4.92	6.57
15769	1092	68110	50	336.7	291.2	1.4	0.04	0.000*	---	5.13	7.784
15770	1094	68110	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.134
15771	1097	68110	50	218.7	203.8	1.4	0.04	0.000*	---	3.72	1.76
15772	1103	68110	50	288.4	255.4	1.4	0.04	0.000*	---	4.56	4.747
15773	1107	68110	50	654	526	1.4	0.04	0.000*	---	8.57	37.089
15774	1114	68110	50	300.1	264	1.4	0.04	0.000*	---	4.7	5.412
15775	1118	68110	50	195.9	187	1.4	0.04	0.000*	---	3.43	1.148
15776	1121	68110	50	542.8	443.7	1.4	0.04	0.000*	---	7.42	26.251
15777	1124	68110	50	380.2	323.3	1.4	0.04	0.000*	---	5.63	11.091
15778	1126	68110	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.813
15779	1128	68110	50	156.8	158	1.4	0.04	0.000*	---	2.94	0.46
15780	1129	68110	50	367.6	314.1	1.4	0.04	0.000*	---	5.49	10.089
15781	1130	68110	50	427.2	358.1	1.4	0.04	0.000*	---	6.16	15.144
15782	1131	68110	50	273	244	1.4	0.04	0.000*	---	4.38	3.939
15783	1132	68110	50	234.9	215.8	1.4	0.04	0.000*	---	3.92	2.302
15784	1199	68110	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
15785	1200	68110	50	592.8	480.7	1.4	0.04	0.000*	---	7.94	31.182
15786	1205	68110	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.279
15787	1207	68110	50	424.6	356.2	1.4	0.04	0.000*	---	6.13	14.91
15788	1209	68110	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.15
15789	1233	68110	50	285.5	253.2	1.4	0.04	0.000*	---	4.53	4.587
15790	1313	68110	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.097
15791	1319	68110	50	720	574.8	1.4	0.04	0.000*	---	9.22	43.154
15792	1342	68110	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.208
15793	1352	68110	50	681.5	546.3	1.4	0.04	0.000*	---	8.84	39.663
15794	1369	68110	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.509
15795	1378	68110	50	356.7	306	1.4	0.04	0.000*	---	5.36	9.247
15796	1379	68110	50	227.9	210.7	1.4	0.04	0.000*	---	3.83	2.059
15797	1449	68110	50	209.7	197.2	1.4	0.04	0.000*	---	3.61	1.498
15798	1494	68110	50	129	137.5	1.4	0.04	0.000*	---	2.58	0.199

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15799	1509	68110	50	492.9	406.8	1.4	0.04	0.000*	---	6.88	21.345
15800	1511	68110	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.661
15801	2018	68110	50	762.1	605.9	1.4	0.04	0.000*	---	9.63	46.811
15802	2069	68110	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.263
15803	2265	68110	50	356.7	306	1.4	0.04	0.000*	---	5.36	9.246
15804	2280	68110	50	467.7	388.1	1.4	0.04	0.000*	---	6.61	18.914
15805	2354	68110	50	301.6	265.2	1.4	0.04	0.000*	---	4.72	5.505
15806	2355	68110	50	419.2	352.2	1.4	0.04	0.000*	---	6.07	14.429
15807	2533	68110	50	469.5	389.4	1.4	0.04	0.000*	---	6.63	19.083
15808	2534	68110	50	791.4	627.6	1.4	0.04	0.000*	---	9.91	49.245
15809	2539	68110	50	288.4	255.4	1.4	0.04	0.000*	---	4.56	4.744
15810	2541	68110	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
15811	2543	68110	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.295
15812	2546	68110	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.266
15813	2547	68110	50	473.5	392.4	1.4	0.04	0.000*	---	6.67	19.468
15814	3033	68110	50	310.2	271.5	1.4	0.04	0.000*	---	4.82	6.026
15815	3108	68110	50	91.9	110	1.4	0.04	0.000*	---	2.1	0.045
15816	3117	68110	50	359	307.6	1.4	0.04	0.000*	---	5.39	9.416
15817	3136	68110	50	239.5	219.2	1.4	0.04	0.000*	---	3.97	2.473
15818	5202	68110	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
15819	5203	68110	50	206.6	194.9	1.4	0.04	0.000*	---	3.57	1.413
15820	5257	68110	50	227.5	210.4	1.4	0.04	0.000*	---	3.82	2.044
15821	5258	68110	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.255
15822	5388	68110	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
15823	5497	68110	50	289.8	256.4	1.4	0.04	0.000*	---	4.58	4.824
15824	5507	68110	50	407.3	343.4	1.4	0.04	0.000*	---	5.94	13.383
15825	5520	68110	50	497.4	410	1.4	0.04	0.000*	---	6.93	21.776
15826	5521	68110	50	259.2	233.8	1.4	0.04	0.000*	---	4.21	3.287
15827	5522	68110	50	400.8	338.6	1.4	0.04	0.000*	---	5.87	12.815
15828	5523	68110	50	293.9	259.5	1.4	0.04	0.000*	---	4.63	5.055
15829	5525	68110	50	398.3	336.8	1.4	0.04	0.000*	---	5.84	12.607
15830	5526	68110	50	571.5	464.9	1.4	0.04	0.000*	---	7.72	29.083
15831	5527	68110	50	268.9	241	1.4	0.04	0.000*	---	4.33	3.74
15832	5528	68110	50	382.5	325.1	1.4	0.04	0.000*	---	5.66	11.286
15833	5530	68110	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.088
15834	5531	68110	50	502	413.5	1.4	0.04	0.000*	---	6.98	22.225
15835	5532	68110	50	882.7	695.2	1.4	0.04	0.000*	---	10.77	56.24
15836	5533	68110	50	289.4	256.1	1.4	0.04	0.000*	---	4.57	4.802
15837	5535	68110	50	358.2	307.1	1.4	0.04	0.000*	---	5.38	9.362
15838	5536	68110	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.966
15839	5539	68110	50	424.9	356.4	1.4	0.04	0.000*	---	6.14	14.937
15840	5540	68110	50	315	275.1	1.4	0.04	0.000*	---	4.88	6.327
15841	5541	68110	50	391.6	331.8	1.4	0.04	0.000*	---	5.76	12.034
15842	5543	68110	50	132.2	139.9	1.4	0.04	0.000*	---	2.62	0.221
15843	5544	68110	50	114.4	126.6	1.4	0.04	0.000*	---	2.39	0.117
15844	5545	68110	50	467	387.6	1.4	0.04	0.000*	---	6.6	18.845
15845	5546	68110	50	262.9	236.6	1.4	0.04	0.000*	---	4.26	3.457
15846	5549	68110	50	758.6	603.3	1.4	0.04	0.000*	---	9.6	46.514
15847	5551	68110	50	515.7	423.6	1.4	0.04	0.000*	---	7.13	23.573
15848	5552	68110	50	548.3	447.8	1.4	0.04	0.000*	---	7.48	26.794
15849	5553	68110	50	360.1	308.5	1.4	0.04	0.000*	---	5.4	9.504
15850	5554	68110	50	400.9	338.7	1.4	0.04	0.000*	---	5.87	12.826
15851	5556	68110	50	371.9	317.2	1.4	0.04	0.000*	---	5.54	10.428
15852	5557	68110	50	510.8	420	1.4	0.04	0.000*	---	7.08	23.09
15853	5558	68110	50	503.1	414.3	1.4	0.04	0.000*	---	6.99	22.34
15854	5559	68110	50	376	320.2	1.4	0.04	0.000*	---	5.58	10.751
15855	5560	68110	50	574.3	467	1.4	0.04	0.000*	---	7.75	29.358
15856	5561	68110	50	601.4	487	1.4	0.04	0.000*	---	8.03	32.024
15857	5562	68110	50	574.9	467.4	1.4	0.04	0.000*	---	7.75	29.422
15858	5563	68110	50	122.5	132.6	1.4	0.04	0.000*	---	2.5	0.158
15859	5564	68110	50	465.2	386.2	1.4	0.04	0.000*	---	6.58	18.674

LEAD BATCH MODE OUTPUT FILE
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* : signify default values used in place of missing input data.
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15860	5565	68110	50	223.6	207.4	1.4	0.04	0.000*	---	3.78	1.913
15861	5566	68110	50	346.4	298.3	1.4	0.04	0.000*	---	5.24	8.478
15862	5568	68110	50	76.6	98.7	1.4	0.04	0.000*	---	1.89	0.02
15863	5569	68110	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
15864	5570	68110	50	328.6	285.2	1.4	0.04	0.000*	---	5.04	7.225
15865	5577	68110	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.16
15866	5579	68110	50	545	445.3	1.4	0.04	0.000*	---	7.44	26.467
15867	5581	68110	50	146	150	1.4	0.04	0.000*	---	2.8	0.339
15868	5612	68110	50	648.3	521.7	1.4	0.04	0.000*	---	8.51	36.547
15869	5614	68110	50	494	407.6	1.4	0.04	0.000*	---	6.9	21.449
15870	5615	68110	50	691.5	553.7	1.4	0.04	0.000*	---	8.94	40.585
15871	5616	68110	50	381.5	324.3	1.4	0.04	0.000*	---	5.65	11.2
15872	5617	68110	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.117
15873	5620	68110	50	256.3	231.7	1.4	0.04	0.000*	---	4.18	3.161
15874	5621	68110	50	379.7	323	1.4	0.04	0.000*	---	5.63	11.054
15875	5640	68110	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
15876	5641	68110	50	333.1	288.5	1.4	0.04	0.000*	---	5.09	7.534
15877	5642	68110	50	238.6	218.6	1.4	0.04	0.000*	---	3.96	2.44
15878	5643	68110	50	524.4	430	1.4	0.04	0.000*	---	7.22	24.428
15879	5646	68110	50	340.8	294.2	1.4	0.04	0.000*	---	5.18	8.072
15880	5647	68110	50	460.6	382.9	1.4	0.04	0.000*	---	6.53	18.239
15881	5648	68110	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.267
15882	5649	68110	50	1029.1	803.5	1.4	0.04	0.000*	---	12.07	65.583
15883	5650	68110	50	181.7	176.5	1.4	0.04	0.000*	---	3.26	0.848
15884	5651	68110	50	295.3	260.5	1.4	0.04	0.000*	---	4.64	5.136
15885	5661	68110	50	272.4	243.6	1.4	0.04	0.000*	---	4.37	3.911
15886	5662	68110	50	193	184.8	1.4	0.04	0.000*	---	3.4	1.08
15887	5668	68110	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
15888	5669	68110	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
15889	5671	68110	50	327.6	284.5	1.4	0.04	0.000*	---	5.03	7.158
15890	5676	68110	50	494.2	407.7	1.4	0.04	0.000*	---	6.9	21.471
15891	5677	68110	50	212.7	199.4	1.4	0.04	0.000*	---	3.64	1.583
15892	5678	68110	50	266.8	239.4	1.4	0.04	0.000*	---	4.3	3.639
15893	5680	68110	50	450.3	375.2	1.4	0.04	0.000*	---	6.42	17.272
15894	5689	68110	50	435.4	364.2	1.4	0.04	0.000*	---	6.25	15.886
15895	5692	68110	50	502.6	414	1.4	0.04	0.000*	---	6.99	22.293
15896	26047	68110	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.338
15897	26085	68110	50	234.7	215.6	1.4	0.04	0.000*	---	3.91	2.294
15898	26096	68110	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
15899	26099	68110	50	56.6	83.8	1.4	0.04	0.000*	---	1.63	0.006
15900	26104	68110	50	157.4	158.4	1.4	0.04	0.000*	---	2.95	0.467
15901	26122	68110	50	393.1	332.9	1.4	0.04	0.000*	---	5.78	12.167
15902	26133	68110	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.756
15903	26169	68110	50	469.4	389.4	1.4	0.04	0.000*	---	6.63	19.075
15904	26175	68110	50	290.4	256.9	1.4	0.04	0.000*	---	4.59	4.855
15905	26180	68110	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
15906	26182	68110	50	428.7	359.3	1.4	0.04	0.000*	---	6.18	15.282
15907	26186	68110	50	141	146.3	1.4	0.04	0.000*	---	2.74	0.292
15908	26198	68110	50	520.7	427.3	1.4	0.04	0.000*	---	7.18	24.065
15909	26201	68110	50	300.5	264.4	1.4	0.04	0.000*	---	4.71	5.441
15910	26218	68110	50	234.9	215.8	1.4	0.04	0.000*	---	3.92	2.301
15911	26234	68110	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
15912	26238	68110	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
15913	26239	68110	50	437.8	366	1.4	0.04	0.000*	---	6.28	16.112
15914	26243	68110	50	322.3	280.5	1.4	0.04	0.000*	---	4.96	6.803
15915	26252	68110	50	264.1	237.5	1.4	0.04	0.000*	---	4.27	3.514
15916	26253	68110	50	350.6	301.5	1.4	0.04	0.000*	---	5.29	8.791
15917	26259	68110	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.95
15918	26260	68110	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.987
15919	26267	68110	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
15920	26298	68110	50	393.6	333.3	1.4	0.04	0.000*	---	5.78	12.209

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15921	26339	68110	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.203
15922	26341	68110	50	227	210	1.4	0.04	0.000*	---	3.82	2.027
15923	26365	68110	50	454.8	378.5	1.4	0.04	0.000*	---	6.47	17.69
15924	26367	68110	50	273.9	244.6	1.4	0.04	0.000*	---	4.39	3.983
15925	26369	68110	50	1384.9	1066.9	1.4	0.04	0.000*	---	14.99	80.532
15926	26384	68110	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
15927	26386	68110	50	95.2	112.4	1.4	0.04	0.000*	---	2.14	0.052
15928	26389	68110	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
15929	26393	68110	50	85.5	105.2	1.4	0.04	0.000*	---	2.01	0.032
15930	26398	68110	50	118	129.3	1.4	0.04	0.000*	---	2.44	0.135
15931	26402	68110	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.968
15932	26410	68110	50	267	239.6	1.4	0.04	0.000*	---	4.31	3.649
15933	26411	68110	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.633
15934	26447	68110	50	344.9	297.2	1.4	0.04	0.000*	---	5.23	8.367
15935	26452	68110	50	145.5	149.6	1.4	0.04	0.000*	---	2.8	0.334
15936	26454	68110	50	126.1	135.3	1.4	0.04	0.000*	---	2.54	0.18
15937	26460	68110	50	699.1	559.3	1.4	0.04	0.000*	---	9.02	41.278
15938	26462	68110	50	140.5	146	1.4	0.04	0.000*	---	2.73	0.288
15939	26465	68110	50	473.9	392.7	1.4	0.04	0.000*	---	6.68	19.504
15940	26502	68110	50	426.1	357.3	1.4	0.04	0.000*	---	6.15	15.045
15941	26508	68110	50	289.3	256.1	1.4	0.04	0.000*	---	4.57	4.796
15942	26511	68110	50	614.7	496.9	1.4	0.04	0.000*	---	8.17	33.316
15943	26527	68110	50	461	383.1	1.4	0.04	0.000*	---	6.54	18.275
15944	26533	68110	50	90	108.6	1.4	0.04	0.000*	---	2.07	0.041
15945	26540	68110	50	70.6	94.2	1.4	0.04	0.000*	---	1.82	0.014
15946	26544	68110	50	283.6	251.9	1.4	0.04	0.000*	---	4.5	4.488
15947	26546	68110	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
15948	26548	68110	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
15949	26550	68110	50	369.8	315.7	1.4	0.04	0.000*	---	5.51	10.261
15950	26551	68110	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
15951	26557	68110	50	669.8	537.7	1.4	0.04	0.000*	---	8.72	38.577
15952	26559	68110	50	214.1	200.5	1.4	0.04	0.000*	---	3.66	1.624
15953	26563	68110	50	227.9	210.6	1.4	0.04	0.000*	---	3.83	2.056
15954	26568	68110	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
15955	26572	68110	50	181.3	176.2	1.4	0.04	0.000*	---	3.25	0.84
15956	26584	68110	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.183
15957	26608	68110	50	269.9	241.7	1.4	0.04	0.000*	---	4.34	3.788
15958	26622	68110	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.329
15959	26623	68110	50	539.1	440.9	1.4	0.04	0.000*	---	7.38	25.879
15960	26627	68110	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.535
15961	26639	68110	50	351.6	302.2	1.4	0.04	0.000*	---	5.3	8.862
15962	26697	68110	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
15963	26701	68110	50	163.3	162.8	1.4	0.04	0.000*	---	3.02	0.545
15964	26703	68110	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.216
15965	26704	68110	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.808
15966	26706	68110	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.112
15967	26707	68110	50	208.3	196.1	1.4	0.04	0.000*	---	3.59	1.458
15968	26708	68110	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.556
15969	26709	68110	50	243.4	222.2	1.4	0.04	0.000*	---	4.02	2.626
15970	26731	68110	50	258.1	233	1.4	0.04	0.000*	---	4.2	3.24
15971	26762	68110	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
15972	26809	68110	50	236.1	216.7	1.4	0.04	0.000*	---	3.93	2.345
15973	26823	68110	50	133.3	140.6	1.4	0.04	0.000*	---	2.64	0.229
15974	26835	68110	50	339.2	293	1.4	0.04	0.000*	---	5.16	7.959
15975	26838	68110	50	240.3	219.8	1.4	0.04	0.000*	---	3.98	2.504
15976	26841	68110	50	87.6	106.9	1.4	0.04	0.000*	---	2.04	0.036
15977	26843	68110	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.75
15978	26846	68110	50	152.9	155.2	1.4	0.04	0.000*	---	2.89	0.414
15979	26862	68110	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
15980	26873	68110	50	179.2	174.6	1.4	0.04	0.000*	---	3.22	0.801
15981	26895	68110	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
15982	26917	68110	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.886
15983	26919	68110	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.874
15984	26921	68110	50	396	335	1.4	0.04	0.000*	---	5.81	12.405
15985	26924	68110	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.054
15986	26929	68110	50	62.1	87.9	1.4	0.04	0.000*	---	1.7	0.008
15987	26946	68110	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
15988	26969	68110	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.848
15989	26974	68110	50	219.3	204.3	1.4	0.04	0.000*	---	3.72	1.777
15990	26975	68110	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.683
15991	26979	68110	50	153.3	155.4	1.4	0.04	0.000*	---	2.9	0.418
15992	27023	68110	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.676
15993	27030	68110	50	150	153	1.4	0.04	0.000*	---	2.85	0.381
15994	27034	68110	50	81	102	1.4	0.04	0.000*	---	1.95	0.026
15995	27044	68110	50	107.9	121.8	1.4	0.04	0.000*	---	2.31	0.091
15996	27049	68110	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.347
15997	27057	68110	50	135.9	142.6	1.4	0.04	0.000*	---	2.67	0.25
15998	27059	68110	50	128	136.7	1.4	0.04	0.000*	---	2.57	0.192
15999	27065	68110	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.388
16000	27069	68110	50	87.1	106.4	1.4	0.04	0.000*	---	2.03	0.035
16001	27076	68110	50	115.2	127.2	1.4	0.04	0.000*	---	2.4	0.121
16002	27088	68110	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
16003	27089	68110	50	426.1	357.3	1.4	0.04	0.000*	---	6.15	15.043
16004	27098	68110	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
16005	27126	68110	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.793
16006	27181	68110	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.165
16007	27187	68110	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.182
16008	27232	68110	50	90.6	109	1.4	0.04	0.000*	---	2.08	0.042
16009	27233	68110	50	451.3	376	1.4	0.04	0.000*	---	6.43	17.367
16010	27235	68110	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.638
16011	27261	68110	50	427.6	358.5	1.4	0.04	0.000*	---	6.17	15.184
16012	27284	68110	50	152.4	154.8	1.4	0.04	0.000*	---	2.88	0.408
16013	27287	68110	50	52.2	80.7	1.4	0.04	0.000*	---	1.57	0.004
16014	27291	68110	50	281	249.9	1.4	0.04	0.000*	---	4.47	4.348
16015	27296	68110	50	386.6	328.1	1.4	0.04	0.000*	---	5.71	11.624
16016	27327	68110	50	796.9	631.7	1.4	0.04	0.000*	---	9.96	49.697
16017	27332	68110	50	998.6	781	1.4	0.04	0.000*	---	11.81	63.819
16018	27339	68110	50	170.5	168.2	1.4	0.04	0.000*	---	3.11	0.653
16019	27343	68110	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.434
16020	27352	68110	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.505
16021	27378	68110	50	409.9	345.3	1.4	0.04	0.000*	---	5.97	13.604
16022	27386	68110	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
16023	27389	68110	50	444.6	371	1.4	0.04	0.000*	---	6.35	16.735
16024	27400	68110	50	654.7	526.5	1.4	0.04	0.000*	---	8.57	37.159
16025	27406	68110	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.585
16026	27407	68110	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.715
16027	27417	68110	50	1108.9	862.6	1.4	0.04	0.000*	---	12.76	69.795
16028	27435	68110	50	839.9	663.5	1.4	0.04	0.000*	---	10.37	53.078
16029	27436	68110	50	466.1	386.9	1.4	0.04	0.000*	---	6.59	18.759
16030	27501	68110	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.022
16031	27527	68110	50	608	491.9	1.4	0.04	0.000*	---	8.1	32.671
16032	27541	68110	50	246.3	224.3	1.4	0.04	0.000*	---	4.06	2.741
16033	27554	68110	50	717.2	572.7	1.4	0.04	0.000*	---	9.19	42.906
16034	27589	68110	50	495.9	409	1.4	0.04	0.000*	---	6.92	21.636
16035	27592	68110	50	587.4	476.7	1.4	0.04	0.000*	---	7.88	30.65
16036	27628	68110	50	444.2	370.7	1.4	0.04	0.000*	---	6.35	16.704
16037	27643	68110	50	803.5	636.6	1.4	0.04	0.000*	---	10.03	50.224
16038	27649	68110	50	489.7	404.4	1.4	0.04	0.000*	---	6.85	21.028
16039	27667	68110	50	301.4	265	1.4	0.04	0.000*	---	4.72	5.491
16040	27680	68110	50	360.4	308.7	1.4	0.04	0.000*	---	5.41	9.527
16041	27683	68110	50	123.2	133.2	1.4	0.04	0.000*	---	2.51	0.163
16042	27690	68110	50	371.5	316.9	1.4	0.04	0.000*	---	5.53	10.393

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16043	27693	68110	50	429.5	359.8	1.4	0.04	0.000*	---	6.19	15.352
16044	27704	68110	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.433
16045	27730	68110	50	1407	1083.2	1.4	0.04	0.000*	---	15.16	81.184
16046	27735	68110	50	310.2	271.6	1.4	0.04	0.000*	---	4.82	6.026
16047	27749	68110	50	487	402.4	1.4	0.04	0.000*	---	6.82	20.773
16048	27753	68110	50	447.6	373.2	1.4	0.04	0.000*	---	6.39	17.015
16049	27756	68110	50	376.3	320.4	1.4	0.04	0.000*	---	5.59	10.774
16050	27771	68110	50	337	291.4	1.4	0.04	0.000*	---	5.13	7.804
16051	27781	68110	50	220.8	205.4	1.4	0.04	0.000*	---	3.74	1.825
16052	27796	68110	50	305.9	268.4	1.4	0.04	0.000*	---	4.77	5.764
16053	27815	68110	50	156.1	157.6	1.4	0.04	0.000*	---	2.93	0.452
16054	27816	68110	50	213.6	200	1.4	0.04	0.000*	---	3.65	1.607
16055	27818	68110	50	486.9	402.3	1.4	0.04	0.000*	---	6.82	20.759
16056	27820	68110	50	188.2	181.3	1.4	0.04	0.000*	---	3.34	0.977
16057	27821	68110	50	224.3	207.9	1.4	0.04	0.000*	---	3.78	1.936
16058	27822	68110	50	195.7	186.8	1.4	0.04	0.000*	---	3.43	1.142
16059	27826	68110	50	388.9	329.8	1.4	0.04	0.000*	---	5.73	11.813
16060	27828	68110	50	514.4	422.6	1.4	0.04	0.000*	---	7.11	23.443
16061	27835	68110	50	228.3	210.9	1.4	0.04	0.000*	---	3.83	2.07
16062	27838	68110	50	392.1	332.2	1.4	0.04	0.000*	---	5.77	12.081
16063	27839	68110	50	538	440.1	1.4	0.04	0.000*	---	7.37	25.773
16064	27840	68110	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
16065	27841	68110	50	452.2	376.6	1.4	0.04	0.000*	---	6.44	17.448
16066	27844	68110	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
16067	27847	68110	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
16068	27849	68110	50	475.3	393.7	1.4	0.04	0.000*	---	6.69	19.642
16069	27852	68110	50	492.8	406.6	1.4	0.04	0.000*	---	6.88	21.327
16070	27855	68110	50	303.6	266.6	1.4	0.04	0.000*	---	4.74	5.621
16071	27881	68110	50	471.4	390.8	1.4	0.04	0.000*	---	6.65	19.261
16072	27884	68110	50	583.8	474	1.4	0.04	0.000*	---	7.85	30.299
16073	27889	68110	50	155.4	157	1.4	0.04	0.000*	---	2.92	0.442
16074	27907	68110	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
16075	27927	68110	50	219.8	204.6	1.4	0.04	0.000*	---	3.73	1.794
16076	27928	68110	50	527.1	432.1	1.4	0.04	0.000*	---	7.25	24.7
16077	27944	68110	50	567.4	461.9	1.4	0.04	0.000*	---	7.68	28.677
16078	27955	68110	50	252.9	229.1	1.4	0.04	0.000*	---	4.13	3.012
16079	27956	68110	50	456.8	380	1.4	0.04	0.000*	---	6.49	17.877
16080	27958	68110	50	272.5	243.6	1.4	0.04	0.000*	---	4.37	3.916
16081	27959	68110	50	748.2	595.6	1.4	0.04	0.000*	---	9.5	45.621
16082	27961	68110	50	195.8	186.9	1.4	0.04	0.000*	---	3.43	1.145
16083	27963	68110	50	246.7	224.6	1.4	0.04	0.000*	---	4.06	2.755
16084	27964	68110	50	547.4	447.1	1.4	0.04	0.000*	---	7.47	26.704
16085	27966	68110	50	344	296.5	1.4	0.04	0.000*	---	5.22	8.301
16086	27967	68110	50	468.7	388.8	1.4	0.04	0.000*	---	6.62	19.008
16087	27968	68110	50	630	508.2	1.4	0.04	0.000*	---	8.32	34.8
16088	27971	68110	50	37.1	69.4	1.4	0.04	0.000*	---	1.36	0.001
16089	27973	68110	50	373.5	318.4	1.4	0.04	0.000*	---	5.55	10.549
16090	27984	68110	50	719.7	574.6	1.4	0.04	0.000*	---	9.22	43.131
16091	28012	68110	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.664
16092	28021	68110	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.432
16093	28053	68110	50	72.1	95.3	1.4	0.04	0.000*	---	1.84	0.015
16094	28061	68110	50	578	469.8	1.4	0.04	0.000*	---	7.79	29.731
16095	28068	68110	50	80.2	101.3	1.4	0.04	0.000*	---	1.94	0.025
16096	28070	68110	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.647
16097	28071	68110	50	358	306.9	1.4	0.04	0.000*	---	5.38	9.342
16098	28073	68110	50	312.1	273	1.4	0.04	0.000*	---	4.84	6.147
16099	28074	68110	50	920	722.8	1.4	0.04	0.000*	---	11.11	58.834
16100	28075	68110	50	236.9	217.3	1.4	0.04	0.000*	---	3.94	2.375
16101	28077	68110	50	461.6	383.6	1.4	0.04	0.000*	---	6.54	18.33
16102	28080	68110	50	105.5	120.1	1.4	0.04	0.000*	---	2.28	0.082
16103	28081	68110	50	447.3	373	1.4	0.04	0.000*	---	6.38	16.989

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16104	28086	68110	50	153.1	155.3	1.4	0.04	0.000*	---	2.89	0.416
16105	28092	68110	50	425.7	357	1.4	0.04	0.000*	---	6.15	15.01
16106	28098	68110	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.822
16107	28113	68110	50	428.7	359.3	1.4	0.04	0.000*	---	6.18	15.283
16108	28116	68110	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.867
16109	28120	68110	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.928
16110	28152	68110	50	417.9	351.2	1.4	0.04	0.000*	---	6.06	14.307
16111	28155	68110	50	526.5	431.6	1.4	0.04	0.000*	---	7.24	24.64
16112	28158	68110	50	26.7	61.8	1.4	0.04	0.000*	---	1.22	0
16113	28163	68110	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
16114	28164	68110	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.035
16115	28166	68110	50	339.8	293.4	1.4	0.04	0.000*	---	5.17	7.999
16116	28167	68110	50	222.3	206.5	1.4	0.04	0.000*	---	3.76	1.874
16117	28175	68110	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.023
16118	28184	68110	50	599.6	485.7	1.4	0.04	0.000*	---	8.01	31.848
16119	28189	68110	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.278
16120	28194	68110	50	361.7	309.7	1.4	0.04	0.000*	---	5.42	9.628
16121	28198	68110	50	496.3	409.3	1.4	0.04	0.000*	---	6.92	21.675
16122	28200	68110	50	533.1	436.5	1.4	0.04	0.000*	---	7.31	25.287
16123	28203	68110	50	203.3	192.4	1.4	0.04	0.000*	---	3.53	1.327
16124	28205	68110	50	693.3	555.1	1.4	0.04	0.000*	---	8.96	40.752
16125	28207	68110	50	287.9	255	1.4	0.04	0.000*	---	4.56	4.72
16126	28208	68110	50	626.7	505.8	1.4	0.04	0.000*	---	8.29	34.484
16127	28211	68110	50	464.2	385.5	1.4	0.04	0.000*	---	6.57	18.576
16128	28215	68110	50	317.4	276.9	1.4	0.04	0.000*	---	4.9	6.48
16129	28221	68110	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.959
16130	28226	68110	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.683
16131	28233	68110	50	544	444.5	1.4	0.04	0.000*	---	7.43	26.364
16132	28234	68110	50	150.2	153.2	1.4	0.04	0.000*	---	2.86	0.383
16133	28235	68110	50	289.3	256.1	1.4	0.04	0.000*	---	4.57	4.796
16134	28240	68110	50	486.3	401.8	1.4	0.04	0.000*	---	6.81	20.697
16135	28242	68110	50	442.2	369.2	1.4	0.04	0.000*	---	6.33	16.517
16136	28243	68110	50	148.5	151.9	1.4	0.04	0.000*	---	2.83	0.365
16137	28244	68110	50	517.6	425	1.4	0.04	0.000*	---	7.15	23.762
16138	28249	68110	50	165.9	164.8	1.4	0.04	0.000*	---	3.06	0.583
16139	28250	68110	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.684
16140	28251	68110	50	551.5	450.1	1.4	0.04	0.000*	---	7.51	27.109
16141	28256	68110	50	729.3	581.7	1.4	0.04	0.000*	---	9.31	43.976
16142	28257	68110	50	361.4	309.4	1.4	0.04	0.000*	---	5.42	9.601
16143	28258	68110	50	270.6	242.2	1.4	0.04	0.000*	---	4.35	3.821
16144	28259	68110	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.493
16145	28261	68110	50	346.1	298.1	1.4	0.04	0.000*	---	5.24	8.456
16146	28262	68110	50	570.9	464.5	1.4	0.04	0.000*	---	7.71	29.03
16147	28264	68110	50	386.4	327.9	1.4	0.04	0.000*	---	5.7	11.603
16148	28265	68110	50	267	239.6	1.4	0.04	0.000*	---	4.31	3.651
16149	28268	68110	50	569.9	463.8	1.4	0.04	0.000*	---	7.7	28.931
16150	28271	68110	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.182
16151	28278	68110	50	401.2	338.9	1.4	0.04	0.000*	---	5.87	12.851
16152	28298	68110	50	366.8	313.4	1.4	0.04	0.000*	---	5.48	10.021
16153	28309	68110	50	356.5	305.8	1.4	0.04	0.000*	---	5.36	9.229
16154	28323	68110	50	429.7	360	1.4	0.04	0.000*	---	6.19	15.372
16155	28334	68110	50	185.2	179	1.4	0.04	0.000*	---	3.3	0.915
16156	28335	68110	50	494.4	407.9	1.4	0.04	0.000*	---	6.9	21.49
16157	28336	68110	50	368.8	314.9	1.4	0.04	0.000*	---	5.5	10.182
16158	28339	68110	50	4063.1	3048.7	1.4	0.04	0.000*	---	30.14	99.055
16159	28340	68110	50	177.9	173.6	1.4	0.04	0.000*	---	3.21	0.777
16160	28341	68110	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.277
16161	28342	68110	50	269.8	241.7	1.4	0.04	0.000*	---	4.34	3.785
16162	28343	68110	50	364.7	311.9	1.4	0.04	0.000*	---	5.45	9.861
16163	28354	68110	50	505.4	416	1.4	0.04	0.000*	---	7.02	22.565
16164	28355	68110	50	438.7	366.6	1.4	0.04	0.000*	---	6.29	16.193

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16165	28357	68110	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.368
16166	28358	68110	50	402.2	339.6	1.4	0.04	0.000*	---	5.88	12.941
16167	28360	68110	50	453.4	377.5	1.4	0.04	0.000*	---	6.45	17.559
16168	28363	68110	50	619.6	500.5	1.4	0.04	0.000*	---	8.22	33.796
16169	28376	68110	50	465.8	386.7	1.4	0.04	0.000*	---	6.59	18.728
16170	28392	68110	50	547.4	447.1	1.4	0.04	0.000*	---	7.47	26.701
16171	28393	68110	50	309.4	271	1.4	0.04	0.000*	---	4.81	5.978
16172	28401	68110	50	508.5	418.3	1.4	0.04	0.000*	---	7.05	22.871
16173	28403	68110	50	544.7	445.1	1.4	0.04	0.000*	---	7.44	26.438
16174	28404	68110	50	360.2	308.5	1.4	0.04	0.000*	---	5.4	9.511
16175	28414	68110	50	436.1	364.8	1.4	0.04	0.000*	---	6.26	15.959
16176	28418	68110	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.226
16177	28421	68110	50	260.2	234.6	1.4	0.04	0.000*	---	4.22	3.334
16178	28425	68110	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.81
16179	28440	68110	50	448.8	374.1	1.4	0.04	0.000*	---	6.4	17.133
16180	28455	68110	50	324.4	282	1.4	0.04	0.000*	---	4.99	6.939
16181	28456	68110	50	444.1	370.7	1.4	0.04	0.000*	---	6.35	16.696
16182	28460	68110	50	180.8	175.8	1.4	0.04	0.000*	---	3.24	0.83
16183	28463	68110	50	451.7	376.3	1.4	0.04	0.000*	---	6.43	17.401
16184	28486	68110	50	704	562.9	1.4	0.04	0.000*	---	9.06	41.718
16185	28491	68110	50	721.9	576.2	1.4	0.04	0.000*	---	9.24	43.328
16186	28501	68110	50	444.5	370.9	1.4	0.04	0.000*	---	6.35	16.727
16187	28511	68110	50	522.6	428.8	1.4	0.04	0.000*	---	7.2	24.257
16188	28516	68110	50	300.6	264.4	1.4	0.04	0.000*	---	4.71	5.443
16189	28522	68110	50	484.8	400.8	1.4	0.04	0.000*	---	6.8	20.558
16190	28525	68110	50	458.5	381.3	1.4	0.04	0.000*	---	6.51	18.04
16191	28526	68110	50	686.8	550.2	1.4	0.04	0.000*	---	8.89	40.148
16192	28527	68110	50	383.5	325.8	1.4	0.04	0.000*	---	5.67	11.361
16193	28545	68110	50	251.5	228.1	1.4	0.04	0.000*	---	4.12	2.953
16194	28550	68110	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
16195	28567	68110	50	218.5	203.7	1.4	0.04	0.000*	---	3.71	1.754
16196	28577	68110	50	211.8	198.8	1.4	0.04	0.000*	---	3.63	1.557
16197	28578	68110	50	342.5	295.4	1.4	0.04	0.000*	---	5.2	8.193
16198	28579	68110	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.014
16199	28582	68110	50	526.5	431.6	1.4	0.04	0.000*	---	7.24	24.643
16200	28584	68110	50	466.9	387.5	1.4	0.04	0.000*	---	6.6	18.832
16201	28585	68110	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
16202	28588	68110	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.558
16203	28591	68110	50	256.2	231.6	1.4	0.04	0.000*	---	4.18	3.157
16204	28593	68110	50	394.1	333.6	1.4	0.04	0.000*	---	5.79	12.245
16205	28595	68110	50	522.3	428.5	1.4	0.04	0.000*	---	7.2	24.224
16206	28624	68110	50	1165.4	904.4	1.4	0.04	0.000*	---	13.23	72.438
16207	28647	68110	50	514	422.4	1.4	0.04	0.000*	---	7.11	23.405
16208	28654	68110	50	635.1	512	1.4	0.04	0.000*	---	8.37	35.29
16209	28658	68110	50	604.6	489.4	1.4	0.04	0.000*	---	8.06	32.333
16210	28662	68110	50	330.7	286.7	1.4	0.04	0.000*	---	5.06	7.369
16211	28666	68110	50	623.2	503.2	1.4	0.04	0.000*	---	8.25	34.144
16212	28667	68110	50	451.8	376.3	1.4	0.04	0.000*	---	6.43	17.411
16213	28670	68110	50	304.3	267.2	1.4	0.04	0.000*	---	4.75	5.662
16214	28672	68110	50	334.6	289.6	1.4	0.04	0.000*	---	5.11	7.636
16215	28673	68110	50	100.5	116.4	1.4	0.04	0.000*	---	2.21	0.066
16216	28681	68110	50	600.5	486.4	1.4	0.04	0.000*	---	8.02	31.938
16217	28686	68110	50	366.1	312.9	1.4	0.04	0.000*	---	5.47	9.969
16218	28687	68110	50	578.6	470.1	1.4	0.04	0.000*	---	7.79	29.783
16219	28689	68110	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
16220	28698	68110	50	182.2	176.8	1.4	0.04	0.000*	---	3.26	0.856
16221	28699	68110	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.119
16222	28702	68110	50	317.1	276.7	1.4	0.04	0.000*	---	4.9	6.465
16223	28704	68110	50	227.1	210.1	1.4	0.04	0.000*	---	3.82	2.031
16224	28707	68110	50	563.4	458.9	1.4	0.04	0.000*	---	7.63	28.287
16225	28708	68110	50	672.8	539.8	1.4	0.04	0.000*	---	8.75	38.854

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16226	28710	68110	50	929.4	729.8	1.4	0.04	0.000*	---	11.19	59.463
16227	28711	68110	50	531.8	435.5	1.4	0.04	0.000*	---	7.3	25.164
16228	28715	68110	50	418.6	351.8	1.4	0.04	0.000*	---	6.07	14.373
16229	28717	68110	50	562.9	458.5	1.4	0.04	0.000*	---	7.63	28.237
16230	28719	68110	50	648.6	522	1.4	0.04	0.000*	---	8.51	36.58
16231	28726	68110	50	421.1	353.6	1.4	0.04	0.000*	---	6.09	14.597
16232	28742	68110	50	447.3	373	1.4	0.04	0.000*	---	6.38	16.986
16233	28756	68110	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
16234	28761	68110	50	303.5	266.6	1.4	0.04	0.000*	---	4.74	5.617
16235	28765	68110	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.613
16236	28769	68110	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
16237	28774	68110	50	974.8	763.3	1.4	0.04	0.000*	---	11.6	62.375
16238	28795	68110	50	294.1	259.6	1.4	0.04	0.000*	---	4.63	5.067
16239	28797	68110	50	342.2	295.2	1.4	0.04	0.000*	---	5.19	8.175
16240	28801	68110	50	375.2	319.6	1.4	0.04	0.000*	---	5.57	10.688
16241	28802	68110	50	419.1	352.1	1.4	0.04	0.000*	---	6.07	14.417
16242	28807	68110	50	619.2	500.2	1.4	0.04	0.000*	---	8.21	33.753
16243	28808	68110	50	326.8	283.8	1.4	0.04	0.000*	---	5.01	7.099
16244	28813	68110	50	655.8	527.3	1.4	0.04	0.000*	---	8.58	37.261
16245	28817	68110	50	284.6	252.6	1.4	0.04	0.000*	---	4.52	4.543
16246	28820	68110	50	588.1	477.2	1.4	0.04	0.000*	---	7.89	30.718
16247	28823	68110	50	481	398	1.4	0.04	0.000*	---	6.75	20.194
16248	28824	68110	50	1676.7	1282.7	1.4	0.04	0.000*	---	17.14	87.411
16249	28827	68110	50	352.8	303	1.4	0.04	0.000*	---	5.32	8.948
16250	28839	68110	50	199.8	189.9	1.4	0.04	0.000*	---	3.48	1.24
16251	28848	68110	50	425	356.5	1.4	0.04	0.000*	---	6.14	14.947
16252	28857	68110	50	392.9	332.8	1.4	0.04	0.000*	---	5.78	12.147
16253	28859	68110	50	732.9	584.4	1.4	0.04	0.000*	---	9.35	44.297
16254	28860	68110	50	214.4	200.7	1.4	0.04	0.000*	---	3.66	1.632
16255	28862	68110	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.545
16256	28863	68110	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.557
16257	28867	68110	50	449.1	374.3	1.4	0.04	0.000*	---	6.4	17.156
16258	28891	68110	50	614.1	496.4	1.4	0.04	0.000*	---	8.16	33.258
16259	28902	68110	50	414	348.4	1.4	0.04	0.000*	---	6.01	13.971
16260	28903	68110	50	347.1	298.9	1.4	0.04	0.000*	---	5.25	8.533
16261	28905	68110	50	254.7	230.4	1.4	0.04	0.000*	---	4.16	3.089
16262	28910	68110	50	955.5	749	1.4	0.04	0.000*	---	11.43	61.163
16263	28912	68110	50	436.2	364.8	1.4	0.04	0.000*	---	6.26	15.963
16264	28916	68110	50	290.1	256.7	1.4	0.04	0.000*	---	4.58	4.843
16265	28918	68110	50	650.1	523.1	1.4	0.04	0.000*	---	8.53	36.721
16266	28919	68110	50	479.2	396.6	1.4	0.04	0.000*	---	6.73	20.011
16267	28923	68110	50	344	296.5	1.4	0.04	0.000*	---	5.22	8.301
16268	28924	68110	50	575.5	467.8	1.4	0.04	0.000*	---	7.76	29.476
16269	28926	68110	50	407.7	343.7	1.4	0.04	0.000*	---	5.94	13.414
16270	28929	68110	50	387.9	329.1	1.4	0.04	0.000*	---	5.72	11.729
16271	28938	68110	50	348.6	300	1.4	0.04	0.000*	---	5.27	8.643
16272	28944	68110	50	363.2	310.8	1.4	0.04	0.000*	---	5.44	9.742
16273	28948	68110	50	379.3	322.7	1.4	0.04	0.000*	---	5.62	11.019
16274	28953	68110	50	367.4	313.9	1.4	0.04	0.000*	---	5.49	10.071
16275	28974	68110	50	553.9	451.9	1.4	0.04	0.000*	---	7.53	27.343
16276	28977	68110	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.948
16277	28986	68110	50	729.9	582.1	1.4	0.04	0.000*	---	9.32	44.03
16278	28995	68110	50	282	250.7	1.4	0.04	0.000*	---	4.49	4.401
16279	28999	68110	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
16280	29000	68110	50	398	336.5	1.4	0.04	0.000*	---	5.83	12.581
16281	29005	68110	50	858.9	677.6	1.4	0.04	0.000*	---	10.55	54.504
16282	29011	68110	50	581.3	472.1	1.4	0.04	0.000*	---	7.82	30.047
16283	29014	68110	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.322
16284	29018	68110	50	563.9	459.3	1.4	0.04	0.000*	---	7.64	28.336
16285	29020	68110	50	297.4	262.1	1.4	0.04	0.000*	---	4.67	5.258
16286	29024	68110	50	581.2	472.1	1.4	0.04	0.000*	---	7.82	30.046

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16287	29026	68110	50	726.4	579.5	1.4	0.04	0.000*	---	9.28	43.723
16288	29027	68110	50	304.3	267.2	1.4	0.04	0.000*	---	4.75	5.665
16289	29029	68110	50	670.4	538.1	1.4	0.04	0.000*	---	8.73	38.635
16290	29042	68110	50	788	625.1	1.4	0.04	0.000*	---	9.88	48.97
16291	29044	68110	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.8
16292	29055	68110	50	415.6	349.5	1.4	0.04	0.000*	---	6.03	14.105
16293	29058	68110	50	518.6	425.7	1.4	0.04	0.000*	---	7.16	23.856
16294	29059	68110	50	408	343.9	1.4	0.04	0.000*	---	5.95	13.437
16295	29063	68110	50	436	364.7	1.4	0.04	0.000*	---	6.26	15.951
16296	29084	68110	50	523	429.1	1.4	0.04	0.000*	---	7.21	24.297
16297	29087	68110	50	419.5	352.4	1.4	0.04	0.000*	---	6.08	14.454
16298	29091	68110	50	606.5	490.8	1.4	0.04	0.000*	---	8.08	32.524
16299	29092	68110	50	575.9	468.2	1.4	0.04	0.000*	---	7.77	29.524
16300	29093	68110	50	214.5	200.7	1.4	0.04	0.000*	---	3.66	1.634
16301	29095	68110	50	432.3	361.9	1.4	0.04	0.000*	---	6.22	15.607
16302	29096	68110	50	650.7	523.5	1.4	0.04	0.000*	---	8.53	36.779
16303	29104	68110	50	549.4	448.5	1.4	0.04	0.000*	---	7.49	26.897
16304	29107	68110	50	303.6	266.6	1.4	0.04	0.000*	---	4.74	5.62
16305	29110	68110	50	445.8	371.9	1.4	0.04	0.000*	---	6.37	16.846
16306	29113	68110	50	580.6	471.6	1.4	0.04	0.000*	---	7.81	29.984
16307	29117	68110	50	431.2	361.1	1.4	0.04	0.000*	---	6.21	15.508
16308	29120	68110	50	348.5	299.9	1.4	0.04	0.000*	---	5.27	8.629
16309	29121	68110	50	258.8	233.5	1.4	0.04	0.000*	---	4.21	3.269
16310	29124	68110	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
16311	29135	68110	50	400.6	338.5	1.4	0.04	0.000*	---	5.86	12.801
16312	29151	68110	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.972
16313	29154	68110	50	299	263.3	1.4	0.04	0.000*	---	4.69	5.35
16314	29156	68110	50	259.4	233.9	1.4	0.04	0.000*	---	4.21	3.295
16315	29159	68110	50	390.3	330.8	1.4	0.04	0.000*	---	5.75	11.924
16316	29164	68110	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.516
16317	29194	68110	50	464.2	385.5	1.4	0.04	0.000*	---	6.57	18.583
16318	29197	68110	50	746.8	594.7	1.4	0.04	0.000*	---	9.48	45.506
16319	29199	68110	50	549.7	448.8	1.4	0.04	0.000*	---	7.49	26.933
16320	29202	68110	50	325	282.5	1.4	0.04	0.000*	---	4.99	6.982
16321	29207	68110	50	339.7	293.4	1.4	0.04	0.000*	---	5.17	7.995
16322	29212	68110	50	636.4	512.9	1.4	0.04	0.000*	---	8.39	35.412
16323	29215	68110	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.896
16324	29218	68110	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.861
16325	29226	68110	50	217.6	203.1	1.4	0.04	0.000*	---	3.7	1.728
16326	29230	68110	50	479	396.5	1.4	0.04	0.000*	---	6.73	19.999
16327	29231	68110	50	498.7	411	1.4	0.04	0.000*	---	6.95	21.903
16328	29233	68110	50	345.9	297.9	1.4	0.04	0.000*	---	5.24	8.439
16329	29236	68110	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.062
16330	29238	68110	50	446.1	372.1	1.4	0.04	0.000*	---	6.37	16.88
16331	29249	68110	50	576.7	468.8	1.4	0.04	0.000*	---	7.77	29.599
16332	29257	68110	50	276.1	246.3	1.4	0.04	0.000*	---	4.41	4.094
16333	29267	68110	50	459.2	381.8	1.4	0.04	0.000*	---	6.52	18.103
16334	29269	68110	50	305.9	268.3	1.4	0.04	0.000*	---	4.77	5.759
16335	29271	68110	50	175.2	171.6	1.4	0.04	0.000*	---	3.17	0.73
16336	29273	68110	50	526.9	431.9	1.4	0.04	0.000*	---	7.25	24.678
16337	29275	68110	50	324.4	282	1.4	0.04	0.000*	---	4.99	6.939
16338	29277	68110	50	346.6	298.5	1.4	0.04	0.000*	---	5.25	8.496
16339	29282	68110	50	256.4	231.7	1.4	0.04	0.000*	---	4.18	3.162
16340	29283	68110	50	388	329.1	1.4	0.04	0.000*	---	5.72	11.736
16341	29284	68110	50	568.2	462.4	1.4	0.04	0.000*	---	7.68	28.755
16342	29287	68110	50	503.4	414.5	1.4	0.04	0.000*	---	7	22.368
16343	29288	68110	50	884.2	696.3	1.4	0.04	0.000*	---	10.78	56.346
16344	29289	68110	50	489.8	404.4	1.4	0.04	0.000*	---	6.85	21.036
16345	29290	68110	50	438.3	366.3	1.4	0.04	0.000*	---	6.29	16.156
16346	29292	68110	50	507	417.1	1.4	0.04	0.000*	---	7.03	22.715
16347	29295	68110	50	375.9	320.1	1.4	0.04	0.000*	---	5.58	10.743

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16348	29298	68110	50	210.5	197.7	1.4	0.04	0.000*	---	3.61	1.519
16349	29312	68110	50	475.2	393.6	1.4	0.04	0.000*	---	6.69	19.627
16350	29315	68110	50	364.5	311.8	1.4	0.04	0.000*	---	5.45	9.847
16351	29319	68110	50	320.3	279	1.4	0.04	0.000*	---	4.94	6.671
16352	29323	68110	50	716.3	572.1	1.4	0.04	0.000*	---	9.19	42.828
16353	29324	68110	50	322.9	280.9	1.4	0.04	0.000*	---	4.97	6.841
16354	29329	68110	50	719.8	574.6	1.4	0.04	0.000*	---	9.22	43.136
16355	29332	68110	50	556	453.4	1.4	0.04	0.000*	---	7.56	27.554
16356	29338	68110	50	661.1	531.2	1.4	0.04	0.000*	---	8.64	37.761
16357	29345	68110	50	434.4	363.5	1.4	0.04	0.000*	---	6.24	15.802
16358	29346	68110	50	280.7	249.7	1.4	0.04	0.000*	---	4.47	4.333
16359	29350	68110	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.02
16360	29353	68110	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
16361	29359	68110	50	671.4	538.8	1.4	0.04	0.000*	---	8.74	38.722
16362	29360	68110	50	254.5	230.4	1.4	0.04	0.000*	---	4.15	3.083
16363	29361	68110	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.548
16364	29363	68110	50	743.4	592.1	1.4	0.04	0.000*	---	9.45	45.212
16365	29365	68110	50	318.2	277.5	1.4	0.04	0.000*	---	4.91	6.536
16366	29367	68110	50	504.3	415.1	1.4	0.04	0.000*	---	7.01	22.449
16367	29371	68110	50	666.2	535	1.4	0.04	0.000*	---	8.69	38.236
16368	29374	68110	50	478.3	395.9	1.4	0.04	0.000*	---	6.72	19.928
16369	29376	68110	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.227
16370	29382	68110	50	487.7	402.9	1.4	0.04	0.000*	---	6.83	20.837
16371	29387	68110	50	348.9	300.2	1.4	0.04	0.000*	---	5.27	8.659
16372	29389	68110	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.274
16373	29393	68110	50	241.1	220.4	1.4	0.04	0.000*	---	3.99	2.535
16374	29412	68110	50	582	472.7	1.4	0.04	0.000*	---	7.83	30.126
16375	29421	68110	50	353.1	303.3	1.4	0.04	0.000*	---	5.32	8.977
16376	29423	68110	50	341.3	294.6	1.4	0.04	0.000*	---	5.18	8.109
16377	29424	68110	50	428.3	359	1.4	0.04	0.000*	---	6.17	15.248
16378	29435	68110	50	202.1	191.6	1.4	0.04	0.000*	---	3.51	1.298
16379	29437	68110	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
16380	29447	68110	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.593
16381	29452	68110	50	251.4	228.1	1.4	0.04	0.000*	---	4.12	2.95
16382	29453	68110	50	161.1	161.3	1.4	0.04	0.000*	---	3	0.516
16383	29458	68110	50	565.9	460.8	1.4	0.04	0.000*	---	7.66	28.537
16384	29478	68110	50	551.8	450.3	1.4	0.04	0.000*	---	7.51	27.133
16385	29482	68110	50	291.8	257.9	1.4	0.04	0.000*	---	4.6	4.937
16386	29485	68110	50	1328.3	1025	1.4	0.04	0.000*	---	14.55	78.737
16387	29493	68110	50	526.5	431.6	1.4	0.04	0.000*	---	7.24	24.642
16388	29494	68110	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.76
16389	29500	68110	50	370	315.8	1.4	0.04	0.000*	---	5.51	10.272
16390	29503	68110	50	473.8	392.6	1.4	0.04	0.000*	---	6.68	19.497
16391	29505	68110	50	434	363.2	1.4	0.04	0.000*	---	6.24	15.764
16392	29506	68110	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.039
16393	29510	68110	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.979
16394	29513	68110	50	218	203.3	1.4	0.04	0.000*	---	3.71	1.738
16395	29515	68110	50	497.5	410.2	1.4	0.04	0.000*	---	6.93	21.791
16396	29524	68110	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.551
16397	29530	68110	50	457	380.2	1.4	0.04	0.000*	---	6.49	17.897
16398	29533	68110	50	422	354.3	1.4	0.04	0.000*	---	6.1	14.677
16399	29542	68110	50	227.1	210.1	1.4	0.04	0.000*	---	3.82	2.03
16400	29545	68110	50	495.5	408.7	1.4	0.04	0.000*	---	6.91	21.598
16401	29549	68110	50	502.2	413.6	1.4	0.04	0.000*	---	6.98	22.245
16402	29550	68110	50	518.2	425.5	1.4	0.04	0.000*	---	7.16	23.819
16403	29554	68110	50	221.4	205.8	1.4	0.04	0.000*	---	3.75	1.844
16404	29587	68110	50	309	270.7	1.4	0.04	0.000*	---	4.81	5.954
16405	29590	68110	50	315.4	275.4	1.4	0.04	0.000*	---	4.88	6.355
16406	29591	68110	50	445.3	371.5	1.4	0.04	0.000*	---	6.36	16.806
16407	29593	68110	50	573.4	466.3	1.4	0.04	0.000*	---	7.74	29.27
16408	29609	68110	50	739.7	589.4	1.4	0.04	0.000*	---	9.41	44.891

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16409	29610	68110	50	295.9	260.9	1.4	0.04	0.000*	---	4.65	5.167
16410	29634	68110	50	433.4	362.7	1.4	0.04	0.000*	---	6.23	15.703
16411	29637	68110	50	279.3	248.7	1.4	0.04	0.000*	---	4.45	4.26
16412	29640	68110	50	339.2	293	1.4	0.04	0.000*	---	5.16	7.963
16413	29645	68110	50	328.7	285.2	1.4	0.04	0.000*	---	5.04	7.229
16414	29647	68110	50	415.9	349.7	1.4	0.04	0.000*	---	6.03	14.13
16415	29651	68110	50	531.1	435	1.4	0.04	0.000*	---	7.29	25.092
16416	29653	68110	50	539.7	441.4	1.4	0.04	0.000*	---	7.38	25.945
16417	29657	68110	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.909
16418	29663	68110	50	666.5	535.2	1.4	0.04	0.000*	---	8.69	38.271
16419	29665	68110	50	467.6	388	1.4	0.04	0.000*	---	6.61	18.903
16420	29674	68110	50	582.6	473.1	1.4	0.04	0.000*	---	7.83	30.18
16421	29679	68110	50	513.8	422.3	1.4	0.04	0.000*	---	7.11	23.391
16422	29685	68110	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.221
16423	29686	68110	50	313.4	273.9	1.4	0.04	0.000*	---	4.86	6.227
16424	29687	68110	50	279	248.4	1.4	0.04	0.000*	---	4.45	4.243
16425	29692	68110	50	3663.5	2753	1.4	0.04	0.000*	---	28.34	98.667
16426	29693	68110	50	370.1	315.9	1.4	0.04	0.000*	---	5.52	10.28
16427	29696	68110	50	410.8	346	1.4	0.04	0.000*	---	5.98	13.683
16428	29698	68110	50	187.1	180.4	1.4	0.04	0.000*	---	3.32	0.954
16429	29701	68110	50	422.3	354.5	1.4	0.04	0.000*	---	6.11	14.707
16430	29708	68110	50	558.5	455.3	1.4	0.04	0.000*	---	7.58	27.796
16431	29719	68110	50	457.5	380.6	1.4	0.04	0.000*	---	6.5	17.948
16432	29723	68110	50	385.7	327.4	1.4	0.04	0.000*	---	5.69	11.544
16433	29726	68110	50	511.8	420.7	1.4	0.04	0.000*	---	7.09	23.185
16434	29728	68110	50	843.9	666.5	1.4	0.04	0.000*	---	10.41	53.382
16435	29730	68110	50	127.5	136.4	1.4	0.04	0.000*	---	2.56	0.189
16436	29732	68110	50	584.4	474.4	1.4	0.04	0.000*	---	7.85	30.355
16437	29734	68110	50	455.6	379.1	1.4	0.04	0.000*	---	6.48	17.765
16438	29738	68110	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
16439	29740	68110	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.62
16440	29742	68110	50	347.4	299.1	1.4	0.04	0.000*	---	5.26	8.554
16441	29744	68110	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.083
16442	29745	68110	50	339.4	293.1	1.4	0.04	0.000*	---	5.16	7.97
16443	29746	68110	50	651.9	524.4	1.4	0.04	0.000*	---	8.54	36.895
16444	29750	68110	50	885.2	697	1.4	0.04	0.000*	---	10.79	56.418
16445	29752	68110	50	468.9	389	1.4	0.04	0.000*	---	6.62	19.028
16446	29753	68110	50	745.5	593.6	1.4	0.04	0.000*	---	9.47	45.388
16447	29754	68110	50	157.1	158.3	1.4	0.04	0.000*	---	2.94	0.464
16448	29756	68110	50	158.1	159	1.4	0.04	0.000*	---	2.96	0.476
16449	29757	68110	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
16450	29758	68110	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
16451	29759	68110	50	120	130.8	1.4	0.04	0.000*	---	2.47	0.145
16452	29762	68110	50	644.1	518.7	1.4	0.04	0.000*	---	8.47	36.152
16453	29766	68110	50	279.1	248.5	1.4	0.04	0.000*	---	4.45	4.249
16454	29773	68110	50	318.2	277.5	1.4	0.04	0.000*	---	4.91	6.536
16455	29774	68110	50	166	164.8	1.4	0.04	0.000*	---	3.06	0.584
16456	29776	68110	50	414.5	348.7	1.4	0.04	0.000*	---	6.02	14.01
16457	29782	68110	50	66	90.8	1.4	0.04	0.000*	---	1.75	0.011
16458	29786	68110	50	450.8	375.6	1.4	0.04	0.000*	---	6.42	17.315
16459	29795	68110	50	309	270.6	1.4	0.04	0.000*	---	4.81	5.951
16460	29812	68110	50	390.4	330.9	1.4	0.04	0.000*	---	5.75	11.934
16461	29813	68110	50	794.4	629.9	1.4	0.04	0.000*	---	9.94	49.494
16462	29822	68110	50	489.5	404.2	1.4	0.04	0.000*	---	6.85	21.009
16463	29834	68110	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.78
16464	29836	68110	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.03
16465	29844	68110	50	229.9	212.1	1.4	0.04	0.000*	---	3.85	2.125
16466	29850	68110	50	225.1	208.6	1.4	0.04	0.000*	---	3.8	1.963
16467	29853	68110	50	27.9	62.7	1.4	0.04	0.000*	---	1.24	0
16468	29856	68110	50	37.7	69.9	1.4	0.04	0.000*	---	1.37	0.001
16469	29858	68110	50	42.2	73.2	1.4	0.04	0.000*	---	1.43	0.002

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16470	29862	68110	50	89.7	108.3	1.4	0.04	0.000*	---	2.07	0.04
16471	29866	68110	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.778
16472	29869	68110	50	90.9	109.3	1.4	0.04	0.000*	---	2.08	0.043
16473	29870	68110	50	126.1	135.3	1.4	0.04	0.000*	---	2.55	0.18
16474	29872	68110	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.252
16475	29873	68110	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
16476	29874	68110	50	466.5	387.2	1.4	0.04	0.000*	---	6.6	18.795
16477	29875	68110	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
16478	29877	68110	50	342.3	295.3	1.4	0.04	0.000*	---	5.2	8.182
16479	29878	68110	50	685	548.9	1.4	0.04	0.000*	---	8.88	39.991
16480	29879	68110	50	249	226.2	1.4	0.04	0.000*	---	4.09	2.848
16481	29880	68110	50	586.5	476	1.4	0.04	0.000*	---	7.88	30.569
16482	29882	68110	50	549.7	448.8	1.4	0.04	0.000*	---	7.49	26.928
16483	29883	68110	50	626.3	505.5	1.4	0.04	0.000*	---	8.28	34.444
16484	29884	68110	50	512.6	421.3	1.4	0.04	0.000*	---	7.1	23.269
16485	29885	68110	50	572.1	465.4	1.4	0.04	0.000*	---	7.73	29.147
16486	29886	68110	50	400.4	338.3	1.4	0.04	0.000*	---	5.86	12.787
16487	29887	68110	50	428.4	359	1.4	0.04	0.000*	---	6.17	15.249
16488	29892	68110	50	431.7	361.5	1.4	0.04	0.000*	---	6.21	15.552
16489	29906	68110	50	254.3	230.2	1.4	0.04	0.000*	---	4.15	3.072
16490	29908	68110	50	294.3	259.8	1.4	0.04	0.000*	---	4.63	5.075
16491	29909	68110	50	301.3	264.9	1.4	0.04	0.000*	---	4.71	5.483
16492	29911	68110	50	598.3	484.7	1.4	0.04	0.000*	---	8	31.717
16493	29913	68110	50	408.3	344.1	1.4	0.04	0.000*	---	5.95	13.466
16494	29914	68110	50	148.6	151.9	1.4	0.04	0.000*	---	2.83	0.366
16495	29916	68110	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.921
16496	29920	68110	50	235.9	216.6	1.4	0.04	0.000*	---	3.93	2.338
16497	29921	68110	50	308.9	270.6	1.4	0.04	0.000*	---	4.81	5.946
16498	29925	68110	50	294.5	259.9	1.4	0.04	0.000*	---	4.63	5.088
16499	29931	68110	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.256
16500	29934	68110	50	668.3	536.6	1.4	0.04	0.000*	---	8.71	38.438
16501	29936	68110	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.751
16502	29939	68110	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.844
16503	29941	68110	50	1204.8	933.6	1.4	0.04	0.000*	---	13.56	74.134
16504	29942	68110	50	521.5	427.9	1.4	0.04	0.000*	---	7.19	24.142
16505	29943	68110	50	433.7	362.9	1.4	0.04	0.000*	---	6.23	15.733
16506	29947	68110	50	544.1	444.6	1.4	0.04	0.000*	---	7.43	26.376
16507	29952	68110	50	266.9	239.5	1.4	0.04	0.000*	---	4.3	3.645
16508	29989	68110	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.462
16509	30009	68110	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
16510	30011	68110	50	127.5	136.4	1.4	0.04	0.000*	---	2.56	0.189
16511	30013	68110	50	336.7	291.2	1.4	0.04	0.000*	---	5.13	7.785
16512	30015	68110	50	102.9	118.2	1.4	0.04	0.000*	---	2.24	0.074
16513	30017	68110	50	120.1	130.9	1.4	0.04	0.000*	---	2.47	0.145
16514	30020	68110	50	293.9	259.5	1.4	0.04	0.000*	---	4.63	5.056
16515	30022	68110	50	458.9	381.6	1.4	0.04	0.000*	---	6.51	18.081
16516	30023	68110	50	741.6	590.8	1.4	0.04	0.000*	---	9.43	45.051
16517	30025	68110	50	137.9	144	1.4	0.04	0.000*	---	2.7	0.265
16518	30026	68110	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.351
16519	30028	68110	50	194.8	186.2	1.4	0.04	0.000*	---	3.42	1.121
16520	30030	68110	50	184.3	178.3	1.4	0.04	0.000*	---	3.29	0.897
16521	30031	68110	50	194	185.6	1.4	0.04	0.000*	---	3.41	1.103
16522	30033	68110	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.064
16523	30035	68110	50	454	377.9	1.4	0.04	0.000*	---	6.46	17.614
16524	30038	68110	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
16525	30043	68110	50	366.4	313.2	1.4	0.04	0.000*	---	5.47	9.994
16526	30046	68110	50	632.7	510.2	1.4	0.04	0.000*	---	8.35	35.063
16527	30053	68110	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.983
16528	30056	68110	50	391.6	331.8	1.4	0.04	0.000*	---	5.76	12.037
16529	30057	68110	50	591.7	479.9	1.4	0.04	0.000*	---	7.93	31.078
16530	30059	68110	50	250	227	1.4	0.04	0.000*	---	4.1	2.89

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16531	30061	68110	50	343.3	296	1.4	0.04	0.000*	---	5.21	8.252
16532	30064	68110	50	881.2	694.1	1.4	0.04	0.000*	---	10.75	56.13
16533	30096	68110	50	626.2	505.4	1.4	0.04	0.000*	---	8.28	34.437
16534	30108	68110	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
16535	30113	68110	50	294.8	260.2	1.4	0.04	0.000*	---	4.64	5.107
16536	30118	68110	50	207.7	195.7	1.4	0.04	0.000*	---	3.58	1.442
16537	30127	68110	50	87.4	106.7	1.4	0.04	0.000*	---	2.04	0.036
16538	30134	68110	50	125.9	135.2	1.4	0.04	0.000*	---	2.54	0.179
16539	30138	68110	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.321
16540	30142	68110	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
16541	30149	68110	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
16542	30151	68110	50	612.3	495.1	1.4	0.04	0.000*	---	8.14	33.085
16543	30152	68110	50	364.8	312	1.4	0.04	0.000*	---	5.46	9.867
16544	30172	68110	50	423.1	355.1	1.4	0.04	0.000*	---	6.12	14.78
16545	30181	68110	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.195
16546	30186	68110	50	514.8	423	1.4	0.04	0.000*	---	7.12	23.488
16547	30189	68110	50	222.3	206.5	1.4	0.04	0.000*	---	3.76	1.872
16548	30193	68110	50	332.7	288.2	1.4	0.04	0.000*	---	5.08	7.506
16549	30210	68110	50	1227.2	950.1	1.4	0.04	0.000*	---	13.74	75.044
16550	30247	68110	50	799.3	633.5	1.4	0.04	0.000*	---	9.99	49.889
16551	30250	68110	50	179.1	174.6	1.4	0.04	0.000*	---	3.22	0.799
16552	30266	68110	50	873.6	688.5	1.4	0.04	0.000*	---	10.68	55.584
16553	30271	68110	50	323.3	281.2	1.4	0.04	0.000*	---	4.97	6.865
16554	30277	68110	50	210.8	197.9	1.4	0.04	0.000*	---	3.62	1.527
16555	30279	68110	50	184.8	178.8	1.4	0.04	0.000*	---	3.29	0.907
16556	30281	68110	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
16557	30284	68110	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
16558	30287	68110	50	93.3	111	1.4	0.04	0.000*	---	2.12	0.048
16559	30291	68110	50	367	313.6	1.4	0.04	0.000*	---	5.48	10.04
16560	30305	68110	50	605.6	490.1	1.4	0.04	0.000*	---	8.07	32.431
16561	30323	68110	50	447.7	373.3	1.4	0.04	0.000*	---	6.39	17.026
16562	30331	68110	50	296.2	261.2	1.4	0.04	0.000*	---	4.65	5.185
16563	30336	68110	50	314.7	274.9	1.4	0.04	0.000*	---	4.87	6.309
16564	30342	68110	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
16565	30344	68110	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.143
16566	30348	68110	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.586
16567	30351	68110	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
16568	30356	68110	50	479.7	397	1.4	0.04	0.000*	---	6.74	20.067
16569	30357	68110	50	379.9	323.1	1.4	0.04	0.000*	---	5.63	11.065
16570	30359	68110	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.194
16571	30370	68110	50	107.1	121.3	1.4	0.04	0.000*	---	2.3	0.088
16572	30372	68110	50	197.3	188	1.4	0.04	0.000*	---	3.45	1.18
16573	30376	68110	50	654.7	526.5	1.4	0.04	0.000*	---	8.57	37.159
16574	30381	68110	50	1016.6	794.3	1.4	0.04	0.000*	---	11.97	64.874
16575	30389	68110	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.024
16576	30394	68110	50	773.8	614.7	1.4	0.04	0.000*	---	9.74	47.8
16577	30397	68110	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.89
16578	30403	68110	50	300	264	1.4	0.04	0.000*	---	4.7	5.405
16579	30405	68110	50	732.7	584.2	1.4	0.04	0.000*	---	9.35	44.274
16580	30407	68110	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.117
16581	30409	68110	50	605.4	490	1.4	0.04	0.000*	---	8.07	32.419
16582	30410	68110	50	423.8	355.6	1.4	0.04	0.000*	---	6.12	14.841
16583	30414	68110	50	464	385.4	1.4	0.04	0.000*	---	6.57	18.562
16584	30422	68110	50	420.6	353.2	1.4	0.04	0.000*	---	6.09	14.549
16585	30436	68110	50	380.8	323.8	1.4	0.04	0.000*	---	5.64	11.14
16586	30438	68110	50	209.9	197.3	1.4	0.04	0.000*	---	3.61	1.504
16587	30443	68110	50	642	517	1.4	0.04	0.000*	---	8.44	35.946
16588	30446	68110	50	500.3	412.2	1.4	0.04	0.000*	---	6.96	22.066
16589	30459	68110	50	292.2	258.2	1.4	0.04	0.000*	---	4.61	4.959
16590	30469	68110	50	333.7	289	1.4	0.04	0.000*	---	5.1	7.576
16591	30470	68110	50	246.9	224.7	1.4	0.04	0.000*	---	4.06	2.762

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16592	30472	68110	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.884
16593	30478	68110	50	147.5	151.1	1.4	0.04	0.000*	---	2.82	0.354
16594	30481	68110	50	137.1	143.4	1.4	0.04	0.000*	---	2.69	0.259
16595	30487	68110	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.675
16596	30492	68110	50	221.6	206	1.4	0.04	0.000*	---	3.75	1.851
16597	30493	68110	50	894.7	704.1	1.4	0.04	0.000*	---	10.88	57.092
16598	30495	68110	50	183.3	177.6	1.4	0.04	0.000*	---	3.28	0.878
16599	30500	68110	50	208	195.9	1.4	0.04	0.000*	---	3.58	1.451
16600	30510	68110	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
16601	30516	68110	50	713.3	569.8	1.4	0.04	0.000*	---	9.16	42.56
16602	30519	68110	50	441.7	368.9	1.4	0.04	0.000*	---	6.32	16.472
16603	30524	68110	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.317
16604	30527	68110	50	490	404.6	1.4	0.04	0.000*	---	6.85	21.065
16605	30541	68110	50	594.4	481.8	1.4	0.04	0.000*	---	7.96	31.337
16606	30542	68110	50	452.7	377	1.4	0.04	0.000*	---	6.44	17.494
16607	30543	68110	50	440.5	368	1.4	0.04	0.000*	---	6.31	16.361
16608	30546	68110	50	470.3	390	1.4	0.04	0.000*	---	6.64	19.163
16609	30551	68110	50	647.6	521.3	1.4	0.04	0.000*	---	8.5	36.486
16610	30553	68110	50	347.3	299	1.4	0.04	0.000*	---	5.25	8.546
16611	30556	68110	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.856
16612	30565	68110	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.63
16613	30566	68110	50	533.8	437	1.4	0.04	0.000*	---	7.32	25.353
16614	30568	68110	50	478.6	396.2	1.4	0.04	0.000*	---	6.73	19.962
16615	30575	68110	50	745.6	593.8	1.4	0.04	0.000*	---	9.47	45.403
16616	30579	68110	50	486	401.7	1.4	0.04	0.000*	---	6.81	20.677
16617	30582	68110	50	502.7	414	1.4	0.04	0.000*	---	6.99	22.294
16618	30590	68110	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.301
16619	30593	68110	50	266.9	239.5	1.4	0.04	0.000*	---	4.3	3.643
16620	30594	68110	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.192
16621	30598	68110	50	315.5	275.5	1.4	0.04	0.000*	---	4.88	6.358
16622	30599	68110	50	137	143.4	1.4	0.04	0.000*	---	2.69	0.258
16623	30604	68110	50	304.3	267.1	1.4	0.04	0.000*	---	4.75	5.661
16624	30607	68110	50	284.9	252.8	1.4	0.04	0.000*	---	4.52	4.554
16625	30611	68110	50	257.9	232.9	1.4	0.04	0.000*	---	4.2	3.231
16626	30615	68110	50	542.8	443.7	1.4	0.04	0.000*	---	7.42	26.247
16627	30631	68110	50	328.6	285.1	1.4	0.04	0.000*	---	5.04	7.22
16628	30632	68110	50	422.4	354.6	1.4	0.04	0.000*	---	6.11	14.715
16629	30633	68110	50	458.1	381	1.4	0.04	0.000*	---	6.5	18.004
16630	30636	68110	50	608.3	492.1	1.4	0.04	0.000*	---	8.1	32.693
16631	30637	68110	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.873
16632	30651	68110	50	374.4	319	1.4	0.04	0.000*	---	5.57	10.621
16633	30655	68110	50	454.4	378.2	1.4	0.04	0.000*	---	6.46	17.652
16634	30657	68110	50	347	298.8	1.4	0.04	0.000*	---	5.25	8.519
16635	30665	68110	50	503.6	414.6	1.4	0.04	0.000*	---	7	22.382
16636	30668	68110	50	512.4	421.2	1.4	0.04	0.000*	---	7.09	23.252
16637	30680	68110	50	385.1	327	1.4	0.04	0.000*	---	5.69	11.495
16638	30681	68110	50	180.8	175.8	1.4	0.04	0.000*	---	3.24	0.83
16639	30682	68110	50	400.4	338.3	1.4	0.04	0.000*	---	5.86	12.781
16640	30688	68110	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.056
16641	30689	68110	50	388.9	329.8	1.4	0.04	0.000*	---	5.73	11.814
16642	30698	68110	50	386.4	327.9	1.4	0.04	0.000*	---	5.7	11.599
16643	30705	68110	50	409.3	344.9	1.4	0.04	0.000*	---	5.96	13.554
16644	30710	68110	50	172.5	169.6	1.4	0.04	0.000*	---	3.14	0.684
16645	30715	68110	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
16646	30719	68110	50	263.5	237	1.4	0.04	0.000*	---	4.26	3.486
16647	30720	68110	50	150.1	153.1	1.4	0.04	0.000*	---	2.85	0.382
16648	30724	68110	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
16649	30727	68110	50	363.6	311	1.4	0.04	0.000*	---	5.44	9.771
16650	30730	68110	50	459.1	381.8	1.4	0.04	0.000*	---	6.52	18.099
16651	30734	68110	50	369.1	315.1	1.4	0.04	0.000*	---	5.51	10.206
16652	30736	68110	50	122.6	132.7	1.4	0.04	0.000*	---	2.5	0.159

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16653	30738	68110	50	538.8	440.7	1.4	0.04	0.000*	---	7.37	25.853
16654	30739	68110	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
16655	30740	68110	50	374.8	319.3	1.4	0.04	0.000*	---	5.57	10.656
16656	30741	68110	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
16657	30748	68110	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
16658	30771	68110	50	419.7	352.6	1.4	0.04	0.000*	---	6.08	14.473
16659	30774	68110	50	435.2	364	1.4	0.04	0.000*	---	6.25	15.871
16660	30778	68110	50	663.4	532.9	1.4	0.04	0.000*	---	8.66	37.977
16661	30784	68110	50	250	227	1.4	0.04	0.000*	---	4.1	2.891
16662	30786	68110	50	634.1	511.3	1.4	0.04	0.000*	---	8.36	35.196
16663	30788	68110	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.164
16664	30789	68110	50	880.1	693.3	1.4	0.04	0.000*	---	10.74	56.051
16665	30797	68110	50	452.6	376.9	1.4	0.04	0.000*	---	6.44	17.484
16666	30803	68110	50	501.4	413	1.4	0.04	0.000*	---	6.98	22.171
16667	30811	68110	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
16668	30815	68110	50	355.7	305.2	1.4	0.04	0.000*	---	5.35	9.166
16669	30827	68110	50	431.5	361.3	1.4	0.04	0.000*	---	6.21	15.534
16670	30840	68110	50	551.2	449.9	1.4	0.04	0.000*	---	7.51	27.08
16671	30842	68110	50	727.4	580.3	1.4	0.04	0.000*	---	9.29	43.816
16672	30845	68110	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.3
16673	30851	68110	50	57.5	84.5	1.4	0.04	0.000*	---	1.64	0.006
16674	30852	68110	50	46.4	76.3	1.4	0.04	0.000*	---	1.49	0.003
16675	30853	68110	50	345.7	297.9	1.4	0.04	0.000*	---	5.24	8.43
16676	30854	68110	50	109.1	122.8	1.4	0.04	0.000*	---	2.32	0.095
16677	30865	68110	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.035
16678	30867	68110	50	67.5	91.9	1.4	0.04	0.000*	---	1.77	0.012
16679	30869	68110	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.856
16680	30870	68110	50	405.4	342	1.4	0.04	0.000*	---	5.92	13.21
16681	30872	68110	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.575
16682	30875	68110	50	386.8	328.2	1.4	0.04	0.000*	---	5.71	11.635
16683	30878	68110	50	294.4	259.9	1.4	0.04	0.000*	---	4.63	5.085
16684	30883	68110	50	456	379.4	1.4	0.04	0.000*	---	6.48	17.799
16685	30890	68110	50	406.3	342.6	1.4	0.04	0.000*	---	5.93	13.288
16686	30892	68110	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227
16687	30896	68110	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.46
16688	30900	68110	50	377.2	321.1	1.4	0.04	0.000*	---	5.6	10.852
16689	30924	68110	50	338	292.1	1.4	0.04	0.000*	---	5.15	7.873
16690	30938	68110	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.187
16691	30940	68110	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
16692	30944	68110	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
16693	30950	68110	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
16694	30954	68110	50	579	470.4	1.4	0.04	0.000*	---	7.8	29.822
16695	30961	68110	50	407.5	343.5	1.4	0.04	0.000*	---	5.94	13.397
16696	30963	68110	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.891
16697	30980	68110	50	259.1	233.7	1.4	0.04	0.000*	---	4.21	3.283
16698	30982	68110	50	553.1	451.3	1.4	0.04	0.000*	---	7.53	27.271
16699	30986	68110	50	207.8	195.8	1.4	0.04	0.000*	---	3.58	1.446
16700	30987	68110	50	1491.7	1145.9	1.4	0.04	0.000*	---	15.8	83.464
16701	30992	68110	50	427.2	358.1	1.4	0.04	0.000*	---	6.16	15.146
16702	30994	68110	50	288.5	255.4	1.4	0.04	0.000*	---	4.56	4.75
16703	30998	68110	50	275.6	245.9	1.4	0.04	0.000*	---	4.41	4.071
16704	31002	68110	50	311.4	272.5	1.4	0.04	0.000*	---	4.83	6.102
16705	31021	68110	50	103.8	118.8	1.4	0.04	0.000*	---	2.25	0.076
16706	31025	68110	50	134.4	141.5	1.4	0.04	0.000*	---	2.65	0.238
16707	31028	68110	50	329.8	286.1	1.4	0.04	0.000*	---	5.05	7.307
16708	31033	68110	50	505.6	416.2	1.4	0.04	0.000*	---	7.02	22.585
16709	31038	68110	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.381
16710	31039	68110	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
16711	31043	68110	50	349	300.2	1.4	0.04	0.000*	---	5.27	8.665
16712	31048	68110	50	674.7	541.3	1.4	0.04	0.000*	---	8.77	39.036
16713	31068	68110	50	481.4	398.2	1.4	0.04	0.000*	---	6.76	20.228

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16714	31084	68110	50	135.6	142.3	1.4	0.04	0.000*	---	2.67	0.247
16715	31085	68110	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
16716	31094	68110	50	480.8	397.8	1.4	0.04	0.000*	---	6.75	20.166
16717	31097	68110	50	461.7	383.6	1.4	0.04	0.000*	---	6.54	18.342
16718	31098	68110	50	435	363.9	1.4	0.04	0.000*	---	6.25	15.851
16719	31105	68110	50	72.9	95.9	1.4	0.04	0.000*	---	1.85	0.016
16720	31111	68110	50	195.6	186.7	1.4	0.04	0.000*	---	3.43	1.139
16721	31150	68110	50	493.6	407.3	1.4	0.04	0.000*	---	6.89	21.41
16722	31153	68110	50	339.1	292.9	1.4	0.04	0.000*	---	5.16	7.951
16723	31155	68110	50	567.9	462.3	1.4	0.04	0.000*	---	7.68	28.734
16724	31157	68110	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.757
16725	31158	68110	50	354.5	304.4	1.4	0.04	0.000*	---	5.34	9.082
16726	31160	68110	50	397	335.8	1.4	0.04	0.000*	---	5.82	12.495
16727	31165	68110	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.487
16728	31166	68110	50	520.9	427.4	1.4	0.04	0.000*	---	7.18	24.082
16729	31170	68110	50	376.7	320.8	1.4	0.04	0.000*	---	5.59	10.809
16730	31174	68110	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
16731	31177	68110	50	610.7	493.9	1.4	0.04	0.000*	---	8.13	32.935
16732	31187	68110	50	355.2	304.9	1.4	0.04	0.000*	---	5.35	9.134
16733	31195	68110	50	39.4	71.2	1.4	0.04	0.000*	---	1.4	0.001
16734	31197	68110	50	72.8	95.9	1.4	0.04	0.000*	---	1.84	0.016
16735	31201	68110	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
16736	31204	68110	50	72.5	95.6	1.4	0.04	0.000*	---	1.84	0.016
16737	31216	68110	50	438.5	366.5	1.4	0.04	0.000*	---	6.29	16.179
16738	31223	68110	50	529.4	433.7	1.4	0.04	0.000*	---	7.27	24.92
16739	31224	68110	50	115.5	127.4	1.4	0.04	0.000*	---	2.41	0.122
16740	31228	68110	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.793
16741	31231	68110	50	368.7	314.8	1.4	0.04	0.000*	---	5.5	10.171
16742	31235	68110	50	553.6	451.7	1.4	0.04	0.000*	---	7.53	27.321
16743	31250	68110	50	554.7	452.5	1.4	0.04	0.000*	---	7.54	27.423
16744	31260	68110	50	155.5	157	1.4	0.04	0.000*	---	2.92	0.443
16745	31263	68110	50	536.8	439.3	1.4	0.04	0.000*	---	7.35	25.659
16746	31278	68110	50	622	502.3	1.4	0.04	0.000*	---	8.24	34.025
16747	31289	68110	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.756
16748	31290	68110	50	520.9	427.5	1.4	0.04	0.000*	---	7.18	24.088
16749	31293	68110	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.461
16750	31314	68110	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
16751	31326	68110	50	116.2	127.9	1.4	0.04	0.000*	---	2.42	0.125
16752	31327	68110	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
16753	31329	68110	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.003
16754	31332	68110	50	388.6	329.6	1.4	0.04	0.000*	---	5.73	11.785
16755	31335	68110	50	355.6	305.2	1.4	0.04	0.000*	---	5.35	9.165
16756	31343	68110	50	332.2	287.9	1.4	0.04	0.000*	---	5.08	7.473
16757	31347	68110	50	470.8	390.4	1.4	0.04	0.000*	---	6.64	19.21
16758	31350	68110	50	192.8	184.7	1.4	0.04	0.000*	---	3.39	1.076
16759	31354	68110	50	582.5	473	1.4	0.04	0.000*	---	7.83	30.166
16760	31359	68110	50	388.8	329.7	1.4	0.04	0.000*	---	5.73	11.799
16761	31369	68110	50	338.1	292.2	1.4	0.04	0.000*	---	5.15	7.885
16762	31394	68110	50	332.5	288	1.4	0.04	0.000*	---	5.08	7.488
16763	31399	68110	50	368.6	314.7	1.4	0.04	0.000*	---	5.5	10.161
16764	31401	68110	50	1248.3	965.8	1.4	0.04	0.000*	---	13.91	75.871
16765	31410	68110	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.895
16766	31422	68110	50	324.7	282.3	1.4	0.04	0.000*	---	4.99	6.96
16767	31448	68110	50	285.7	253.4	1.4	0.04	0.000*	---	4.53	4.598
16768	31459	68110	50	463	384.6	1.4	0.04	0.000*	---	6.56	18.468
16769	31462	68110	50	178.3	174	1.4	0.04	0.000*	---	3.21	0.785
16770	31466	68110	50	315.8	275.7	1.4	0.04	0.000*	---	4.89	6.377
16771	31486	68110	50	227.1	210	1.4	0.04	0.000*	---	3.82	2.029
16772	31493	68110	50	329	285.4	1.4	0.04	0.000*	---	5.04	7.249
16773	31496	68110	50	127.1	136.1	1.4	0.04	0.000*	---	2.56	0.187
16774	31504	68110	50	140.4	145.9	1.4	0.04	0.000*	---	2.73	0.287

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16775	31536	68110	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.677
16776	31537	68110	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
16777	31539	68110	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393
16778	31543	68110	50	221	205.5	1.4	0.04	0.000*	---	3.74	1.831
16779	31552	68110	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
16780	31568	68110	50	747.8	595.4	1.4	0.04	0.000*	---	9.49	45.594
16781	31594	68110	50	250.2	227.1	1.4	0.04	0.000*	---	4.1	2.898
16782	31596	68110	50	369.1	315.1	1.4	0.04	0.000*	---	5.51	10.204
16783	31605	68110	50	451.2	375.9	1.4	0.04	0.000*	---	6.43	17.353
16784	31614	68110	50	697.8	558.4	1.4	0.04	0.000*	---	9	41.157
16785	31623	68110	50	288.2	255.3	1.4	0.04	0.000*	---	4.56	4.737
16786	31630	68110	50	385.4	327.2	1.4	0.04	0.000*	---	5.69	11.517
16787	31632	68110	50	427.1	358	1.4	0.04	0.000*	---	6.16	15.134
16788	31633	68110	50	646.6	520.5	1.4	0.04	0.000*	---	8.49	36.392
16789	31639	68110	50	464.1	385.5	1.4	0.04	0.000*	---	6.57	18.572
16790	31645	68110	50	372.7	317.8	1.4	0.04	0.000*	---	5.55	10.488
16791	31648	68110	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.942
16792	31652	68110	50	261.8	235.8	1.4	0.04	0.000*	---	4.24	3.407
16793	31665	68110	50	169.5	167.4	1.4	0.04	0.000*	---	3.1	0.637
16794	31675	68110	50	323	281	1.4	0.04	0.000*	---	4.97	6.849
16795	31690	68110	50	415.8	349.7	1.4	0.04	0.000*	---	6.03	14.123
16796	31709	68110	50	418.4	351.6	1.4	0.04	0.000*	---	6.06	14.358
16797	31720	68110	50	345.1	297.4	1.4	0.04	0.000*	---	5.23	8.382
16798	31738	68110	50	531.7	435.4	1.4	0.04	0.000*	---	7.3	25.147
16799	31743	68110	50	474.1	392.8	1.4	0.04	0.000*	---	6.68	19.523
16800	31749	68110	50	854.1	674.1	1.4	0.04	0.000*	---	10.5	54.15
16801	31753	68110	50	341.7	294.9	1.4	0.04	0.000*	---	5.19	8.139
16802	31757	68110	50	508.4	418.2	1.4	0.04	0.000*	---	7.05	22.856
16803	31760	68110	50	66	90.8	1.4	0.04	0.000*	---	1.75	0.011
16804	31767	68110	50	418.5	351.6	1.4	0.04	0.000*	---	6.06	14.36
16805	31781	68110	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.988
16806	31807	68110	50	467.2	387.7	1.4	0.04	0.000*	---	6.6	18.863
16807	31814	68110	50	197.3	188	1.4	0.04	0.000*	---	3.45	1.18
16808	31818	68110	50	301.8	265.3	1.4	0.04	0.000*	---	4.72	5.514
16809	31820	68110	50	268.6	240.8	1.4	0.04	0.000*	---	4.32	3.726
16810	31830	68110	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.651
16811	31832	68110	50	536.2	438.8	1.4	0.04	0.000*	---	7.35	25.596
16812	31842	68110	50	214.5	200.7	1.4	0.04	0.000*	---	3.66	1.635
16813	31867	68110	50	518	425.3	1.4	0.04	0.000*	---	7.15	23.803
16814	31893	68110	50	430.5	360.6	1.4	0.04	0.000*	---	6.2	15.445
16815	31898	68110	50	488.6	403.6	1.4	0.04	0.000*	---	6.84	20.926
16816	31912	68110	50	237.8	218	1.4	0.04	0.000*	---	3.95	2.411
16817	31920	68110	50	193.9	185.4	1.4	0.04	0.000*	---	3.41	1.1
16818	31931	68110	50	426.9	357.9	1.4	0.04	0.000*	---	6.16	15.113
16819	31942	68110	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.104
16820	31951	68110	50	772.4	613.6	1.4	0.04	0.000*	---	9.73	47.677
16821	31953	68110	50	169.8	167.6	1.4	0.04	0.000*	---	3.11	0.642
16822	31956	68110	50	332.3	287.9	1.4	0.04	0.000*	---	5.08	7.479
16823	31957	68110	50	371.8	317.1	1.4	0.04	0.000*	---	5.54	10.417
16824	31959	68110	50	245.8	223.9	1.4	0.04	0.000*	---	4.05	2.72
16825	31962	68110	50	586.9	476.3	1.4	0.04	0.000*	---	7.88	30.604
16826	31966	68110	50	497.3	410	1.4	0.04	0.000*	---	6.93	21.774
16827	31982	68110	50	580.9	471.9	1.4	0.04	0.000*	---	7.82	30.013
16828	31990	68110	50	99.3	115.5	1.4	0.04	0.000*	---	2.2	0.063
16829	32019	68110	50	620.1	500.9	1.4	0.04	0.000*	---	8.22	33.845
16830	32029	68110	50	658.9	529.6	1.4	0.04	0.000*	---	8.61	37.551
16831	32039	68110	50	171.2	168.7	1.4	0.04	0.000*	---	3.12	0.663
16832	32043	68110	50	281.1	250	1.4	0.04	0.000*	---	4.47	4.353
16833	32044	68110	50	457.7	380.7	1.4	0.04	0.000*	---	6.5	17.961
16834	32056	68110	50	386.5	328	1.4	0.04	0.000*	---	5.7	11.614
16835	32060	68110	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.048

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16836	32063	68110	50	679.1	544.5	1.4	0.04	0.000*	---	8.82	39.438
16837	32068	68110	50	214.5	200.7	1.4	0.04	0.000*	---	3.66	1.634
16838	32069	68110	50	530	434.2	1.4	0.04	0.000*	---	7.28	24.983
16839	32078	68110	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.737
16840	32080	68110	50	303	266.2	1.4	0.04	0.000*	---	4.74	5.586
16841	32086	68110	50	170.2	168	1.4	0.04	0.000*	---	3.11	0.648
16842	32088	68110	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.456
16843	32122	68110	50	484.5	400.5	1.4	0.04	0.000*	---	6.79	20.528
16844	32127	68110	50	684.3	548.4	1.4	0.04	0.000*	---	8.87	39.924
16845	32130	68110	50	353.3	303.5	1.4	0.04	0.000*	---	5.32	8.991
16846	32135	68110	50	670	537.8	1.4	0.04	0.000*	---	8.73	38.598
16847	32141	68110	50	455	378.7	1.4	0.04	0.000*	---	6.47	17.71
16848	32165	68110	50	396.1	335.1	1.4	0.04	0.000*	---	5.81	12.414
16849	32173	68110	50	1598.1	1224.6	1.4	0.04	0.000*	---	16.58	85.886
16850	32211	68110	50	538.1	440.2	1.4	0.04	0.000*	---	7.37	25.781
16851	32214	68110	50	341.9	295	1.4	0.04	0.000*	---	5.19	8.153
16852	32216	68110	50	94.7	112.1	1.4	0.04	0.000*	---	2.14	0.051
16853	32220	68110	50	319.7	278.6	1.4	0.04	0.000*	---	4.93	6.631
16854	32223	68110	50	487.2	402.5	1.4	0.04	0.000*	---	6.82	20.788
16855	32229	68110	50	237.7	217.9	1.4	0.04	0.000*	---	3.95	2.404
16856	32238	68110	50	378.6	322.2	1.4	0.04	0.000*	---	5.61	10.965
16857	32242	68110	50	473.8	392.6	1.4	0.04	0.000*	---	6.68	19.492
16858	32245	68110	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.538
16859	32247	68110	50	237.5	217.8	1.4	0.04	0.000*	---	3.95	2.4
16860	32254	68110	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
16861	32258	68110	50	454.3	378.1	1.4	0.04	0.000*	---	6.46	17.641
16862	32271	68110	50	388.1	329.2	1.4	0.04	0.000*	---	5.72	11.749
16863	32290	68110	50	418.6	351.8	1.4	0.04	0.000*	---	6.07	14.376
16864	32292	68110	50	347.5	299.2	1.4	0.04	0.000*	---	5.26	8.562
16865	32295	68110	50	697.5	558.2	1.4	0.04	0.000*	---	9	41.135
16866	32299	68110	50	114.8	126.9	1.4	0.04	0.000*	---	2.4	0.119
16867	32312	68110	50	206.2	194.6	1.4	0.04	0.000*	---	3.56	1.402
16868	32329	68110	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.218
16869	32343	68110	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
16870	32354	68110	50	362.1	309.9	1.4	0.04	0.000*	---	5.42	9.654
16871	32356	68110	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.716
16872	32357	68110	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
16873	32363	68110	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.233
16874	32373	68110	50	583.7	474	1.4	0.04	0.000*	---	7.85	30.291
16875	32392	68110	50	303.2	266.4	1.4	0.04	0.000*	---	4.74	5.599
16876	32394	68110	50	301.2	264.9	1.4	0.04	0.000*	---	4.71	5.477
16877	32401	68110	50	388.1	329.2	1.4	0.04	0.000*	---	5.72	11.746
16878	32402	68110	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
16879	32404	68110	50	303.1	266.3	1.4	0.04	0.000*	---	4.74	5.592
16880	32422	68110	50	464.5	385.7	1.4	0.04	0.000*	---	6.57	18.604
16881	32448	68110	50	530.3	434.4	1.4	0.04	0.000*	---	7.28	25.011
16882	32468	68110	50	409	344.6	1.4	0.04	0.000*	---	5.96	13.525
16883	32469	68110	50	577.6	469.4	1.4	0.04	0.000*	---	7.78	29.684
16884	32471	68110	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.796
16885	32484	68110	50	346.4	298.3	1.4	0.04	0.000*	---	5.24	8.475
16886	32493	68110	50	353.1	303.3	1.4	0.04	0.000*	---	5.32	8.974
16887	32495	68110	50	589.7	478.4	1.4	0.04	0.000*	---	7.91	30.878
16888	32500	68110	50	255.4	231	1.4	0.04	0.000*	---	4.17	3.122
16889	32508	68110	50	271.2	242.7	1.4	0.04	0.000*	---	4.36	3.853
16890	32516	68110	50	919.1	722.1	1.4	0.04	0.000*	---	11.1	58.772
16891	32520	68110	50	649.2	522.4	1.4	0.04	0.000*	---	8.52	36.639
16892	32525	68110	50	613.2	495.7	1.4	0.04	0.000*	---	8.15	33.17
16893	32526	68110	50	375.2	319.6	1.4	0.04	0.000*	---	5.57	10.686
16894	32529	68110	50	284.8	252.8	1.4	0.04	0.000*	---	4.52	4.553
16895	32536	68110	50	500.9	412.6	1.4	0.04	0.000*	---	6.97	22.12
16896	32540	68110	50	565.9	460.8	1.4	0.04	0.000*	---	7.66	28.537

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16897	32564	68110	50	379.3	322.7	1.4	0.04	0.000*	---	5.62	11.021
16898	32570	68110	50	313.1	273.7	1.4	0.04	0.000*	---	4.85	6.205
16899	32584	68110	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.224
16900	32588	68110	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.188
16901	32601	68110	50	365.9	312.8	1.4	0.04	0.000*	---	5.47	9.953
16902	32610	68110	50	229.9	212.1	1.4	0.04	0.000*	---	3.85	2.124
16903	32621	68110	50	418.1	351.4	1.4	0.04	0.000*	---	6.06	14.33
16904	32627	68110	50	471.9	391.2	1.4	0.04	0.000*	---	6.66	19.314
16905	32628	68110	50	576.8	468.8	1.4	0.04	0.000*	---	7.77	29.603
16906	32635	68110	50	310.6	271.9	1.4	0.04	0.000*	---	4.83	6.051
16907	32637	68110	50	355.2	304.9	1.4	0.04	0.000*	---	5.35	9.133
16908	32641	68110	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.826
16909	32645	68110	50	361.4	309.4	1.4	0.04	0.000*	---	5.42	9.6
16910	32650	68110	50	546.2	446.2	1.4	0.04	0.000*	---	7.45	26.585
16911	32657	68110	50	304.1	267	1.4	0.04	0.000*	---	4.75	5.652
16912	32660	68110	50	179.1	174.6	1.4	0.04	0.000*	---	3.22	0.799
16913	32666	68110	50	1055.6	823.1	1.4	0.04	0.000*	---	12.3	67.047
16914	32683	68110	50	318.6	277.8	1.4	0.04	0.000*	---	4.92	6.562
16915	32700	68110	50	480.6	397.6	1.4	0.04	0.000*	---	6.75	20.15
16916	32707	68110	50	375.7	320	1.4	0.04	0.000*	---	5.58	10.732
16917	32712	68110	50	376.7	320.8	1.4	0.04	0.000*	---	5.59	10.81
16918	32716	68110	50	338.4	292.5	1.4	0.04	0.000*	---	5.15	7.906
16919	32719	68110	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.022
16920	32721	68110	50	286.4	253.9	1.4	0.04	0.000*	---	4.54	4.636
16921	32723	68110	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.25
16922	32727	68110	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.773
16923	32728	68110	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.451
16924	32729	68110	50	355.6	305.1	1.4	0.04	0.000*	---	5.35	9.16
16925	32732	68110	50	696	557	1.4	0.04	0.000*	---	8.98	40.992
16926	32733	68110	50	657	528.2	1.4	0.04	0.000*	---	8.6	37.374
16927	32734	68110	50	388.4	329.4	1.4	0.04	0.000*	---	5.73	11.77
16928	32744	68110	50	247.1	224.8	1.4	0.04	0.000*	---	4.06	2.771
16929	32752	68110	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.177
16930	32769	68110	50	693.5	555.2	1.4	0.04	0.000*	---	8.96	40.766
16931	32786	68110	50	279.4	248.8	1.4	0.04	0.000*	---	4.45	4.268
16932	32788	68110	50	485.7	401.4	1.4	0.04	0.000*	---	6.81	20.645
16933	32801	68110	50	309.8	271.2	1.4	0.04	0.000*	---	4.82	6
16934	32822	68110	50	508.1	418	1.4	0.04	0.000*	---	7.05	22.83
16935	32826	68110	50	325.2	282.6	1.4	0.04	0.000*	---	5	6.994
16936	32828	68110	50	297.4	262.1	1.4	0.04	0.000*	---	4.67	5.255
16937	32839	68110	50	737.7	587.9	1.4	0.04	0.000*	---	9.39	44.715
16938	32849	68110	50	537.5	439.7	1.4	0.04	0.000*	---	7.36	25.719
16939	32850	68110	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.45
16940	32867	68110	50	703.2	562.4	1.4	0.04	0.000*	---	9.06	41.648
16941	32869	68110	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.173
16942	32872	68110	50	439.3	367.1	1.4	0.04	0.000*	---	6.3	16.246
16943	32875	68110	50	393.9	333.5	1.4	0.04	0.000*	---	5.79	12.234
16944	32883	68110	50	394.8	334.1	1.4	0.04	0.000*	---	5.8	12.304
16945	32887	68110	50	391.2	331.5	1.4	0.04	0.000*	---	5.76	12.002
16946	32895	68110	50	143.9	148.4	1.4	0.04	0.000*	---	2.77	0.319
16947	32899	68110	50	286.5	254	1.4	0.04	0.000*	---	4.54	4.644
16948	32903	68110	50	458.3	381.1	1.4	0.04	0.000*	---	6.51	18.019
16949	32908	68110	50	703.1	562.3	1.4	0.04	0.000*	---	9.06	41.639
16950	32915	68110	50	493.8	407.4	1.4	0.04	0.000*	---	6.89	21.424
16951	32919	68110	50	584.2	474.3	1.4	0.04	0.000*	---	7.85	30.338
16952	32920	68110	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.238
16953	32927	68110	50	444.7	371.1	1.4	0.04	0.000*	---	6.36	16.746
16954	32937	68110	50	1108.8	862.5	1.4	0.04	0.000*	---	12.76	69.786
16955	32939	68110	50	717.8	573.2	1.4	0.04	0.000*	---	9.2	42.964
16956	32945	68110	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.263
16957	32947	68110	50	593.2	481	1.4	0.04	0.000*	---	7.94	31.22

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
16958	32950	68110	50	648.1	521.6	1.4	0.04	0.000*	---	8.51	36.534
16959	32951	68110	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.051
16960	32952	68110	50	866.9	683.5	1.4	0.04	0.000*	---	10.62	55.097
16961	32954	68110	50	201.8	191.3	1.4	0.04	0.000*	---	3.51	1.288
16962	32955	68110	50	556.6	453.9	1.4	0.04	0.000*	---	7.56	27.614
16963	32959	68110	50	164.5	163.7	1.4	0.04	0.000*	---	3.04	0.562
16964	32961	68110	50	696	557	1.4	0.04	0.000*	---	8.98	40.991
16965	32962	68110	50	607.9	491.9	1.4	0.04	0.000*	---	8.1	32.662
16966	32981	68110	50	431	361	1.4	0.04	0.000*	---	6.2	15.492
16967	32986	68110	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.875
16968	32995	68110	50	502.3	413.7	1.4	0.04	0.000*	---	6.99	22.263
16969	32996	68110	50	149.3	152.5	1.4	0.04	0.000*	---	2.84	0.374
16970	33020	68110	50	228.6	211.1	1.4	0.04	0.000*	---	3.84	2.08
16971	33029	68110	50	380.2	323.3	1.4	0.04	0.000*	---	5.63	11.091
16972	33038	68110	50	338.8	292.7	1.4	0.04	0.000*	---	5.16	7.932
16973	33057	68110	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.081
16974	33078	68110	50	372.6	317.7	1.4	0.04	0.000*	---	5.55	10.483
16975	33083	68110	50	542.4	443.4	1.4	0.04	0.000*	---	7.41	26.208
16976	33084	68110	50	384	326.1	1.4	0.04	0.000*	---	5.67	11.402
16977	33119	68110	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.185
16978	33122	68110	50	333	288.4	1.4	0.04	0.000*	---	5.09	7.523
16979	33127	68110	50	430.1	360.3	1.4	0.04	0.000*	---	6.19	15.406
16980	33128	68110	50	403.3	340.5	1.4	0.04	0.000*	---	5.89	13.034
16981	33136	68110	50	209.5	197.1	1.4	0.04	0.000*	---	3.6	1.493
16982	33138	68110	50	480.6	397.6	1.4	0.04	0.000*	---	6.75	20.147
16983	33147	68110	50	391	331.3	1.4	0.04	0.000*	---	5.75	11.986
16984	33161	68110	50	235.4	216.2	1.4	0.04	0.000*	---	3.92	2.319
16985	33174	68110	50	348.2	299.6	1.4	0.04	0.000*	---	5.26	8.607
16986	33176	68110	50	310.5	271.7	1.4	0.04	0.000*	---	4.82	6.042
16987	33183	68110	50	851.5	672.1	1.4	0.04	0.000*	---	10.48	53.949
16988	33209	68110	50	198.2	188.7	1.4	0.04	0.000*	---	3.46	1.201
16989	33215	68110	50	416.6	350.3	1.4	0.04	0.000*	---	6.04	14.197
16990	33219	68110	50	559.3	455.9	1.4	0.04	0.000*	---	7.59	27.879
16991	33229	68110	50	450.4	375.3	1.4	0.04	0.000*	---	6.42	17.277
16992	33234	68110	50	1265.8	978.7	1.4	0.04	0.000*	---	14.05	76.532
16993	33254	68110	50	222.5	206.7	1.4	0.04	0.000*	---	3.76	1.88
16994	33257	68110	50	300.8	264.6	1.4	0.04	0.000*	---	4.71	5.456
16995	33258	68110	50	295.3	260.5	1.4	0.04	0.000*	---	4.64	5.133
16996	33267	68110	50	272.6	243.8	1.4	0.04	0.000*	---	4.37	3.923
16997	33269	68110	50	465	386.1	1.4	0.04	0.000*	---	6.58	18.659
16998	33273	68110	50	284.2	252.3	1.4	0.04	0.000*	---	4.51	4.52
16999	33276	68110	50	124.8	134.3	1.4	0.04	0.000*	---	2.53	0.172
17000	33278	68110	50	478	395.8	1.4	0.04	0.000*	---	6.72	19.903
17001	33280	68110	50	279	248.5	1.4	0.04	0.000*	---	4.45	4.246
17002	33282	68110	50	429.3	359.7	1.4	0.04	0.000*	---	6.19	15.337
17003	33287	68110	50	271.2	242.7	1.4	0.04	0.000*	---	4.36	3.852
17004	33289	68110	50	276	246.2	1.4	0.04	0.000*	---	4.41	4.091
17005	33290	68110	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.93
17006	33294	68110	50	465.2	386.2	1.4	0.04	0.000*	---	6.58	18.674
17007	33295	68110	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.547
17008	33297	68110	50	236	216.6	1.4	0.04	0.000*	---	3.93	2.341
17009	33298	68110	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.741
17010	33304	68110	50	194.2	185.7	1.4	0.04	0.000*	---	3.41	1.108
17011	33318	68110	50	250	227	1.4	0.04	0.000*	---	4.1	2.892
17012	33323	68110	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.326
17013	33326	68110	50	367.3	313.8	1.4	0.04	0.000*	---	5.48	10.061
17014	33330	68110	50	417.9	351.3	1.4	0.04	0.000*	---	6.06	14.312
17015	33353	68110	50	313.2	273.7	1.4	0.04	0.000*	---	4.86	6.211
17016	33359	68110	50	203.2	192.4	1.4	0.04	0.000*	---	3.52	1.325
17017	33364	68110	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.02
17018	33367	68110	50	547	446.8	1.4	0.04	0.000*	---	7.46	26.662

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17019	33370	68110	50	765.1	608.2	1.4	0.04	0.000*	---	9.66	47.065
17020	33396	68110	50	898.2	706.6	1.4	0.04	0.000*	---	10.91	57.333
17021	33403	68110	50	179.2	174.6	1.4	0.04	0.000*	---	3.22	0.802
17022	33404	68110	50	287.5	254.7	1.4	0.04	0.000*	---	4.55	4.696
17023	33409	68110	50	325.1	282.5	1.4	0.04	0.000*	---	4.99	6.985
17024	33413	68110	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.039
17025	33417	68110	50	660.5	530.8	1.4	0.04	0.000*	---	8.63	37.708
17026	33418	68110	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.046
17027	33421	68110	50	838.5	662.5	1.4	0.04	0.000*	---	10.36	52.967
17028	33422	68110	50	419	352	1.4	0.04	0.000*	---	6.07	14.408
17029	33423	68110	50	392.4	332.3	1.4	0.04	0.000*	---	5.77	12.1
17030	33427	68110	50	500.9	412.7	1.4	0.04	0.000*	---	6.97	22.123
17031	33434	68110	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
17032	33435	68110	50	518.4	425.6	1.4	0.04	0.000*	---	7.16	23.843
17033	33443	68110	50	374	318.7	1.4	0.04	0.000*	---	5.56	10.591
17034	33444	68110	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.8
17035	33445	68110	50	332.7	288.2	1.4	0.04	0.000*	---	5.08	7.502
17036	33446	68110	50	806.3	638.7	1.4	0.04	0.000*	---	10.05	50.45
17037	33448	68110	50	335.6	290.4	1.4	0.04	0.000*	---	5.12	7.709
17038	33452	68110	50	157.1	158.3	1.4	0.04	0.000*	---	2.94	0.464
17039	33455	68110	50	546.2	446.2	1.4	0.04	0.000*	---	7.45	26.585
17040	33457	68110	50	310.8	272	1.4	0.04	0.000*	---	4.83	6.064
17041	33459	68110	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.756
17042	33468	68110	50	143.9	148.4	1.4	0.04	0.000*	---	2.77	0.319
17043	33472	68110	50	242.2	221.2	1.4	0.04	0.000*	---	4	2.576
17044	33476	68110	50	431.1	361	1.4	0.04	0.000*	---	6.21	15.502
17045	33477	68110	50	323.2	281.1	1.4	0.04	0.000*	---	4.97	6.86
17046	33481	68110	50	595.1	482.4	1.4	0.04	0.000*	---	7.96	31.408
17047	33483	68110	50	482.9	399.3	1.4	0.04	0.000*	---	6.77	20.371
17048	33486	68110	50	470.8	390.4	1.4	0.04	0.000*	---	6.64	19.21
17049	33491	68110	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.803
17050	33498	68110	50	477	395	1.4	0.04	0.000*	---	6.71	19.807
17051	33502	68110	50	326.6	283.7	1.4	0.04	0.000*	---	5.01	7.088
17052	33507	68110	50	469.4	389.4	1.4	0.04	0.000*	---	6.63	19.075
17053	33508	68110	50	232.7	214.2	1.4	0.04	0.000*	---	3.89	2.222
17054	33510	68110	50	295.6	260.7	1.4	0.04	0.000*	---	4.65	5.15
17055	33512	68110	50	224.6	208.2	1.4	0.04	0.000*	---	3.79	1.948
17056	33513	68110	50	455.6	379.2	1.4	0.04	0.000*	---	6.48	17.769
17057	33516	68110	50	345.9	298	1.4	0.04	0.000*	---	5.24	8.444
17058	33518	68110	50	421.6	354	1.4	0.04	0.000*	---	6.1	14.645
17059	33519	68110	50	666.2	535	1.4	0.04	0.000*	---	8.69	38.237
17060	33529	68110	50	337.8	291.9	1.4	0.04	0.000*	---	5.14	7.858
17061	33539	68110	50	492	406.1	1.4	0.04	0.000*	---	6.87	21.258
17062	33540	68110	50	276.2	246.4	1.4	0.04	0.000*	---	4.42	4.1
17063	33543	68110	50	194	185.6	1.4	0.04	0.000*	---	3.41	1.103
17064	33547	68110	50	237.8	218	1.4	0.04	0.000*	---	3.95	2.41
17065	33548	68110	50	273.2	244.1	1.4	0.04	0.000*	---	4.38	3.949
17066	33555	68110	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.098
17067	33557	68110	50	406.2	342.6	1.4	0.04	0.000*	---	5.93	13.283
17068	33560	68110	50	416.8	350.4	1.4	0.04	0.000*	---	6.05	14.211
17069	33576	68110	50	682.3	546.9	1.4	0.04	0.000*	---	8.85	39.736
17070	33582	68110	50	328.6	285.1	1.4	0.04	0.000*	---	5.04	7.221
17071	33585	68110	50	308.6	270.4	1.4	0.04	0.000*	---	4.8	5.926
17072	33586	68110	50	444.3	370.8	1.4	0.04	0.000*	---	6.35	16.707
17073	33592	68110	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.559
17074	33594	68110	50	573.3	466.2	1.4	0.04	0.000*	---	7.74	29.261
17075	33595	68110	50	329.9	286.2	1.4	0.04	0.000*	---	5.05	7.315
17076	33596	68110	50	408.7	344.4	1.4	0.04	0.000*	---	5.95	13.499
17077	33602	68110	50	460.8	383	1.4	0.04	0.000*	---	6.53	18.257
17078	33606	68110	50	215.2	201.2	1.4	0.04	0.000*	---	3.67	1.654
17079	33613	68110	50	422.1	354.4	1.4	0.04	0.000*	---	6.1	14.687

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17080	33616	68110	50	365.8	312.7	1.4	0.04	0.000*	---	5.47	9.948
17081	33626	68110	50	232.9	214.3	1.4	0.04	0.000*	---	3.89	2.23
17082	33629	68110	50	388.3	329.4	1.4	0.04	0.000*	---	5.72	11.762
17083	33635	68110	50	376	320.3	1.4	0.04	0.000*	---	5.58	10.755
17084	33638	68110	50	184.5	178.5	1.4	0.04	0.000*	---	3.29	0.902
17085	33642	68110	50	277.8	247.6	1.4	0.04	0.000*	---	4.43	4.182
17086	33643	68110	50	513.8	422.2	1.4	0.04	0.000*	---	7.11	23.388
17087	33646	68110	50	558.4	455.2	1.4	0.04	0.000*	---	7.58	27.791
17088	33649	68110	50	321.1	279.6	1.4	0.04	0.000*	---	4.95	6.72
17089	33659	68110	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.348
17090	33660	68110	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.372
17091	33663	68110	50	231.6	213.4	1.4	0.04	0.000*	---	3.87	2.184
17092	33687	68110	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
17093	33692	68110	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.677
17094	33693	68110	50	291.7	257.9	1.4	0.04	0.000*	---	4.6	4.932
17095	33697	68110	50	563	458.6	1.4	0.04	0.000*	---	7.63	28.245
17096	33706	68110	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
17097	33714	68110	50	827.1	654	1.4	0.04	0.000*	---	10.25	52.087
17098	33725	68110	50	282.7	251.2	1.4	0.04	0.000*	---	4.49	4.439
17099	33731	68110	50	102.4	117.8	1.4	0.04	0.000*	---	2.24	0.072
17100	33735	68110	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.474
17101	33739	68110	50	302.5	265.9	1.4	0.04	0.000*	---	4.73	5.559
17102	33747	68110	50	1126.7	875.7	1.4	0.04	0.000*	---	12.91	70.653
17103	33765	68110	50	386.6	328.1	1.4	0.04	0.000*	---	5.71	11.624
17104	33770	68110	50	386.2	327.8	1.4	0.04	0.000*	---	5.7	11.589
17105	33771	68110	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.159
17106	33776	68110	50	498.9	411.2	1.4	0.04	0.000*	---	6.95	21.928
17107	33778	68110	50	374.3	319	1.4	0.04	0.000*	---	5.57	10.62
17108	33779	68110	50	215.7	201.6	1.4	0.04	0.000*	---	3.68	1.669
17109	33791	68110	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
17110	33793	68110	50	552.2	450.6	1.4	0.04	0.000*	---	7.52	27.176
17111	33801	68110	50	310.1	271.5	1.4	0.04	0.000*	---	4.82	6.018
17112	33808	68110	50	674.4	541	1.4	0.04	0.000*	---	8.77	39.003
17113	33811	68110	50	469	389	1.4	0.04	0.000*	---	6.62	19.036
17114	33814	68110	50	697.1	557.8	1.4	0.04	0.000*	---	9	41.092
17115	33816	68110	50	808.9	640.6	1.4	0.04	0.000*	---	10.08	50.658
17116	33820	68110	50	507.5	417.5	1.4	0.04	0.000*	---	7.04	22.767
17117	33824	68110	50	236.4	216.9	1.4	0.04	0.000*	---	3.93	2.358
17118	33828	68110	50	337.7	291.9	1.4	0.04	0.000*	---	5.14	7.855
17119	33829	68110	50	295.8	260.9	1.4	0.04	0.000*	---	4.65	5.164
17120	33834	68110	50	308.5	270.3	1.4	0.04	0.000*	---	4.8	5.924
17121	33836	68110	50	411	346.1	1.4	0.04	0.000*	---	5.98	13.702
17122	33840	68110	50	342.6	295.5	1.4	0.04	0.000*	---	5.2	8.2
17123	33846	68110	50	451.7	376.2	1.4	0.04	0.000*	---	6.43	17.397
17124	33847	68110	50	650.3	523.2	1.4	0.04	0.000*	---	8.53	36.74
17125	33849	68110	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.2
17126	33852	68110	50	161.3	161.4	1.4	0.04	0.000*	---	3	0.518
17127	33853	68110	50	629.2	507.6	1.4	0.04	0.000*	---	8.31	34.721
17128	33857	68110	50	287	254.4	1.4	0.04	0.000*	---	4.55	4.673
17129	33860	68110	50	286.7	254.1	1.4	0.04	0.000*	---	4.54	4.654
17130	33862	68110	50	695.8	556.9	1.4	0.04	0.000*	---	8.98	40.981
17131	33864	68110	50	438	366.1	1.4	0.04	0.000*	---	6.28	16.133
17132	33866	68110	50	576.1	468.3	1.4	0.04	0.000*	---	7.77	29.54
17133	33872	68110	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.87
17134	33874	68110	50	257	232.1	1.4	0.04	0.000*	---	4.18	3.188
17135	33876	68110	50	399.9	337.9	1.4	0.04	0.000*	---	5.86	12.742
17136	33877	68110	50	238.3	218.3	1.4	0.04	0.000*	---	3.96	2.427
17137	33879	68110	50	536.5	439	1.4	0.04	0.000*	---	7.35	25.63
17138	33880	68110	50	281.6	250.4	1.4	0.04	0.000*	---	4.48	4.384
17139	33881	68110	50	318.5	277.7	1.4	0.04	0.000*	---	4.92	6.556
17140	33882	68110	50	401.8	339.3	1.4	0.04	0.000*	---	5.88	12.905

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17141	33883	68110	50	487.1	402.5	1.4	0.04	0.000*	---	6.82	20.781
17142	33884	68110	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.914
17143	33887	68110	50	1141.5	886.7	1.4	0.04	0.000*	---	13.03	71.351
17144	33892	68110	50	231.2	213.1	1.4	0.04	0.000*	---	3.87	2.17
17145	33897	68110	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989
17146	33898	68110	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
17147	33902	68110	50	192.2	184.3	1.4	0.04	0.000*	---	3.39	1.064
17148	33905	68110	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.579
17149	33907	68110	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.325
17150	33909	68110	50	105.6	120.1	1.4	0.04	0.000*	---	2.28	0.082
17151	33912	68110	50	539.1	440.9	1.4	0.04	0.000*	---	7.38	25.882
17152	33914	68110	50	179.7	175	1.4	0.04	0.000*	---	3.23	0.809
17153	33916	68110	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
17154	33917	68110	50	280.9	249.8	1.4	0.04	0.000*	---	4.47	4.342
17155	33918	68110	50	486.2	401.8	1.4	0.04	0.000*	---	6.81	20.694
17156	33920	68110	50	783.2	621.5	1.4	0.04	0.000*	---	9.83	48.573
17157	33921	68110	50	446.4	372.3	1.4	0.04	0.000*	---	6.37	16.903
17158	33927	68110	50	120.3	131	1.4	0.04	0.000*	---	2.47	0.146
17159	33929	68110	50	558.3	455.1	1.4	0.04	0.000*	---	7.58	27.778
17160	33934	68110	50	386.6	328.1	1.4	0.04	0.000*	---	5.71	11.624
17161	33936	68110	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.983
17162	33940	68110	50	336.1	290.7	1.4	0.04	0.000*	---	5.12	7.743
17163	33952	68110	50	499	411.3	1.4	0.04	0.000*	---	6.95	21.935
17164	33958	68110	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.214
17165	33961	68110	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.983
17166	33962	68110	50	490.1	404.7	1.4	0.04	0.000*	---	6.85	21.068
17167	33963	68110	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.149
17168	33965	68110	50	202.1	191.6	1.4	0.04	0.000*	---	3.51	1.297
17169	33973	68110	50	337.5	291.8	1.4	0.04	0.000*	---	5.14	7.841
17170	33975	68110	50	220	204.8	1.4	0.04	0.000*	---	3.73	1.8
17171	33990	68110	50	281.1	250	1.4	0.04	0.000*	---	4.47	4.354
17172	33991	68110	50	166.7	165.3	1.4	0.04	0.000*	---	3.07	0.594
17173	33994	68110	50	326.3	283.4	1.4	0.04	0.000*	---	5.01	7.065
17174	34000	68110	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.431
17175	34002	68110	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.308
17176	34007	68110	50	304.5	267.3	1.4	0.04	0.000*	---	4.75	5.677
17177	34009	68110	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.924
17178	34022	68110	50	1094.5	851.9	1.4	0.04	0.000*	---	12.64	69.076
17179	34023	68110	50	393	332.8	1.4	0.04	0.000*	---	5.78	12.151
17180	34024	68110	50	425	356.5	1.4	0.04	0.000*	---	6.14	14.945
17181	34029	68110	50	293.3	259	1.4	0.04	0.000*	---	4.62	5.019
17182	34030	68110	50	291.1	257.4	1.4	0.04	0.000*	---	4.59	4.899
17183	34033	68110	50	261.7	235.6	1.4	0.04	0.000*	---	4.24	3.401
17184	34035	68110	50	497.9	410.4	1.4	0.04	0.000*	---	6.94	21.825
17185	34038	68110	50	1140.9	886.3	1.4	0.04	0.000*	---	13.03	71.323
17186	34039	68110	50	335.7	290.5	1.4	0.04	0.000*	---	5.12	7.716
17187	34046	68110	50	254.5	230.3	1.4	0.04	0.000*	---	4.15	3.081
17188	34047	68110	50	327.9	284.6	1.4	0.04	0.000*	---	5.03	7.173
17189	34050	68110	50	395.1	334.4	1.4	0.04	0.000*	---	5.8	12.336
17190	34054	68110	50	260.9	235.1	1.4	0.04	0.000*	---	4.23	3.367
17191	34055	68110	50	275.2	245.6	1.4	0.04	0.000*	---	4.4	4.051
17192	34081	68110	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.228
17193	34098	68110	50	1245.3	963.5	1.4	0.04	0.000*	---	13.89	75.755
17194	34100	68110	50	340.6	294.1	1.4	0.04	0.000*	---	5.18	8.063
17195	34102	68110	50	518.3	425.5	1.4	0.04	0.000*	---	7.16	23.829
17196	34104	68110	50	478.1	395.8	1.4	0.04	0.000*	---	6.72	19.907
17197	34108	68110	50	479.5	396.8	1.4	0.04	0.000*	---	6.74	20.04
17198	34109	68110	50	530.5	434.5	1.4	0.04	0.000*	---	7.29	25.028
17199	34110	68110	50	446.1	372.1	1.4	0.04	0.000*	---	6.37	16.878
17200	34114	68110	50	296.4	261.3	1.4	0.04	0.000*	---	4.66	5.196
17201	34116	68110	50	771	612.5	1.4	0.04	0.000*	---	9.72	47.56

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17202	34121	68110	50	560.3	456.7	1.4	0.04	0.000*	---	7.6	27.984
17203	34123	68110	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.332
17204	34133	68110	50	617.1	498.6	1.4	0.04	0.000*	---	8.19	33.55
17205	34152	68110	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.788
17206	34159	68110	50	389.1	330	1.4	0.04	0.000*	---	5.73	11.829
17207	34168	68110	50	367.2	313.7	1.4	0.04	0.000*	---	5.48	10.051
17208	34188	68110	50	353.3	303.5	1.4	0.04	0.000*	---	5.32	8.99
17209	34195	68110	50	250.5	227.4	1.4	0.04	0.000*	---	4.11	2.911
17210	34205	68110	50	750.7	597.5	1.4	0.04	0.000*	---	9.52	45.841
17211	34218	68110	50	431.9	361.6	1.4	0.04	0.000*	---	6.21	15.575
17212	34227	68110	50	432.5	362	1.4	0.04	0.000*	---	6.22	15.625
17213	34230	68110	50	372.4	317.6	1.4	0.04	0.000*	---	5.54	10.464
17214	34232	68110	50	634.9	511.8	1.4	0.04	0.000*	---	8.37	35.272
17215	34235	68110	50	312.4	273.2	1.4	0.04	0.000*	---	4.85	6.163
17216	34237	68110	50	290.6	257	1.4	0.04	0.000*	---	4.59	4.867
17217	34242	68110	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.887
17218	34260	68110	50	124.2	133.9	1.4	0.04	0.000*	---	2.52	0.169
17219	34261	68110	50	165.7	164.6	1.4	0.04	0.000*	---	3.05	0.58
17220	34262	68110	50	348.7	300	1.4	0.04	0.000*	---	5.27	8.647
17221	34265	68110	50	842.9	665.8	1.4	0.04	0.000*	---	10.4	53.307
17222	34266	68110	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.151
17223	34267	68110	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.066
17224	34269	68110	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.711
17225	34270	68110	50	237.7	217.9	1.4	0.04	0.000*	---	3.95	2.404
17226	34271	68110	50	115.2	127.3	1.4	0.04	0.000*	---	2.4	0.121
17227	34272	68110	50	322.8	280.9	1.4	0.04	0.000*	---	4.97	6.833
17228	34273	68110	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.899
17229	34274	68110	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.404
17230	34275	68110	50	364.6	311.8	1.4	0.04	0.000*	---	5.45	9.853
17231	34276	68110	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.575
17232	34277	68110	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.636
17233	34278	68110	50	274.4	245.1	1.4	0.04	0.000*	---	4.39	4.01
17234	34279	68110	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
17235	34281	68110	50	376.6	320.6	1.4	0.04	0.000*	---	5.59	10.799
17236	34283	68110	50	178.2	173.8	1.4	0.04	0.000*	---	3.21	0.782
17237	34284	68110	50	240	219.6	1.4	0.04	0.000*	---	3.98	2.493
17238	34285	68110	50	209.5	197	1.4	0.04	0.000*	---	3.6	1.491
17239	34286	68110	50	417.1	350.7	1.4	0.04	0.000*	---	6.05	14.242
17240	34287	68110	50	30.8	64.8	1.4	0.04	0.000*	---	1.28	0.001
17241	34288	68110	50	382.4	325	1.4	0.04	0.000*	---	5.66	11.271
17242	34289	68110	50	276.4	246.5	1.4	0.04	0.000*	---	4.42	4.112
17243	34524	68110	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.743
17244	34526	68110	50	470.3	390	1.4	0.04	0.000*	---	6.64	19.164
17245	34546	68110	50	382.3	324.9	1.4	0.04	0.000*	---	5.66	11.266
17246	34551	68110	50	451.6	376.2	1.4	0.04	0.000*	---	6.43	17.394
17247	34590	68110	50	299.2	263.4	1.4	0.04	0.000*	---	4.69	5.363
17248	34592	68110	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
17249	34601	68110	50	214.7	200.9	1.4	0.04	0.000*	---	3.67	1.641
17250	34608	68110	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.505
17251	34611	68110	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
17252	34613	68110	50	400.8	338.6	1.4	0.04	0.000*	---	5.87	12.821
17253	34619	68110	50	333.8	289	1.4	0.04	0.000*	---	5.1	7.583
17254	34620	68110	50	484	400.2	1.4	0.04	0.000*	---	6.79	20.482
17255	34625	68110	50	295.9	260.9	1.4	0.04	0.000*	---	4.65	5.166
17256	34631	68110	50	188.7	181.7	1.4	0.04	0.000*	---	3.34	0.988
17257	34636	68110	50	175.6	171.9	1.4	0.04	0.000*	---	3.18	0.737
17258	34638	68110	50	555.3	452.9	1.4	0.04	0.000*	---	7.55	27.484
17259	34640	68110	50	660.6	530.9	1.4	0.04	0.000*	---	8.63	37.715
17260	34642	68110	50	261.7	235.6	1.4	0.04	0.000*	---	4.24	3.4
17261	34646	68110	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.103
17262	34650	68110	50	70.2	93.9	1.4	0.04	0.000*	---	1.81	0.014

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17263	34658	68110	50	382.1	324.7	1.4	0.04	0.000*	---	5.65	11.247
17264	34660	68110	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.518
17265	34662	68110	50	452.4	376.8	1.4	0.04	0.000*	---	6.44	17.466
17266	34666	68110	50	82.2	102.9	1.4	0.04	0.000*	---	1.97	0.027
17267	34673	68110	50	1427.1	1098	1.4	0.04	0.000*	---	15.31	81.755
17268	34674	68110	50	279.2	248.6	1.4	0.04	0.000*	---	4.45	4.256
17269	34677	68110	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
17270	34678	68110	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
17271	34680	68110	50	370.2	316	1.4	0.04	0.000*	---	5.52	10.293
17272	34683	68110	50	472.1	391.4	1.4	0.04	0.000*	---	6.66	19.336
17273	34696	68110	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.33
17274	34697	68110	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.683
17275	34702	68110	50	35.7	68.4	1.4	0.04	0.000*	---	1.34	0.001
17276	34708	68110	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
17277	34710	68110	50	68.7	92.8	1.4	0.04	0.000*	---	1.79	0.013
17278	34712	68110	50	244.9	223.3	1.4	0.04	0.000*	---	4.04	2.684
17279	34715	68110	50	818.5	647.7	1.4	0.04	0.000*	---	10.17	51.422
17280	34719	68110	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.911
17281	34726	68110	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.599
17282	34731	68110	50	277.8	247.5	1.4	0.04	0.000*	---	4.43	4.181
17283	34733	68110	50	508.2	418	1.4	0.04	0.000*	---	7.05	22.834
17284	34738	68110	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
17285	34742	68110	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.966
17286	34763	68110	50	298.2	262.6	1.4	0.04	0.000*	---	4.68	5.3
17287	34768	68110	50	482	398.6	1.4	0.04	0.000*	---	6.76	20.28
17288	34770	68110	50	82.6	103.2	1.4	0.04	0.000*	---	1.98	0.028
17289	34772	68110	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.622
17290	34773	68110	50	253.6	229.6	1.4	0.04	0.000*	---	4.14	3.042
17291	34775	68110	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
17292	34779	68110	50	815	645.1	1.4	0.04	0.000*	---	10.14	51.146
17293	34787	68110	50	457.9	380.9	1.4	0.04	0.000*	---	6.5	17.984
17294	34795	68110	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.693
17295	34803	68110	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
17296	34804	68110	50	649.1	522.3	1.4	0.04	0.000*	---	8.52	36.628
17297	34807	68110	50	164.4	163.7	1.4	0.04	0.000*	---	3.04	0.562
17298	34811	68110	50	406.3	342.7	1.4	0.04	0.000*	---	5.93	13.294
17299	34815	68110	50	370.3	316	1.4	0.04	0.000*	---	5.52	10.302
17300	34816	68110	50	194.9	186.2	1.4	0.04	0.000*	---	3.42	1.123
17301	34818	68110	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
17302	34821	68110	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
17303	34824	68110	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.987
17304	34828	68110	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.508
17305	34834	68110	50	285.9	253.6	1.4	0.04	0.000*	---	4.53	4.61
17306	34837	68110	50	209.8	197.3	1.4	0.04	0.000*	---	3.61	1.5
17307	34847	68110	50	308.2	270.1	1.4	0.04	0.000*	---	4.8	5.904
17308	34848	68110	50	226.5	209.6	1.4	0.04	0.000*	---	3.81	2.01
17309	34854	68110	50	155.2	156.8	1.4	0.04	0.000*	---	2.92	0.44
17310	34861	68110	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.766
17311	34866	68110	50	177.6	173.5	1.4	0.04	0.000*	---	3.2	0.773
17312	34878	68110	50	152.1	154.6	1.4	0.04	0.000*	---	2.88	0.404
17313	34879	68110	50	70.1	93.8	1.4	0.04	0.000*	---	1.81	0.014
17314	34886	68110	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
17315	34895	68110	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.578
17316	34899	68110	50	363.7	311.2	1.4	0.04	0.000*	---	5.44	9.783
17317	34902	68110	50	349.7	300.8	1.4	0.04	0.000*	---	5.28	8.721
17318	34905	68110	50	436.5	365	1.4	0.04	0.000*	---	6.27	15.993
17319	34909	68110	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.863
17320	34913	68110	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
17321	34915	68110	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.58
17322	34933	68110	50	386	327.6	1.4	0.04	0.000*	---	5.7	11.566
17323	34952	68110	50	267.6	240.1	1.4	0.04	0.000*	---	4.31	3.679

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17324	34955	68110	50	507.4	417.5	1.4	0.04	0.000*	---	7.04	22.759
17325	34961	68110	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.724
17326	34965	68110	50	383.6	325.9	1.4	0.04	0.000*	---	5.67	11.375
17327	34969	68110	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.815
17328	34972	68110	50	100.5	116.4	1.4	0.04	0.000*	---	2.21	0.066
17329	34973	68110	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	1.001
17330	34989	68110	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
17331	34991	68110	50	571.6	465	1.4	0.04	0.000*	---	7.72	29.092
17332	34997	68110	50	37	69.4	1.4	0.04	0.000*	---	1.36	0.001
17333	34998	68110	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
17334	35004	68110	50	147.1	150.8	1.4	0.04	0.000*	---	2.82	0.35
17335	35008	68110	50	153.6	155.7	1.4	0.04	0.000*	---	2.9	0.421
17336	35009	68110	50	222.7	206.8	1.4	0.04	0.000*	---	3.77	1.886
17337	35012	68110	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.909
17338	35013	68110	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
17339	35015	68110	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.182
17340	35016	68110	50	302.9	266.2	1.4	0.04	0.000*	---	4.73	5.581
17341	35020	68110	50	163.5	163	1.4	0.04	0.000*	---	3.02	0.548
17342	35022	68110	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
17343	35025	68110	50	414.7	348.9	1.4	0.04	0.000*	---	6.02	14.029
17344	35036	68110	50	236.5	217	1.4	0.04	0.000*	---	3.94	2.362
17345	35038	68110	50	142.1	147.2	1.4	0.04	0.000*	---	2.75	0.303
17346	35047	68110	50	262.8	236.5	1.4	0.04	0.000*	---	4.25	3.452
17347	35048	68110	50	73.2	96.2	1.4	0.04	0.000*	---	1.85	0.017
17348	35065	68110	50	325.7	283	1.4	0.04	0.000*	---	5	7.03
17349	35070	68110	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.76
17350	35071	68110	50	260	234.4	1.4	0.04	0.000*	---	4.22	3.323
17351	35085	68110	50	246.2	224.2	1.4	0.04	0.000*	---	4.05	2.733
17352	35086	68110	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
17353	35088	68110	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.022
17354	35105	68110	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.406
17355	35114	68110	50	364.3	311.6	1.4	0.04	0.000*	---	5.45	9.826
17356	35116	68110	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
17357	35131	68110	50	178.6	174.1	1.4	0.04	0.000*	---	3.22	0.789
17358	35132	68110	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.449
17359	35140	68110	50	476.8	394.9	1.4	0.04	0.000*	---	6.71	19.787
17360	35148	68110	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.016
17361	35158	68110	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.236
17362	35171	68110	50	404.8	341.5	1.4	0.04	0.000*	---	5.91	13.158
17363	35174	68110	50	466.6	387.3	1.4	0.04	0.000*	---	6.6	18.811
17364	35176	68110	50	473.1	392.1	1.4	0.04	0.000*	---	6.67	19.434
17365	35178	68110	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.606
17366	35180	68110	50	204.9	193.6	1.4	0.04	0.000*	---	3.54	1.367
17367	35182	68110	50	408.8	344.5	1.4	0.04	0.000*	---	5.96	13.51
17368	35183	68110	50	439.2	367	1.4	0.04	0.000*	---	6.3	16.241
17369	35185	68110	50	162.9	162.5	1.4	0.04	0.000*	---	3.02	0.539
17370	35188	68110	50	108.2	122.1	1.4	0.04	0.000*	---	2.31	0.092
17371	35191	68110	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
17372	35192	68110	50	281.7	250.4	1.4	0.04	0.000*	---	4.48	4.386
17373	35196	68110	50	204.4	193.2	1.4	0.04	0.000*	---	3.54	1.355
17374	35200	68110	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.365
17375	35202	68110	50	486.1	401.7	1.4	0.04	0.000*	---	6.81	20.681
17376	35207	68110	50	354.3	304.1	1.4	0.04	0.000*	---	5.33	9.06
17377	35209	68110	50	381.5	324.4	1.4	0.04	0.000*	---	5.65	11.204
17378	35212	68110	50	229.4	211.8	1.4	0.04	0.000*	---	3.85	2.108
17379	35215	68110	50	581.5	472.3	1.4	0.04	0.000*	---	7.82	30.07
17380	35235	68110	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
17381	35237	68110	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
17382	35245	68110	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.942
17383	35249	68110	50	300.2	264.1	1.4	0.04	0.000*	---	4.7	5.418
17384	35256	68110	50	150.2	153.1	1.4	0.04	0.000*	---	2.86	0.383

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17385	35259	68110	50	58.6	85.4	1.4	0.04	0.000*	---	1.65	0.006
17386	35261	68110	50	129	137.4	1.4	0.04	0.000*	---	2.58	0.199
17387	35265	68110	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
17388	35278	68110	50	129.1	137.5	1.4	0.04	0.000*	---	2.58	0.199
17389	35286	68110	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.379
17390	35292	68110	50	120.3	131.1	1.4	0.04	0.000*	---	2.47	0.147
17391	35298	68110	50	165.1	164.1	1.4	0.04	0.000*	---	3.05	0.57
17392	35300	68110	50	467	387.6	1.4	0.04	0.000*	---	6.6	18.848
17393	35303	68110	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.026
17394	35304	68110	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.29
17395	35307	68110	50	325.7	283	1.4	0.04	0.000*	---	5	7.03
17396	35308	68110	50	71.1	94.7	1.4	0.04	0.000*	---	1.82	0.015
17397	35313	68110	50	202.5	191.9	1.4	0.04	0.000*	---	3.52	1.307
17398	35315	68110	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.002
17399	35318	68110	50	112	124.8	1.4	0.04	0.000*	---	2.36	0.107
17400	35319	68110	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.863
17401	35320	68110	50	114	126.3	1.4	0.04	0.000*	---	2.39	0.116
17402	35321	68110	50	760.3	604.7	1.4	0.04	0.000*	---	9.61	46.663
17403	35325	68110	50	306	268.5	1.4	0.04	0.000*	---	4.77	5.768
17404	35326	68110	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.481
17405	35327	68110	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.621
17406	35330	68110	50	71.5	94.9	1.4	0.04	0.000*	---	1.83	0.015
17407	35331	68110	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
17408	35333	68110	50	322.9	281	1.4	0.04	0.000*	---	4.97	6.843
17409	35338	68110	50	317	276.6	1.4	0.04	0.000*	---	4.9	6.455
17410	35339	68110	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.997
17411	35340	68110	50	172.7	169.8	1.4	0.04	0.000*	---	3.14	0.688
17412	35341	68110	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.242
17413	35342	68110	50	200.6	190.4	1.4	0.04	0.000*	---	3.49	1.258
17414	35343	68110	50	124.6	134.2	1.4	0.04	0.000*	---	2.53	0.171
17415	35344	68110	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.352
17416	35346	68110	50	50.5	79.3	1.4	0.04	0.000*	---	1.55	0.004
17417	35347	68110	50	184.3	178.4	1.4	0.04	0.000*	---	3.29	0.898
17418	35348	68110	50	311.1	272.2	1.4	0.04	0.000*	---	4.83	6.08
17419	35349	68110	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
17420	35353	68110	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.732
17421	35364	68110	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
17422	35365	68110	50	166.8	165.4	1.4	0.04	0.000*	---	3.07	0.596
17423	35366	68110	50	313	273.6	1.4	0.04	0.000*	---	4.85	6.203
17424	35372	68110	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
17425	35381	68110	50	173.7	170.5	1.4	0.04	0.000*	---	3.15	0.705
17426	35384	68110	50	190.1	182.6	1.4	0.04	0.000*	---	3.36	1.016
17427	35390	68110	50	81.7	102.4	1.4	0.04	0.000*	---	1.96	0.027
17428	35391	68110	50	147.5	151.2	1.4	0.04	0.000*	---	2.82	0.355
17429	35396	68110	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.167
17430	35400	68110	50	170.5	168.2	1.4	0.04	0.000*	---	3.11	0.653
17431	35402	68110	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
17432	35410	68110	50	120.3	131.1	1.4	0.04	0.000*	---	2.47	0.147
17433	35413	68110	50	326	283.3	1.4	0.04	0.000*	---	5.01	7.05
17434	35419	68110	50	368.9	315	1.4	0.04	0.000*	---	5.5	10.185
17435	35421	68110	50	238.3	218.4	1.4	0.04	0.000*	---	3.96	2.428
17436	35431	68110	50	350.9	301.7	1.4	0.04	0.000*	---	5.3	8.809
17437	35432	68110	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
17438	35438	68110	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.831
17439	35446	68110	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
17440	35450	68110	50	163.5	163	1.4	0.04	0.000*	---	3.02	0.548
17441	35452	68110	50	114	126.4	1.4	0.04	0.000*	---	2.39	0.116
17442	35454	68110	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
17443	35455	68110	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.941
17444	35457	68110	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.274
17445	35459	68110	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.193

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17446	35461	68110	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.453
17447	35463	68110	50	289.4	256.2	1.4	0.04	0.000*	---	4.57	4.804
17448	35464	68110	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.306
17449	35465	68110	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.141
17450	35467	68110	50	201.7	191.3	1.4	0.04	0.000*	---	3.51	1.286
17451	35472	68110	50	82.4	102.9	1.4	0.04	0.000*	---	1.97	0.028
17452	35476	68110	50	365.7	312.6	1.4	0.04	0.000*	---	5.47	9.935
17453	35477	68110	50	255.9	231.3	1.4	0.04	0.000*	---	4.17	3.141
17454	35479	68110	50	423.9	355.7	1.4	0.04	0.000*	---	6.12	14.845
17455	35480	68110	50	57.9	84.8	1.4	0.04	0.000*	---	1.65	0.006
17456	35482	68110	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
17457	35485	68110	50	49	78.3	1.4	0.04	0.000*	---	1.53	0.003
17458	35486	68110	50	399	337.3	1.4	0.04	0.000*	---	5.85	12.664
17459	35487	68110	50	39.3	71.1	1.4	0.04	0.000*	---	1.39	0.001
17460	35490	68110	50	262.3	236.1	1.4	0.04	0.000*	---	4.25	3.428
17461	35491	68110	50	712.3	569.1	1.4	0.04	0.000*	---	9.15	42.47
17462	35494	68110	50	661.4	531.4	1.4	0.04	0.000*	---	8.64	37.789
17463	35497	68110	50	211.7	198.7	1.4	0.04	0.000*	---	3.63	1.554
17464	35501	68110	50	475.1	393.5	1.4	0.04	0.000*	---	6.69	19.618
17465	35502	68110	50	206.7	195	1.4	0.04	0.000*	---	3.57	1.417
17466	35520	68110	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.319
17467	35522	68110	50	223.7	207.5	1.4	0.04	0.000*	---	3.78	1.917
17468	35525	68110	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.473
17469	35526	68110	50	360.5	308.8	1.4	0.04	0.000*	---	5.41	9.534
17470	35528	68110	50	326	283.3	1.4	0.04	0.000*	---	5.01	7.051
17471	35530	68110	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
17472	35533	68110	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.773
17473	35539	68110	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
17474	35546	68110	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.75
17475	35551	68110	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.279
17476	35555	68110	50	310.5	271.7	1.4	0.04	0.000*	---	4.82	6.041
17477	35558	68110	50	271.7	243	1.4	0.04	0.000*	---	4.36	3.875
17478	35569	68110	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.609
17479	35578	68110	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
17480	35582	68110	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.717
17481	35583	68110	50	150.3	153.2	1.4	0.04	0.000*	---	2.86	0.384
17482	35589	68110	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
17483	35606	68110	50	585.7	475.4	1.4	0.04	0.000*	---	7.87	30.481
17484	35609	68110	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.272
17485	35616	68110	50	313.7	274.2	1.4	0.04	0.000*	---	4.86	6.248
17486	35617	68110	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
17487	35625	68110	50	94.7	112.1	1.4	0.04	0.000*	---	2.13	0.051
17488	35627	68110	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
17489	35628	68110	50	318.4	277.6	1.4	0.04	0.000*	---	4.92	6.546
17490	35629	68110	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.027
17491	35631	68110	50	312.9	273.6	1.4	0.04	0.000*	---	4.85	6.197
17492	35634	68110	50	274.5	245.2	1.4	0.04	0.000*	---	4.4	4.018
17493	35635	68110	50	398.3	336.7	1.4	0.04	0.000*	---	5.84	12.599
17494	35637	68110	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.332
17495	35639	68110	50	232.7	214.2	1.4	0.04	0.000*	---	3.89	2.224
17496	35640	68110	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	1.001
17497	35656	68110	50	496	409	1.4	0.04	0.000*	---	6.92	21.638
17498	35659	68110	50	198.5	188.9	1.4	0.04	0.000*	---	3.47	1.208
17499	35661	68110	50	228.2	210.8	1.4	0.04	0.000*	---	3.83	2.066
17500	35662	68110	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.535
17501	35663	68110	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
17502	35665	68110	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.322
17503	35669	68110	50	667.6	536	1.4	0.04	0.000*	---	8.7	38.367
17504	35680	68110	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
17505	35681	68110	50	503.8	414.8	1.4	0.04	0.000*	---	7	22.401
17506	35682	68110	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17507	35686	68110	50	121	131.6	1.4	0.04	0.000*	---	2.48	0.15
17508	35694	68110	50	186.3	179.8	1.4	0.04	0.000*	---	3.31	0.937
17509	35695	68110	50	158.2	159.1	1.4	0.04	0.000*	---	2.96	0.478
17510	35696	68110	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.191
17511	35703	68110	50	222.7	206.8	1.4	0.04	0.000*	---	3.77	1.885
17512	35710	68110	50	408	343.9	1.4	0.04	0.000*	---	5.95	13.437
17513	35719	68110	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.866
17514	35720	68110	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.523
17515	35732	68110	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
17516	35737	68110	50	253.9	229.9	1.4	0.04	0.000*	---	4.15	3.057
17517	35739	68110	50	294.5	259.9	1.4	0.04	0.000*	---	4.63	5.086
17518	35742	68110	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.757
17519	35746	68110	50	380	323.2	1.4	0.04	0.000*	---	5.63	11.077
17520	35747	68110	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.127
17521	35754	68110	50	417	350.5	1.4	0.04	0.000*	---	6.05	14.228
17522	35757	68110	50	572.4	465.6	1.4	0.04	0.000*	---	7.73	29.178
17523	35759	68110	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.024
17524	35764	68110	50	388.5	329.5	1.4	0.04	0.000*	---	5.73	11.774
17525	35766	68110	50	393.8	333.4	1.4	0.04	0.000*	---	5.79	12.22
17526	35767	68110	50	403.5	340.6	1.4	0.04	0.000*	---	5.9	13.049
17527	35770	68110	50	282.9	251.4	1.4	0.04	0.000*	---	4.5	4.451
17528	35774	68110	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.042
17529	35779	68110	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.717
17530	35784	68110	50	401.1	338.9	1.4	0.04	0.000*	---	5.87	12.848
17531	35787	68110	50	419.7	352.6	1.4	0.04	0.000*	---	6.08	14.47
17532	35792	68110	50	266.8	239.4	1.4	0.04	0.000*	---	4.3	3.638
17533	35793	68110	50	166.4	165.1	1.4	0.04	0.000*	---	3.06	0.589
17534	35797	68110	50	112.8	125.5	1.4	0.04	0.000*	---	2.37	0.111
17535	35808	68110	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.931
17536	35834	68110	50	615.3	497.3	1.4	0.04	0.000*	---	8.17	33.374
17537	35847	68110	50	977.2	765.1	1.4	0.04	0.000*	---	11.62	62.524
17538	35855	68110	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.94
17539	35870	68110	50	342	295.1	1.4	0.04	0.000*	---	5.19	8.16
17540	35897	68110	50	181.4	176.2	1.4	0.04	0.000*	---	3.25	0.841
17541	35905	68110	50	24.5	60.1	1.4	0.04	0.000*	---	1.19	0
17542	35913	68110	50	275.1	245.5	1.4	0.04	0.000*	---	4.4	4.044
17543	35914	68110	50	221.7	206.1	1.4	0.04	0.000*	---	3.75	1.855
17544	35916	68110	50	397.9	336.4	1.4	0.04	0.000*	---	5.83	12.566
17545	35923	68110	50	636.7	513.2	1.4	0.04	0.000*	---	8.39	35.447
17546	35942	68110	50	546.3	446.2	1.4	0.04	0.000*	---	7.45	26.592
17547	35952	68110	50	434.1	363.2	1.4	0.04	0.000*	---	6.24	15.77
17548	35953	68110	50	296.8	261.6	1.4	0.04	0.000*	---	4.66	5.221
17549	35957	68110	50	307.9	269.9	1.4	0.04	0.000*	---	4.79	5.884
17550	35972	68110	50	197.4	188.1	1.4	0.04	0.000*	---	3.45	1.182
17551	35996	68110	50	574.6	467.2	1.4	0.04	0.000*	---	7.75	29.393
17552	36037	68110	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.041
17553	36060	68110	50	359.6	308.1	1.4	0.04	0.000*	---	5.4	9.466
17554	36061	68110	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.657
17555	36064	68110	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.566
17556	36068	68110	50	475	393.5	1.4	0.04	0.000*	---	6.69	19.607
17557	36076	68110	50	304.4	267.3	1.4	0.04	0.000*	---	4.75	5.671
17558	36152	68110	50	747	594.8	1.4	0.04	0.000*	---	9.49	45.526
17559	36189	68110	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.816
17560	36611	68110	50	187.6	180.8	1.4	0.04	0.000*	---	3.33	0.964
17561	36750	68110	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.885
17562	36758	68110	50	285.7	253.4	1.4	0.04	0.000*	---	4.53	4.602
17563	36879	68110	50	249	226.3	1.4	0.04	0.000*	---	4.09	2.85
17564	36886	68110	50	702.3	561.7	1.4	0.04	0.000*	---	9.05	41.57
17565	36893	68110	50	468.6	388.8	1.4	0.04	0.000*	---	6.62	19.002
17566	36900	68110	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.422
17567	36905	68110	50	162.9	162.6	1.4	0.04	0.000*	---	3.02	0.54

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17568	37069	68110	50	751.1	597.8	1.4	0.04	0.000*	---	9.52	45.875
17569	37075	68110	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.792
17570	37077	68110	50	270.5	242.2	1.4	0.04	0.000*	---	4.35	3.818
17571	37079	68110	50	417.8	351.1	1.4	0.04	0.000*	---	6.06	14.3
17572	37081	68110	50	377	321	1.4	0.04	0.000*	---	5.6	10.838
17573	37083	68110	50	482	398.7	1.4	0.04	0.000*	---	6.77	20.286
17574	37086	68110	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.67
17575	37091	68110	50	437.8	366	1.4	0.04	0.000*	---	6.28	16.109
17576	37092	68110	50	444.9	371.2	1.4	0.04	0.000*	---	6.36	16.762
17577	37096	68110	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.96
17578	37137	68110	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.993
17579	37188	68110	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.799
17580	37258	68110	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
17581	37305	68110	50	301.5	265.1	1.4	0.04	0.000*	---	4.72	5.494
17582	37332	68110	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.288
17583	37362	68110	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
17584	37398	68110	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
17585	37401	68110	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.496
17586	37434	68110	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.574
17587	37456	68110	50	516.6	424.3	1.4	0.04	0.000*	---	7.14	23.658
17588	37522	68110	50	279.2	248.6	1.4	0.04	0.000*	---	4.45	4.255
17589	37523	68110	50	842.1	665.2	1.4	0.04	0.000*	---	10.39	53.243
17590	37525	68110	50	911.1	716.2	1.4	0.04	0.000*	---	11.03	58.227
17591	37528	68110	50	179.4	174.7	1.4	0.04	0.000*	---	3.23	0.804
17592	37532	68110	50	194.8	186.2	1.4	0.04	0.000*	---	3.42	1.122
17593	37534	68110	50	204.1	193	1.4	0.04	0.000*	---	3.54	1.347
17594	37562	68110	50	457.9	380.9	1.4	0.04	0.000*	---	6.5	17.986
17595	37615	68110	50	231.8	213.5	1.4	0.04	0.000*	---	3.88	2.191
17596	37652	68110	50	349	300.3	1.4	0.04	0.000*	---	5.27	8.668
17597	37656	68110	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
17598	37667	68110	50	152.8	155.1	1.4	0.04	0.000*	---	2.89	0.413
17599	37673	68110	50	361	309.1	1.4	0.04	0.000*	---	5.41	9.574
17600	37674	68110	50	201.8	191.4	1.4	0.04	0.000*	---	3.51	1.29
17601	37707	68110	50	242.2	221.3	1.4	0.04	0.000*	---	4.01	2.578
17602	37810	68110	50	305.2	267.9	1.4	0.04	0.000*	---	4.76	5.72
17603	37821	68110	50	278.3	248	1.4	0.04	0.000*	---	4.44	4.21
17604	37865	68110	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.558
17605	37909	68110	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.925
17606	37915	68110	50	241.8	220.9	1.4	0.04	0.000*	---	4	2.56
17607	37977	68110	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
17608	37985	68110	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.205
17609	38063	68110	50	155.6	157.1	1.4	0.04	0.000*	---	2.92	0.445
17610	38086	68110	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
17611	38089	68110	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.063
17612	38092	68110	50	72	95.3	1.4	0.04	0.000*	---	1.83	0.015
17613	38120	68110	50	119.7	130.6	1.4	0.04	0.000*	---	2.46	0.143
17614	38205	68110	50	291.9	258	1.4	0.04	0.000*	---	4.6	4.94
17615	38211	68110	50	242	221.1	1.4	0.04	0.000*	---	4	2.569
17616	38239	68110	50	328.2	284.8	1.4	0.04	0.000*	---	5.03	7.194
17617	38263	68110	50	192.7	184.6	1.4	0.04	0.000*	---	3.39	1.073
17618	38273	68110	50	434.7	363.7	1.4	0.04	0.000*	---	6.25	15.829
17619	38451	68110	50	193.7	185.4	1.4	0.04	0.000*	---	3.41	1.097
17620	38458	68110	50	147.9	151.4	1.4	0.04	0.000*	---	2.83	0.359
17621	38471	68110	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
17622	38518	68110	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.624
17623	38570	68110	50	207	195.2	1.4	0.04	0.000*	---	3.57	1.424
17624	38571	68110	50	167.2	165.7	1.4	0.04	0.000*	---	3.07	0.601
17625	38602	68110	50	263.7	237.1	1.4	0.04	0.000*	---	4.27	3.493
17626	38609	68110	50	302.7	266	1.4	0.04	0.000*	---	4.73	5.569
17627	38697	68110	50	292.9	258.8	1.4	0.04	0.000*	---	4.62	5.001
17628	38699	68110	50	251.3	228	1.4	0.04	0.000*	---	4.12	2.945

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17629	38719	68110	50	221.7	206.1	1.4	0.04	0.000*	---	3.75	1.855
17630	38725	68110	50	343.7	296.3	1.4	0.04	0.000*	---	5.21	8.283
17631	38757	68110	50	233.7	214.9	1.4	0.04	0.000*	---	3.9	2.258
17632	38774	68110	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.939
17633	38791	68110	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.159
17634	38829	68110	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
17635	38832	68110	50	299.6	263.7	1.4	0.04	0.000*	---	4.69	5.382
17636	38863	68110	50	390.8	331.2	1.4	0.04	0.000*	---	5.75	11.97
17637	38878	68110	50	189.6	182.3	1.4	0.04	0.000*	---	3.35	1.007
17638	38916	68110	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
17639	38921	68110	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.394
17640	38950	68110	50	139.8	145.5	1.4	0.04	0.000*	---	2.72	0.282
17641	38954	68110	50	217.5	202.9	1.4	0.04	0.000*	---	3.7	1.724
17642	38955	68110	50	181.3	176.2	1.4	0.04	0.000*	---	3.25	0.84
17643	38959	68110	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.015
17644	39000	68110	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
17645	39006	68110	50	294.8	260.2	1.4	0.04	0.000*	---	4.64	5.107
17646	39015	68110	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.71
17647	39037	68110	50	206.3	194.6	1.4	0.04	0.000*	---	3.56	1.404
17648	39124	68110	50	252.9	229.2	1.4	0.04	0.000*	---	4.14	3.014
17649	39142	68110	50	219.4	204.4	1.4	0.04	0.000*	---	3.73	1.782
17650	39174	68110	50	499.5	411.6	1.4	0.04	0.000*	---	6.95	21.982
17651	39189	68110	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.057
17652	39209	68110	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.149
17653	39226	68110	50	518.1	425.4	1.4	0.04	0.000*	---	7.15	23.809
17654	39271	68110	50	230	212.2	1.4	0.04	0.000*	---	3.86	2.129
17655	39272	68110	50	176.9	172.9	1.4	0.04	0.000*	---	3.2	0.76
17656	39274	68110	50	164.6	163.8	1.4	0.04	0.000*	---	3.04	0.563
17657	39277	68110	50	215.2	201.2	1.4	0.04	0.000*	---	3.67	1.654
17658	39279	68110	50	362.9	310.5	1.4	0.04	0.000*	---	5.43	9.715
17659	39281	68110	50	355.1	304.8	1.4	0.04	0.000*	---	5.34	9.122
17660	39434	68110	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.521
17661	39437	68110	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
17662	39441	68110	50	324.4	282.1	1.4	0.04	0.000*	---	4.99	6.943
17663	39445	68110	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.4
17664	39448	68110	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.636
17665	39493	68110	50	372.7	317.8	1.4	0.04	0.000*	---	5.55	10.489
17666	39500	68110	50	242	221.1	1.4	0.04	0.000*	---	4	2.569
17667	39523	68110	50	441.2	368.5	1.4	0.04	0.000*	---	6.32	16.427
17668	39559	68110	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.963
17669	39572	68110	50	357.9	306.8	1.4	0.04	0.000*	---	5.38	9.334
17670	39583	68110	50	190.6	183.1	1.4	0.04	0.000*	---	3.37	1.028
17671	39594	68110	50	282.1	250.8	1.4	0.04	0.000*	---	4.49	4.408
17672	39598	68110	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
17673	39605	68110	50	359.6	308.1	1.4	0.04	0.000*	---	5.4	9.464
17674	39619	68110	50	185.5	179.3	1.4	0.04	0.000*	---	3.3	0.922
17675	39635	68110	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.398
17676	39650	68110	50	338	292.1	1.4	0.04	0.000*	---	5.15	7.874
17677	39654	68110	50	251.5	228.1	1.4	0.04	0.000*	---	4.12	2.955
17678	39657	68110	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.389
17679	39683	68110	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.539
17680	49164	68110	50	305.3	267.9	1.4	0.04	0.000*	---	4.76	5.722
17681	49181	68110	50	365.2	312.2	1.4	0.04	0.000*	---	5.46	9.896
17682	49336	68110	50	190.6	183	1.4	0.04	0.000*	---	3.37	1.028
17683	49343	68110	50	442.4	369.4	1.4	0.04	0.000*	---	6.33	16.534
17684	50034	68110	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
17685	50037	68110	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
17686	50039	68110	50	227.8	210.6	1.4	0.04	0.000*	---	3.83	2.053
17687	50252	68110	50	249.3	226.5	1.4	0.04	0.000*	---	4.09	2.861
17688	50253	68110	50	247.9	225.5	1.4	0.04	0.000*	---	4.07	2.805
17689	50254	68110	50	302.3	265.7	1.4	0.04	0.000*	---	4.73	5.543

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17690	50255	68110	50	299	263.3	1.4	0.04	0.000*	---	4.69	5.351
17691	50256	68110	50	287.6	254.9	1.4	0.04	0.000*	---	4.55	4.706
17692	50257	68110	50	427	358	1.4	0.04	0.000*	---	6.16	15.132
17693	50258	68110	50	289.2	256	1.4	0.04	0.000*	---	4.57	4.791
17694	50259	68110	50	298.1	262.6	1.4	0.04	0.000*	---	4.68	5.295
17695	50260	68110	50	384.6	326.6	1.4	0.04	0.000*	---	5.68	11.456
17696	50261	68110	50	284.5	252.6	1.4	0.04	0.000*	---	4.52	4.537
17697	50401	68110	50	304.8	267.6	1.4	0.04	0.000*	---	4.76	5.696
17698	50440	68110	50	492.4	406.4	1.4	0.04	0.000*	---	6.88	21.297
17699	50481	68110	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.083
17700	50482	68110	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.655
17701	50483	68110	50	376.3	320.5	1.4	0.04	0.000*	---	5.59	10.781
17702	50572	68110	50	453.3	377.5	1.4	0.04	0.000*	---	6.45	17.551
17703	50590	68110	50	406.1	342.5	1.4	0.04	0.000*	---	5.93	13.277
17704	50602	68110	50	407.7	343.7	1.4	0.04	0.000*	---	5.94	13.412
17705	50617	68110	50	451.2	375.9	1.4	0.04	0.000*	---	6.43	17.353
17706	55636	68110	50	236.2	216.8	1.4	0.04	0.000*	---	3.93	2.351
17707	55642	68110	50	451.2	375.9	1.4	0.04	0.000*	---	6.43	17.353
17708	55643	68110	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.611
17709	55644	68110	50	456.3	379.7	1.4	0.04	0.000*	---	6.48	17.835
17710	55645	68110	50	547.1	446.9	1.4	0.04	0.000*	---	7.46	26.674
17711	55649	68110	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.704
17712	63316	68110	50	49.8	78.8	1.4	0.04	0.000*	---	1.54	0.003
17713	63319	68110	50	86	105.6	1.4	0.04	0.000*	---	2.02	0.033
17714	66088	68110	50	176.7	172.8	1.4	0.04	0.000*	---	3.19	0.757
17715	73891	68110	50	346.8	298.7	1.4	0.04	0.000*	---	5.25	8.51
17716	73892	68110	50	273	244	1.4	0.04	0.000*	---	4.38	3.938
17717	74149	68110	50	604.3	489.2	1.4	0.04	0.000*	---	8.06	32.305
17718	74155	68110	50	41.6	72.8	1.4	0.04	0.000*	---	1.42	0.002
17719	75834	68110	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.942
17720	77563	68110	50	119.1	130.2	1.4	0.04	0.000*	---	2.45	0.14
17721	79377	68110	50	299.2	263.4	1.4	0.04	0.000*	---	4.69	5.359
17722	79566	68110	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.792
17723	81395	68110	50	41.5	72.7	1.4	0.04	0.000*	---	1.42	0.002
17724	81396	68110	50	78.7	100.2	1.4	0.04	0.000*	---	1.92	0.023
17725	81397	68110	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
17726	81398	68110	50	48.9	78.2	1.4	0.04	0.000*	---	1.52	0.003
17727	81399	68110	50	55.9	83.3	1.4	0.04	0.000*	---	1.62	0.005
17728	81400	68110	50	46.4	76.3	1.4	0.04	0.000*	---	1.49	0.003
17729	81401	68110	50	33.3	66.7	1.4	0.04	0.000*	---	1.31	0.001
17730	81402	68110	50	56.3	83.6	1.4	0.04	0.000*	---	1.62	0.005
17731	81403	68110	50	104.6	119.4	1.4	0.04	0.000*	---	2.26	0.079
17732	81404	68110	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
17733	87991	68110	50	79.8	101	1.4	0.04	0.000*	---	1.94	0.024
17734	87996	68110	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
17735	88030	68110	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
17736	88049	68110	50	173.8	170.6	1.4	0.04	0.000*	---	3.16	0.706
17737	88194	68110	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.177
17738	88205	68110	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
17739	88318	68110	50	324.2	281.9	1.4	0.04	0.000*	---	4.99	6.929
17740	90100	68110	50	85.3	105.2	1.4	0.04	0.000*	---	2.01	0.032
17741	90165	68110	50	282.6	251.1	1.4	0.04	0.000*	---	4.49	4.434
17742	90539	68110	50	146	150	1.4	0.04	0.000*	---	2.8	0.339
17743	90706	68110	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
17744	90707	68110	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
17745	90857	68110	50	504.3	415.2	1.4	0.04	0.000*	---	7.01	22.452
17746	90907	68110	50	820.7	649.3	1.4	0.04	0.000*	---	10.19	51.587
17747	90908	68110	50	702.5	561.9	1.4	0.04	0.000*	---	9.05	41.59
17748	91240	68110	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
17749	91449	68110	50	383.7	325.9	1.4	0.04	0.000*	---	5.67	11.379
17750	91602	68110	50	263.6	237.1	1.4	0.04	0.000*	---	4.26	3.489

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17751	91603	68110	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.612
17752	91604	68110	50	398.4	336.8	1.4	0.04	0.000*	---	5.84	12.614
17753	91608	68110	50	641.2	516.5	1.4	0.04	0.000*	---	8.44	35.874
17754	91732	68110	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.903
17755	92499	68110	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
17756	92500	68110	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
17757	92501	68110	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
17758	92505	68110	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
17759	92511	68110	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
17760	92674	68110	50	62.4	88.2	1.4	0.04	0.000*	---	1.71	0.008
17761	92675	68110	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
17762	92843	68110	50	216.6	202.3	1.4	0.04	0.000*	---	3.69	1.697
17763	92845	68110	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.76
17764	92849	68110	50	333.3	288.7	1.4	0.04	0.000*	---	5.09	7.548
17765	92851	68110	50	210.2	197.6	1.4	0.04	0.000*	---	3.61	1.512
17766	92883	68110	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.614
17767	93337	68110	50	115.7	127.6	1.4	0.04	0.000*	---	2.41	0.123
17768	93338	68110	50	107.1	121.2	1.4	0.04	0.000*	---	2.3	0.088
17769	93339	68110	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
17770	93340	68110	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.051
17771	93341	68110	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.33
17772	93342	68110	50	177.9	173.6	1.4	0.04	0.000*	---	3.21	0.776
17773	93343	68110	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
17774	93344	68110	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
17775	93345	68110	50	140.7	146.1	1.4	0.04	0.000*	---	2.73	0.29
17776	93374	68110	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.07
17777	93375	68110	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
17778	93376	68110	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
17779	93377	68110	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.045
17780	223	68111	50	399.4	337.6	1.4	0.04	0.000*	---	5.85	12.701
17781	227	68111	50	477.9	395.6	1.4	0.04	0.000*	---	6.72	19.886
17782	249	68111	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.042
17783	250	68111	50	396	335.1	1.4	0.04	0.000*	---	5.81	12.41
17784	255	68111	50	80.7	101.7	1.4	0.04	0.000*	---	1.95	0.025
17785	276	68111	50	523.8	429.6	1.4	0.04	0.000*	---	7.21	24.367
17786	305	68111	50	499	411.2	1.4	0.04	0.000*	---	6.95	21.933
17787	310	68111	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.949
17788	318	68111	50	214.2	200.5	1.4	0.04	0.000*	---	3.66	1.625
17789	336	68111	50	580.5	471.6	1.4	0.04	0.000*	---	7.81	29.975
17790	339	68111	50	628.7	507.3	1.4	0.04	0.000*	---	8.31	34.676
17791	363	68111	50	556.3	453.6	1.4	0.04	0.000*	---	7.56	27.581
17792	465	68111	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.34
17793	470	68111	50	462.5	384.3	1.4	0.04	0.000*	---	6.55	18.421
17794	476	68111	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.55
17795	500	68111	50	143.7	148.3	1.4	0.04	0.000*	---	2.77	0.317
17796	537	68111	50	307.9	269.8	1.4	0.04	0.000*	---	4.79	5.882
17797	540	68111	50	168.2	166.5	1.4	0.04	0.000*	---	3.08	0.617
17798	542	68111	50	261.4	235.5	1.4	0.04	0.000*	---	4.24	3.39
17799	546	68111	50	354	304	1.4	0.04	0.000*	---	5.33	9.042
17800	553	68111	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.906
17801	554	68111	50	242	221.1	1.4	0.04	0.000*	---	4	2.569
17802	559	68111	50	387.9	329	1.4	0.04	0.000*	---	5.72	11.727
17803	560	68111	50	284.8	252.7	1.4	0.04	0.000*	---	4.52	4.549
17804	561	68111	50	479.4	396.8	1.4	0.04	0.000*	---	6.74	20.033
17805	563	68111	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.278
17806	564	68111	50	462.6	384.3	1.4	0.04	0.000*	---	6.55	18.427
17807	565	68111	50	572.3	465.5	1.4	0.04	0.000*	---	7.73	29.166
17808	566	68111	50	274	244.8	1.4	0.04	0.000*	---	4.39	3.991
17809	568	68111	50	391.6	331.8	1.4	0.04	0.000*	---	5.76	12.04
17810	571	68111	50	367.5	313.9	1.4	0.04	0.000*	---	5.49	10.076
17811	573	68111	50	346.2	298.2	1.4	0.04	0.000*	---	5.24	8.463

LEAD BATCH MODE OUTPUT FILE
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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17812	574	68111	50	279.4	248.8	1.4	0.04	0.000*	---	4.45	4.266
17813	576	68111	50	264.1	237.4	1.4	0.04	0.000*	---	4.27	3.511
17814	579	68111	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.634
17815	580	68111	50	357	306.2	1.4	0.04	0.000*	---	5.37	9.267
17816	581	68111	50	399.2	337.4	1.4	0.04	0.000*	---	5.85	12.681
17817	582	68111	50	510.4	419.7	1.4	0.04	0.000*	---	7.07	23.049
17818	587	68111	50	417	350.6	1.4	0.04	0.000*	---	6.05	14.234
17819	589	68111	50	217.5	202.9	1.4	0.04	0.000*	---	3.7	1.723
17820	591	68111	50	375.9	320.1	1.4	0.04	0.000*	---	5.58	10.742
17821	592	68111	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.078
17822	594	68111	50	457.7	380.7	1.4	0.04	0.000*	---	6.5	17.968
17823	595	68111	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.608
17824	600	68111	50	486.7	402.1	1.4	0.04	0.000*	---	6.82	20.736
17825	603	68111	50	515.3	423.3	1.4	0.04	0.000*	---	7.12	23.529
17826	604	68111	50	543.4	444.1	1.4	0.04	0.000*	---	7.42	26.304
17827	614	68111	50	512.2	421	1.4	0.04	0.000*	---	7.09	23.227
17828	617	68111	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.495
17829	618	68111	50	462.1	383.9	1.4	0.04	0.000*	---	6.55	18.379
17830	620	68111	50	405.1	341.8	1.4	0.04	0.000*	---	5.91	13.189
17831	625	68111	50	403.2	340.4	1.4	0.04	0.000*	---	5.89	13.022
17832	627	68111	50	338.3	292.4	1.4	0.04	0.000*	---	5.15	7.896
17833	628	68111	50	147.9	151.4	1.4	0.04	0.000*	---	2.83	0.359
17834	630	68111	50	525.1	430.6	1.4	0.04	0.000*	---	7.23	24.498
17835	631	68111	50	800.9	634.7	1.4	0.04	0.000*	---	10	50.021
17836	637	68111	50	414.8	349	1.4	0.04	0.000*	---	6.02	14.039
17837	643	68111	50	200.6	190.5	1.4	0.04	0.000*	---	3.49	1.26
17838	646	68111	50	656.8	528.1	1.4	0.04	0.000*	---	8.59	37.36
17839	648	68111	50	234.4	215.5	1.4	0.04	0.000*	---	3.91	2.286
17840	651	68111	50	317.1	276.7	1.4	0.04	0.000*	---	4.9	6.464
17841	653	68111	50	337.6	291.8	1.4	0.04	0.000*	---	5.14	7.847
17842	665	68111	50	352.9	303.2	1.4	0.04	0.000*	---	5.32	8.961
17843	666	68111	50	364.1	311.5	1.4	0.04	0.000*	---	5.45	9.815
17844	667	68111	50	222.2	206.4	1.4	0.04	0.000*	---	3.76	1.869
17845	668	68111	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.202
17846	669	68111	50	299.9	263.9	1.4	0.04	0.000*	---	4.7	5.401
17847	670	68111	50	504.5	415.3	1.4	0.04	0.000*	---	7.01	22.476
17848	671	68111	50	696	557	1.4	0.04	0.000*	---	8.99	40.996
17849	672	68111	50	323.7	281.5	1.4	0.04	0.000*	---	4.98	6.893
17850	673	68111	50	316	275.9	1.4	0.04	0.000*	---	4.89	6.393
17851	675	68111	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.138
17852	676	68111	50	272.2	243.4	1.4	0.04	0.000*	---	4.37	3.901
17853	677	68111	50	285	252.9	1.4	0.04	0.000*	---	4.52	4.563
17854	678	68111	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.7
17855	679	68111	50	385.6	327.3	1.4	0.04	0.000*	---	5.69	11.537
17856	680	68111	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
17857	681	68111	50	90.4	108.9	1.4	0.04	0.000*	---	2.08	0.041
17858	682	68111	50	301.1	264.8	1.4	0.04	0.000*	---	4.71	5.474
17859	683	68111	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
17860	684	68111	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
17861	685	68111	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
17862	687	68111	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
17863	688	68111	50	266.8	239.4	1.4	0.04	0.000*	---	4.3	3.638
17864	689	68111	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
17865	691	68111	50	220.9	205.5	1.4	0.04	0.000*	---	3.74	1.828
17866	692	68111	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
17867	693	68111	50	151.3	153.9	1.4	0.04	0.000*	---	2.87	0.395
17868	694	68111	50	183.7	178	1.4	0.04	0.000*	---	3.28	0.886
17869	695	68111	50	276.2	246.4	1.4	0.04	0.000*	---	4.42	4.1
17870	696	68111	50	87	106.4	1.4	0.04	0.000*	---	2.03	0.035
17871	697	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
17872	698	68111	50	350.1	301.1	1.4	0.04	0.000*	---	5.29	8.75

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17873	699	68111	50	253.8	229.8	1.4	0.04	0.000*	---	4.15	3.052
17874	703	68111	50	296.7	261.6	1.4	0.04	0.000*	---	4.66	5.216
17875	705	68111	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.67
17876	706	68111	50	396.5	335.4	1.4	0.04	0.000*	---	5.82	12.449
17877	712	68111	50	329.8	286.1	1.4	0.04	0.000*	---	5.05	7.307
17878	713	68111	50	383.1	325.5	1.4	0.04	0.000*	---	5.67	11.335
17879	714	68111	50	163.5	163	1.4	0.04	0.000*	---	3.03	0.549
17880	715	68111	50	186.8	180.2	1.4	0.04	0.000*	---	3.32	0.948
17881	716	68111	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.344
17882	717	68111	50	580.3	471.5	1.4	0.04	0.000*	---	7.81	29.957
17883	719	68111	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
17884	722	68111	50	354.3	304.1	1.4	0.04	0.000*	---	5.33	9.06
17885	725	68111	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.441
17886	727	68111	50	271.6	243	1.4	0.04	0.000*	---	4.36	3.874
17887	728	68111	50	423.9	355.7	1.4	0.04	0.000*	---	6.12	14.845
17888	729	68111	50	598.5	484.9	1.4	0.04	0.000*	---	8	31.745
17889	730	68111	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.704
17890	735	68111	50	427.7	358.5	1.4	0.04	0.000*	---	6.17	15.191
17891	738	68111	50	288.3	255.3	1.4	0.04	0.000*	---	4.56	4.739
17892	741	68111	50	662.8	532.5	1.4	0.04	0.000*	---	8.65	37.917
17893	742	68111	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.886
17894	743	68111	50	262.1	236	1.4	0.04	0.000*	---	4.25	3.421
17895	744	68111	50	527.8	432.5	1.4	0.04	0.000*	---	7.26	24.763
17896	745	68111	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.76
17897	746	68111	50	242.1	221.1	1.4	0.04	0.000*	---	4	2.572
17898	748	68111	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.649
17899	749	68111	50	1700.5	1300.4	1.4	0.04	0.000*	---	17.3	87.835
17900	750	68111	50	339.3	293.1	1.4	0.04	0.000*	---	5.16	7.967
17901	753	68111	50	412.4	347.1	1.4	0.04	0.000*	---	6	13.821
17902	758	68111	50	24.3	60	1.4	0.04	0.000*	---	1.19	0
17903	760	68111	50	164	163.4	1.4	0.04	0.000*	---	3.03	0.555
17904	761	68111	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
17905	763	68111	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
17906	764	68111	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
17907	765	68111	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.733
17908	767	68111	50	323	281	1.4	0.04	0.000*	---	4.97	6.845
17909	770	68111	50	146	150	1.4	0.04	0.000*	---	2.8	0.339
17910	771	68111	50	354.3	304.1	1.4	0.04	0.000*	---	5.33	9.06
17911	774	68111	50	232.9	214.4	1.4	0.04	0.000*	---	3.89	2.231
17912	775	68111	50	125.7	135	1.4	0.04	0.000*	---	2.54	0.177
17913	778	68111	50	337.8	292	1.4	0.04	0.000*	---	5.14	7.86
17914	779	68111	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.415
17915	780	68111	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.945
17916	781	68111	50	522.5	428.7	1.4	0.04	0.000*	---	7.2	24.246
17917	784	68111	50	574.5	467.2	1.4	0.04	0.000*	---	7.75	29.387
17918	787	68111	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.418
17919	788	68111	50	214.4	200.7	1.4	0.04	0.000*	---	3.66	1.632
17920	790	68111	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.75
17921	793	68111	50	298.3	262.7	1.4	0.04	0.000*	---	4.68	5.307
17922	794	68111	50	198.4	188.8	1.4	0.04	0.000*	---	3.46	1.205
17923	795	68111	50	458.6	381.4	1.4	0.04	0.000*	---	6.51	18.048
17924	797	68111	50	195.2	186.4	1.4	0.04	0.000*	---	3.42	1.13
17925	799	68111	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.869
17926	801	68111	50	317.2	276.7	1.4	0.04	0.000*	---	4.9	6.47
17927	802	68111	50	194.7	186.1	1.4	0.04	0.000*	---	3.42	1.119
17928	803	68111	50	164.4	163.7	1.4	0.04	0.000*	---	3.04	0.561
17929	804	68111	50	74.3	97	1.4	0.04	0.000*	---	1.87	0.018
17930	808	68111	50	236.1	216.8	1.4	0.04	0.000*	---	3.93	2.348
17931	809	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
17932	810	68111	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
17933	811	68111	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.661

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17934	813	68111	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
17935	814	68111	50	181.3	176.2	1.4	0.04	0.000*	---	3.25	0.84
17936	816	68111	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
17937	817	68111	50	144.9	149.2	1.4	0.04	0.000*	---	2.79	0.329
17938	820	68111	50	230.8	212.8	1.4	0.04	0.000*	---	3.86	2.155
17939	821	68111	50	223.7	207.6	1.4	0.04	0.000*	---	3.78	1.919
17940	822	68111	50	341.2	294.5	1.4	0.04	0.000*	---	5.18	8.102
17941	828	68111	50	209.7	197.2	1.4	0.04	0.000*	---	3.61	1.499
17942	829	68111	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.576
17943	831	68111	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.37
17944	832	68111	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.206
17945	839	68111	50	168.3	166.6	1.4	0.04	0.000*	---	3.09	0.619
17946	840	68111	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.231
17947	841	68111	50	338.8	292.7	1.4	0.04	0.000*	---	5.15	7.928
17948	842	68111	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
17949	843	68111	50	296.8	261.7	1.4	0.04	0.000*	---	4.66	5.223
17950	844	68111	50	249.1	226.3	1.4	0.04	0.000*	---	4.09	2.853
17951	845	68111	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.523
17952	846	68111	50	112.9	125.6	1.4	0.04	0.000*	---	2.37	0.111
17953	847	68111	50	378.1	321.8	1.4	0.04	0.000*	---	5.61	10.925
17954	848	68111	50	257	232.2	1.4	0.04	0.000*	---	4.18	3.191
17955	849	68111	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
17956	850	68111	50	703.5	562.6	1.4	0.04	0.000*	---	9.06	41.68
17957	851	68111	50	294	259.6	1.4	0.04	0.000*	---	4.63	5.062
17958	852	68111	50	310.5	271.7	1.4	0.04	0.000*	---	4.82	6.041
17959	853	68111	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
17960	854	68111	50	179.1	174.6	1.4	0.04	0.000*	---	3.22	0.8
17961	856	68111	50	181.8	176.6	1.4	0.04	0.000*	---	3.26	0.85
17962	858	68111	50	393.8	333.4	1.4	0.04	0.000*	---	5.79	12.222
17963	859	68111	50	358.9	307.6	1.4	0.04	0.000*	---	5.39	9.414
17964	860	68111	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.253
17965	861	68111	50	432.7	362.2	1.4	0.04	0.000*	---	6.22	15.642
17966	863	68111	50	219.8	204.7	1.4	0.04	0.000*	---	3.73	1.795
17967	864	68111	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
17968	865	68111	50	177.9	173.6	1.4	0.04	0.000*	---	3.21	0.777
17969	866	68111	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
17970	867	68111	50	639.9	515.5	1.4	0.04	0.000*	---	8.42	35.747
17971	871	68111	50	457.8	380.7	1.4	0.04	0.000*	---	6.5	17.969
17972	873	68111	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.721
17973	876	68111	50	230.5	212.6	1.4	0.04	0.000*	---	3.86	2.146
17974	877	68111	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.096
17975	884	68111	50	497.4	410.1	1.4	0.04	0.000*	---	6.93	21.78
17976	909	68111	50	545.6	445.7	1.4	0.04	0.000*	---	7.45	26.521
17977	942	68111	50	421	353.5	1.4	0.04	0.000*	---	6.09	14.585
17978	944	68111	50	490.6	405.1	1.4	0.04	0.000*	---	6.86	21.122
17979	945	68111	50	265.5	238.5	1.4	0.04	0.000*	---	4.29	3.578
17980	946	68111	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.037
17981	948	68111	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.581
17982	956	68111	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.789
17983	962	68111	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
17984	965	68111	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
17985	967	68111	50	291	257.3	1.4	0.04	0.000*	---	4.59	4.889
17986	977	68111	50	139.4	145.1	1.4	0.04	0.000*	---	2.72	0.278
17987	978	68111	50	466.7	387.4	1.4	0.04	0.000*	---	6.6	18.819
17988	980	68111	50	136.2	142.8	1.4	0.04	0.000*	---	2.68	0.252
17989	982	68111	50	366	312.8	1.4	0.04	0.000*	---	5.47	9.958
17990	983	68111	50	242.4	221.4	1.4	0.04	0.000*	---	4.01	2.586
17991	984	68111	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.58
17992	988	68111	50	179.6	174.9	1.4	0.04	0.000*	---	3.23	0.809
17993	990	68111	50	417.6	351	1.4	0.04	0.000*	---	6.05	14.285
17994	993	68111	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.199

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
17995	1008	68111	50	148.7	152.1	1.4	0.04	0.000*	---	2.84	0.367
17996	1021	68111	50	182.6	177.2	1.4	0.04	0.000*	---	3.27	0.865
17997	1022	68111	50	159.7	160.2	1.4	0.04	0.000*	---	2.98	0.497
17998	1024	68111	50	521.2	427.7	1.4	0.04	0.000*	---	7.19	24.111
17999	1030	68111	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
18000	1032	68111	50	216.9	202.5	1.4	0.04	0.000*	---	3.69	1.704
18001	1061	68111	50	356.7	305.9	1.4	0.04	0.000*	---	5.36	9.243
18002	1062	68111	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.252
18003	1063	68111	50	128.4	137	1.4	0.04	0.000*	---	2.58	0.195
18004	1066	68111	50	120.7	131.3	1.4	0.04	0.000*	---	2.47	0.148
18005	1075	68111	50	825.2	652.6	1.4	0.04	0.000*	---	10.23	51.939
18006	1078	68111	50	573	466	1.4	0.04	0.000*	---	7.73	29.238
18007	1081	68111	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.688
18008	1082	68111	50	60.1	86.4	1.4	0.04	0.000*	---	1.67	0.007
18009	1085	68111	50	398.3	336.7	1.4	0.04	0.000*	---	5.84	12.6
18010	1090	68111	50	63.2	88.8	1.4	0.04	0.000*	---	1.72	0.009
18011	1091	68111	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.522
18012	1096	68111	50	231.7	213.5	1.4	0.04	0.000*	---	3.88	2.189
18013	1101	68111	50	84	104.1	1.4	0.04	0.000*	---	1.99	0.03
18014	1108	68111	50	1045.9	816	1.4	0.04	0.000*	---	12.22	66.522
18015	1110	68111	50	176.6	172.7	1.4	0.04	0.000*	---	3.19	0.755
18016	1125	68111	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.858
18017	1127	68111	50	155.9	157.3	1.4	0.04	0.000*	---	2.93	0.448
18018	1134	68111	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
18019	1143	68111	50	598	484.5	1.4	0.04	0.000*	---	7.99	31.687
18020	1145	68111	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.536
18021	1147	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.416
18022	1149	68111	50	63.5	89	1.4	0.04	0.000*	---	1.72	0.009
18023	1153	68111	50	438.2	366.2	1.4	0.04	0.000*	---	6.28	16.144
18024	1154	68111	50	106.1	120.5	1.4	0.04	0.000*	---	2.28	0.084
18025	1157	68111	50	97.1	113.9	1.4	0.04	0.000*	---	2.17	0.057
18026	1158	68111	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
18027	1159	68111	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
18028	1194	68111	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
18029	1202	68111	50	312.8	273.5	1.4	0.04	0.000*	---	4.85	6.19
18030	1204	68111	50	392.1	332.1	1.4	0.04	0.000*	---	5.77	12.077
18031	1206	68111	50	217.5	203	1.4	0.04	0.000*	---	3.7	1.724
18032	1208	68111	50	88.2	107.3	1.4	0.04	0.000*	---	2.05	0.037
18033	1211	68111	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
18034	1213	68111	50	623.9	503.7	1.4	0.04	0.000*	---	8.26	34.208
18035	1221	68111	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.711
18036	1225	68111	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
18037	1238	68111	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.612
18038	1246	68111	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.623
18039	1251	68111	50	421.5	353.9	1.4	0.04	0.000*	---	6.1	14.634
18040	1262	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.421
18041	1264	68111	50	204.4	193.3	1.4	0.04	0.000*	---	3.54	1.356
18042	1265	68111	50	75.2	97.6	1.4	0.04	0.000*	---	1.88	0.019
18043	1266	68111	50	199.5	189.6	1.4	0.04	0.000*	---	3.48	1.232
18044	1275	68111	50	116.4	128.1	1.4	0.04	0.000*	---	2.42	0.127
18045	1277	68111	50	170.5	168.2	1.4	0.04	0.000*	---	3.11	0.653
18046	1285	68111	50	94.9	112.3	1.4	0.04	0.000*	---	2.14	0.052
18047	1288	68111	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
18048	1289	68111	50	165.6	164.6	1.4	0.04	0.000*	---	3.05	0.578
18049	1292	68111	50	140.7	146.1	1.4	0.04	0.000*	---	2.73	0.289
18050	1295	68111	50	280.3	249.4	1.4	0.04	0.000*	---	4.46	4.31
18051	1298	68111	50	134.1	141.3	1.4	0.04	0.000*	---	2.65	0.236
18052	1305	68111	50	708.6	566.4	1.4	0.04	0.000*	---	9.11	42.137
18053	1306	68111	50	349.5	300.7	1.4	0.04	0.000*	---	5.28	8.71
18054	1309	68111	50	292.3	258.3	1.4	0.04	0.000*	---	4.61	4.963
18055	1320	68111	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.57

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18056	1325	68111	50	164.5	163.8	1.4	0.04	0.000*	---	3.04	0.563
18057	1329	68111	50	549.4	448.5	1.4	0.04	0.000*	---	7.49	26.9
18058	1330	68111	50	83.1	103.5	1.4	0.04	0.000*	---	1.98	0.029
18059	1335	68111	50	357.6	306.6	1.4	0.04	0.000*	---	5.37	9.316
18060	1336	68111	50	278.5	248.1	1.4	0.04	0.000*	---	4.44	4.221
18061	1337	68111	50	280.2	249.3	1.4	0.04	0.000*	---	4.46	4.306
18062	1338	68111	50	279.2	248.6	1.4	0.04	0.000*	---	4.45	4.254
18063	1340	68111	50	240.4	219.9	1.4	0.04	0.000*	---	3.98	2.509
18064	1343	68111	50	459.5	382.1	1.4	0.04	0.000*	---	6.52	18.139
18065	1345	68111	50	291.1	257.4	1.4	0.04	0.000*	---	4.59	4.897
18066	1350	68111	50	208	195.9	1.4	0.04	0.000*	---	3.58	1.451
18067	1353	68111	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.905
18068	1368	68111	50	382.1	324.8	1.4	0.04	0.000*	---	5.65	11.249
18069	1372	68111	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.746
18070	1376	68111	50	363.8	311.2	1.4	0.04	0.000*	---	5.44	9.787
18071	1377	68111	50	313.5	274	1.4	0.04	0.000*	---	4.86	6.235
18072	1397	68111	50	92.5	110.5	1.4	0.04	0.000*	---	2.11	0.046
18073	1402	68111	50	152.7	155	1.4	0.04	0.000*	---	2.89	0.411
18074	1422	68111	50	384.3	326.4	1.4	0.04	0.000*	---	5.68	11.43
18075	1425	68111	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.67
18076	1426	68111	50	311.6	272.6	1.4	0.04	0.000*	---	4.84	6.112
18077	1427	68111	50	637.8	514	1.4	0.04	0.000*	---	8.4	35.553
18078	1430	68111	50	98.7	115.1	1.4	0.04	0.000*	---	2.19	0.061
18079	1431	68111	50	282.2	250.9	1.4	0.04	0.000*	---	4.49	4.415
18080	1432	68111	50	371.5	316.9	1.4	0.04	0.000*	---	5.53	10.395
18081	1434	68111	50	312.6	273.3	1.4	0.04	0.000*	---	4.85	6.175
18082	1435	68111	50	208.6	196.3	1.4	0.04	0.000*	---	3.59	1.466
18083	1436	68111	50	360.5	308.8	1.4	0.04	0.000*	---	5.41	9.537
18084	1438	68111	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.088
18085	1439	68111	50	142	147.1	1.4	0.04	0.000*	---	2.75	0.301
18086	1440	68111	50	274.3	244.9	1.4	0.04	0.000*	---	4.39	4.003
18087	1441	68111	50	334.6	289.6	1.4	0.04	0.000*	---	5.11	7.636
18088	1442	68111	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
18089	1443	68111	50	185.2	179.1	1.4	0.04	0.000*	---	3.3	0.916
18090	1444	68111	50	114	126.3	1.4	0.04	0.000*	---	2.39	0.115
18091	1445	68111	50	238.3	218.4	1.4	0.04	0.000*	---	3.96	2.428
18092	1446	68111	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.695
18093	1447	68111	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.319
18094	1448	68111	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.278
18095	1460	68111	50	169.4	167.3	1.4	0.04	0.000*	---	3.1	0.635
18096	1464	68111	50	200.4	190.3	1.4	0.04	0.000*	---	3.49	1.255
18097	1468	68111	50	123.6	133.5	1.4	0.04	0.000*	---	2.51	0.165
18098	1473	68111	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.293
18099	1474	68111	50	272.6	243.8	1.4	0.04	0.000*	---	4.37	3.923
18100	1476	68111	50	222.5	206.7	1.4	0.04	0.000*	---	3.76	1.88
18101	1482	68111	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
18102	1483	68111	50	184.5	178.5	1.4	0.04	0.000*	---	3.29	0.901
18103	1484	68111	50	118.6	129.8	1.4	0.04	0.000*	---	2.45	0.138
18104	1486	68111	50	91	109.4	1.4	0.04	0.000*	---	2.09	0.043
18105	1487	68111	50	108.3	122.1	1.4	0.04	0.000*	---	2.31	0.092
18106	1489	68111	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.34
18107	1490	68111	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
18108	1491	68111	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.527
18109	1493	68111	50	109.9	123.3	1.4	0.04	0.000*	---	2.33	0.098
18110	1497	68111	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
18111	1498	68111	50	305.5	268	1.4	0.04	0.000*	---	4.76	5.734
18112	2008	68111	50	88.5	107.5	1.4	0.04	0.000*	---	2.05	0.038
18113	2035	68111	50	398.9	337.2	1.4	0.04	0.000*	---	5.84	12.657
18114	2075	68111	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
18115	2095	68111	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.529
18116	2103	68111	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18117	2109	68111	50	254.3	230.2	1.4	0.04	0.000*	---	4.15	3.071
18118	2112	68111	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.023
18119	2118	68111	50	67.5	92	1.4	0.04	0.000*	---	1.77	0.012
18120	2119	68111	50	242.5	221.5	1.4	0.04	0.000*	---	4.01	2.589
18121	2121	68111	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
18122	2123	68111	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.374
18123	2126	68111	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
18124	2150	68111	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.71
18125	2154	68111	50	166	164.9	1.4	0.04	0.000*	---	3.06	0.584
18126	2160	68111	50	391.9	332	1.4	0.04	0.000*	---	5.77	12.063
18127	2169	68111	50	163.7	163.1	1.4	0.04	0.000*	---	3.03	0.551
18128	2173	68111	50	378.5	322.1	1.4	0.04	0.000*	---	5.61	10.956
18129	2175	68111	50	294.7	260.1	1.4	0.04	0.000*	---	4.64	5.102
18130	2179	68111	50	156.1	157.5	1.4	0.04	0.000*	---	2.93	0.451
18131	2202	68111	50	376.1	320.3	1.4	0.04	0.000*	---	5.58	10.758
18132	2204	68111	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.912
18133	2208	68111	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
18134	2216	68111	50	176.6	172.7	1.4	0.04	0.000*	---	3.19	0.755
18135	2225	68111	50	175.5	171.9	1.4	0.04	0.000*	---	3.18	0.736
18136	2231	68111	50	177.8	173.6	1.4	0.04	0.000*	---	3.21	0.775
18137	2232	68111	50	286.8	254.3	1.4	0.04	0.000*	---	4.54	4.661
18138	2242	68111	50	115.6	127.5	1.4	0.04	0.000*	---	2.41	0.123
18139	2246	68111	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.717
18140	2262	68111	50	329.6	285.9	1.4	0.04	0.000*	---	5.05	7.29
18141	2281	68111	50	435.2	364	1.4	0.04	0.000*	---	6.25	15.873
18142	2286	68111	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.796
18143	2287	68111	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
18144	2288	68111	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
18145	2290	68111	50	355	304.7	1.4	0.04	0.000*	---	5.34	9.119
18146	2298	68111	50	268.8	240.9	1.4	0.04	0.000*	---	4.33	3.734
18147	2305	68111	50	305.3	267.9	1.4	0.04	0.000*	---	4.76	5.721
18148	2310	68111	50	274.3	245	1.4	0.04	0.000*	---	4.39	4.004
18149	2343	68111	50	298	262.5	1.4	0.04	0.000*	---	4.68	5.291
18150	2344	68111	50	331.9	287.6	1.4	0.04	0.000*	---	5.07	7.448
18151	2349	68111	50	167.1	165.6	1.4	0.04	0.000*	---	3.07	0.6
18152	2365	68111	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
18153	2366	68111	50	262	235.9	1.4	0.04	0.000*	---	4.25	3.415
18154	2375	68111	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
18155	2406	68111	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
18156	2407	68111	50	401.9	339.4	1.4	0.04	0.000*	---	5.88	12.909
18157	2425	68111	50	237.7	217.9	1.4	0.04	0.000*	---	3.95	2.406
18158	2542	68111	50	344.9	297.2	1.4	0.04	0.000*	---	5.23	8.369
18159	2548	68111	50	286.2	253.8	1.4	0.04	0.000*	---	4.54	4.626
18160	2549	68111	50	118	129.3	1.4	0.04	0.000*	---	2.44	0.134
18161	2559	68111	50	223.3	207.3	1.4	0.04	0.000*	---	3.77	1.906
18162	2560	68111	50	120.2	131	1.4	0.04	0.000*	---	2.47	0.146
18163	2562	68111	50	155.6	157.2	1.4	0.04	0.000*	---	2.92	0.445
18164	2565	68111	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
18165	2566	68111	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.12
18166	2571	68111	50	204.3	193.2	1.4	0.04	0.000*	---	3.54	1.353
18167	2572	68111	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.791
18168	2573	68111	50	462.1	384	1.4	0.04	0.000*	---	6.55	18.38
18169	2574	68111	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.928
18170	2576	68111	50	1005.8	786.3	1.4	0.04	0.000*	---	11.87	64.247
18171	2577	68111	50	59.4	85.9	1.4	0.04	0.000*	---	1.67	0.007
18172	2579	68111	50	194.2	185.7	1.4	0.04	0.000*	---	3.41	1.107
18173	2580	68111	50	269.7	241.6	1.4	0.04	0.000*	---	4.34	3.78
18174	2581	68111	50	639.9	515.5	1.4	0.04	0.000*	---	8.42	35.747
18175	2583	68111	50	247.3	225	1.4	0.04	0.000*	---	4.07	2.78
18176	2584	68111	50	53	81.2	1.4	0.04	0.000*	---	1.58	0.004
18177	3009	68111	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.864

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18178	3014	68111	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.675
18179	3016	68111	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.341
18180	3019	68111	50	84.9	104.8	1.4	0.04	0.000*	---	2.01	0.031
18181	3046	68111	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.86
18182	3051	68111	50	80	101.2	1.4	0.04	0.000*	---	1.94	0.024
18183	3053	68111	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
18184	3058	68111	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.209
18185	3069	68111	50	163.6	163.1	1.4	0.04	0.000*	---	3.03	0.55
18186	3070	68111	50	200	190	1.4	0.04	0.000*	---	3.48	1.243
18187	3075	68111	50	206.8	195.1	1.4	0.04	0.000*	---	3.57	1.42
18188	3081	68111	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
18189	3088	68111	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.336
18190	3089	68111	50	342.1	295.2	1.4	0.04	0.000*	---	5.19	8.169
18191	3091	68111	50	158.1	159	1.4	0.04	0.000*	---	2.96	0.476
18192	3095	68111	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.188
18193	3102	68111	50	92.8	110.6	1.4	0.04	0.000*	---	2.11	0.046
18194	3106	68111	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
18195	3119	68111	50	327.7	284.5	1.4	0.04	0.000*	---	5.03	7.163
18196	3133	68111	50	139.1	144.9	1.4	0.04	0.000*	---	2.71	0.275
18197	3134	68111	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
18198	3138	68111	50	157.3	158.4	1.4	0.04	0.000*	---	2.95	0.466
18199	3147	68111	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
18200	3151	68111	50	228.3	211	1.4	0.04	0.000*	---	3.83	2.071
18201	3162	68111	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.206
18202	3169	68111	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
18203	3170	68111	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.112
18204	3177	68111	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
18205	3186	68111	50	380.4	323.5	1.4	0.04	0.000*	---	5.63	11.113
18206	3187	68111	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.676
18207	3189	68111	50	397.5	336.2	1.4	0.04	0.000*	---	5.83	12.539
18208	3191	68111	50	217.8	203.2	1.4	0.04	0.000*	---	3.71	1.734
18209	3195	68111	50	109.9	123.3	1.4	0.04	0.000*	---	2.33	0.098
18210	3196	68111	50	352.7	303	1.4	0.04	0.000*	---	5.32	8.942
18211	3198	68111	50	393.3	333.1	1.4	0.04	0.000*	---	5.78	12.182
18212	3201	68111	50	299.8	263.8	1.4	0.04	0.000*	---	4.7	5.395
18213	3212	68111	50	132.5	140	1.4	0.04	0.000*	---	2.63	0.223
18214	3213	68111	50	186.5	180	1.4	0.04	0.000*	---	3.32	0.942
18215	3214	68111	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
18216	3215	68111	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
18217	3216	68111	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.406
18218	3217	68111	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.66
18219	3218	68111	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.175
18220	3220	68111	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064
18221	5001	68111	50	898.3	706.7	1.4	0.04	0.000*	---	10.91	57.342
18222	5003	68111	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
18223	5007	68111	50	328.5	285.1	1.4	0.04	0.000*	---	5.04	7.217
18224	5008	68111	50	397	335.8	1.4	0.04	0.000*	---	5.82	12.49
18225	5013	68111	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
18226	5014	68111	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.88
18227	5015	68111	50	67.7	92.1	1.4	0.04	0.000*	---	1.78	0.012
18228	5016	68111	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.615
18229	5022	68111	50	242.3	221.3	1.4	0.04	0.000*	---	4.01	2.58
18230	5023	68111	50	334	289.1	1.4	0.04	0.000*	---	5.1	7.592
18231	5025	68111	50	65.7	90.6	1.4	0.04	0.000*	---	1.75	0.01
18232	5031	68111	50	127	136	1.4	0.04	0.000*	---	2.56	0.185
18233	5032	68111	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
18234	5034	68111	50	217.8	203.1	1.4	0.04	0.000*	---	3.7	1.731
18235	5035	68111	50	177.1	173	1.4	0.04	0.000*	---	3.2	0.763
18236	5044	68111	50	162.2	162.1	1.4	0.04	0.000*	---	3.01	0.531
18237	5046	68111	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.757
18238	5085	68111	50	173.9	170.7	1.4	0.04	0.000*	---	3.16	0.708

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PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18239	5090	68111	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
18240	5091	68111	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	1.001
18241	5092	68111	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393
18242	5094	68111	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
18243	5095	68111	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.019
18244	5169	68111	50	106	120.4	1.4	0.04	0.000*	---	2.28	0.084
18245	5170	68111	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
18246	5171	68111	50	165.6	164.5	1.4	0.04	0.000*	---	3.05	0.578
18247	5204	68111	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
18248	5205	68111	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.078
18249	5206	68111	50	73.3	96.2	1.4	0.04	0.000*	---	1.85	0.017
18250	5207	68111	50	321.4	279.8	1.4	0.04	0.000*	---	4.95	6.741
18251	5208	68111	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.463
18252	5215	68111	50	278.7	248.2	1.4	0.04	0.000*	---	4.45	4.228
18253	5216	68111	50	325.9	283.1	1.4	0.04	0.000*	---	5	7.038
18254	5217	68111	50	643.5	518.2	1.4	0.04	0.000*	---	8.46	36.098
18255	5218	68111	50	264.9	238	1.4	0.04	0.000*	---	4.28	3.549
18256	5219	68111	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
18257	5220	68111	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
18258	5221	68111	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.074
18259	5222	68111	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.228
18260	5230	68111	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.352
18261	5231	68111	50	131.4	139.3	1.4	0.04	0.000*	---	2.61	0.216
18262	5232	68111	50	599.8	485.9	1.4	0.04	0.000*	---	8.01	31.868
18263	5233	68111	50	430.4	360.5	1.4	0.04	0.000*	---	6.2	15.436
18264	5234	68111	50	384.4	326.4	1.4	0.04	0.000*	---	5.68	11.435
18265	5235	68111	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.282
18266	5236	68111	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.769
18267	5237	68111	50	454.6	378.4	1.4	0.04	0.000*	---	6.47	17.67
18268	5238	68111	50	221.9	206.2	1.4	0.04	0.000*	---	3.76	1.859
18269	5239	68111	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.503
18270	5240	68111	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
18271	5241	68111	50	140.4	145.9	1.4	0.04	0.000*	---	2.73	0.287
18272	5242	68111	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
18273	5243	68111	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.965
18274	5245	68111	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.674
18275	5246	68111	50	212.8	199.4	1.4	0.04	0.000*	---	3.64	1.583
18276	5247	68111	50	252.8	229.1	1.4	0.04	0.000*	---	4.13	3.007
18277	5248	68111	50	155.4	157	1.4	0.04	0.000*	---	2.92	0.443
18278	5249	68111	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.628
18279	5250	68111	50	349.9	300.9	1.4	0.04	0.000*	---	5.28	8.735
18280	5252	68111	50	396.8	335.6	1.4	0.04	0.000*	---	5.82	12.475
18281	5253	68111	50	422.9	354.9	1.4	0.04	0.000*	---	6.11	14.756
18282	5286	68111	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
18283	5287	68111	50	75.8	98.1	1.4	0.04	0.000*	---	1.88	0.019
18284	5288	68111	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
18285	5289	68111	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
18286	5290	68111	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
18287	5291	68111	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
18288	5292	68111	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
18289	5293	68111	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
18290	5294	68111	50	372.5	317.7	1.4	0.04	0.000*	---	5.54	10.476
18291	5295	68111	50	239.9	219.6	1.4	0.04	0.000*	---	3.98	2.49
18292	5296	68111	50	443.2	369.9	1.4	0.04	0.000*	---	6.34	16.605
18293	5329	68111	50	426.5	357.6	1.4	0.04	0.000*	---	6.15	15.078
18294	5330	68111	50	359.1	307.7	1.4	0.04	0.000*	---	5.39	9.425
18295	5333	68111	50	193.2	185	1.4	0.04	0.000*	---	3.4	1.085
18296	5513	68111	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.388
18297	5514	68111	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
18298	5515	68111	50	248.4	225.8	1.4	0.04	0.000*	---	4.08	2.824
18299	5516	68111	50	199.4	189.5	1.4	0.04	0.000*	---	3.48	1.229

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18300	5517	68111	50	398.5	336.9	1.4	0.04	0.000*	---	5.84	12.622
18301	5518	68111	50	183.6	177.9	1.4	0.04	0.000*	---	3.28	0.883
18302	5519	68111	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
18303	5611	68111	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.074
18304	5618	68111	50	118.1	129.4	1.4	0.04	0.000*	---	2.44	0.135
18305	5619	68111	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.438
18306	5625	68111	50	302.9	266.1	1.4	0.04	0.000*	---	4.73	5.578
18307	5626	68111	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.117
18308	5645	68111	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
18309	5655	68111	50	283.3	251.6	1.4	0.04	0.000*	---	4.5	4.47
18310	5665	68111	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.758
18311	5666	68111	50	172	169.3	1.4	0.04	0.000*	---	3.13	0.676
18312	5670	68111	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
18313	5681	68111	50	413.9	348.3	1.4	0.04	0.000*	---	6.01	13.957
18314	5686	68111	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.022
18315	5687	68111	50	259.1	233.7	1.4	0.04	0.000*	---	4.21	3.283
18316	25624	68111	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.741
18317	25637	68111	50	140.6	146.1	1.4	0.04	0.000*	---	2.73	0.289
18318	25640	68111	50	323	281	1.4	0.04	0.000*	---	4.97	6.849
18319	25642	68111	50	213.6	200	1.4	0.04	0.000*	---	3.65	1.607
18320	25644	68111	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
18321	25645	68111	50	301.7	265.3	1.4	0.04	0.000*	---	4.72	5.509
18322	25646	68111	50	290.8	257.2	1.4	0.04	0.000*	---	4.59	4.879
18323	25647	68111	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.281
18324	25648	68111	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.811
18325	25649	68111	50	232.9	214.4	1.4	0.04	0.000*	---	3.89	2.231
18326	25651	68111	50	237.1	217.5	1.4	0.04	0.000*	---	3.94	2.384
18327	25652	68111	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.589
18328	25658	68111	50	525.6	431	1.4	0.04	0.000*	---	7.23	24.552
18329	25660	68111	50	313.7	274.1	1.4	0.04	0.000*	---	4.86	6.243
18330	25662	68111	50	231.3	213.2	1.4	0.04	0.000*	---	3.87	2.175
18331	25663	68111	50	288.3	255.3	1.4	0.04	0.000*	---	4.56	4.739
18332	25669	68111	50	206.4	194.8	1.4	0.04	0.000*	---	3.56	1.409
18333	25670	68111	50	206.1	194.5	1.4	0.04	0.000*	---	3.56	1.4
18334	25671	68111	50	281.6	250.4	1.4	0.04	0.000*	---	4.48	4.379
18335	25673	68111	50	338	292.1	1.4	0.04	0.000*	---	5.15	7.872
18336	25674	68111	50	110.2	123.5	1.4	0.04	0.000*	---	2.34	0.099
18337	25675	68111	50	269.8	241.7	1.4	0.04	0.000*	---	4.34	3.785
18338	25678	68111	50	671.8	539.1	1.4	0.04	0.000*	---	8.74	38.758
18339	25679	68111	50	422	354.3	1.4	0.04	0.000*	---	6.1	14.681
18340	25680	68111	50	221.6	205.9	1.4	0.04	0.000*	---	3.75	1.849
18341	25681	68111	50	177.6	173.4	1.4	0.04	0.000*	---	3.2	0.772
18342	25682	68111	50	349.6	300.7	1.4	0.04	0.000*	---	5.28	8.714
18343	25683	68111	50	378.8	322.3	1.4	0.04	0.000*	---	5.62	10.976
18344	25684	68111	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.04
18345	25685	68111	50	330.3	286.4	1.4	0.04	0.000*	---	5.06	7.336
18346	25686	68111	50	441.9	369	1.4	0.04	0.000*	---	6.33	16.493
18347	25687	68111	50	299.9	264	1.4	0.04	0.000*	---	4.7	5.405
18348	25688	68111	50	390	330.6	1.4	0.04	0.000*	---	5.74	11.9
18349	25693	68111	50	569.5	463.4	1.4	0.04	0.000*	---	7.7	28.889
18350	25695	68111	50	644.6	519	1.4	0.04	0.000*	---	8.47	36.201
18351	25696	68111	50	524.2	429.9	1.4	0.04	0.000*	---	7.22	24.412
18352	25697	68111	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
18353	25698	68111	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
18354	25699	68111	50	359.9	308.3	1.4	0.04	0.000*	---	5.4	9.489
18355	25701	68111	50	416.3	350.1	1.4	0.04	0.000*	---	6.04	14.169
18356	25705	68111	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.493
18357	25706	68111	50	268	240.4	1.4	0.04	0.000*	---	4.32	3.698
18358	25708	68111	50	441.1	368.4	1.4	0.04	0.000*	---	6.32	16.414
18359	25709	68111	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.535
18360	25716	68111	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.5

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18361	25718	68111	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.56
18362	25719	68111	50	449.5	374.6	1.4	0.04	0.000*	---	6.41	17.19
18363	25724	68111	50	453.2	377.4	1.4	0.04	0.000*	---	6.45	17.544
18364	25726	68111	50	1307.8	1009.8	1.4	0.04	0.000*	---	14.38	78.039
18365	25727	68111	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
18366	25730	68111	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.085
18367	25731	68111	50	534.8	437.8	1.4	0.04	0.000*	---	7.33	25.461
18368	25732	68111	50	165.5	164.4	1.4	0.04	0.000*	---	3.05	0.576
18369	25735	68111	50	382.9	325.4	1.4	0.04	0.000*	---	5.66	11.317
18370	25736	68111	50	439.2	367	1.4	0.04	0.000*	---	6.3	16.239
18371	25738	68111	50	447.8	373.4	1.4	0.04	0.000*	---	6.39	17.039
18372	25739	68111	50	219.5	204.4	1.4	0.04	0.000*	---	3.73	1.784
18373	25741	68111	50	414.2	348.5	1.4	0.04	0.000*	---	6.02	13.983
18374	25742	68111	50	316.3	276	1.4	0.04	0.000*	---	4.89	6.409
18375	25745	68111	50	222.7	206.8	1.4	0.04	0.000*	---	3.77	1.887
18376	25747	68111	50	783.1	621.5	1.4	0.04	0.000*	---	9.83	48.568
18377	25749	68111	50	196.4	187.3	1.4	0.04	0.000*	---	3.44	1.158
18378	25750	68111	50	253.2	229.4	1.4	0.04	0.000*	---	4.14	3.026
18379	25754	68111	50	282.5	251.1	1.4	0.04	0.000*	---	4.49	4.429
18380	25755	68111	50	159.6	160.1	1.4	0.04	0.000*	---	2.97	0.495
18381	25756	68111	50	318.7	277.9	1.4	0.04	0.000*	---	4.92	6.567
18382	25758	68111	50	335.3	290.1	1.4	0.04	0.000*	---	5.11	7.688
18383	25759	68111	50	298.2	262.7	1.4	0.04	0.000*	---	4.68	5.304
18384	25761	68111	50	307.1	269.2	1.4	0.04	0.000*	---	4.78	5.832
18385	25762	68111	50	694.5	555.9	1.4	0.04	0.000*	---	8.97	40.855
18386	25763	68111	50	307.8	269.8	1.4	0.04	0.000*	---	4.79	5.88
18387	25764	68111	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.879
18388	25765	68111	50	278.1	247.8	1.4	0.04	0.000*	---	4.44	4.198
18389	25766	68111	50	185.8	179.4	1.4	0.04	0.000*	---	3.31	0.926
18390	25768	68111	50	349.8	300.9	1.4	0.04	0.000*	---	5.28	8.729
18391	25769	68111	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
18392	25770	68111	50	369.6	315.5	1.4	0.04	0.000*	---	5.51	10.24
18393	25771	68111	50	692.5	554.4	1.4	0.04	0.000*	---	8.95	40.672
18394	25772	68111	50	304.1	267.1	1.4	0.04	0.000*	---	4.75	5.655
18395	25773	68111	50	368.7	314.9	1.4	0.04	0.000*	---	5.5	10.175
18396	25774	68111	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.336
18397	25775	68111	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.558
18398	25776	68111	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.061
18399	25778	68111	50	224.2	207.9	1.4	0.04	0.000*	---	3.78	1.935
18400	25779	68111	50	351.8	302.3	1.4	0.04	0.000*	---	5.31	8.877
18401	25780	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
18402	25781	68111	50	199.3	189.4	1.4	0.04	0.000*	---	3.48	1.226
18403	25782	68111	50	315.3	275.3	1.4	0.04	0.000*	---	4.88	6.344
18404	25785	68111	50	292	258	1.4	0.04	0.000*	---	4.6	4.945
18405	25786	68111	50	412.7	347.4	1.4	0.04	0.000*	---	6	13.848
18406	25787	68111	50	600.5	486.4	1.4	0.04	0.000*	---	8.02	31.935
18407	25788	68111	50	292.5	258.5	1.4	0.04	0.000*	---	4.61	4.977
18408	25790	68111	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.801
18409	25793	68111	50	257.6	232.6	1.4	0.04	0.000*	---	4.19	3.217
18410	25794	68111	50	405.1	341.8	1.4	0.04	0.000*	---	5.91	13.193
18411	25796	68111	50	441	368.4	1.4	0.04	0.000*	---	6.32	16.407
18412	25797	68111	50	201	190.8	1.4	0.04	0.000*	---	3.5	1.27
18413	25800	68111	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.021
18414	25801	68111	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.38
18415	25803	68111	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.011
18416	25804	68111	50	272.6	243.7	1.4	0.04	0.000*	---	4.37	3.922
18417	25805	68111	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.676
18418	25807	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.949
18419	25808	68111	50	271.9	243.2	1.4	0.04	0.000*	---	4.36	3.885
18420	25809	68111	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.997
18421	25810	68111	50	363.8	311.2	1.4	0.04	0.000*	---	5.44	9.791

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18422	25811	68111	50	456.6	379.9	1.4	0.04	0.000*	---	6.49	17.863
18423	25813	68111	50	270.3	242	1.4	0.04	0.000*	---	4.34	3.806
18424	25814	68111	50	566.4	461.1	1.4	0.04	0.000*	---	7.67	28.583
18425	25815	68111	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.792
18426	25816	68111	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221
18427	25817	68111	50	420.1	352.9	1.4	0.04	0.000*	---	6.08	14.51
18428	25818	68111	50	429.2	359.6	1.4	0.04	0.000*	---	6.18	15.329
18429	25819	68111	50	358.9	307.6	1.4	0.04	0.000*	---	5.39	9.412
18430	25821	68111	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.949
18431	25823	68111	50	355	304.7	1.4	0.04	0.000*	---	5.34	9.115
18432	25824	68111	50	391.9	332	1.4	0.04	0.000*	---	5.76	12.061
18433	25825	68111	50	420.4	353.1	1.4	0.04	0.000*	---	6.09	14.537
18434	25826	68111	50	562.2	458.1	1.4	0.04	0.000*	---	7.62	28.171
18435	25827	68111	50	327.8	284.6	1.4	0.04	0.000*	---	5.03	7.168
18436	25828	68111	50	304.4	267.3	1.4	0.04	0.000*	---	4.75	5.672
18437	25829	68111	50	683	547.4	1.4	0.04	0.000*	---	8.86	39.798
18438	25830	68111	50	415	349.1	1.4	0.04	0.000*	---	6.03	14.055
18439	25831	68111	50	456.1	379.5	1.4	0.04	0.000*	---	6.48	17.815
18440	25833	68111	50	659.9	530.3	1.4	0.04	0.000*	---	8.62	37.644
18441	25834	68111	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.752
18442	25836	68111	50	490.9	405.2	1.4	0.04	0.000*	---	6.86	21.144
18443	25837	68111	50	685.9	549.5	1.4	0.04	0.000*	---	8.88	40.067
18444	25838	68111	50	519.4	426.4	1.4	0.04	0.000*	---	7.17	23.941
18445	25840	68111	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
18446	25843	68111	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.394
18447	25844	68111	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
18448	25845	68111	50	347.3	299	1.4	0.04	0.000*	---	5.25	8.541
18449	25847	68111	50	631	509	1.4	0.04	0.000*	---	8.33	34.897
18450	25848	68111	50	90.1	108.7	1.4	0.04	0.000*	---	2.07	0.041
18451	25849	68111	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.613
18452	25850	68111	50	168.3	166.6	1.4	0.04	0.000*	---	3.09	0.619
18453	25851	68111	50	476.5	394.6	1.4	0.04	0.000*	---	6.71	19.759
18454	25853	68111	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.076
18455	25854	68111	50	662.9	532.5	1.4	0.04	0.000*	---	8.66	37.93
18456	25855	68111	50	499.5	411.6	1.4	0.04	0.000*	---	6.95	21.985
18457	25860	68111	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.047
18458	25862	68111	50	251.3	227.9	1.4	0.04	0.000*	---	4.11	2.943
18459	25863	68111	50	231.1	213	1.4	0.04	0.000*	---	3.87	2.166
18460	25864	68111	50	140.5	145.9	1.4	0.04	0.000*	---	2.73	0.288
18461	25866	68111	50	115.9	127.8	1.4	0.04	0.000*	---	2.41	0.124
18462	25868	68111	50	259.8	234.3	1.4	0.04	0.000*	---	4.22	3.317
18463	25869	68111	50	74.7	97.3	1.4	0.04	0.000*	---	1.87	0.018
18464	25870	68111	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.868
18465	25871	68111	50	461.5	383.5	1.4	0.04	0.000*	---	6.54	18.328
18466	25872	68111	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.946
18467	25873	68111	50	190.6	183	1.4	0.04	0.000*	---	3.37	1.027
18468	25874	68111	50	366.7	313.4	1.4	0.04	0.000*	---	5.48	10.016
18469	25875	68111	50	380.1	323.3	1.4	0.04	0.000*	---	5.63	11.09
18470	25876	68111	50	241.1	220.4	1.4	0.04	0.000*	---	3.99	2.535
18471	25877	68111	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.874
18472	25879	68111	50	179.3	174.7	1.4	0.04	0.000*	---	3.22	0.802
18473	25883	68111	50	709.8	567.2	1.4	0.04	0.000*	---	9.12	42.242
18474	25884	68111	50	994.6	778	1.4	0.04	0.000*	---	11.77	63.578
18475	25894	68111	50	242.6	221.5	1.4	0.04	0.000*	---	4.01	2.591
18476	25896	68111	50	270.6	242.3	1.4	0.04	0.000*	---	4.35	3.823
18477	25898	68111	50	451.8	376.3	1.4	0.04	0.000*	---	6.43	17.407
18478	25899	68111	50	495.6	408.7	1.4	0.04	0.000*	---	6.91	21.601
18479	25903	68111	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
18480	25907	68111	50	231.5	213.3	1.4	0.04	0.000*	---	3.87	2.18
18481	25908	68111	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.789
18482	25910	68111	50	289.3	256.1	1.4	0.04	0.000*	---	4.57	4.798

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18483	25912	68111	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
18484	25915	68111	50	150.9	153.6	1.4	0.04	0.000*	---	2.86	0.39
18485	25918	68111	50	63	88.6	1.4	0.04	0.000*	---	1.71	0.009
18486	25919	68111	50	480.9	397.8	1.4	0.04	0.000*	---	6.75	20.175
18487	25921	68111	50	409	344.7	1.4	0.04	0.000*	---	5.96	13.53
18488	25924	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
18489	25925	68111	50	537.7	439.9	1.4	0.04	0.000*	---	7.36	25.739
18490	25927	68111	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
18491	25930	68111	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.331
18492	25931	68111	50	207.4	195.5	1.4	0.04	0.000*	---	3.58	1.436
18493	25932	68111	50	576.9	468.9	1.4	0.04	0.000*	---	7.78	29.62
18494	25933	68111	50	439.9	367.5	1.4	0.04	0.000*	---	6.3	16.303
18495	25935	68111	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.982
18496	25936	68111	50	314.7	274.9	1.4	0.04	0.000*	---	4.87	6.309
18497	25937	68111	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.421
18498	25938	68111	50	254.3	230.2	1.4	0.04	0.000*	---	4.15	3.073
18499	25939	68111	50	434	363.2	1.4	0.04	0.000*	---	6.24	15.762
18500	25942	68111	50	392.9	332.8	1.4	0.04	0.000*	---	5.78	12.15
18501	25943	68111	50	275.5	245.9	1.4	0.04	0.000*	---	4.41	4.067
18502	25944	68111	50	242	221.1	1.4	0.04	0.000*	---	4	2.568
18503	25947	68111	50	547.3	447	1.4	0.04	0.000*	---	7.47	26.697
18504	25949	68111	50	238.3	218.3	1.4	0.04	0.000*	---	3.96	2.427
18505	25950	68111	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.261
18506	25952	68111	50	236.1	216.8	1.4	0.04	0.000*	---	3.93	2.348
18507	25953	68111	50	167.5	165.9	1.4	0.04	0.000*	---	3.08	0.606
18508	25955	68111	50	31.1	65	1.4	0.04	0.000*	---	1.28	0.001
18509	25956	68111	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
18510	25958	68111	50	507.1	417.3	1.4	0.04	0.000*	---	7.04	22.731
18511	25961	68111	50	282	250.6	1.4	0.04	0.000*	---	4.49	4.4
18512	25962	68111	50	357.6	306.6	1.4	0.04	0.000*	---	5.37	9.313
18513	25963	68111	50	318.9	278	1.4	0.04	0.000*	---	4.92	6.578
18514	25964	68111	50	1239.6	959.3	1.4	0.04	0.000*	---	13.84	75.533
18515	25965	68111	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.338
18516	25968	68111	50	932.6	732.1	1.4	0.04	0.000*	---	11.22	59.677
18517	25970	68111	50	275.3	245.7	1.4	0.04	0.000*	---	4.41	4.056
18518	25971	68111	50	308.7	270.4	1.4	0.04	0.000*	---	4.8	5.932
18519	25972	68111	50	340.1	293.7	1.4	0.04	0.000*	---	5.17	8.022
18520	25973	68111	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
18521	25974	68111	50	146.5	150.4	1.4	0.04	0.000*	---	2.81	0.344
18522	25975	68111	50	601.3	487	1.4	0.04	0.000*	---	8.03	32.02
18523	25976	68111	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
18524	25977	68111	50	119.9	130.7	1.4	0.04	0.000*	---	2.46	0.144
18525	25978	68111	50	987.5	772.8	1.4	0.04	0.000*	---	11.71	63.155
18526	25979	68111	50	136.8	143.2	1.4	0.04	0.000*	---	2.68	0.257
18527	25980	68111	50	510.6	419.8	1.4	0.04	0.000*	---	7.07	23.068
18528	25981	68111	50	312.9	273.6	1.4	0.04	0.000*	---	4.85	6.196
18529	25982	68111	50	364	311.3	1.4	0.04	0.000*	---	5.45	9.803
18530	25983	68111	50	339.9	293.5	1.4	0.04	0.000*	---	5.17	8.01
18531	25984	68111	50	361	309.1	1.4	0.04	0.000*	---	5.41	9.572
18532	25985	68111	50	582	472.7	1.4	0.04	0.000*	---	7.83	30.118
18533	25986	68111	50	197.7	188.3	1.4	0.04	0.000*	---	3.46	1.188
18534	25987	68111	50	453	377.2	1.4	0.04	0.000*	---	6.45	17.522
18535	25988	68111	50	125.7	135	1.4	0.04	0.000*	---	2.54	0.177
18536	25990	68111	50	180.9	175.8	1.4	0.04	0.000*	---	3.24	0.831
18537	25991	68111	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
18538	25992	68111	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.048
18539	25993	68111	50	248	225.6	1.4	0.04	0.000*	---	4.08	2.81
18540	25995	68111	50	236.2	216.8	1.4	0.04	0.000*	---	3.93	2.35
18541	25996	68111	50	466.4	387.1	1.4	0.04	0.000*	---	6.59	18.788
18542	26000	68111	50	433.8	363	1.4	0.04	0.000*	---	6.24	15.743
18543	26002	68111	50	412.6	347.4	1.4	0.04	0.000*	---	6	13.847

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18544	26004	68111	50	424.3	355.9	1.4	0.04	0.000*	---	6.13	14.879
18545	26005	68111	50	526.7	431.8	1.4	0.04	0.000*	---	7.25	24.658
18546	26006	68111	50	294	259.6	1.4	0.04	0.000*	---	4.63	5.061
18547	26007	68111	50	412.6	347.3	1.4	0.04	0.000*	---	6	13.845
18548	26008	68111	50	133.1	140.5	1.4	0.04	0.000*	---	2.64	0.228
18549	26009	68111	50	207.2	195.3	1.4	0.04	0.000*	---	3.57	1.429
18550	26011	68111	50	235.9	216.5	1.4	0.04	0.000*	---	3.93	2.338
18551	26012	68111	50	420.1	352.9	1.4	0.04	0.000*	---	6.08	14.507
18552	26014	68111	50	286.9	254.3	1.4	0.04	0.000*	---	4.54	4.667
18553	26018	68111	50	266.8	239.4	1.4	0.04	0.000*	---	4.3	3.637
18554	26020	68111	50	607.9	491.8	1.4	0.04	0.000*	---	8.1	32.658
18555	26021	68111	50	323.4	281.3	1.4	0.04	0.000*	---	4.98	6.872
18556	26025	68111	50	290.4	256.9	1.4	0.04	0.000*	---	4.59	4.858
18557	26027	68111	50	347.2	298.9	1.4	0.04	0.000*	---	5.25	8.534
18558	26029	68111	50	283.4	251.8	1.4	0.04	0.000*	---	4.5	4.479
18559	26030	68111	50	605.2	489.8	1.4	0.04	0.000*	---	8.07	32.392
18560	26032	68111	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
18561	26033	68111	50	184.3	178.4	1.4	0.04	0.000*	---	3.29	0.898
18562	26034	68111	50	139.7	145.4	1.4	0.04	0.000*	---	2.72	0.281
18563	26035	68111	50	469.1	389.1	1.4	0.04	0.000*	---	6.62	19.043
18564	26036	68111	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.8
18565	26038	68111	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
18566	26039	68111	50	590.9	479.3	1.4	0.04	0.000*	---	7.92	30.993
18567	26040	68111	50	96.8	113.7	1.4	0.04	0.000*	---	2.16	0.056
18568	26041	68111	50	147.4	151.1	1.4	0.04	0.000*	---	2.82	0.353
18569	26042	68111	50	445.6	371.7	1.4	0.04	0.000*	---	6.37	16.829
18570	26043	68111	50	320	278.8	1.4	0.04	0.000*	---	4.94	6.654
18571	26044	68111	50	290.8	257.2	1.4	0.04	0.000*	---	4.59	4.88
18572	26045	68111	50	330.1	286.3	1.4	0.04	0.000*	---	5.05	7.324
18573	26049	68111	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.18
18574	26051	68111	50	536.5	439	1.4	0.04	0.000*	---	7.35	25.623
18575	26052	68111	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.301
18576	26053	68111	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
18577	26054	68111	50	155.2	156.9	1.4	0.04	0.000*	---	2.92	0.441
18578	26055	68111	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.503
18579	26056	68111	50	210.6	197.8	1.4	0.04	0.000*	---	3.62	1.522
18580	26057	68111	50	628.8	507.3	1.4	0.04	0.000*	---	8.31	34.682
18581	26061	68111	50	247.8	225.4	1.4	0.04	0.000*	---	4.07	2.801
18582	26062	68111	50	872.9	687.9	1.4	0.04	0.000*	---	10.68	55.532
18583	26063	68111	50	502.1	413.6	1.4	0.04	0.000*	---	6.98	22.242
18584	26065	68111	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.192
18585	26066	68111	50	542	443.1	1.4	0.04	0.000*	---	7.41	26.173
18586	26067	68111	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.586
18587	26068	68111	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.012
18588	26069	68111	50	307.1	269.3	1.4	0.04	0.000*	---	4.78	5.837
18589	26070	68111	50	241.8	221	1.4	0.04	0.000*	---	4	2.563
18590	26072	68111	50	231.1	213	1.4	0.04	0.000*	---	3.87	2.166
18591	26076	68111	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.351
18592	26077	68111	50	532.9	436.4	1.4	0.04	0.000*	---	7.31	25.273
18593	26078	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.416
18594	26079	68111	50	212.8	199.4	1.4	0.04	0.000*	---	3.64	1.583
18595	26080	68111	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
18596	26082	68111	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
18597	26083	68111	50	277.2	247.1	1.4	0.04	0.000*	---	4.43	4.152
18598	26084	68111	50	431.6	361.4	1.4	0.04	0.000*	---	6.21	15.544
18599	26086	68111	50	39.2	71	1.4	0.04	0.000*	---	1.39	0.001
18600	26087	68111	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
18601	26088	68111	50	488.9	403.8	1.4	0.04	0.000*	---	6.84	20.952
18602	26089	68111	50	574	466.8	1.4	0.04	0.000*	---	7.75	29.333
18603	26090	68111	50	365.9	312.8	1.4	0.04	0.000*	---	5.47	9.956
18604	26092	68111	50	387.5	328.7	1.4	0.04	0.000*	---	5.71	11.691

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18605	26093	68111	50	326	283.3	1.4	0.04	0.000*	---	5.01	7.05
18606	26100	68111	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.623
18607	26101	68111	50	183.7	178	1.4	0.04	0.000*	---	3.28	0.887
18608	26102	68111	50	601.7	487.3	1.4	0.04	0.000*	---	8.03	32.053
18609	26103	68111	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
18610	26105	68111	50	498.8	411.1	1.4	0.04	0.000*	---	6.95	21.919
18611	26106	68111	50	3701.2	2780.9	1.4	0.04	0.000*	---	28.52	98.711
18612	26107	68111	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.331
18613	26108	68111	50	108.2	122.1	1.4	0.04	0.000*	---	2.31	0.092
18614	26110	68111	50	175.9	172.2	1.4	0.04	0.000*	---	3.18	0.743
18615	26112	68111	50	378.9	322.4	1.4	0.04	0.000*	---	5.62	10.984
18616	26113	68111	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.517
18617	26114	68111	50	348.5	299.9	1.4	0.04	0.000*	---	5.27	8.631
18618	26115	68111	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
18619	26116	68111	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.518
18620	26117	68111	50	536.5	439	1.4	0.04	0.000*	---	7.35	25.624
18621	26118	68111	50	75.8	98.1	1.4	0.04	0.000*	---	1.88	0.019
18622	26119	68111	50	229.3	211.6	1.4	0.04	0.000*	---	3.85	2.103
18623	26120	68111	50	477.8	395.5	1.4	0.04	0.000*	---	6.72	19.877
18624	26123	68111	50	218.2	203.5	1.4	0.04	0.000*	---	3.71	1.745
18625	26124	68111	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
18626	26126	68111	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
18627	26129	68111	50	219.9	204.7	1.4	0.04	0.000*	---	3.73	1.796
18628	26131	68111	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
18629	26132	68111	50	325.8	283.1	1.4	0.04	0.000*	---	5	7.035
18630	26135	68111	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.323
18631	26137	68111	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.143
18632	26139	68111	50	211.3	198.4	1.4	0.04	0.000*	---	3.63	1.543
18633	26140	68111	50	324.4	282	1.4	0.04	0.000*	---	4.99	6.94
18634	26141	68111	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.753
18635	26142	68111	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
18636	26143	68111	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.121
18637	26144	68111	50	331.3	287.2	1.4	0.04	0.000*	---	5.07	7.41
18638	26145	68111	50	56.7	84	1.4	0.04	0.000*	---	1.63	0.006
18639	26146	68111	50	153.1	155.3	1.4	0.04	0.000*	---	2.89	0.415
18640	26147	68111	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.871
18641	26149	68111	50	155.1	156.8	1.4	0.04	0.000*	---	2.92	0.439
18642	26150	68111	50	97.6	114.2	1.4	0.04	0.000*	---	2.17	0.058
18643	26153	68111	50	289.3	256.1	1.4	0.04	0.000*	---	4.57	4.796
18644	26154	68111	50	613.6	496	1.4	0.04	0.000*	---	8.15	33.211
18645	26157	68111	50	270.3	242	1.4	0.04	0.000*	---	4.35	3.808
18646	26158	68111	50	342.9	295.7	1.4	0.04	0.000*	---	5.2	8.222
18647	26159	68111	50	426.9	357.9	1.4	0.04	0.000*	---	6.16	15.114
18648	26160	68111	50	473.8	392.6	1.4	0.04	0.000*	---	6.68	19.497
18649	26161	68111	50	425	356.5	1.4	0.04	0.000*	---	6.14	14.945
18650	26162	68111	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
18651	26164	68111	50	483.5	399.8	1.4	0.04	0.000*	---	6.78	20.433
18652	26165	68111	50	196.1	187.1	1.4	0.04	0.000*	---	3.44	1.152
18653	26166	68111	50	183.3	177.7	1.4	0.04	0.000*	---	3.28	0.879
18654	26168	68111	50	169.4	167.3	1.4	0.04	0.000*	---	3.1	0.635
18655	26170	68111	50	159.4	160	1.4	0.04	0.000*	---	2.97	0.493
18656	26172	68111	50	268.2	240.5	1.4	0.04	0.000*	---	4.32	3.706
18657	26173	68111	50	410.7	346	1.4	0.04	0.000*	---	5.98	13.68
18658	26174	68111	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.104
18659	26176	68111	50	272.5	243.7	1.4	0.04	0.000*	---	4.37	3.917
18660	26177	68111	50	330.5	286.6	1.4	0.04	0.000*	---	5.06	7.356
18661	26178	68111	50	225.6	209	1.4	0.04	0.000*	---	3.8	1.982
18662	26179	68111	50	315.3	275.3	1.4	0.04	0.000*	---	4.88	6.347
18663	26183	68111	50	292.8	258.6	1.4	0.04	0.000*	---	4.61	4.99
18664	26184	68111	50	204	192.9	1.4	0.04	0.000*	---	3.53	1.344
18665	26185	68111	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.039

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18666	26187	68111	50	382.5	325.1	1.4	0.04	0.000*	---	5.66	11.283
18667	26188	68111	50	141.4	146.6	1.4	0.04	0.000*	---	2.74	0.296
18668	26189	68111	50	205.8	194.3	1.4	0.04	0.000*	---	3.56	1.392
18669	26190	68111	50	175.5	171.9	1.4	0.04	0.000*	---	3.18	0.735
18670	26191	68111	50	184.4	178.5	1.4	0.04	0.000*	---	3.29	0.9
18671	26193	68111	50	194.7	186.1	1.4	0.04	0.000*	---	3.42	1.119
18672	26194	68111	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.246
18673	26195	68111	50	229.4	211.7	1.4	0.04	0.000*	---	3.85	2.108
18674	26196	68111	50	595.1	482.4	1.4	0.04	0.000*	---	7.96	31.407
18675	26199	68111	50	367.3	313.8	1.4	0.04	0.000*	---	5.48	10.062
18676	26200	68111	50	329.4	285.7	1.4	0.04	0.000*	---	5.05	7.274
18677	26202	68111	50	219.8	204.6	1.4	0.04	0.000*	---	3.73	1.794
18678	26203	68111	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.082
18679	26204	68111	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
18680	26205	68111	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.679
18681	26206	68111	50	390.6	331	1.4	0.04	0.000*	---	5.75	11.951
18682	26209	68111	50	104.9	119.6	1.4	0.04	0.000*	---	2.27	0.08
18683	26210	68111	50	247.4	225.1	1.4	0.04	0.000*	---	4.07	2.782
18684	26211	68111	50	195.5	186.7	1.4	0.04	0.000*	---	3.43	1.137
18685	26212	68111	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
18686	26213	68111	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.677
18687	26214	68111	50	553.9	451.9	1.4	0.04	0.000*	---	7.53	27.346
18688	26215	68111	50	383.1	325.5	1.4	0.04	0.000*	---	5.67	11.332
18689	26216	68111	50	384.3	326.4	1.4	0.04	0.000*	---	5.68	11.431
18690	26217	68111	50	66.1	90.9	1.4	0.04	0.000*	---	1.75	0.011
18691	26222	68111	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.762
18692	26224	68111	50	281.8	250.5	1.4	0.04	0.000*	---	4.48	4.391
18693	26225	68111	50	399.7	337.8	1.4	0.04	0.000*	---	5.85	12.72
18694	26226	68111	50	798.9	633.2	1.4	0.04	0.000*	---	9.98	49.86
18695	26227	68111	50	240.5	220	1.4	0.04	0.000*	---	3.98	2.511
18696	26228	68111	50	267.5	239.9	1.4	0.04	0.000*	---	4.31	3.673
18697	26229	68111	50	299.9	263.9	1.4	0.04	0.000*	---	4.7	5.4
18698	26230	68111	50	333.3	288.7	1.4	0.04	0.000*	---	5.09	7.548
18699	26231	68111	50	159	159.6	1.4	0.04	0.000*	---	2.97	0.487
18700	26232	68111	50	223.7	207.5	1.4	0.04	0.000*	---	3.78	1.917
18701	26233	68111	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
18702	26235	68111	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
18703	26236	68111	50	53.3	81.4	1.4	0.04	0.000*	---	1.58	0.004
18704	26240	68111	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.783
18705	26241	68111	50	262.7	236.4	1.4	0.04	0.000*	---	4.25	3.447
18706	26242	68111	50	477.9	395.6	1.4	0.04	0.000*	---	6.72	19.89
18707	26246	68111	50	141.4	146.7	1.4	0.04	0.000*	---	2.74	0.296
18708	26248	68111	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.94
18709	26249	68111	50	195.3	186.5	1.4	0.04	0.000*	---	3.43	1.131
18710	26251	68111	50	249.8	226.9	1.4	0.04	0.000*	---	4.1	2.883
18711	26256	68111	50	242	221.1	1.4	0.04	0.000*	---	4	2.57
18712	26257	68111	50	743.8	592.4	1.4	0.04	0.000*	---	9.45	45.246
18713	26261	68111	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.166
18714	26263	68111	50	566.7	461.4	1.4	0.04	0.000*	---	7.67	28.611
18715	26264	68111	50	307.6	269.6	1.4	0.04	0.000*	---	4.79	5.866
18716	26265	68111	50	204.6	193.4	1.4	0.04	0.000*	---	3.54	1.36
18717	26266	68111	50	318.6	277.8	1.4	0.04	0.000*	---	4.92	6.558
18718	26268	68111	50	73.3	96.3	1.4	0.04	0.000*	---	1.85	0.017
18719	26269	68111	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.397
18720	26270	68111	50	84.8	104.8	1.4	0.04	0.000*	---	2	0.031
18721	26271	68111	50	350.2	301.2	1.4	0.04	0.000*	---	5.29	8.759
18722	26273	68111	50	298.4	262.8	1.4	0.04	0.000*	---	4.68	5.312
18723	26274	68111	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
18724	26275	68111	50	97.1	113.8	1.4	0.04	0.000*	---	2.17	0.057
18725	26276	68111	50	508.3	418.1	1.4	0.04	0.000*	---	7.05	22.842
18726	26277	68111	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18727	26279	68111	50	425.5	356.9	1.4	0.04	0.000*	---	6.14	14.992
18728	26281	68111	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
18729	26282	68111	50	204.6	193.4	1.4	0.04	0.000*	---	3.54	1.36
18730	26283	68111	50	145.3	149.6	1.4	0.04	0.000*	---	2.79	0.333
18731	26284	68111	50	286	253.7	1.4	0.04	0.000*	---	4.53	4.617
18732	26285	68111	50	305.8	268.3	1.4	0.04	0.000*	---	4.77	5.752
18733	26286	68111	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
18734	26288	68111	50	180.6	175.6	1.4	0.04	0.000*	---	3.24	0.826
18735	26289	68111	50	725.9	579.1	1.4	0.04	0.000*	---	9.28	43.676
18736	26290	68111	50	140.1	145.6	1.4	0.04	0.000*	---	2.73	0.284
18737	26291	68111	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.091
18738	26292	68111	50	224.6	208.2	1.4	0.04	0.000*	---	3.79	1.946
18739	26293	68111	50	315	275.1	1.4	0.04	0.000*	---	4.88	6.327
18740	26294	68111	50	300.6	264.4	1.4	0.04	0.000*	---	4.71	5.442
18741	26295	68111	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
18742	26296	68111	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
18743	26300	68111	50	471.7	391.1	1.4	0.04	0.000*	---	6.65	19.295
18744	26301	68111	50	701.9	561.4	1.4	0.04	0.000*	---	9.04	41.529
18745	26303	68111	50	163.1	162.7	1.4	0.04	0.000*	---	3.02	0.543
18746	26304	68111	50	249.6	226.7	1.4	0.04	0.000*	---	4.09	2.873
18747	26305	68111	50	367.9	314.3	1.4	0.04	0.000*	---	5.49	10.111
18748	26306	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
18749	26307	68111	50	139.8	145.4	1.4	0.04	0.000*	---	2.72	0.282
18750	26308	68111	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.032
18751	26310	68111	50	75.2	97.7	1.4	0.04	0.000*	---	1.88	0.019
18752	26311	68111	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.102
18753	26312	68111	50	559.6	456.1	1.4	0.04	0.000*	---	7.59	27.91
18754	26313	68111	50	374.4	319.1	1.4	0.04	0.000*	---	5.57	10.625
18755	26314	68111	50	262	235.9	1.4	0.04	0.000*	---	4.25	3.417
18756	26315	68111	50	318	277.3	1.4	0.04	0.000*	---	4.91	6.521
18757	26316	68111	50	183.7	178	1.4	0.04	0.000*	---	3.28	0.886
18758	26318	68111	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.813
18759	26319	68111	50	291	257.3	1.4	0.04	0.000*	---	4.59	4.89
18760	26320	68111	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.338
18761	26322	68111	50	969	759	1.4	0.04	0.000*	---	11.55	62.014
18762	26323	68111	50	237.3	217.6	1.4	0.04	0.000*	---	3.95	2.392
18763	26324	68111	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266
18764	26326	68111	50	318.2	277.5	1.4	0.04	0.000*	---	4.91	6.535
18765	26327	68111	50	92.4	110.4	1.4	0.04	0.000*	---	2.11	0.046
18766	26328	68111	50	504	414.9	1.4	0.04	0.000*	---	7	22.422
18767	26329	68111	50	455.1	378.8	1.4	0.04	0.000*	---	6.47	17.719
18768	26330	68111	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.563
18769	26331	68111	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
18770	26332	68111	50	241.9	221	1.4	0.04	0.000*	---	4	2.566
18771	26333	68111	50	442.2	369.3	1.4	0.04	0.000*	---	6.33	16.519
18772	26334	68111	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.047
18773	26335	68111	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.559
18774	26337	68111	50	508.8	418.5	1.4	0.04	0.000*	---	7.06	22.899
18775	26340	68111	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
18776	26343	68111	50	254.9	230.6	1.4	0.04	0.000*	---	4.16	3.098
18777	26344	68111	50	292.9	258.7	1.4	0.04	0.000*	---	4.62	4.996
18778	26345	68111	50	339.8	293.5	1.4	0.04	0.000*	---	5.17	8.002
18779	26347	68111	50	97.5	114.2	1.4	0.04	0.000*	---	2.17	0.058
18780	26348	68111	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
18781	26349	68111	50	158.7	159.4	1.4	0.04	0.000*	---	2.96	0.484
18782	26351	68111	50	40.1	71.7	1.4	0.04	0.000*	---	1.4	0.001
18783	26352	68111	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
18784	26353	68111	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
18785	26354	68111	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.047
18786	26356	68111	50	154.3	156.2	1.4	0.04	0.000*	---	2.91	0.43
18787	26357	68111	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18788	26359	68111	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.876
18789	26360	68111	50	1054.3	822.2	1.4	0.04	0.000*	---	12.29	66.974
18790	26361	68111	50	137.1	143.5	1.4	0.04	0.000*	---	2.69	0.259
18791	26362	68111	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.318
18792	26363	68111	50	407.9	343.9	1.4	0.04	0.000*	---	5.95	13.434
18793	26364	68111	50	410.4	345.7	1.4	0.04	0.000*	---	5.97	13.648
18794	26366	68111	50	354.8	304.5	1.4	0.04	0.000*	---	5.34	9.101
18795	26368	68111	50	248.2	225.7	1.4	0.04	0.000*	---	4.08	2.817
18796	26370	68111	50	172.1	169.3	1.4	0.04	0.000*	---	3.13	0.678
18797	26371	68111	50	325.2	282.7	1.4	0.04	0.000*	---	5	6.997
18798	26372	68111	50	1306	1008.4	1.4	0.04	0.000*	---	14.37	77.977
18799	26373	68111	50	137.1	143.4	1.4	0.04	0.000*	---	2.69	0.259
18800	26375	68111	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
18801	26376	68111	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.872
18802	26377	68111	50	459.1	381.7	1.4	0.04	0.000*	---	6.51	18.095
18803	26379	68111	50	285.3	253.1	1.4	0.04	0.000*	---	4.53	4.579
18804	26381	68111	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
18805	26385	68111	50	380.6	323.6	1.4	0.04	0.000*	---	5.64	11.126
18806	26390	68111	50	229.9	212.2	1.4	0.04	0.000*	---	3.85	2.127
18807	26392	68111	50	522.7	428.8	1.4	0.04	0.000*	---	7.2	24.264
18808	26394	68111	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
18809	26395	68111	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.848
18810	26396	68111	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.96
18811	26397	68111	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.382
18812	26399	68111	50	297.1	261.9	1.4	0.04	0.000*	---	4.67	5.239
18813	26401	68111	50	132.3	139.9	1.4	0.04	0.000*	---	2.62	0.222
18814	26403	68111	50	650.8	523.6	1.4	0.04	0.000*	---	8.53	36.791
18815	26404	68111	50	87.4	106.7	1.4	0.04	0.000*	---	2.04	0.036
18816	26405	68111	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
18817	26406	68111	50	278	247.8	1.4	0.04	0.000*	---	4.44	4.196
18818	26407	68111	50	421.3	353.8	1.4	0.04	0.000*	---	6.1	14.618
18819	26408	68111	50	247.8	225.3	1.4	0.04	0.000*	---	4.07	2.798
18820	26409	68111	50	89.4	108.2	1.4	0.04	0.000*	---	2.07	0.04
18821	26412	68111	50	69.9	93.7	1.4	0.04	0.000*	---	1.81	0.014
18822	26414	68111	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.852
18823	26417	68111	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
18824	26418	68111	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.135
18825	26419	68111	50	262.1	236	1.4	0.04	0.000*	---	4.25	3.421
18826	26420	68111	50	262.2	236	1.4	0.04	0.000*	---	4.25	3.423
18827	26421	68111	50	169	167.1	1.4	0.04	0.000*	---	3.1	0.629
18828	26422	68111	50	333.1	288.5	1.4	0.04	0.000*	---	5.09	7.535
18829	26424	68111	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.626
18830	26427	68111	50	156.7	158	1.4	0.04	0.000*	---	2.94	0.459
18831	26428	68111	50	350.9	301.7	1.4	0.04	0.000*	---	5.3	8.812
18832	26429	68111	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
18833	26430	68111	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.699
18834	26431	68111	50	161.5	161.5	1.4	0.04	0.000*	---	3	0.521
18835	26432	68111	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
18836	26433	68111	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.005
18837	26434	68111	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.126
18838	26436	68111	50	126	135.2	1.4	0.04	0.000*	---	2.54	0.179
18839	26438	68111	50	132.5	140.1	1.4	0.04	0.000*	---	2.63	0.223
18840	26442	68111	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.395
18841	26445	68111	50	472.3	391.5	1.4	0.04	0.000*	---	6.66	19.353
18842	26446	68111	50	649	522.3	1.4	0.04	0.000*	---	8.52	36.62
18843	26449	68111	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.267
18844	26450	68111	50	295.4	260.6	1.4	0.04	0.000*	---	4.64	5.138
18845	26451	68111	50	250.2	227.1	1.4	0.04	0.000*	---	4.1	2.897
18846	26453	68111	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.947
18847	26455	68111	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
18848	26456	68111	50	263.3	236.8	1.4	0.04	0.000*	---	4.26	3.475

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18849	26457	68111	50	262.8	236.5	1.4	0.04	0.000*	---	4.26	3.454
18850	26458	68111	50	252.6	228.9	1.4	0.04	0.000*	---	4.13	3.001
18851	26459	68111	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.58
18852	26463	68111	50	179.4	174.7	1.4	0.04	0.000*	---	3.23	0.804
18853	26464	68111	50	251	227.7	1.4	0.04	0.000*	---	4.11	2.931
18854	26466	68111	50	323.8	281.6	1.4	0.04	0.000*	---	4.98	6.902
18855	26467	68111	50	102.9	118.1	1.4	0.04	0.000*	---	2.24	0.073
18856	26470	68111	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.015
18857	26471	68111	50	405.7	342.2	1.4	0.04	0.000*	---	5.92	13.242
18858	26472	68111	50	99.5	115.6	1.4	0.04	0.000*	---	2.2	0.063
18859	26473	68111	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
18860	26474	68111	50	240.3	219.9	1.4	0.04	0.000*	---	3.98	2.505
18861	26475	68111	50	550.8	449.6	1.4	0.04	0.000*	---	7.5	27.04
18862	26476	68111	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.363
18863	26477	68111	50	195.3	186.5	1.4	0.04	0.000*	---	3.43	1.132
18864	26478	68111	50	36.5	69	1.4	0.04	0.000*	---	1.35	0.001
18865	26479	68111	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.977
18866	26480	68111	50	316	275.9	1.4	0.04	0.000*	---	4.89	6.394
18867	26481	68111	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
18868	26482	68111	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.368
18869	26483	68111	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
18870	26484	68111	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
18871	26485	68111	50	408.3	344.1	1.4	0.04	0.000*	---	5.95	13.467
18872	26486	68111	50	59	85.6	1.4	0.04	0.000*	---	1.66	0.007
18873	26487	68111	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
18874	26488	68111	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
18875	26489	68111	50	368.9	315	1.4	0.04	0.000*	---	5.5	10.184
18876	26490	68111	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
18877	26493	68111	50	122.6	132.7	1.4	0.04	0.000*	---	2.5	0.159
18878	26495	68111	50	127.5	136.4	1.4	0.04	0.000*	---	2.56	0.189
18879	26496	68111	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.519
18880	26498	68111	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.716
18881	26499	68111	50	239.4	219.1	1.4	0.04	0.000*	---	3.97	2.468
18882	26500	68111	50	365.7	312.6	1.4	0.04	0.000*	---	5.47	9.936
18883	26501	68111	50	104.7	119.5	1.4	0.04	0.000*	---	2.27	0.079
18884	26504	68111	50	566	460.8	1.4	0.04	0.000*	---	7.66	28.538
18885	26505	68111	50	420.3	353	1.4	0.04	0.000*	---	6.09	14.529
18886	26507	68111	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
18887	26510	68111	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
18888	26512	68111	50	257.4	232.5	1.4	0.04	0.000*	---	4.19	3.207
18889	26514	68111	50	348.1	299.6	1.4	0.04	0.000*	---	5.26	8.601
18890	26515	68111	50	339.7	293.4	1.4	0.04	0.000*	---	5.17	7.992
18891	26516	68111	50	534.5	437.5	1.4	0.04	0.000*	---	7.33	25.427
18892	26517	68111	50	449.7	374.8	1.4	0.04	0.000*	---	6.41	17.213
18893	26518	68111	50	319.5	278.4	1.4	0.04	0.000*	---	4.93	6.616
18894	26519	68111	50	469.7	389.5	1.4	0.04	0.000*	---	6.63	19.1
18895	26520	68111	50	329.2	285.6	1.4	0.04	0.000*	---	5.04	7.266
18896	26521	68111	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
18897	26522	68111	50	443.4	370.1	1.4	0.04	0.000*	---	6.34	16.63
18898	26524	68111	50	415.4	349.4	1.4	0.04	0.000*	---	6.03	14.086
18899	26526	68111	50	159.8	160.3	1.4	0.04	0.000*	---	2.98	0.498
18900	26536	68111	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
18901	26537	68111	50	281	250	1.4	0.04	0.000*	---	4.47	4.351
18902	26541	68111	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.775
18903	26543	68111	50	255.2	230.8	1.4	0.04	0.000*	---	4.16	3.11
18904	26545	68111	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.085
18905	26547	68111	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.561
18906	26549	68111	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.623
18907	26552	68111	50	310.7	271.9	1.4	0.04	0.000*	---	4.83	6.056
18908	26554	68111	50	438.4	366.4	1.4	0.04	0.000*	---	6.29	16.169
18909	26562	68111	50	462	383.9	1.4	0.04	0.000*	---	6.55	18.376

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18910	26564	68111	50	534.4	437.4	1.4	0.04	0.000*	---	7.33	25.415
18911	26566	68111	50	312.6	273.4	1.4	0.04	0.000*	---	4.85	6.178
18912	26570	68111	50	605.9	490.4	1.4	0.04	0.000*	---	8.08	32.467
18913	26571	68111	50	312.6	273.3	1.4	0.04	0.000*	---	4.85	6.176
18914	26573	68111	50	349.9	300.9	1.4	0.04	0.000*	---	5.28	8.732
18915	26574	68111	50	80.4	101.5	1.4	0.04	0.000*	---	1.95	0.025
18916	26576	68111	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.547
18917	26579	68111	50	209.7	197.2	1.4	0.04	0.000*	---	3.6	1.497
18918	26581	68111	50	379.2	322.6	1.4	0.04	0.000*	---	5.62	11.011
18919	26582	68111	50	262.8	236.4	1.4	0.04	0.000*	---	4.25	3.45
18920	26583	68111	50	27.1	62.1	1.4	0.04	0.000*	---	1.23	0
18921	26588	68111	50	401.6	339.2	1.4	0.04	0.000*	---	5.88	12.89
18922	26589	68111	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.722
18923	26590	68111	50	519.8	426.7	1.4	0.04	0.000*	---	7.17	23.979
18924	26591	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
18925	26593	68111	50	340.4	293.9	1.4	0.04	0.000*	---	5.17	8.044
18926	26594	68111	50	509.4	419	1.4	0.04	0.000*	---	7.06	22.955
18927	26595	68111	50	484.8	400.7	1.4	0.04	0.000*	---	6.8	20.552
18928	26596	68111	50	1587.2	1216.5	1.4	0.04	0.000*	---	16.5	85.658
18929	26597	68111	50	266	238.9	1.4	0.04	0.000*	---	4.29	3.602
18930	26599	68111	50	635.8	512.5	1.4	0.04	0.000*	---	8.38	35.354
18931	26601	68111	50	424.5	356.1	1.4	0.04	0.000*	---	6.13	14.897
18932	26602	68111	50	303.9	266.9	1.4	0.04	0.000*	---	4.75	5.639
18933	26604	68111	50	69.7	93.6	1.4	0.04	0.000*	---	1.8	0.013
18934	26605	68111	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
18935	26607	68111	50	210.5	197.8	1.4	0.04	0.000*	---	3.62	1.52
18936	26610	68111	50	234.8	215.8	1.4	0.04	0.000*	---	3.91	2.299
18937	26611	68111	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
18938	26612	68111	50	190.6	183.1	1.4	0.04	0.000*	---	3.37	1.028
18939	26615	68111	50	142.4	147.3	1.4	0.04	0.000*	---	2.76	0.305
18940	26616	68111	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.925
18941	26620	68111	50	380.1	323.3	1.4	0.04	0.000*	---	5.63	11.089
18942	26624	68111	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.02
18943	26625	68111	50	150.7	153.6	1.4	0.04	0.000*	---	2.86	0.389
18944	26626	68111	50	318.5	277.7	1.4	0.04	0.000*	---	4.92	6.552
18945	26629	68111	50	337.3	291.6	1.4	0.04	0.000*	---	5.14	7.824
18946	26630	68111	50	295.6	260.7	1.4	0.04	0.000*	---	4.65	5.15
18947	26632	68111	50	337.2	291.5	1.4	0.04	0.000*	---	5.14	7.82
18948	26633	68111	50	382.6	325.1	1.4	0.04	0.000*	---	5.66	11.287
18949	26634	68111	50	229.3	211.7	1.4	0.04	0.000*	---	3.85	2.105
18950	26635	68111	50	447.8	373.4	1.4	0.04	0.000*	---	6.39	17.035
18951	26636	68111	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.876
18952	26637	68111	50	185.4	179.2	1.4	0.04	0.000*	---	3.3	0.919
18953	26638	68111	50	81.4	102.2	1.4	0.04	0.000*	---	1.96	0.026
18954	26641	68111	50	247.7	225.3	1.4	0.04	0.000*	---	4.07	2.796
18955	26642	68111	50	300.9	264.7	1.4	0.04	0.000*	---	4.71	5.462
18956	26643	68111	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
18957	26644	68111	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.041
18958	26645	68111	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.877
18959	26646	68111	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
18960	26649	68111	50	47.6	77.2	1.4	0.04	0.000*	---	1.51	0.003
18961	26650	68111	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.504
18962	26652	68111	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
18963	26653	68111	50	216.8	202.4	1.4	0.04	0.000*	---	3.69	1.703
18964	26654	68111	50	60.8	87	1.4	0.04	0.000*	---	1.68	0.008
18965	26655	68111	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.179
18966	26657	68111	50	419.4	352.4	1.4	0.04	0.000*	---	6.08	14.448
18967	26658	68111	50	809.2	640.8	1.4	0.04	0.000*	---	10.08	50.684
18968	26659	68111	50	69.9	93.7	1.4	0.04	0.000*	---	1.81	0.014
18969	26661	68111	50	445.5	371.7	1.4	0.04	0.000*	---	6.37	16.826
18970	26663	68111	50	380.3	323.4	1.4	0.04	0.000*	---	5.63	11.101

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
18971	26664	68111	50	95.1	112.4	1.4	0.04	0.000*	---	2.14	0.052
18972	26665	68111	50	309.4	271	1.4	0.04	0.000*	---	4.81	5.977
18973	26666	68111	50	53.2	81.3	1.4	0.04	0.000*	---	1.58	0.004
18974	26669	68111	50	506.6	416.9	1.4	0.04	0.000*	---	7.03	22.685
18975	26670	68111	50	694.9	556.2	1.4	0.04	0.000*	---	8.97	40.893
18976	26671	68111	50	516.8	424.4	1.4	0.04	0.000*	---	7.14	23.683
18977	26672	68111	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.452
18978	26673	68111	50	381.4	324.3	1.4	0.04	0.000*	---	5.65	11.194
18979	26674	68111	50	263.3	236.9	1.4	0.04	0.000*	---	4.26	3.477
18980	26675	68111	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.644
18981	26676	68111	50	210.9	198.1	1.4	0.04	0.000*	---	3.62	1.531
18982	26677	68111	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
18983	26678	68111	50	402	339.5	1.4	0.04	0.000*	---	5.88	12.919
18984	26679	68111	50	143.3	148	1.4	0.04	0.000*	---	2.77	0.313
18985	26680	68111	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.406
18986	26681	68111	50	419.6	352.5	1.4	0.04	0.000*	---	6.08	14.462
18987	26682	68111	50	240.6	220	1.4	0.04	0.000*	---	3.98	2.513
18988	26684	68111	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.343
18989	26686	68111	50	416	349.8	1.4	0.04	0.000*	---	6.04	14.142
18990	26687	68111	50	308.2	270.1	1.4	0.04	0.000*	---	4.8	5.901
18991	26689	68111	50	771.1	612.6	1.4	0.04	0.000*	---	9.72	47.567
18992	26690	68111	50	242.8	221.6	1.4	0.04	0.000*	---	4.01	2.599
18993	26693	68111	50	453.5	377.5	1.4	0.04	0.000*	---	6.45	17.565
18994	26695	68111	50	168.5	166.7	1.4	0.04	0.000*	---	3.09	0.621
18995	26696	68111	50	317.7	277.1	1.4	0.04	0.000*	---	4.91	6.5
18996	26698	68111	50	469	389	1.4	0.04	0.000*	---	6.62	19.033
18997	26700	68111	50	387.3	328.6	1.4	0.04	0.000*	---	5.71	11.676
18998	26702	68111	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.853
18999	26705	68111	50	329.1	285.5	1.4	0.04	0.000*	---	5.04	7.255
19000	26710	68111	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
19001	26711	68111	50	382.6	325.1	1.4	0.04	0.000*	---	5.66	11.288
19002	26712	68111	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
19003	26713	68111	50	403.4	340.5	1.4	0.04	0.000*	---	5.89	13.038
19004	26714	68111	50	42.5	73.5	1.4	0.04	0.000*	---	1.44	0.002
19005	26715	68111	50	27.6	62.4	1.4	0.04	0.000*	---	1.23	0
19006	26716	68111	50	223.7	207.6	1.4	0.04	0.000*	---	3.78	1.919
19007	26718	68111	50	31.5	65.3	1.4	0.04	0.000*	---	1.29	0.001
19008	26720	68111	50	335	289.9	1.4	0.04	0.000*	---	5.11	7.665
19009	26721	68111	50	331	286.9	1.4	0.04	0.000*	---	5.06	7.385
19010	26722	68111	50	233.9	215.1	1.4	0.04	0.000*	---	3.9	2.267
19011	26725	68111	50	264.8	238	1.4	0.04	0.000*	---	4.28	3.545
19012	26727	68111	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
19013	26728	68111	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.315
19014	26729	68111	50	240.2	219.8	1.4	0.04	0.000*	---	3.98	2.501
19015	26730	68111	50	687.3	550.6	1.4	0.04	0.000*	---	8.9	40.193
19016	26732	68111	50	374.4	319	1.4	0.04	0.000*	---	5.57	10.621
19017	26734	68111	50	263.9	237.3	1.4	0.04	0.000*	---	4.27	3.503
19018	26736	68111	50	391	331.3	1.4	0.04	0.000*	---	5.75	11.986
19019	26737	68111	50	248	225.5	1.4	0.04	0.000*	---	4.08	2.807
19020	26738	68111	50	390.7	331.1	1.4	0.04	0.000*	---	5.75	11.964
19021	26740	68111	50	85.8	105.5	1.4	0.04	0.000*	---	2.02	0.033
19022	26741	68111	50	370.1	315.9	1.4	0.04	0.000*	---	5.52	10.282
19023	26742	68111	50	261.1	235.2	1.4	0.04	0.000*	---	4.23	3.376
19024	26744	68111	50	407.7	343.7	1.4	0.04	0.000*	---	5.94	13.413
19025	26745	68111	50	776.1	616.3	1.4	0.04	0.000*	---	9.77	47.987
19026	26746	68111	50	473	392	1.4	0.04	0.000*	---	6.67	19.417
19027	26748	68111	50	185.3	179.1	1.4	0.04	0.000*	---	3.3	0.918
19028	26749	68111	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.268
19029	26750	68111	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.202
19030	26751	68111	50	315.5	275.5	1.4	0.04	0.000*	---	4.88	6.358
19031	26752	68111	50	60.3	86.7	1.4	0.04	0.000*	---	1.68	0.007

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19032	26753	68111	50	235.9	216.5	1.4	0.04	0.000*	---	3.93	2.338
19033	26754	68111	50	346.1	298.1	1.4	0.04	0.000*	---	5.24	8.46
19034	26756	68111	50	313.3	273.9	1.4	0.04	0.000*	---	4.86	6.222
19035	26757	68111	50	248	225.5	1.4	0.04	0.000*	---	4.08	2.808
19036	26758	68111	50	150.2	153.1	1.4	0.04	0.000*	---	2.86	0.383
19037	26759	68111	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.473
19038	26760	68111	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
19039	26761	68111	50	396	335	1.4	0.04	0.000*	---	5.81	12.408
19040	26763	68111	50	469.3	389.3	1.4	0.04	0.000*	---	6.63	19.064
19041	26764	68111	50	320.9	279.5	1.4	0.04	0.000*	---	4.95	6.71
19042	26765	68111	50	444.7	371.1	1.4	0.04	0.000*	---	6.36	16.751
19043	26766	68111	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.233
19044	26768	68111	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
19045	26769	68111	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.435
19046	26770	68111	50	280	249.2	1.4	0.04	0.000*	---	4.46	4.296
19047	26771	68111	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
19048	26772	68111	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.388
19049	26773	68111	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
19050	26775	68111	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.136
19051	26778	68111	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
19052	26779	68111	50	312.4	273.1	1.4	0.04	0.000*	---	4.85	6.161
19053	26780	68111	50	154.1	156	1.4	0.04	0.000*	---	2.91	0.427
19054	26781	68111	50	480.9	397.8	1.4	0.04	0.000*	---	6.75	20.174
19055	26782	68111	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.659
19056	26783	68111	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.96
19057	26785	68111	50	212.2	199	1.4	0.04	0.000*	---	3.64	1.568
19058	26786	68111	50	267.7	240.1	1.4	0.04	0.000*	---	4.31	3.683
19059	26787	68111	50	274.9	245.4	1.4	0.04	0.000*	---	4.4	4.036
19060	26788	68111	50	199.8	189.8	1.4	0.04	0.000*	---	3.48	1.239
19061	26789	68111	50	477.4	395.3	1.4	0.04	0.000*	---	6.72	19.845
19062	26790	68111	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.761
19063	26791	68111	50	46.7	76.6	1.4	0.04	0.000*	---	1.49	0.003
19064	26792	68111	50	814.3	644.6	1.4	0.04	0.000*	---	10.13	51.089
19065	26795	68111	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
19066	26796	68111	50	395.2	334.4	1.4	0.04	0.000*	---	5.8	12.338
19067	26797	68111	50	246.3	224.3	1.4	0.04	0.000*	---	4.05	2.739
19068	26799	68111	50	182.9	177.4	1.4	0.04	0.000*	---	3.27	0.87
19069	26800	68111	50	208.9	196.6	1.4	0.04	0.000*	---	3.6	1.476
19070	26802	68111	50	311	272.1	1.4	0.04	0.000*	---	4.83	6.072
19071	26803	68111	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
19072	26804	68111	50	630	508.2	1.4	0.04	0.000*	---	8.32	34.803
19073	26807	68111	50	429.7	360	1.4	0.04	0.000*	---	6.19	15.371
19074	26808	68111	50	261.2	235.3	1.4	0.04	0.000*	---	4.24	3.378
19075	26810	68111	50	487.8	403	1.4	0.04	0.000*	---	6.83	20.846
19076	26811	68111	50	477.7	395.5	1.4	0.04	0.000*	---	6.72	19.874
19077	26812	68111	50	419.2	352.2	1.4	0.04	0.000*	---	6.07	14.429
19078	26814	68111	50	474.4	393	1.4	0.04	0.000*	---	6.68	19.552
19079	26815	68111	50	352.5	302.9	1.4	0.04	0.000*	---	5.31	8.932
19080	26816	68111	50	297.2	262	1.4	0.04	0.000*	---	4.67	5.247
19081	26817	68111	50	250.2	227.2	1.4	0.04	0.000*	---	4.1	2.9
19082	26818	68111	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
19083	26819	68111	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.252
19084	26820	68111	50	159.8	160.3	1.4	0.04	0.000*	---	2.98	0.498
19085	26826	68111	50	477.9	395.7	1.4	0.04	0.000*	---	6.72	19.894
19086	26827	68111	50	261.7	235.7	1.4	0.04	0.000*	---	4.24	3.403
19087	26828	68111	50	217.6	203.1	1.4	0.04	0.000*	---	3.7	1.728
19088	26829	68111	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
19089	26830	68111	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.406
19090	26833	68111	50	233.6	214.8	1.4	0.04	0.000*	---	3.9	2.255
19091	26834	68111	50	401.3	338.9	1.4	0.04	0.000*	---	5.87	12.857
19092	26836	68111	50	187.7	180.9	1.4	0.04	0.000*	---	3.33	0.966

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19093	26840	68111	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.272
19094	26842	68111	50	300.2	264.2	1.4	0.04	0.000*	---	4.7	5.421
19095	26844	68111	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.448
19096	26845	68111	50	376.3	320.4	1.4	0.04	0.000*	---	5.59	10.774
19097	26847	68111	50	129.2	137.6	1.4	0.04	0.000*	---	2.58	0.2
19098	26848	68111	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
19099	26849	68111	50	78.1	99.8	1.4	0.04	0.000*	---	1.91	0.022
19100	26850	68111	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.294
19101	26853	68111	50	313.6	274.1	1.4	0.04	0.000*	---	4.86	6.24
19102	26854	68111	50	504.6	415.4	1.4	0.04	0.000*	---	7.01	22.482
19103	26855	68111	50	216.4	202.1	1.4	0.04	0.000*	---	3.69	1.691
19104	26856	68111	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.115
19105	26857	68111	50	762.2	606	1.4	0.04	0.000*	---	9.63	46.823
19106	26858	68111	50	362.5	310.3	1.4	0.04	0.000*	---	5.43	9.689
19107	26859	68111	50	465.1	386.2	1.4	0.04	0.000*	---	6.58	18.669
19108	26860	68111	50	616.7	498.4	1.4	0.04	0.000*	---	8.19	33.516
19109	26861	68111	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.908
19110	26864	68111	50	451	375.7	1.4	0.04	0.000*	---	6.43	17.33
19111	26865	68111	50	312.1	273	1.4	0.04	0.000*	---	4.84	6.145
19112	26867	68111	50	395.8	334.9	1.4	0.04	0.000*	---	5.81	12.388
19113	26868	68111	50	284.6	252.6	1.4	0.04	0.000*	---	4.52	4.54
19114	26869	68111	50	660.8	531	1.4	0.04	0.000*	---	8.63	37.729
19115	26870	68111	50	467.1	387.7	1.4	0.04	0.000*	---	6.6	18.859
19116	26872	68111	50	460.6	382.9	1.4	0.04	0.000*	---	6.53	18.24
19117	26875	68111	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
19118	26876	68111	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.541
19119	26877	68111	50	381.6	324.4	1.4	0.04	0.000*	---	5.65	11.207
19120	26881	68111	50	350.5	301.3	1.4	0.04	0.000*	---	5.29	8.777
19121	26882	68111	50	252.7	229	1.4	0.04	0.000*	---	4.13	3.006
19122	26883	68111	50	500.5	412.4	1.4	0.04	0.000*	---	6.97	22.082
19123	26885	68111	50	390	330.6	1.4	0.04	0.000*	---	5.74	11.9
19124	26886	68111	50	723.3	577.2	1.4	0.04	0.000*	---	9.25	43.449
19125	26889	68111	50	760.8	605	1.4	0.04	0.000*	---	9.62	46.701
19126	26891	68111	50	267.9	240.2	1.4	0.04	0.000*	---	4.32	3.69
19127	26892	68111	50	93.7	111.4	1.4	0.04	0.000*	---	2.12	0.049
19128	26893	68111	50	54.8	82.6	1.4	0.04	0.000*	---	1.6	0.005
19129	26894	68111	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
19130	26896	68111	50	261.7	235.7	1.4	0.04	0.000*	---	4.24	3.403
19131	26897	68111	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
19132	26898	68111	50	756	601.5	1.4	0.04	0.000*	---	9.57	46.298
19133	26899	68111	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
19134	26900	68111	50	463.3	384.8	1.4	0.04	0.000*	---	6.56	18.49
19135	26902	68111	50	456.7	380	1.4	0.04	0.000*	---	6.49	17.873
19136	26903	68111	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.372
19137	26904	68111	50	528.2	432.9	1.4	0.04	0.000*	---	7.26	24.808
19138	26905	68111	50	197.3	188	1.4	0.04	0.000*	---	3.45	1.179
19139	26907	68111	50	161.9	161.8	1.4	0.04	0.000*	---	3	0.525
19140	26910	68111	50	117.6	129	1.4	0.04	0.000*	---	2.43	0.132
19141	26911	68111	50	251.8	228.4	1.4	0.04	0.000*	---	4.12	2.968
19142	26912	68111	50	303.1	266.3	1.4	0.04	0.000*	---	4.74	5.593
19143	26913	68111	50	515.9	423.8	1.4	0.04	0.000*	---	7.13	23.592
19144	26915	68111	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.132
19145	26916	68111	50	294.3	259.8	1.4	0.04	0.000*	---	4.63	5.076
19146	26918	68111	50	221.8	206.1	1.4	0.04	0.000*	---	3.75	1.858
19147	26920	68111	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.448
19148	26923	68111	50	366.9	313.5	1.4	0.04	0.000*	---	5.48	10.03
19149	26925	68111	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.586
19150	26926	68111	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.067
19151	26927	68111	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.242
19152	26928	68111	50	256.5	231.9	1.4	0.04	0.000*	---	4.18	3.171
19153	26930	68111	50	184.1	178.3	1.4	0.04	0.000*	---	3.29	0.894

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19154	26931	68111	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.242
19155	26932	68111	50	106.5	120.8	1.4	0.04	0.000*	---	2.29	0.086
19156	26938	68111	50	148.3	151.8	1.4	0.04	0.000*	---	2.83	0.363
19157	26940	68111	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
19158	26941	68111	50	330.6	286.6	1.4	0.04	0.000*	---	5.06	7.36
19159	26942	68111	50	345.6	297.8	1.4	0.04	0.000*	---	5.23	8.422
19160	26943	68111	50	384.6	326.6	1.4	0.04	0.000*	---	5.68	11.451
19161	26944	68111	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.568
19162	26947	68111	50	453.4	377.5	1.4	0.04	0.000*	---	6.45	17.561
19163	26948	68111	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.851
19164	26949	68111	50	403.9	340.9	1.4	0.04	0.000*	---	5.9	13.085
19165	26950	68111	50	190.1	182.6	1.4	0.04	0.000*	---	3.36	1.016
19166	26952	68111	50	106.5	120.8	1.4	0.04	0.000*	---	2.29	0.086
19167	26953	68111	50	415.1	349.2	1.4	0.04	0.000*	---	6.03	14.063
19168	26954	68111	50	287.1	254.4	1.4	0.04	0.000*	---	4.55	4.675
19169	26955	68111	50	221	205.5	1.4	0.04	0.000*	---	3.74	1.831
19170	26956	68111	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
19171	26957	68111	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.758
19172	26959	68111	50	156.6	157.8	1.4	0.04	0.000*	---	2.94	0.457
19173	26960	68111	50	137.6	143.8	1.4	0.04	0.000*	---	2.69	0.263
19174	26961	68111	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.538
19175	26963	68111	50	115.2	127.3	1.4	0.04	0.000*	---	2.4	0.121
19176	26964	68111	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
19177	26965	68111	50	167.9	166.2	1.4	0.04	0.000*	---	3.08	0.612
19178	26966	68111	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.291
19179	26967	68111	50	313.8	274.2	1.4	0.04	0.000*	---	4.86	6.253
19180	26968	68111	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
19181	26970	68111	50	350.5	301.4	1.4	0.04	0.000*	---	5.29	8.782
19182	26971	68111	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
19183	26972	68111	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
19184	26973	68111	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.614
19185	26976	68111	50	404.9	341.6	1.4	0.04	0.000*	---	5.91	13.168
19186	26977	68111	50	188	181.1	1.4	0.04	0.000*	---	3.33	0.972
19187	26978	68111	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.984
19188	26980	68111	50	534	437.1	1.4	0.04	0.000*	---	7.32	25.373
19189	26981	68111	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.546
19190	26982	68111	50	216.6	202.3	1.4	0.04	0.000*	---	3.69	1.695
19191	26983	68111	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
19192	26985	68111	50	62.3	88.1	1.4	0.04	0.000*	---	1.7	0.008
19193	26987	68111	50	151.7	154.3	1.4	0.04	0.000*	---	2.87	0.4
19194	26988	68111	50	72.9	95.9	1.4	0.04	0.000*	---	1.85	0.016
19195	26991	68111	50	95.3	112.6	1.4	0.04	0.000*	---	2.14	0.052
19196	26992	68111	50	144.1	148.6	1.4	0.04	0.000*	---	2.78	0.321
19197	26993	68111	50	1293.6	999.3	1.4	0.04	0.000*	---	14.27	77.543
19198	26994	68111	50	397	335.8	1.4	0.04	0.000*	---	5.82	12.49
19199	26996	68111	50	503.3	414.4	1.4	0.04	0.000*	---	7	22.356
19200	26997	68111	50	455.7	379.2	1.4	0.04	0.000*	---	6.48	17.775
19201	26999	68111	50	456.7	380	1.4	0.04	0.000*	---	6.49	17.87
19202	27000	68111	50	263.2	236.8	1.4	0.04	0.000*	---	4.26	3.471
19203	27001	68111	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.507
19204	27002	68111	50	450	375	1.4	0.04	0.000*	---	6.41	17.24
19205	27003	68111	50	264.6	237.8	1.4	0.04	0.000*	---	4.28	3.535
19206	27004	68111	50	281.4	250.2	1.4	0.04	0.000*	---	4.48	4.369
19207	27005	68111	50	205.6	194.1	1.4	0.04	0.000*	---	3.55	1.387
19208	27009	68111	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.876
19209	27011	68111	50	289.2	256	1.4	0.04	0.000*	---	4.57	4.793
19210	27012	68111	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
19211	27013	68111	50	405.9	342.3	1.4	0.04	0.000*	---	5.92	13.255
19212	27015	68111	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.062
19213	27017	68111	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.879
19214	27018	68111	50	933	732.4	1.4	0.04	0.000*	---	11.22	59.704

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19215	27019	68111	50	248.8	226.1	1.4	0.04	0.000*	---	4.08	2.839
19216	27020	68111	50	70.4	94.1	1.4	0.04	0.000*	---	1.81	0.014
19217	27022	68111	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
19218	27024	68111	50	151.5	154.1	1.4	0.04	0.000*	---	2.87	0.397
19219	27025	68111	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
19220	27026	68111	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
19221	27028	68111	50	114	126.3	1.4	0.04	0.000*	---	2.39	0.115
19222	27029	68111	50	49.8	78.8	1.4	0.04	0.000*	---	1.54	0.003
19223	27031	68111	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
19224	27032	68111	50	559.8	456.2	1.4	0.04	0.000*	---	7.6	27.927
19225	27033	68111	50	59.1	85.8	1.4	0.04	0.000*	---	1.66	0.007
19226	27037	68111	50	116.3	128.1	1.4	0.04	0.000*	---	2.42	0.126
19227	27038	68111	50	362.2	310	1.4	0.04	0.000*	---	5.43	9.667
19228	27040	68111	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.604
19229	27043	68111	50	707.3	565.4	1.4	0.04	0.000*	---	9.1	42.017
19230	27046	68111	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.183
19231	27048	68111	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
19232	27050	68111	50	170.7	168.4	1.4	0.04	0.000*	---	3.12	0.656
19233	27052	68111	50	63.5	89	1.4	0.04	0.000*	---	1.72	0.009
19234	27054	68111	50	51.3	80	1.4	0.04	0.000*	---	1.56	0.004
19235	27058	68111	50	560.4	456.7	1.4	0.04	0.000*	---	7.6	27.987
19236	27060	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.95
19237	27062	68111	50	154.8	156.6	1.4	0.04	0.000*	---	2.91	0.436
19238	27066	68111	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
19239	27068	68111	50	85.6	105.4	1.4	0.04	0.000*	---	2.02	0.033
19240	27070	68111	50	420.4	353.1	1.4	0.04	0.000*	---	6.09	14.537
19241	27071	68111	50	237.9	218.1	1.4	0.04	0.000*	---	3.95	2.415
19242	27072	68111	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
19243	27073	68111	50	443.4	370.1	1.4	0.04	0.000*	---	6.34	16.628
19244	27074	68111	50	92.5	110.5	1.4	0.04	0.000*	---	2.11	0.046
19245	27075	68111	50	199.8	189.9	1.4	0.04	0.000*	---	3.48	1.239
19246	27077	68111	50	298.1	262.6	1.4	0.04	0.000*	---	4.68	5.296
19247	27079	68111	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
19248	27080	68111	50	192.8	184.6	1.4	0.04	0.000*	---	3.39	1.075
19249	27082	68111	50	544.5	444.9	1.4	0.04	0.000*	---	7.44	26.415
19250	27087	68111	50	245.6	223.7	1.4	0.04	0.000*	---	4.05	2.71
19251	27090	68111	50	236.8	217.2	1.4	0.04	0.000*	---	3.94	2.373
19252	27091	68111	50	420.9	353.5	1.4	0.04	0.000*	---	6.09	14.58
19253	27092	68111	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.882
19254	27094	68111	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.829
19255	27095	68111	50	356.3	305.7	1.4	0.04	0.000*	---	5.36	9.215
19256	27096	68111	50	655.2	526.8	1.4	0.04	0.000*	---	8.58	37.204
19257	27099	68111	50	150.6	153.5	1.4	0.04	0.000*	---	2.86	0.388
19258	27101	68111	50	129	137.5	1.4	0.04	0.000*	---	2.58	0.199
19259	27103	68111	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
19260	27107	68111	50	78.3	99.9	1.4	0.04	0.000*	---	1.92	0.022
19261	27108	68111	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
19262	27109	68111	50	78.6	100.1	1.4	0.04	0.000*	---	1.92	0.022
19263	27110	68111	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
19264	27111	68111	50	546.8	446.6	1.4	0.04	0.000*	---	7.46	26.644
19265	27112	68111	50	373.7	318.6	1.4	0.04	0.000*	---	5.56	10.571
19266	27114	68111	50	500.3	412.2	1.4	0.04	0.000*	---	6.96	22.062
19267	27115	68111	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.771
19268	27116	68111	50	598.1	484.6	1.4	0.04	0.000*	---	7.99	31.697
19269	27117	68111	50	106	120.4	1.4	0.04	0.000*	---	2.28	0.084
19270	27118	68111	50	393.3	333	1.4	0.04	0.000*	---	5.78	12.177
19271	27119	68111	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.101
19272	27120	68111	50	502.9	414.1	1.4	0.04	0.000*	---	6.99	22.314
19273	27122	68111	50	560.9	457.1	1.4	0.04	0.000*	---	7.61	28.043
19274	27123	68111	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.621
19275	27127	68111	50	108.3	122.1	1.4	0.04	0.000*	---	2.31	0.092

LEAD BATCH MODE OUTPUT FILE
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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19276	27128	68111	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.518
19277	27129	68111	50	443.8	370.4	1.4	0.04	0.000*	---	6.35	16.66
19278	27130	68111	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
19279	27131	68111	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
19280	27132	68111	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.311
19281	27134	68111	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.02
19282	27135	68111	50	56.4	83.8	1.4	0.04	0.000*	---	1.63	0.006
19283	27136	68111	50	292.4	258.4	1.4	0.04	0.000*	---	4.61	4.968
19284	27137	68111	50	399.1	337.3	1.4	0.04	0.000*	---	5.85	12.672
19285	27138	68111	50	203.7	192.7	1.4	0.04	0.000*	---	3.53	1.337
19286	27139	68111	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.972
19287	27140	68111	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
19288	27141	68111	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.917
19289	27142	68111	50	559.5	456	1.4	0.04	0.000*	---	7.59	27.903
19290	27143	68111	50	51.9	80.4	1.4	0.04	0.000*	---	1.56	0.004
19291	27144	68111	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.661
19292	27145	68111	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
19293	27146	68111	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
19294	27148	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
19295	27149	68111	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
19296	27150	68111	50	154	156	1.4	0.04	0.000*	---	2.9	0.427
19297	27151	68111	50	52	80.5	1.4	0.04	0.000*	---	1.57	0.004
19298	27152	68111	50	62.1	88	1.4	0.04	0.000*	---	1.7	0.008
19299	27153	68111	50	75.5	97.9	1.4	0.04	0.000*	---	1.88	0.019
19300	27155	68111	50	82.9	103.3	1.4	0.04	0.000*	---	1.98	0.028
19301	27156	68111	50	626.9	505.9	1.4	0.04	0.000*	---	8.29	34.505
19302	27157	68111	50	46.7	76.6	1.4	0.04	0.000*	---	1.49	0.003
19303	27159	68111	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
19304	27160	68111	50	642.3	517.3	1.4	0.04	0.000*	---	8.45	35.983
19305	27161	68111	50	81.7	102.4	1.4	0.04	0.000*	---	1.96	0.027
19306	27162	68111	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
19307	27163	68111	50	444.9	371.2	1.4	0.04	0.000*	---	6.36	16.762
19308	27164	68111	50	650.3	523.2	1.4	0.04	0.000*	---	8.53	36.742
19309	27166	68111	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.519
19310	27167	68111	50	63.2	88.7	1.4	0.04	0.000*	---	1.72	0.009
19311	27168	68111	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
19312	27169	68111	50	74	96.8	1.4	0.04	0.000*	---	1.86	0.017
19313	27170	68111	50	52.6	80.9	1.4	0.04	0.000*	---	1.57	0.004
19314	27171	68111	50	350.1	301.1	1.4	0.04	0.000*	---	5.29	8.749
19315	27172	68111	50	97	113.8	1.4	0.04	0.000*	---	2.17	0.057
19316	27173	68111	50	54.8	82.6	1.4	0.04	0.000*	---	1.6	0.005
19317	27174	68111	50	52.6	81	1.4	0.04	0.000*	---	1.57	0.004
19318	27177	68111	50	314	274.3	1.4	0.04	0.000*	---	4.86	6.263
19319	27178	68111	50	45.1	75.3	1.4	0.04	0.000*	---	1.47	0.002
19320	27179	68111	50	421.8	354.1	1.4	0.04	0.000*	---	6.1	14.658
19321	27180	68111	50	455.2	378.9	1.4	0.04	0.000*	---	6.47	17.733
19322	27182	68111	50	1182	916.7	1.4	0.04	0.000*	---	13.37	73.165
19323	27184	68111	50	65.1	90.1	1.4	0.04	0.000*	---	1.74	0.01
19324	27185	68111	50	224.4	208	1.4	0.04	0.000*	---	3.79	1.939
19325	27186	68111	50	207.9	195.8	1.4	0.04	0.000*	---	3.58	1.448
19326	27188	68111	50	54.4	82.3	1.4	0.04	0.000*	---	1.6	0.005
19327	27189	68111	50	292.5	258.4	1.4	0.04	0.000*	---	4.61	4.975
19328	27190	68111	50	282.4	250.9	1.4	0.04	0.000*	---	4.49	4.421
19329	27191	68111	50	274.6	245.2	1.4	0.04	0.000*	---	4.4	4.023
19330	27193	68111	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
19331	27195	68111	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
19332	27197	68111	50	482	398.7	1.4	0.04	0.000*	---	6.77	20.29
19333	27198	68111	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.781
19334	27199	68111	50	52.6	80.9	1.4	0.04	0.000*	---	1.57	0.004
19335	27202	68111	50	42.2	73.2	1.4	0.04	0.000*	---	1.43	0.002
19336	27204	68111	50	72.1	95.4	1.4	0.04	0.000*	---	1.84	0.016

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19337	27205	68111	50	246	224.1	1.4	0.04	0.000*	---	4.05	2.727
19338	27206	68111	50	315.9	275.7	1.4	0.04	0.000*	---	4.89	6.383
19339	27207	68111	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.092
19340	27209	68111	50	156.4	157.8	1.4	0.04	0.000*	---	2.94	0.455
19341	27210	68111	50	149.5	152.6	1.4	0.04	0.000*	---	2.85	0.376
19342	27211	68111	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
19343	27212	68111	50	366	312.8	1.4	0.04	0.000*	---	5.47	9.96
19344	27213	68111	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68
19345	27215	68111	50	203.5	192.6	1.4	0.04	0.000*	---	3.53	1.333
19346	27217	68111	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
19347	27218	68111	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
19348	27219	68111	50	55.4	83	1.4	0.04	0.000*	---	1.61	0.005
19349	27221	68111	50	151.4	154	1.4	0.04	0.000*	---	2.87	0.396
19350	27222	68111	50	59.3	85.8	1.4	0.04	0.000*	---	1.66	0.007
19351	27223	68111	50	62.9	88.6	1.4	0.04	0.000*	---	1.71	0.009
19352	27224	68111	50	79.4	100.7	1.4	0.04	0.000*	---	1.93	0.023
19353	27225	68111	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
19354	27226	68111	50	46	76	1.4	0.04	0.000*	---	1.48	0.002
19355	27227	68111	50	203.3	192.4	1.4	0.04	0.000*	---	3.52	1.326
19356	27229	68111	50	55.5	83	1.4	0.04	0.000*	---	1.61	0.005
19357	27230	68111	50	275.1	245.5	1.4	0.04	0.000*	---	4.4	4.044
19358	27231	68111	50	70.3	94	1.4	0.04	0.000*	---	1.81	0.014
19359	27234	68111	50	66.9	91.5	1.4	0.04	0.000*	---	1.77	0.011
19360	27236	68111	50	268.7	240.8	1.4	0.04	0.000*	---	4.33	3.729
19361	27239	68111	50	84.8	104.7	1.4	0.04	0.000*	---	2	0.031
19362	27240	68111	50	46.4	76.3	1.4	0.04	0.000*	---	1.49	0.003
19363	27242	68111	50	486.8	402.3	1.4	0.04	0.000*	---	6.82	20.753
19364	27244	68111	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
19365	27245	68111	50	431.6	361.4	1.4	0.04	0.000*	---	6.21	15.544
19366	27246	68111	50	205.3	193.9	1.4	0.04	0.000*	---	3.55	1.378
19367	27247	68111	50	515.2	423.3	1.4	0.04	0.000*	---	7.12	23.524
19368	27248	68111	50	55.6	83.1	1.4	0.04	0.000*	---	1.61	0.005
19369	27249	68111	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
19370	27251	68111	50	628.5	507.1	1.4	0.04	0.000*	---	8.31	34.651
19371	27252	68111	50	814.4	644.7	1.4	0.04	0.000*	---	10.13	51.095
19372	27254	68111	50	740.5	589.9	1.4	0.04	0.000*	---	9.42	44.955
19373	27255	68111	50	98.3	114.7	1.4	0.04	0.000*	---	2.18	0.06
19374	27256	68111	50	473	392	1.4	0.04	0.000*	---	6.67	19.423
19375	27258	68111	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
19376	27259	68111	50	97	113.8	1.4	0.04	0.000*	---	2.17	0.057
19377	27260	68111	50	63.2	88.7	1.4	0.04	0.000*	---	1.72	0.009
19378	27262	68111	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
19379	27264	68111	50	295.9	261	1.4	0.04	0.000*	---	4.65	5.17
19380	27265	68111	50	460.8	383	1.4	0.04	0.000*	---	6.53	18.262
19381	27266	68111	50	52.2	80.6	1.4	0.04	0.000*	---	1.57	0.004
19382	27268	68111	50	245.5	223.7	1.4	0.04	0.000*	---	4.05	2.707
19383	27269	68111	50	527.2	432.1	1.4	0.04	0.000*	---	7.25	24.707
19384	27270	68111	50	387.6	328.8	1.4	0.04	0.000*	---	5.72	11.699
19385	27272	68111	50	445.7	371.8	1.4	0.04	0.000*	---	6.37	16.838
19386	27273	68111	50	287.9	255	1.4	0.04	0.000*	---	4.56	4.717
19387	27274	68111	50	348.4	299.8	1.4	0.04	0.000*	---	5.27	8.627
19388	27275	68111	50	240.3	219.8	1.4	0.04	0.000*	---	3.98	2.503
19389	27276	68111	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
19390	27277	68111	50	152.1	154.5	1.4	0.04	0.000*	---	2.88	0.404
19391	27278	68111	50	489.9	404.5	1.4	0.04	0.000*	---	6.85	21.046
19392	27280	68111	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
19393	27281	68111	50	319.6	278.5	1.4	0.04	0.000*	---	4.93	6.627
19394	27283	68111	50	38.5	70.5	1.4	0.04	0.000*	---	1.38	0.001
19395	27286	68111	50	50.4	79.3	1.4	0.04	0.000*	---	1.54	0.004
19396	27288	68111	50	532.9	436.4	1.4	0.04	0.000*	---	7.31	25.273
19397	27289	68111	50	172.2	169.4	1.4	0.04	0.000*	---	3.14	0.68

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19398	27292	68111	50	291.3	257.6	1.4	0.04	0.000*	---	4.6	4.909
19399	27293	68111	50	346.6	298.5	1.4	0.04	0.000*	---	5.25	8.496
19400	27297	68111	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
19401	27298	68111	50	294	259.5	1.4	0.04	0.000*	---	4.63	5.058
19402	27299	68111	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.544
19403	27300	68111	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
19404	27302	68111	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.748
19405	27303	68111	50	71.8	95.1	1.4	0.04	0.000*	---	1.83	0.015
19406	27305	68111	50	290.9	257.2	1.4	0.04	0.000*	---	4.59	4.884
19407	27306	68111	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041
19408	27307	68111	50	356.2	305.6	1.4	0.04	0.000*	---	5.36	9.209
19409	27308	68111	50	66.2	91	1.4	0.04	0.000*	---	1.76	0.011
19410	27310	68111	50	366.8	313.4	1.4	0.04	0.000*	---	5.48	10.02
19411	27312	68111	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.184
19412	27315	68111	50	1012.5	791.3	1.4	0.04	0.000*	---	11.93	64.638
19413	27316	68111	50	242.1	221.2	1.4	0.04	0.000*	---	4	2.574
19414	27317	68111	50	940.7	738.1	1.4	0.04	0.000*	---	11.29	60.208
19415	27318	68111	50	587.4	476.7	1.4	0.04	0.000*	---	7.88	30.655
19416	27322	68111	50	42.6	73.6	1.4	0.04	0.000*	---	1.44	0.002
19417	27323	68111	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193
19418	27324	68111	50	689.4	552.2	1.4	0.04	0.000*	---	8.92	40.394
19419	27325	68111	50	371.3	316.7	1.4	0.04	0.000*	---	5.53	10.375
19420	27326	68111	50	44	74.6	1.4	0.04	0.000*	---	1.46	0.002
19421	27328	68111	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
19422	27329	68111	50	99.3	115.5	1.4	0.04	0.000*	---	2.2	0.063
19423	27334	68111	50	523.9	429.7	1.4	0.04	0.000*	---	7.22	24.379
19424	27335	68111	50	336.2	290.8	1.4	0.04	0.000*	---	5.12	7.746
19425	27336	68111	50	315.5	275.5	1.4	0.04	0.000*	---	4.88	6.358
19426	27337	68111	50	211	198.1	1.4	0.04	0.000*	---	3.62	1.534
19427	27338	68111	50	235.9	216.6	1.4	0.04	0.000*	---	3.93	2.341
19428	27340	68111	50	110	123.4	1.4	0.04	0.000*	---	2.34	0.099
19429	27341	68111	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
19430	27342	68111	50	44.8	75.1	1.4	0.04	0.000*	---	1.47	0.002
19431	27344	68111	50	311.8	272.7	1.4	0.04	0.000*	---	4.84	6.125
19432	27345	68111	50	115.9	127.8	1.4	0.04	0.000*	---	2.41	0.124
19433	27346	68111	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
19434	27347	68111	50	151.8	154.3	1.4	0.04	0.000*	---	2.88	0.4
19435	27349	68111	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
19436	27351	68111	50	250.9	227.6	1.4	0.04	0.000*	---	4.11	2.926
19437	27353	68111	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
19438	27354	68111	50	259.7	234.1	1.4	0.04	0.000*	---	4.22	3.309
19439	27355	68111	50	246.6	224.5	1.4	0.04	0.000*	---	4.06	2.752
19440	27356	68111	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.22
19441	27357	68111	50	374.6	319.2	1.4	0.04	0.000*	---	5.57	10.638
19442	27358	68111	50	590.9	479.3	1.4	0.04	0.000*	---	7.92	30.998
19443	27359	68111	50	43.3	74	1.4	0.04	0.000*	---	1.45	0.002
19444	27360	68111	50	165.5	164.4	1.4	0.04	0.000*	---	3.05	0.576
19445	27362	68111	50	54.9	82.6	1.4	0.04	0.000*	---	1.61	0.005
19446	27363	68111	50	50.4	79.3	1.4	0.04	0.000*	---	1.54	0.004
19447	27364	68111	50	260.6	234.9	1.4	0.04	0.000*	---	4.23	3.354
19448	27366	68111	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
19449	27368	68111	50	76.7	98.7	1.4	0.04	0.000*	---	1.9	0.02
19450	27369	68111	50	266.7	239.4	1.4	0.04	0.000*	---	4.3	3.634
19451	27371	68111	50	115.9	127.8	1.4	0.04	0.000*	---	2.41	0.124
19452	27373	68111	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
19453	27375	68111	50	539.5	441.3	1.4	0.04	0.000*	---	7.38	25.927
19454	27376	68111	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.647
19455	27377	68111	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
19456	27379	68111	50	40.6	72.1	1.4	0.04	0.000*	---	1.41	0.002
19457	27380	68111	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
19458	27383	68111	50	50.5	79.4	1.4	0.04	0.000*	---	1.55	0.004

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19459	27384	68111	50	38.5	70.5	1.4	0.04	0.000*	---	1.38	0.001
19460	27385	68111	50	210.5	197.8	1.4	0.04	0.000*	---	3.62	1.521
19461	27387	68111	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
19462	27388	68111	50	117.2	128.7	1.4	0.04	0.000*	---	2.43	0.13
19463	27390	68111	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.163
19464	27394	68111	50	56.8	84	1.4	0.04	0.000*	---	1.63	0.006
19465	27396	68111	50	241.9	221	1.4	0.04	0.000*	---	4	2.567
19466	27397	68111	50	374	318.8	1.4	0.04	0.000*	---	5.56	10.593
19467	27398	68111	50	435.5	364.2	1.4	0.04	0.000*	---	6.25	15.895
19468	27399	68111	50	112.1	125	1.4	0.04	0.000*	---	2.36	0.107
19469	27402	68111	50	85.6	105.3	1.4	0.04	0.000*	---	2.01	0.033
19470	27403	68111	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.091
19471	27408	68111	50	53.2	81.4	1.4	0.04	0.000*	---	1.58	0.004
19472	27409	68111	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
19473	27410	68111	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.792
19474	27411	68111	50	67.9	92.2	1.4	0.04	0.000*	---	1.78	0.012
19475	27412	68111	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
19476	27413	68111	50	592.8	480.7	1.4	0.04	0.000*	---	7.94	31.185
19477	27414	68111	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
19478	27415	68111	50	362.8	310.5	1.4	0.04	0.000*	---	5.43	9.711
19479	27416	68111	50	420.2	352.9	1.4	0.04	0.000*	---	6.08	14.513
19480	27418	68111	50	367.6	314.1	1.4	0.04	0.000*	---	5.49	10.089
19481	27419	68111	50	364.7	311.9	1.4	0.04	0.000*	---	5.45	9.856
19482	27422	68111	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.192
19483	27423	68111	50	338.3	292.3	1.4	0.04	0.000*	---	5.15	7.893
19484	27424	68111	50	151.6	154.2	1.4	0.04	0.000*	---	2.87	0.398
19485	27425	68111	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
19486	27426	68111	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
19487	27428	68111	50	70.2	94	1.4	0.04	0.000*	---	1.81	0.014
19488	27429	68111	50	73.3	96.2	1.4	0.04	0.000*	---	1.85	0.017
19489	27432	68111	50	390.3	330.8	1.4	0.04	0.000*	---	5.75	11.925
19490	27433	68111	50	466.9	387.5	1.4	0.04	0.000*	---	6.6	18.835
19491	27434	68111	50	472.3	391.5	1.4	0.04	0.000*	---	6.66	19.353
19492	27440	68111	50	77.2	99.2	1.4	0.04	0.000*	---	1.9	0.021
19493	27441	68111	50	720.8	575.4	1.4	0.04	0.000*	---	9.23	43.229
19494	27442	68111	50	424.8	356.4	1.4	0.04	0.000*	---	6.14	14.931
19495	27443	68111	50	83.2	103.5	1.4	0.04	0.000*	---	1.98	0.029
19496	27444	68111	50	226.7	209.8	1.4	0.04	0.000*	---	3.82	2.017
19497	27445	68111	50	246.9	224.8	1.4	0.04	0.000*	---	4.06	2.766
19498	27446	68111	50	458.6	381.4	1.4	0.04	0.000*	---	6.51	18.051
19499	27447	68111	50	173.9	170.7	1.4	0.04	0.000*	---	3.16	0.709
19500	27448	68111	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
19501	27449	68111	50	536.1	438.7	1.4	0.04	0.000*	---	7.35	25.583
19502	27450	68111	50	60.8	87	1.4	0.04	0.000*	---	1.68	0.008
19503	27451	68111	50	92.8	110.7	1.4	0.04	0.000*	---	2.11	0.047
19504	27452	68111	50	375.4	319.8	1.4	0.04	0.000*	---	5.58	10.708
19505	27453	68111	50	68.3	92.5	1.4	0.04	0.000*	---	1.78	0.012
19506	27454	68111	50	79.8	101.1	1.4	0.04	0.000*	---	1.94	0.024
19507	27456	68111	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
19508	27457	68111	50	928.8	729.3	1.4	0.04	0.000*	---	11.19	59.427
19509	27458	68111	50	135.7	142.4	1.4	0.04	0.000*	---	2.67	0.248
19510	27459	68111	50	524.5	430.1	1.4	0.04	0.000*	---	7.22	24.436
19511	27460	68111	50	571	464.6	1.4	0.04	0.000*	---	7.71	29.039
19512	27461	68111	50	136.2	142.8	1.4	0.04	0.000*	---	2.68	0.252
19513	27462	68111	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
19514	27463	68111	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
19515	27465	68111	50	364.5	311.8	1.4	0.04	0.000*	---	5.45	9.847
19516	27466	68111	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
19517	27467	68111	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
19518	27470	68111	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
19519	27472	68111	50	149	152.2	1.4	0.04	0.000*	---	2.84	0.37

LEAD BATCH MODE OUTPUT FILE
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Run Mode: Research

* : signify default values used in place of missing input data.
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19520	27474	68111	50	73.3	96.2	1.4	0.04	0.000*	---	1.85	0.017
19521	27475	68111	50	132	139.7	1.4	0.04	0.000*	---	2.62	0.22
19522	27478	68111	50	93.2	111	1.4	0.04	0.000*	---	2.12	0.047
19523	27479	68111	50	223.7	207.6	1.4	0.04	0.000*	---	3.78	1.919
19524	27480	68111	50	266.4	239.1	1.4	0.04	0.000*	---	4.3	3.621
19525	27481	68111	50	208.2	196	1.4	0.04	0.000*	---	3.59	1.456
19526	27485	68111	50	128	136.7	1.4	0.04	0.000*	---	2.57	0.192
19527	27488	68111	50	126.6	135.7	1.4	0.04	0.000*	---	2.55	0.183
19528	27489	68111	50	462	383.9	1.4	0.04	0.000*	---	6.55	18.376
19529	27490	68111	50	242.9	221.7	1.4	0.04	0.000*	---	4.01	2.604
19530	27492	68111	50	120.3	131.1	1.4	0.04	0.000*	---	2.47	0.147
19531	27495	68111	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
19532	27496	68111	50	79.4	100.8	1.4	0.04	0.000*	---	1.93	0.024
19533	27497	68111	50	43.2	74	1.4	0.04	0.000*	---	1.45	0.002
19534	27499	68111	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
19535	27500	68111	50	80	101.2	1.4	0.04	0.000*	---	1.94	0.024
19536	27502	68111	50	60.1	86.5	1.4	0.04	0.000*	---	1.68	0.007
19537	27503	68111	50	81.1	102	1.4	0.04	0.000*	---	1.95	0.026
19538	27505	68111	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
19539	27508	68111	50	258.1	233	1.4	0.04	0.000*	---	4.2	3.239
19540	27509	68111	50	46.3	76.2	1.4	0.04	0.000*	---	1.49	0.003
19541	27510	68111	50	72.1	95.4	1.4	0.04	0.000*	---	1.84	0.016
19542	27511	68111	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
19543	27512	68111	50	410.6	345.9	1.4	0.04	0.000*	---	5.98	13.669
19544	27513	68111	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
19545	27514	68111	50	46.7	76.5	1.4	0.04	0.000*	---	1.49	0.003
19546	27515	68111	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
19547	27516	68111	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
19548	27517	68111	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
19549	27519	68111	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.524
19550	27520	68111	50	43.1	73.9	1.4	0.04	0.000*	---	1.45	0.002
19551	27523	68111	50	328.6	285.1	1.4	0.04	0.000*	---	5.04	7.22
19552	27524	68111	50	58	84.9	1.4	0.04	0.000*	---	1.65	0.006
19553	27525	68111	50	312.9	273.5	1.4	0.04	0.000*	---	4.85	6.193
19554	27528	68111	50	523.3	429.2	1.4	0.04	0.000*	---	7.21	24.317
19555	27529	68111	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
19556	27531	68111	50	340.4	293.9	1.4	0.04	0.000*	---	5.17	8.043
19557	27533	68111	50	306.5	268.8	1.4	0.04	0.000*	---	4.78	5.799
19558	27534	68111	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.047
19559	27535	68111	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
19560	27538	68111	50	70.6	94.2	1.4	0.04	0.000*	---	1.82	0.014
19561	27540	68111	50	281.6	250.4	1.4	0.04	0.000*	---	4.48	4.383
19562	27542	68111	50	125.3	134.8	1.4	0.04	0.000*	---	2.54	0.175
19563	27543	68111	50	186.8	180.3	1.4	0.04	0.000*	---	3.32	0.948
19564	27544	68111	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.223
19565	27545	68111	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.585
19566	27546	68111	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
19567	27548	68111	50	49.7	78.8	1.4	0.04	0.000*	---	1.53	0.003
19568	27549	68111	50	482.9	399.3	1.4	0.04	0.000*	---	6.77	20.37
19569	27551	68111	50	78.8	100.3	1.4	0.04	0.000*	---	1.92	0.023
19570	27553	68111	50	432.1	361.8	1.4	0.04	0.000*	---	6.22	15.593
19571	27556	68111	50	192.8	184.6	1.4	0.04	0.000*	---	3.39	1.075
19572	27558	68111	50	267.5	240	1.4	0.04	0.000*	---	4.31	3.674
19573	27561	68111	50	73.3	96.3	1.4	0.04	0.000*	---	1.85	0.017
19574	27562	68111	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.649
19575	27564	68111	50	493	406.8	1.4	0.04	0.000*	---	6.88	21.353
19576	27565	68111	50	356.9	306.1	1.4	0.04	0.000*	---	5.36	9.258
19577	27566	68111	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.192
19578	27567	68111	50	52.1	80.5	1.4	0.04	0.000*	---	1.57	0.004
19579	27568	68111	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.161
19580	27569	68111	50	358.3	307.1	1.4	0.04	0.000*	---	5.38	9.366

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19581	27574	68111	50	460.9	383.1	1.4	0.04	0.000*	---	6.53	18.269
19582	27576	68111	50	289.3	256	1.4	0.04	0.000*	---	4.57	4.794
19583	27578	68111	50	459.4	382	1.4	0.04	0.000*	---	6.52	18.126
19584	27579	68111	50	247.4	225.1	1.4	0.04	0.000*	---	4.07	2.783
19585	27580	68111	50	320.3	279	1.4	0.04	0.000*	---	4.94	6.67
19586	27581	68111	50	53.2	81.4	1.4	0.04	0.000*	---	1.58	0.004
19587	27582	68111	50	341.2	294.5	1.4	0.04	0.000*	---	5.18	8.104
19588	27584	68111	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041
19589	27585	68111	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
19590	27587	68111	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.841
19591	27590	68111	50	208.5	196.3	1.4	0.04	0.000*	---	3.59	1.463
19592	27591	68111	50	240	219.6	1.4	0.04	0.000*	---	3.98	2.492
19593	27593	68111	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
19594	27594	68111	50	288	255.1	1.4	0.04	0.000*	---	4.56	4.727
19595	27596	68111	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
19596	27597	68111	50	273.1	244.1	1.4	0.04	0.000*	---	4.38	3.946
19597	27598	68111	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355
19598	27599	68111	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.047
19599	27600	68111	50	227.5	210.4	1.4	0.04	0.000*	---	3.82	2.044
19600	27601	68111	50	192.5	184.4	1.4	0.04	0.000*	---	3.39	1.069
19601	27604	68111	50	117.6	129	1.4	0.04	0.000*	---	2.43	0.132
19602	27606	68111	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
19603	27607	68111	50	192	184.1	1.4	0.04	0.000*	---	3.38	1.057
19604	27608	68111	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.242
19605	27609	68111	50	69.2	93.2	1.4	0.04	0.000*	---	1.8	0.013
19606	27611	68111	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.164
19607	27612	68111	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
19608	27614	68111	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
19609	27617	68111	50	50.6	79.4	1.4	0.04	0.000*	---	1.55	0.004
19610	27618	68111	50	177.9	173.7	1.4	0.04	0.000*	---	3.21	0.778
19611	27619	68111	50	332.4	288	1.4	0.04	0.000*	---	5.08	7.481
19612	27620	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
19613	27622	68111	50	456	379.5	1.4	0.04	0.000*	---	6.48	17.806
19614	27625	68111	50	209.8	197.2	1.4	0.04	0.000*	---	3.61	1.5
19615	27626	68111	50	418.3	351.5	1.4	0.04	0.000*	---	6.06	14.344
19616	27629	68111	50	117.5	129	1.4	0.04	0.000*	---	2.43	0.132
19617	27630	68111	50	363.6	311.1	1.4	0.04	0.000*	---	5.44	9.773
19618	27631	68111	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
19619	27632	68111	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.983
19620	27633	68111	50	85.1	104.9	1.4	0.04	0.000*	---	2.01	0.032
19621	27636	68111	50	108.5	122.3	1.4	0.04	0.000*	---	2.32	0.093
19622	27638	68111	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
19623	27641	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
19624	27642	68111	50	253.6	229.7	1.4	0.04	0.000*	---	4.14	3.045
19625	27645	68111	50	191.1	183.4	1.4	0.04	0.000*	---	3.37	1.038
19626	27647	68111	50	69	93.1	1.4	0.04	0.000*	---	1.79	0.013
19627	27650	68111	50	849.5	670.6	1.4	0.04	0.000*	---	10.46	53.801
19628	27657	68111	50	56.7	83.9	1.4	0.04	0.000*	---	1.63	0.006
19629	27658	68111	50	92.2	110.2	1.4	0.04	0.000*	---	2.1	0.045
19630	27659	68111	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.544
19631	27662	68111	50	245.5	223.7	1.4	0.04	0.000*	---	4.05	2.707
19632	27663	68111	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
19633	27665	68111	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
19634	27668	68111	50	148.3	151.8	1.4	0.04	0.000*	---	2.83	0.363
19635	27669	68111	50	324.2	281.9	1.4	0.04	0.000*	---	4.98	6.928
19636	27670	68111	50	74.3	96.9	1.4	0.04	0.000*	---	1.86	0.018
19637	27671	68111	50	1443.3	1110.1	1.4	0.04	0.000*	---	15.43	82.203
19638	27672	68111	50	46	76.1	1.4	0.04	0.000*	---	1.49	0.002
19639	27673	68111	50	69.8	93.6	1.4	0.04	0.000*	---	1.8	0.013
19640	27674	68111	50	172.5	169.7	1.4	0.04	0.000*	---	3.14	0.685
19641	27675	68111	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19642	27676	68111	50	193.3	185.1	1.4	0.04	0.000*	---	3.4	1.088
19643	27677	68111	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
19644	27678	68111	50	39.9	71.5	1.4	0.04	0.000*	---	1.4	0.001
19645	27679	68111	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
19646	27681	68111	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.431
19647	27682	68111	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
19648	27684	68111	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
19649	27685	68111	50	125.3	134.8	1.4	0.04	0.000*	---	2.54	0.175
19650	27686	68111	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
19651	27687	68111	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.8
19652	27688	68111	50	1074.8	837.3	1.4	0.04	0.000*	---	12.47	68.064
19653	27689	68111	50	40.6	72.1	1.4	0.04	0.000*	---	1.41	0.002
19654	27694	68111	50	261.8	235.8	1.4	0.04	0.000*	---	4.24	3.407
19655	27698	68111	50	534.3	437.4	1.4	0.04	0.000*	---	7.33	25.41
19656	27699	68111	50	505.9	416.4	1.4	0.04	0.000*	---	7.02	22.609
19657	27700	68111	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
19658	27701	68111	50	416.1	349.9	1.4	0.04	0.000*	---	6.04	14.149
19659	27702	68111	50	144.4	148.9	1.4	0.04	0.000*	---	2.78	0.324
19660	27705	68111	50	335.6	290.3	1.4	0.04	0.000*	---	5.12	7.705
19661	27706	68111	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.978
19662	27707	68111	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.097
19663	27708	68111	50	333.3	288.6	1.4	0.04	0.000*	---	5.09	7.547
19664	27710	68111	50	548.8	448.1	1.4	0.04	0.000*	---	7.48	26.843
19665	27711	68111	50	338.9	292.8	1.4	0.04	0.000*	---	5.16	7.938
19666	27712	68111	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
19667	27713	68111	50	512.5	421.3	1.4	0.04	0.000*	---	7.09	23.259
19668	27716	68111	50	520.9	427.5	1.4	0.04	0.000*	---	7.18	24.086
19669	27718	68111	50	125.8	135.1	1.4	0.04	0.000*	---	2.54	0.178
19670	27719	68111	50	535.9	438.6	1.4	0.04	0.000*	---	7.34	25.57
19671	27721	68111	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.045
19672	27723	68111	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
19673	27724	68111	50	646.1	520.1	1.4	0.04	0.000*	---	8.49	36.337
19674	27725	68111	50	509.7	419.2	1.4	0.04	0.000*	---	7.06	22.984
19675	27726	68111	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.65
19676	27728	68111	50	294.1	259.6	1.4	0.04	0.000*	---	4.63	5.064
19677	27729	68111	50	214.5	200.7	1.4	0.04	0.000*	---	3.66	1.635
19678	27731	68111	50	63	88.6	1.4	0.04	0.000*	---	1.71	0.009
19679	27732	68111	50	46	76	1.4	0.04	0.000*	---	1.48	0.002
19680	27733	68111	50	412	346.9	1.4	0.04	0.000*	---	5.99	13.794
19681	27734	68111	50	46.7	76.5	1.4	0.04	0.000*	---	1.49	0.003
19682	27736	68111	50	353	303.2	1.4	0.04	0.000*	---	5.32	8.967
19683	27738	68111	50	197.4	188.1	1.4	0.04	0.000*	---	3.45	1.183
19684	27739	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
19685	27740	68111	50	232.1	213.7	1.4	0.04	0.000*	---	3.88	2.2
19686	27741	68111	50	633.5	510.8	1.4	0.04	0.000*	---	8.36	35.134
19687	27742	68111	50	322.5	280.7	1.4	0.04	0.000*	---	4.97	6.817
19688	27744	68111	50	877.5	691.4	1.4	0.04	0.000*	---	10.72	55.868
19689	27745	68111	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.898
19690	27746	68111	50	451.3	376	1.4	0.04	0.000*	---	6.43	17.365
19691	27748	68111	50	481.1	398	1.4	0.04	0.000*	---	6.76	20.203
19692	27750	68111	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017
19693	27751	68111	50	447.6	373.3	1.4	0.04	0.000*	---	6.39	17.022
19694	27754	68111	50	60.4	86.7	1.4	0.04	0.000*	---	1.68	0.007
19695	27755	68111	50	354.4	304.3	1.4	0.04	0.000*	---	5.34	9.072
19696	27758	68111	50	355.6	305.1	1.4	0.04	0.000*	---	5.35	9.16
19697	27759	68111	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.638
19698	27762	68111	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
19699	27763	68111	50	211.3	198.3	1.4	0.04	0.000*	---	3.62	1.541
19700	27764	68111	50	53.3	81.4	1.4	0.04	0.000*	---	1.58	0.004
19701	27767	68111	50	323.4	281.3	1.4	0.04	0.000*	---	4.98	6.876
19702	27768	68111	50	40	71.6	1.4	0.04	0.000*	---	1.4	0.001

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19703	27769	68111	50	190.6	183	1.4	0.04	0.000*	---	3.37	1.027
19704	27770	68111	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
19705	27772	68111	50	576.5	468.6	1.4	0.04	0.000*	---	7.77	29.583
19706	27773	68111	50	210.5	197.7	1.4	0.04	0.000*	---	3.61	1.519
19707	27774	68111	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.879
19708	27775	68111	50	476.6	394.7	1.4	0.04	0.000*	---	6.71	19.769
19709	27776	68111	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
19710	27777	68111	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
19711	27778	68111	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.132
19712	27779	68111	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.721
19713	27780	68111	50	628.4	507	1.4	0.04	0.000*	---	8.31	34.649
19714	27782	68111	50	327.5	284.3	1.4	0.04	0.000*	---	5.02	7.147
19715	27786	68111	50	68.4	92.6	1.4	0.04	0.000*	---	1.79	0.012
19716	27789	68111	50	50	79	1.4	0.04	0.000*	---	1.54	0.003
19717	27792	68111	50	296.9	261.7	1.4	0.04	0.000*	---	4.66	5.228
19718	27793	68111	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
19719	27794	68111	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
19720	27795	68111	50	134.8	141.8	1.4	0.04	0.000*	---	2.66	0.241
19721	27798	68111	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
19722	27803	68111	50	96	113	1.4	0.04	0.000*	---	2.15	0.054
19723	27805	68111	50	536.7	439.2	1.4	0.04	0.000*	---	7.35	25.648
19724	27806	68111	50	154	155.9	1.4	0.04	0.000*	---	2.9	0.426
19725	27807	68111	50	256	231.4	1.4	0.04	0.000*	---	4.17	3.145
19726	27809	68111	50	247.7	225.3	1.4	0.04	0.000*	---	4.07	2.795
19727	27810	68111	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
19728	27812	68111	50	255.4	231	1.4	0.04	0.000*	---	4.17	3.12
19729	27813	68111	50	69.3	93.3	1.4	0.04	0.000*	---	1.8	0.013
19730	27817	68111	50	263.4	236.9	1.4	0.04	0.000*	---	4.26	3.478
19731	27824	68111	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
19732	27827	68111	50	47.9	77.5	1.4	0.04	0.000*	---	1.51	0.003
19733	27830	68111	50	199.6	189.7	1.4	0.04	0.000*	---	3.48	1.235
19734	27831	68111	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
19735	27834	68111	50	38.6	70.6	1.4	0.04	0.000*	---	1.38	0.001
19736	27845	68111	50	176.6	172.7	1.4	0.04	0.000*	---	3.19	0.755
19737	27846	68111	50	501.1	412.8	1.4	0.04	0.000*	---	6.97	22.137
19738	27848	68111	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.804
19739	27850	68111	50	442.8	369.6	1.4	0.04	0.000*	---	6.33	16.569
19740	27853	68111	50	75.1	97.6	1.4	0.04	0.000*	---	1.87	0.018
19741	27854	68111	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.112
19742	27856	68111	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
19743	27857	68111	50	294.6	260	1.4	0.04	0.000*	---	4.64	5.094
19744	27859	68111	50	328.6	285.1	1.4	0.04	0.000*	---	5.04	7.222
19745	27861	68111	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.397
19746	27862	68111	50	588	477.2	1.4	0.04	0.000*	---	7.89	30.716
19747	27863	68111	50	483.3	399.6	1.4	0.04	0.000*	---	6.78	20.409
19748	27865	68111	50	96.7	113.6	1.4	0.04	0.000*	---	2.16	0.056
19749	27866	68111	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
19750	27867	68111	50	359	307.7	1.4	0.04	0.000*	---	5.39	9.423
19751	27869	68111	50	50.9	79.6	1.4	0.04	0.000*	---	1.55	0.004
19752	27871	68111	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.349
19753	27872	68111	50	185.3	179.1	1.4	0.04	0.000*	---	3.3	0.916
19754	27874	68111	50	395	334.3	1.4	0.04	0.000*	---	5.8	12.326
19755	27875	68111	50	212.1	198.9	1.4	0.04	0.000*	---	3.63	1.564
19756	27876	68111	50	49.8	78.9	1.4	0.04	0.000*	---	1.54	0.003
19757	27878	68111	50	44.3	74.8	1.4	0.04	0.000*	---	1.46	0.002
19758	27879	68111	50	116	127.9	1.4	0.04	0.000*	---	2.41	0.125
19759	27882	68111	50	350.7	301.5	1.4	0.04	0.000*	---	5.29	8.792
19760	27883	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
19761	27885	68111	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.031
19762	27886	68111	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
19763	27887	68111	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.804

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19764	27888	68111	50	45.6	75.8	1.4	0.04	0.000*	---	1.48	0.002
19765	27890	68111	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.351
19766	27891	68111	50	486.2	401.8	1.4	0.04	0.000*	---	6.81	20.694
19767	27892	68111	50	254.6	230.4	1.4	0.04	0.000*	---	4.16	3.087
19768	27893	68111	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
19769	27895	68111	50	580.3	471.4	1.4	0.04	0.000*	---	7.81	29.948
19770	27896	68111	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.431
19771	27897	68111	50	52.5	80.9	1.4	0.04	0.000*	---	1.57	0.004
19772	27898	68111	50	506	416.4	1.4	0.04	0.000*	---	7.02	22.618
19773	27899	68111	50	291	257.4	1.4	0.04	0.000*	---	4.59	4.894
19774	27901	68111	50	285.4	253.2	1.4	0.04	0.000*	---	4.53	4.581
19775	27902	68111	50	45.3	75.6	1.4	0.04	0.000*	---	1.48	0.002
19776	27903	68111	50	265	238.1	1.4	0.04	0.000*	---	4.28	3.555
19777	27904	68111	50	26	61.2	1.4	0.04	0.000*	---	1.21	0
19778	27906	68111	50	48.9	78.2	1.4	0.04	0.000*	---	1.52	0.003
19779	27908	68111	50	44.2	74.7	1.4	0.04	0.000*	---	1.46	0.002
19780	27909	68111	50	412	346.9	1.4	0.04	0.000*	---	5.99	13.789
19781	27910	68111	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
19782	27911	68111	50	24.1	59.8	1.4	0.04	0.000*	---	1.19	0
19783	27912	68111	50	641.6	516.8	1.4	0.04	0.000*	---	8.44	35.91
19784	27913	68111	50	210.2	197.5	1.4	0.04	0.000*	---	3.61	1.511
19785	27914	68111	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.886
19786	27915	68111	50	30.9	64.9	1.4	0.04	0.000*	---	1.28	0.001
19787	27916	68111	50	486.4	401.9	1.4	0.04	0.000*	---	6.81	20.709
19788	27918	68111	50	493.4	407.1	1.4	0.04	0.000*	---	6.89	21.393
19789	27919	68111	50	468.3	388.6	1.4	0.04	0.000*	---	6.62	18.973
19790	27920	68111	50	29.6	63.9	1.4	0.04	0.000*	---	1.26	0.001
19791	27921	68111	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.609
19792	27922	68111	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
19793	27923	68111	50	112.8	125.5	1.4	0.04	0.000*	---	2.37	0.11
19794	27924	68111	50	40.6	72.1	1.4	0.04	0.000*	---	1.41	0.002
19795	27926	68111	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.575
19796	27929	68111	50	429.6	359.9	1.4	0.04	0.000*	---	6.19	15.366
19797	27930	68111	50	439.2	367	1.4	0.04	0.000*	---	6.29	16.237
19798	27931	68111	50	114	126.4	1.4	0.04	0.000*	---	2.39	0.116
19799	27932	68111	50	40.1	71.7	1.4	0.04	0.000*	---	1.4	0.001
19800	27938	68111	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.996
19801	27939	68111	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.71
19802	27940	68111	50	576.4	468.5	1.4	0.04	0.000*	---	7.77	29.565
19803	27941	68111	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.965
19804	27942	68111	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
19805	27945	68111	50	54.6	82.4	1.4	0.04	0.000*	---	1.6	0.005
19806	27946	68111	50	199.1	189.3	1.4	0.04	0.000*	---	3.47	1.221
19807	27947	68111	50	55.9	83.3	1.4	0.04	0.000*	---	1.62	0.005
19808	27948	68111	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
19809	27949	68111	50	299.9	263.9	1.4	0.04	0.000*	---	4.7	5.4
19810	27950	68111	50	226.1	209.3	1.4	0.04	0.000*	---	3.81	1.996
19811	27953	68111	50	46.8	76.6	1.4	0.04	0.000*	---	1.5	0.003
19812	27954	68111	50	209.9	197.3	1.4	0.04	0.000*	---	3.61	1.504
19813	27960	68111	50	40.1	71.7	1.4	0.04	0.000*	---	1.4	0.001
19814	27962	68111	50	382.7	325.2	1.4	0.04	0.000*	---	5.66	11.296
19815	27969	68111	50	306.1	268.5	1.4	0.04	0.000*	---	4.77	5.772
19816	27982	68111	50	214.6	200.8	1.4	0.04	0.000*	---	3.67	1.637
19817	27985	68111	50	406.8	343	1.4	0.04	0.000*	---	5.93	13.336
19818	27987	68111	50	306.1	268.5	1.4	0.04	0.000*	---	4.77	5.775
19819	27988	68111	50	179	174.4	1.4	0.04	0.000*	---	3.22	0.796
19820	27991	68111	50	31.4	65.2	1.4	0.04	0.000*	---	1.29	0.001
19821	27994	68111	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.824
19822	27996	68111	50	384.2	326.3	1.4	0.04	0.000*	---	5.68	11.419
19823	27997	68111	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.487
19824	27998	68111	50	309.5	271	1.4	0.04	0.000*	---	4.81	5.983

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19825	28000	68111	50	373.3	318.2	1.4	0.04	0.000*	---	5.55	10.535
19826	28002	68111	50	423.5	355.4	1.4	0.04	0.000*	---	6.12	14.814
19827	28003	68111	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
19828	28004	68111	50	264.6	237.8	1.4	0.04	0.000*	---	4.28	3.537
19829	28005	68111	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
19830	28006	68111	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.903
19831	28007	68111	50	111	124.1	1.4	0.04	0.000*	---	2.35	0.103
19832	28009	68111	50	597.3	484	1.4	0.04	0.000*	---	7.99	31.623
19833	28010	68111	50	600	486	1.4	0.04	0.000*	---	8.01	31.889
19834	28011	68111	50	572.5	465.7	1.4	0.04	0.000*	---	7.73	29.19
19835	28014	68111	50	77.1	99	1.4	0.04	0.000*	---	1.9	0.021
19836	28015	68111	50	319	278	1.4	0.04	0.000*	---	4.92	6.582
19837	28016	68111	50	282.2	250.8	1.4	0.04	0.000*	---	4.49	4.411
19838	28018	68111	50	449.7	374.8	1.4	0.04	0.000*	---	6.41	17.214
19839	28019	68111	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
19840	28020	68111	50	317.7	277.1	1.4	0.04	0.000*	---	4.91	6.504
19841	28022	68111	50	42.2	73.2	1.4	0.04	0.000*	---	1.43	0.002
19842	28023	68111	50	662.2	532	1.4	0.04	0.000*	---	8.65	37.864
19843	28024	68111	50	324.1	281.9	1.4	0.04	0.000*	---	4.98	6.922
19844	28025	68111	50	462.2	384	1.4	0.04	0.000*	---	6.55	18.39
19845	28026	68111	50	247.8	225.4	1.4	0.04	0.000*	---	4.07	2.8
19846	28027	68111	50	474.7	393.3	1.4	0.04	0.000*	---	6.69	19.584
19847	28028	68111	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.118
19848	28029	68111	50	712.3	569.1	1.4	0.04	0.000*	---	9.15	42.465
19849	28032	68111	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
19850	28033	68111	50	559.7	456.2	1.4	0.04	0.000*	---	7.6	27.918
19851	28034	68111	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
19852	28035	68111	50	312.3	273.1	1.4	0.04	0.000*	---	4.84	6.154
19853	28036	68111	50	177.5	173.3	1.4	0.04	0.000*	---	3.2	0.77
19854	28037	68111	50	305.3	267.9	1.4	0.04	0.000*	---	4.76	5.725
19855	28038	68111	50	33.6	66.8	1.4	0.04	0.000*	---	1.32	0.001
19856	28041	68111	50	345.6	297.8	1.4	0.04	0.000*	---	5.23	8.422
19857	28042	68111	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.031
19858	28043	68111	50	41.6	72.8	1.4	0.04	0.000*	---	1.43	0.002
19859	28044	68111	50	333.9	289.1	1.4	0.04	0.000*	---	5.1	7.585
19860	28045	68111	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
19861	28046	68111	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
19862	28047	68111	50	55.5	83	1.4	0.04	0.000*	---	1.61	0.005
19863	28048	68111	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.167
19864	28049	68111	50	221.4	205.8	1.4	0.04	0.000*	---	3.75	1.844
19865	28050	68111	50	475.9	394.2	1.4	0.04	0.000*	---	6.7	19.701
19866	28051	68111	50	68.6	92.8	1.4	0.04	0.000*	---	1.79	0.013
19867	28054	68111	50	313.4	273.9	1.4	0.04	0.000*	---	4.86	6.224
19868	28055	68111	50	32.9	66.4	1.4	0.04	0.000*	---	1.31	0.001
19869	28056	68111	50	383.1	325.5	1.4	0.04	0.000*	---	5.67	11.333
19870	28057	68111	50	269.9	241.7	1.4	0.04	0.000*	---	4.34	3.788
19871	28058	68111	50	96.4	113.4	1.4	0.04	0.000*	---	2.16	0.055
19872	28059	68111	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.593
19873	28062	68111	50	178	173.7	1.4	0.04	0.000*	---	3.21	0.779
19874	28063	68111	50	335.2	290	1.4	0.04	0.000*	---	5.11	7.676
19875	28064	68111	50	149.1	152.3	1.4	0.04	0.000*	---	2.84	0.371
19876	28065	68111	50	678.7	544.2	1.4	0.04	0.000*	---	8.81	39.401
19877	28066	68111	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.436
19878	28069	68111	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
19879	28072	68111	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
19880	28076	68111	50	480.1	397.3	1.4	0.04	0.000*	---	6.75	20.107
19881	28078	68111	50	102.9	118.1	1.4	0.04	0.000*	---	2.24	0.073
19882	28079	68111	50	38.1	70.2	1.4	0.04	0.000*	---	1.38	0.001
19883	28082	68111	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.231
19884	28083	68111	50	441.6	368.8	1.4	0.04	0.000*	---	6.32	16.457
19885	28084	68111	50	521.7	428	1.4	0.04	0.000*	---	7.19	24.159

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19886	28094	68111	50	273	244	1.4	0.04	0.000*	---	4.38	3.938
19887	28096	68111	50	376.9	320.9	1.4	0.04	0.000*	---	5.59	10.825
19888	28097	68111	50	318.5	277.7	1.4	0.04	0.000*	---	4.92	6.556
19889	28099	68111	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575
19890	28100	68111	50	199.3	189.5	1.4	0.04	0.000*	---	3.48	1.228
19891	28102	68111	50	38.8	70.7	1.4	0.04	0.000*	---	1.39	0.001
19892	28103	68111	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.87
19893	28104	68111	50	312.3	273.1	1.4	0.04	0.000*	---	4.85	6.157
19894	28105	68111	50	293.3	259	1.4	0.04	0.000*	---	4.62	5.022
19895	28107	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.421
19896	28108	68111	50	165.1	164.2	1.4	0.04	0.000*	---	3.05	0.571
19897	28109	68111	50	642.1	517.2	1.4	0.04	0.000*	---	8.45	35.96
19898	28110	68111	50	420.1	352.9	1.4	0.04	0.000*	---	6.08	14.505
19899	28111	68111	50	520.9	427.5	1.4	0.04	0.000*	---	7.18	24.087
19900	28112	68111	50	27.6	62.4	1.4	0.04	0.000*	---	1.23	0
19901	28114	68111	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.765
19902	28119	68111	50	97.6	114.2	1.4	0.04	0.000*	---	2.17	0.058
19903	28121	68111	50	48.7	78.1	1.4	0.04	0.000*	---	1.52	0.003
19904	28122	68111	50	268.5	240.7	1.4	0.04	0.000*	---	4.32	3.719
19905	28125	68111	50	43.3	74	1.4	0.04	0.000*	---	1.45	0.002
19906	28126	68111	50	151.7	154.3	1.4	0.04	0.000*	---	2.87	0.4
19907	28128	68111	50	128.6	137.1	1.4	0.04	0.000*	---	2.58	0.196
19908	28129	68111	50	39.8	71.5	1.4	0.04	0.000*	---	1.4	0.001
19909	28131	68111	50	371.6	317	1.4	0.04	0.000*	---	5.53	10.404
19910	28133	68111	50	135.3	142.1	1.4	0.04	0.000*	---	2.66	0.244
19911	28135	68111	50	325.6	283	1.4	0.04	0.000*	---	5	7.022
19912	28138	68111	50	371.5	316.9	1.4	0.04	0.000*	---	5.53	10.391
19913	28139	68111	50	42.9	73.8	1.4	0.04	0.000*	---	1.44	0.002
19914	28140	68111	50	49.6	78.7	1.4	0.04	0.000*	---	1.53	0.003
19915	28141	68111	50	252.1	228.6	1.4	0.04	0.000*	---	4.13	2.98
19916	28142	68111	50	92.8	110.6	1.4	0.04	0.000*	---	2.11	0.046
19917	28143	68111	50	788.6	625.6	1.4	0.04	0.000*	---	9.89	49.019
19918	28144	68111	50	798.3	632.7	1.4	0.04	0.000*	---	9.98	49.804
19919	28146	68111	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
19920	28147	68111	50	204	193	1.4	0.04	0.000*	---	3.53	1.345
19921	28148	68111	50	89.4	108.1	1.4	0.04	0.000*	---	2.06	0.039
19922	28149	68111	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
19923	28153	68111	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
19924	28154	68111	50	71.7	95.1	1.4	0.04	0.000*	---	1.83	0.015
19925	28156	68111	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.675
19926	28157	68111	50	68.6	92.7	1.4	0.04	0.000*	---	1.79	0.012
19927	28159	68111	50	72.4	95.6	1.4	0.04	0.000*	---	1.84	0.016
19928	28160	68111	50	277.5	247.3	1.4	0.04	0.000*	---	4.43	4.166
19929	28162	68111	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.437
19930	28169	68111	50	212.4	199.2	1.4	0.04	0.000*	---	3.64	1.575
19931	28170	68111	50	327.9	284.7	1.4	0.04	0.000*	---	5.03	7.179
19932	28172	68111	50	198.4	188.8	1.4	0.04	0.000*	---	3.46	1.205
19933	28174	68111	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.196
19934	28176	68111	50	384.1	326.3	1.4	0.04	0.000*	---	5.68	11.417
19935	28177	68111	50	418.7	351.8	1.4	0.04	0.000*	---	6.07	14.379
19936	28179	68111	50	49	78.3	1.4	0.04	0.000*	---	1.52	0.003
19937	28181	68111	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
19938	28182	68111	50	250	227	1.4	0.04	0.000*	---	4.1	2.892
19939	28185	68111	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
19940	28186	68111	50	54.3	82.2	1.4	0.04	0.000*	---	1.6	0.005
19941	28187	68111	50	149.8	152.8	1.4	0.04	0.000*	---	2.85	0.378
19942	28188	68111	50	282.8	251.2	1.4	0.04	0.000*	---	4.49	4.442
19943	28190	68111	50	735.1	586	1.4	0.04	0.000*	---	9.37	44.488
19944	28191	68111	50	539	440.9	1.4	0.04	0.000*	---	7.38	25.873
19945	28193	68111	50	361.4	309.4	1.4	0.04	0.000*	---	5.42	9.601
19946	28196	68111	50	268.6	240.8	1.4	0.04	0.000*	---	4.32	3.726

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
19947	28197	68111	50	289.7	256.4	1.4	0.04	0.000*	---	4.58	4.818
19948	28202	68111	50	746.6	594.5	1.4	0.04	0.000*	---	9.48	45.485
19949	28204	68111	50	99.7	115.8	1.4	0.04	0.000*	---	2.2	0.064
19950	28206	68111	50	248.6	225.9	1.4	0.04	0.000*	---	4.08	2.831
19951	28212	68111	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.505
19952	28214	68111	50	276.2	246.4	1.4	0.04	0.000*	---	4.42	4.104
19953	28216	68111	50	232.5	214.1	1.4	0.04	0.000*	---	3.89	2.216
19954	28217	68111	50	85.4	105.2	1.4	0.04	0.000*	---	2.01	0.032
19955	28218	68111	50	312.6	273.4	1.4	0.04	0.000*	---	4.85	6.178
19956	28219	68111	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.524
19957	28220	68111	50	431	360.9	1.4	0.04	0.000*	---	6.2	15.488
19958	28222	68111	50	215.2	201.3	1.4	0.04	0.000*	---	3.67	1.656
19959	28223	68111	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.313
19960	28227	68111	50	218.9	204	1.4	0.04	0.000*	---	3.72	1.767
19961	28228	68111	50	289.7	256.4	1.4	0.04	0.000*	---	4.58	4.82
19962	28236	68111	50	508	417.9	1.4	0.04	0.000*	---	7.05	22.814
19963	28237	68111	50	220.5	205.2	1.4	0.04	0.000*	---	3.74	1.816
19964	28241	68111	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.976
19965	28247	68111	50	264.3	237.6	1.4	0.04	0.000*	---	4.27	3.523
19966	28254	68111	50	418.4	351.6	1.4	0.04	0.000*	---	6.06	14.358
19967	28269	68111	50	394.6	334	1.4	0.04	0.000*	---	5.8	12.294
19968	28270	68111	50	392.7	332.6	1.4	0.04	0.000*	---	5.77	12.129
19969	28272	68111	50	416.1	349.9	1.4	0.04	0.000*	---	6.04	14.151
19970	28273	68111	50	339.8	293.5	1.4	0.04	0.000*	---	5.17	8.003
19971	28277	68111	50	270.8	242.4	1.4	0.04	0.000*	---	4.35	3.834
19972	28280	68111	50	707.7	565.7	1.4	0.04	0.000*	---	9.1	42.054
19973	28281	68111	50	404.1	341	1.4	0.04	0.000*	---	5.9	13.098
19974	28283	68111	50	111	124.2	1.4	0.04	0.000*	---	2.35	0.103
19975	28284	68111	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
19976	28285	68111	50	354.8	304.6	1.4	0.04	0.000*	---	5.34	9.103
19977	28286	68111	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.508
19978	28287	68111	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.338
19979	28288	68111	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
19980	28289	68111	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.695
19981	28291	68111	50	278.1	247.8	1.4	0.04	0.000*	---	4.44	4.198
19982	28294	68111	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
19983	28295	68111	50	516.3	424	1.4	0.04	0.000*	---	7.13	23.629
19984	28296	68111	50	251.4	228	1.4	0.04	0.000*	---	4.12	2.948
19985	28297	68111	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.585
19986	28299	68111	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.273
19987	28300	68111	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.059
19988	28301	68111	50	294.5	260	1.4	0.04	0.000*	---	4.64	5.092
19989	28302	68111	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
19990	28303	68111	50	295.6	260.7	1.4	0.04	0.000*	---	4.65	5.15
19991	28305	68111	50	106.9	121.1	1.4	0.04	0.000*	---	2.3	0.087
19992	28307	68111	50	627.4	506.3	1.4	0.04	0.000*	---	8.3	34.55
19993	28308	68111	50	404.2	341.1	1.4	0.04	0.000*	---	5.9	13.111
19994	28310	68111	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
19995	28311	68111	50	192.1	184.2	1.4	0.04	0.000*	---	3.39	1.061
19996	28312	68111	50	398.4	336.8	1.4	0.04	0.000*	---	5.84	12.609
19997	28313	68111	50	272.6	243.8	1.4	0.04	0.000*	---	4.37	3.923
19998	28314	68111	50	197.5	188.2	1.4	0.04	0.000*	---	3.45	1.185
19999	28315	68111	50	139.1	144.9	1.4	0.04	0.000*	---	2.71	0.276
20000	28316	68111	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.981
20001	28317	68111	50	63.4	88.9	1.4	0.04	0.000*	---	1.72	0.009
20002	28318	68111	50	763.1	606.7	1.4	0.04	0.000*	---	9.64	46.897
20003	28319	68111	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
20004	28320	68111	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
20005	28321	68111	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
20006	28322	68111	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
20007	28324	68111	50	157	158.2	1.4	0.04	0.000*	---	2.94	0.463

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20008	28327	68111	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.274
20009	28329	68111	50	362.3	310.1	1.4	0.04	0.000*	---	5.43	9.676
20010	28330	68111	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
20011	28331	68111	50	460.9	383	1.4	0.04	0.000*	---	6.53	18.263
20012	28333	68111	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
20013	28338	68111	50	224.1	207.9	1.4	0.04	0.000*	---	3.78	1.932
20014	28344	68111	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
20015	28346	68111	50	629.5	507.8	1.4	0.04	0.000*	---	8.32	34.747
20016	28348	68111	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.983
20017	28353	68111	50	277.6	247.4	1.4	0.04	0.000*	---	4.43	4.173
20018	28356	68111	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.903
20019	28359	68111	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.51
20020	28361	68111	50	156.4	157.8	1.4	0.04	0.000*	---	2.94	0.455
20021	28364	68111	50	298.9	263.2	1.4	0.04	0.000*	---	4.69	5.346
20022	28366	68111	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
20023	28367	68111	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.177
20024	28368	68111	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.603
20025	28371	68111	50	201.2	190.9	1.4	0.04	0.000*	---	3.5	1.275
20026	28372	68111	50	163.7	163.2	1.4	0.04	0.000*	---	3.03	0.551
20027	28373	68111	50	424.6	356.2	1.4	0.04	0.000*	---	6.13	14.915
20028	28375	68111	50	348.6	300	1.4	0.04	0.000*	---	5.27	8.639
20029	28377	68111	50	437.7	365.9	1.4	0.04	0.000*	---	6.28	16.103
20030	28379	68111	50	387.5	328.8	1.4	0.04	0.000*	---	5.71	11.695
20031	28382	68111	50	421	353.5	1.4	0.04	0.000*	---	6.09	14.585
20032	28383	68111	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.285
20033	28384	68111	50	201.3	191	1.4	0.04	0.000*	---	3.5	1.277
20034	28385	68111	50	230.4	212.5	1.4	0.04	0.000*	---	3.86	2.143
20035	28386	68111	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.437
20036	28389	68111	50	422	354.3	1.4	0.04	0.000*	---	6.1	14.679
20037	28390	68111	50	329.3	285.6	1.4	0.04	0.000*	---	5.04	7.268
20038	28395	68111	50	43.5	74.2	1.4	0.04	0.000*	---	1.45	0.002
20039	28397	68111	50	368.6	314.8	1.4	0.04	0.000*	---	5.5	10.166
20040	28398	68111	50	373.7	318.5	1.4	0.04	0.000*	---	5.56	10.567
20041	28402	68111	50	95.1	112.4	1.4	0.04	0.000*	---	2.14	0.052
20042	28406	68111	50	37.1	69.4	1.4	0.04	0.000*	---	1.36	0.001
20043	28407	68111	50	46.9	76.7	1.4	0.04	0.000*	---	1.5	0.003
20044	28408	68111	50	272.5	243.6	1.4	0.04	0.000*	---	4.37	3.915
20045	28411	68111	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
20046	28412	68111	50	58.3	85.1	1.4	0.04	0.000*	---	1.65	0.006
20047	28413	68111	50	183.4	177.8	1.4	0.04	0.000*	---	3.28	0.881
20048	28416	68111	50	344	296.6	1.4	0.04	0.000*	---	5.22	8.305
20049	28417	68111	50	307.1	269.3	1.4	0.04	0.000*	---	4.78	5.835
20050	28419	68111	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.348
20051	28420	68111	50	197.8	188.4	1.4	0.04	0.000*	---	3.46	1.191
20052	28422	68111	50	116.8	128.5	1.4	0.04	0.000*	---	2.43	0.129
20053	28423	68111	50	145.8	149.9	1.4	0.04	0.000*	---	2.8	0.338
20054	28424	68111	50	492.1	406.1	1.4	0.04	0.000*	---	6.87	21.263
20055	28426	68111	50	89.4	108.2	1.4	0.04	0.000*	---	2.07	0.04
20056	28427	68111	50	63.7	89.2	1.4	0.04	0.000*	---	1.72	0.009
20057	28429	68111	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
20058	28430	68111	50	94.7	112.1	1.4	0.04	0.000*	---	2.14	0.051
20059	28432	68111	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.176
20060	28434	68111	50	85.2	105.1	1.4	0.04	0.000*	---	2.01	0.032
20061	28435	68111	50	204.1	193	1.4	0.04	0.000*	---	3.54	1.347
20062	28436	68111	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.017
20063	28437	68111	50	217.8	203.1	1.4	0.04	0.000*	---	3.7	1.731
20064	28448	68111	50	528.7	433.2	1.4	0.04	0.000*	---	7.27	24.851
20065	28457	68111	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.007
20066	28462	68111	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.925
20067	28466	68111	50	478.8	396.3	1.4	0.04	0.000*	---	6.73	19.975
20068	28467	68111	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.664

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20069	28468	68111	50	237.9	218.1	1.4	0.04	0.000*	---	3.95	2.413
20070	28469	68111	50	325.5	282.9	1.4	0.04	0.000*	---	5	7.013
20071	28470	68111	50	225.9	209.2	1.4	0.04	0.000*	---	3.81	1.99
20072	28471	68111	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.522
20073	28473	68111	50	186.7	180.2	1.4	0.04	0.000*	---	3.32	0.946
20074	28475	68111	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.926
20075	28477	68111	50	186.3	179.9	1.4	0.04	0.000*	---	3.31	0.937
20076	28479	68111	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
20077	28495	68111	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
20078	28497	68111	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.488
20079	28499	68111	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
20080	28500	68111	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
20081	28503	68111	50	519.8	426.7	1.4	0.04	0.000*	---	7.17	23.982
20082	28504	68111	50	141.5	146.7	1.4	0.04	0.000*	---	2.74	0.297
20083	28505	68111	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.656
20084	28506	68111	50	108.3	122.1	1.4	0.04	0.000*	---	2.31	0.092
20085	28507	68111	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.861
20086	28508	68111	50	328.8	285.3	1.4	0.04	0.000*	---	5.04	7.234
20087	28510	68111	50	243.9	222.5	1.4	0.04	0.000*	---	4.03	2.642
20088	28512	68111	50	423.6	355.5	1.4	0.04	0.000*	---	6.12	14.824
20089	28513	68111	50	131.7	139.4	1.4	0.04	0.000*	---	2.62	0.217
20090	28515	68111	50	234.1	215.2	1.4	0.04	0.000*	---	3.91	2.273
20091	28517	68111	50	168.2	166.5	1.4	0.04	0.000*	---	3.08	0.617
20092	28518	68111	50	94.2	111.7	1.4	0.04	0.000*	---	2.13	0.05
20093	28519	68111	50	105.6	120.1	1.4	0.04	0.000*	---	2.28	0.082
20094	28521	68111	50	557.7	454.7	1.4	0.04	0.000*	---	7.57	27.72
20095	28528	68111	50	274.2	244.9	1.4	0.04	0.000*	---	4.39	4.003
20096	28529	68111	50	251	227.7	1.4	0.04	0.000*	---	4.11	2.933
20097	28531	68111	50	290.4	256.9	1.4	0.04	0.000*	---	4.59	4.856
20098	28533	68111	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.689
20099	28534	68111	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.964
20100	28535	68111	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.207
20101	28536	68111	50	66.5	91.2	1.4	0.04	0.000*	---	1.76	0.011
20102	28537	68111	50	310.8	272	1.4	0.04	0.000*	---	4.83	6.063
20103	28538	68111	50	60.6	86.9	1.4	0.04	0.000*	---	1.68	0.007
20104	28539	68111	50	172.6	169.7	1.4	0.04	0.000*	---	3.14	0.687
20105	28540	68111	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
20106	28541	68111	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.898
20107	28542	68111	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
20108	28543	68111	50	109	122.7	1.4	0.04	0.000*	---	2.32	0.095
20109	28544	68111	50	198.2	188.6	1.4	0.04	0.000*	---	3.46	1.2
20110	28547	68111	50	149.8	152.8	1.4	0.04	0.000*	---	2.85	0.378
20111	28549	68111	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.263
20112	28551	68111	50	30.4	64.5	1.4	0.04	0.000*	---	1.27	0.001
20113	28552	68111	50	123.2	133.1	1.4	0.04	0.000*	---	2.51	0.162
20114	28553	68111	50	990.8	775.2	1.4	0.04	0.000*	---	11.74	63.354
20115	28554	68111	50	198	188.5	1.4	0.04	0.000*	---	3.46	1.197
20116	28555	68111	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
20117	28556	68111	50	43.7	74.3	1.4	0.04	0.000*	---	1.45	0.002
20118	28557	68111	50	89.2	108	1.4	0.04	0.000*	---	2.06	0.039
20119	28558	68111	50	83.3	103.6	1.4	0.04	0.000*	---	1.98	0.029
20120	28559	68111	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
20121	28560	68111	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
20122	28561	68111	50	51.6	80.2	1.4	0.04	0.000*	---	1.56	0.004
20123	28563	68111	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.523
20124	28565	68111	50	115.9	127.7	1.4	0.04	0.000*	---	2.41	0.124
20125	28568	68111	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
20126	28569	68111	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.988
20127	28570	68111	50	21.9	58.2	1.4	0.04	0.000*	---	1.16	0
20128	28571	68111	50	129.5	137.8	1.4	0.04	0.000*	---	2.59	0.202
20129	28573	68111	50	125.4	134.8	1.4	0.04	0.000*	---	2.54	0.175

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20130	28575	68111	50	97.1	113.8	1.4	0.04	0.000*	---	2.17	0.057
20131	28581	68111	50	55.1	82.8	1.4	0.04	0.000*	---	1.61	0.005
20132	28583	68111	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.129
20133	28586	68111	50	141	146.4	1.4	0.04	0.000*	---	2.74	0.293
20134	28587	68111	50	369.9	315.7	1.4	0.04	0.000*	---	5.51	10.263
20135	28589	68111	50	109.6	123.1	1.4	0.04	0.000*	---	2.33	0.097
20136	28594	68111	50	273.3	244.3	1.4	0.04	0.000*	---	4.38	3.957
20137	28597	68111	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.842
20138	28598	68111	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
20139	28599	68111	50	262.6	236.3	1.4	0.04	0.000*	---	4.25	3.442
20140	28601	68111	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.926
20141	28602	68111	50	92.1	110.2	1.4	0.04	0.000*	---	2.1	0.045
20142	28604	68111	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
20143	28605	68111	50	153.3	155.4	1.4	0.04	0.000*	---	2.9	0.418
20144	28606	68111	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.868
20145	28607	68111	50	318.6	277.8	1.4	0.04	0.000*	---	4.92	6.559
20146	28608	68111	50	299.4	263.6	1.4	0.04	0.000*	---	4.69	5.373
20147	28609	68111	50	361.7	309.6	1.4	0.04	0.000*	---	5.42	9.624
20148	28610	68111	50	169.9	167.8	1.4	0.04	0.000*	---	3.11	0.644
20149	28611	68111	50	386.9	328.3	1.4	0.04	0.000*	---	5.71	11.641
20150	28612	68111	50	213.7	200.1	1.4	0.04	0.000*	---	3.65	1.611
20151	28613	68111	50	137.7	143.9	1.4	0.04	0.000*	---	2.69	0.264
20152	28614	68111	50	201	190.8	1.4	0.04	0.000*	---	3.5	1.27
20153	28615	68111	50	172.1	169.3	1.4	0.04	0.000*	---	3.13	0.678
20154	28616	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.68	0.257
20155	28618	68111	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.736
20156	28621	68111	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
20157	28622	68111	50	275.5	245.9	1.4	0.04	0.000*	---	4.41	4.067
20158	28623	68111	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.349
20159	28625	68111	50	112.9	125.6	1.4	0.04	0.000*	---	2.37	0.111
20160	28626	68111	50	166.4	165.1	1.4	0.04	0.000*	---	3.06	0.589
20161	28627	68111	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.539
20162	28628	68111	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
20163	28629	68111	50	264.4	237.7	1.4	0.04	0.000*	---	4.27	3.528
20164	28630	68111	50	376.8	320.8	1.4	0.04	0.000*	---	5.59	10.816
20165	28631	68111	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.595
20166	28632	68111	50	218.6	203.7	1.4	0.04	0.000*	---	3.71	1.755
20167	28633	68111	50	281.2	250.1	1.4	0.04	0.000*	---	4.48	4.358
20168	28634	68111	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.831
20169	28635	68111	50	50.3	79.2	1.4	0.04	0.000*	---	1.54	0.003
20170	28637	68111	50	78	99.7	1.4	0.04	0.000*	---	1.91	0.022
20171	28638	68111	50	228.7	211.3	1.4	0.04	0.000*	---	3.84	2.085
20172	28639	68111	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.136
20173	28640	68111	50	30.5	64.6	1.4	0.04	0.000*	---	1.27	0.001
20174	28641	68111	50	242.6	221.5	1.4	0.04	0.000*	---	4.01	2.591
20175	28642	68111	50	109.4	122.9	1.4	0.04	0.000*	---	2.33	0.096
20176	28643	68111	50	215.2	201.2	1.4	0.04	0.000*	---	3.67	1.654
20177	28648	68111	50	191.7	183.8	1.4	0.04	0.000*	---	3.38	1.051
20178	28650	68111	50	282.7	251.2	1.4	0.04	0.000*	---	4.49	4.439
20179	28653	68111	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
20180	28655	68111	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.782
20181	28656	68111	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
20182	28659	68111	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
20183	28661	68111	50	119.7	130.6	1.4	0.04	0.000*	---	2.46	0.143
20184	28665	68111	50	343.2	296	1.4	0.04	0.000*	---	5.21	8.247
20185	28668	68111	50	222.1	206.4	1.4	0.04	0.000*	---	3.76	1.867
20186	28671	68111	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.491
20187	28674	68111	50	573.5	466.4	1.4	0.04	0.000*	---	7.74	29.279
20188	28675	68111	50	191.1	183.4	1.4	0.04	0.000*	---	3.37	1.04
20189	28677	68111	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064
20190	28679	68111	50	125.3	134.7	1.4	0.04	0.000*	---	2.53	0.175

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20191	28685	68111	50	152.8	155.1	1.4	0.04	0.000*	---	2.89	0.412
20192	28688	68111	50	159.8	160.2	1.4	0.04	0.000*	---	2.98	0.498
20193	28690	68111	50	41.3	72.6	1.4	0.04	0.000*	---	1.42	0.002
20194	28691	68111	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.171
20195	28692	68111	50	93.1	110.9	1.4	0.04	0.000*	---	2.11	0.047
20196	28694	68111	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
20197	28709	68111	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.57
20198	28712	68111	50	590.6	479	1.4	0.04	0.000*	---	7.92	30.965
20199	28713	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
20200	28716	68111	50	228.8	211.3	1.4	0.04	0.000*	---	3.84	2.086
20201	28720	68111	50	560.4	456.7	1.4	0.04	0.000*	---	7.6	27.987
20202	28722	68111	50	239.5	219.2	1.4	0.04	0.000*	---	3.97	2.472
20203	28723	68111	50	265	238.1	1.4	0.04	0.000*	---	4.28	3.555
20204	28725	68111	50	208.9	196.6	1.4	0.04	0.000*	---	3.59	1.475
20205	28728	68111	50	60.4	86.7	1.4	0.04	0.000*	---	1.68	0.007
20206	28730	68111	50	316.5	276.2	1.4	0.04	0.000*	---	4.89	6.424
20207	28732	68111	50	235.2	216.1	1.4	0.04	0.000*	---	3.92	2.314
20208	28735	68111	50	284.4	252.5	1.4	0.04	0.000*	---	4.51	4.53
20209	28736	68111	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
20210	28737	68111	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.493
20211	28739	68111	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.412
20212	28740	68111	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.005
20213	28741	68111	50	172	169.3	1.4	0.04	0.000*	---	3.13	0.676
20214	28744	68111	50	131.1	139.1	1.4	0.04	0.000*	---	2.61	0.214
20215	28745	68111	50	35.8	68.5	1.4	0.04	0.000*	---	1.35	0.001
20216	28746	68111	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.829
20217	28747	68111	50	91.9	110	1.4	0.04	0.000*	---	2.1	0.045
20218	28748	68111	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.07
20219	28749	68111	50	125.6	135	1.4	0.04	0.000*	---	2.54	0.177
20220	28750	68111	50	223.3	207.2	1.4	0.04	0.000*	---	3.77	1.905
20221	28752	68111	50	449.3	374.5	1.4	0.04	0.000*	---	6.41	17.18
20222	28753	68111	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
20223	28754	68111	50	396.9	335.7	1.4	0.04	0.000*	---	5.82	12.48
20224	28755	68111	50	295.1	260.4	1.4	0.04	0.000*	---	4.64	5.121
20225	28757	68111	50	366.4	313.1	1.4	0.04	0.000*	---	5.47	9.993
20226	28758	68111	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.592
20227	28759	68111	50	30.5	64.6	1.4	0.04	0.000*	---	1.27	0.001
20228	28760	68111	50	294.8	260.1	1.4	0.04	0.000*	---	4.64	5.105
20229	28762	68111	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.796
20230	28763	68111	50	42.8	73.7	1.4	0.04	0.000*	---	1.44	0.002
20231	28764	68111	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
20232	28766	68111	50	200.4	190.3	1.4	0.04	0.000*	---	3.49	1.255
20233	28767	68111	50	243.4	222.1	1.4	0.04	0.000*	---	4.02	2.623
20234	28768	68111	50	60.1	86.5	1.4	0.04	0.000*	---	1.68	0.007
20235	28770	68111	50	271.4	242.9	1.4	0.04	0.000*	---	4.36	3.864
20236	28771	68111	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.265
20237	28772	68111	50	234.4	215.4	1.4	0.04	0.000*	---	3.91	2.283
20238	28773	68111	50	68.2	92.5	1.4	0.04	0.000*	---	1.78	0.012
20239	28775	68111	50	90.1	108.7	1.4	0.04	0.000*	---	2.07	0.041
20240	28776	68111	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
20241	28777	68111	50	97.1	113.9	1.4	0.04	0.000*	---	2.17	0.057
20242	28778	68111	50	104.1	119.1	1.4	0.04	0.000*	---	2.26	0.078
20243	28781	68111	50	543.9	444.5	1.4	0.04	0.000*	---	7.43	26.36
20244	28782	68111	50	135	141.9	1.4	0.04	0.000*	---	2.66	0.242
20245	28783	68111	50	324.1	281.8	1.4	0.04	0.000*	---	4.98	6.921
20246	28784	68111	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
20247	28785	68111	50	153	155.2	1.4	0.04	0.000*	---	2.89	0.414
20248	28786	68111	50	181.3	176.1	1.4	0.04	0.000*	---	3.25	0.839
20249	28787	68111	50	328	284.8	1.4	0.04	0.000*	---	5.03	7.186
20250	28790	68111	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.264
20251	28792	68111	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20252	28793	68111	50	405.1	341.8	1.4	0.04	0.000*	---	5.91	13.187
20253	28796	68111	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.787
20254	28798	68111	50	413.5	348	1.4	0.04	0.000*	---	6.01	13.923
20255	28799	68111	50	313.7	274.2	1.4	0.04	0.000*	---	4.86	6.248
20256	28800	68111	50	228.7	211.2	1.4	0.04	0.000*	---	3.84	2.083
20257	28804	68111	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.463
20258	28806	68111	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.043
20259	28809	68111	50	129.9	138.2	1.4	0.04	0.000*	---	2.6	0.205
20260	28810	68111	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.539
20261	28811	68111	50	177.4	173.2	1.4	0.04	0.000*	---	3.2	0.768
20262	28812	68111	50	143.3	148	1.4	0.04	0.000*	---	2.77	0.313
20263	28814	68111	50	209.9	197.3	1.4	0.04	0.000*	---	3.61	1.504
20264	28816	68111	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.166
20265	28818	68111	50	243.2	222	1.4	0.04	0.000*	---	4.02	2.617
20266	28819	68111	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.203
20267	28821	68111	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
20268	28822	68111	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.182
20269	28825	68111	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.842
20270	28826	68111	50	148.9	152.2	1.4	0.04	0.000*	---	2.84	0.37
20271	28828	68111	50	177.9	173.7	1.4	0.04	0.000*	---	3.21	0.778
20272	28829	68111	50	320.4	279.1	1.4	0.04	0.000*	---	4.94	6.673
20273	28831	68111	50	294.2	259.7	1.4	0.04	0.000*	---	4.63	5.071
20274	28834	68111	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
20275	28835	68111	50	140.8	146.2	1.4	0.04	0.000*	---	2.74	0.29
20276	28836	68111	50	464	385.4	1.4	0.04	0.000*	---	6.57	18.562
20277	28837	68111	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
20278	28840	68111	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
20279	28841	68111	50	441.6	368.8	1.4	0.04	0.000*	---	6.32	16.458
20280	28842	68111	50	144.9	149.2	1.4	0.04	0.000*	---	2.79	0.329
20281	28843	68111	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.677
20282	28844	68111	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.441
20283	28846	68111	50	327.9	284.7	1.4	0.04	0.000*	---	5.03	7.178
20284	28847	68111	50	249.4	226.5	1.4	0.04	0.000*	---	4.09	2.864
20285	28849	68111	50	87.7	106.9	1.4	0.04	0.000*	---	2.04	0.036
20286	28853	68111	50	93.6	111.2	1.4	0.04	0.000*	---	2.12	0.048
20287	28854	68111	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
20288	28856	68111	50	308.7	270.4	1.4	0.04	0.000*	---	4.8	5.93
20289	28858	68111	50	37.3	69.6	1.4	0.04	0.000*	---	1.37	0.001
20290	28864	68111	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.441
20291	28870	68111	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
20292	28871	68111	50	213.1	199.6	1.4	0.04	0.000*	---	3.65	1.592
20293	28872	68111	50	184.3	178.4	1.4	0.04	0.000*	---	3.29	0.898
20294	28874	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
20295	28875	68111	50	248.2	225.7	1.4	0.04	0.000*	---	4.08	2.817
20296	28877	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
20297	28878	68111	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
20298	28879	68111	50	708.2	566	1.4	0.04	0.000*	---	9.11	42.097
20299	28880	68111	50	91.9	110	1.4	0.04	0.000*	---	2.1	0.045
20300	28881	68111	50	779.9	619.1	1.4	0.04	0.000*	---	9.8	48.302
20301	28882	68111	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.233
20302	28884	68111	50	153.6	155.7	1.4	0.04	0.000*	---	2.9	0.421
20303	28885	68111	50	115.6	127.6	1.4	0.04	0.000*	---	2.41	0.123
20304	28889	68111	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
20305	28892	68111	50	434	363.2	1.4	0.04	0.000*	---	6.24	15.763
20306	28893	68111	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.307
20307	28895	68111	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
20308	28896	68111	50	556.8	454	1.4	0.04	0.000*	---	7.56	27.629
20309	28900	68111	50	392.9	332.8	1.4	0.04	0.000*	---	5.78	12.149
20310	28901	68111	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.316
20311	28904	68111	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
20312	28906	68111	50	317.2	276.7	1.4	0.04	0.000*	---	4.9	6.466

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20313	28909	68111	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.581
20314	28911	68111	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.879
20315	28913	68111	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.194
20316	28914	68111	50	332.2	287.8	1.4	0.04	0.000*	---	5.08	7.468
20317	28917	68111	50	316.7	276.3	1.4	0.04	0.000*	---	4.9	6.434
20318	28920	68111	50	305.2	267.9	1.4	0.04	0.000*	---	4.76	5.72
20319	28922	68111	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.899
20320	28927	68111	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.41
20321	28928	68111	50	225.2	208.7	1.4	0.04	0.000*	---	3.8	1.968
20322	28930	68111	50	162.9	162.5	1.4	0.04	0.000*	---	3.02	0.539
20323	28933	68111	50	130.5	138.6	1.4	0.04	0.000*	---	2.6	0.209
20324	28935	68111	50	174.8	171.3	1.4	0.04	0.000*	---	3.17	0.723
20325	28936	68111	50	160.2	160.6	1.4	0.04	0.000*	---	2.98	0.503
20326	28939	68111	50	244.8	223.1	1.4	0.04	0.000*	---	4.04	2.678
20327	28942	68111	50	226	209.3	1.4	0.04	0.000*	---	3.81	1.994
20328	28943	68111	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.731
20329	28945	68111	50	389.2	330	1.4	0.04	0.000*	---	5.73	11.84
20330	28946	68111	50	385.5	327.3	1.4	0.04	0.000*	---	5.69	11.531
20331	28947	68111	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.366
20332	28949	68111	50	442.9	369.7	1.4	0.04	0.000*	---	6.34	16.579
20333	28950	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.95
20334	28951	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
20335	28954	68111	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
20336	28955	68111	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
20337	28956	68111	50	260	234.4	1.4	0.04	0.000*	---	4.22	3.322
20338	28957	68111	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.842
20339	28958	68111	50	102.2	117.7	1.4	0.04	0.000*	---	2.23	0.071
20340	28959	68111	50	254	229.9	1.4	0.04	0.000*	---	4.15	3.059
20341	28960	68111	50	186.3	179.9	1.4	0.04	0.000*	---	3.31	0.938
20342	28961	68111	50	122.8	132.8	1.4	0.04	0.000*	---	2.5	0.16
20343	28963	68111	50	120.2	131	1.4	0.04	0.000*	---	2.47	0.146
20344	28964	68111	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
20345	28965	68111	50	675.2	541.7	1.4	0.04	0.000*	---	8.78	39.081
20346	28966	68111	50	209	196.6	1.4	0.04	0.000*	---	3.6	1.478
20347	28967	68111	50	169.4	167.4	1.4	0.04	0.000*	---	3.1	0.636
20348	28968	68111	50	125.3	134.8	1.4	0.04	0.000*	---	2.54	0.175
20349	28969	68111	50	89.7	108.3	1.4	0.04	0.000*	---	2.07	0.04
20350	28970	68111	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.874
20351	28972	68111	50	303	266.2	1.4	0.04	0.000*	---	4.73	5.584
20352	28973	68111	50	407.5	343.6	1.4	0.04	0.000*	---	5.94	13.399
20353	28976	68111	50	278.5	248.1	1.4	0.04	0.000*	---	4.44	4.221
20354	28978	68111	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.279
20355	28979	68111	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.311
20356	28980	68111	50	249.8	226.8	1.4	0.04	0.000*	---	4.1	2.882
20357	28983	68111	50	112.1	124.9	1.4	0.04	0.000*	---	2.36	0.107
20358	28984	68111	50	157.5	158.5	1.4	0.04	0.000*	---	2.95	0.468
20359	28985	68111	50	100.3	116.3	1.4	0.04	0.000*	---	2.21	0.066
20360	28988	68111	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
20361	28989	68111	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
20362	28991	68111	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
20363	28992	68111	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
20364	28993	68111	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
20365	28994	68111	50	102.5	117.8	1.4	0.04	0.000*	---	2.24	0.072
20366	28996	68111	50	416.9	350.5	1.4	0.04	0.000*	---	6.05	14.218
20367	28997	68111	50	99.3	115.5	1.4	0.04	0.000*	---	2.2	0.063
20368	28998	68111	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
20369	29001	68111	50	269.7	241.6	1.4	0.04	0.000*	---	4.34	3.78
20370	29002	68111	50	78.5	100.1	1.4	0.04	0.000*	---	1.92	0.022
20371	29003	68111	50	241.6	220.8	1.4	0.04	0.000*	---	4	2.553
20372	29004	68111	50	151.8	154.3	1.4	0.04	0.000*	---	2.88	0.4
20373	29008	68111	50	395.7	334.8	1.4	0.04	0.000*	---	5.81	12.384

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20374	29009	68111	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.442
20375	29013	68111	50	145.8	149.9	1.4	0.04	0.000*	---	2.8	0.338
20376	29015	68111	50	80	101.2	1.4	0.04	0.000*	---	1.94	0.024
20377	29017	68111	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.282
20378	29023	68111	50	145	149.3	1.4	0.04	0.000*	---	2.79	0.329
20379	29025	68111	50	116.6	128.3	1.4	0.04	0.000*	---	2.42	0.128
20380	29031	68111	50	541.7	442.8	1.4	0.04	0.000*	---	7.41	26.137
20381	29033	68111	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
20382	29034	68111	50	56	83.5	1.4	0.04	0.000*	---	1.62	0.005
20383	29035	68111	50	235	215.9	1.4	0.04	0.000*	---	3.92	2.306
20384	29036	68111	50	29.4	63.7	1.4	0.04	0.000*	---	1.26	0.001
20385	29037	68111	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
20386	29039	68111	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.992
20387	29041	68111	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.353
20388	29046	68111	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
20389	29054	68111	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.425
20390	29056	68111	50	234.9	215.8	1.4	0.04	0.000*	---	3.92	2.302
20391	29061	68111	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
20392	29066	68111	50	387.6	328.8	1.4	0.04	0.000*	---	5.72	11.704
20393	29070	68111	50	251.8	228.4	1.4	0.04	0.000*	---	4.12	2.968
20394	29071	68111	50	254.7	230.5	1.4	0.04	0.000*	---	4.16	3.091
20395	29072	68111	50	167.2	165.8	1.4	0.04	0.000*	---	3.07	0.602
20396	29074	68111	50	603.2	488.4	1.4	0.04	0.000*	---	8.05	32.199
20397	29079	68111	50	195.9	186.9	1.4	0.04	0.000*	---	3.43	1.146
20398	29080	68111	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
20399	29081	68111	50	366.3	313	1.4	0.04	0.000*	---	5.47	9.98
20400	29082	68111	50	65	90.1	1.4	0.04	0.000*	---	1.74	0.01
20401	29083	68111	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.65
20402	29085	68111	50	74.9	97.4	1.4	0.04	0.000*	---	1.87	0.018
20403	29088	68111	50	244.2	222.7	1.4	0.04	0.000*	---	4.03	2.654
20404	29089	68111	50	299	263.3	1.4	0.04	0.000*	---	4.69	5.351
20405	29090	68111	50	346.7	298.6	1.4	0.04	0.000*	---	5.25	8.501
20406	29099	68111	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.1
20407	29101	68111	50	365.3	312.3	1.4	0.04	0.000*	---	5.46	9.904
20408	29102	68111	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
20409	29103	68111	50	239.1	218.9	1.4	0.04	0.000*	---	3.97	2.457
20410	29105	68111	50	251	227.8	1.4	0.04	0.000*	---	4.11	2.934
20411	29108	68111	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.022
20412	29109	68111	50	101.3	116.9	1.4	0.04	0.000*	---	2.22	0.068
20413	29111	68111	50	97.5	114.2	1.4	0.04	0.000*	---	2.17	0.058
20414	29114	68111	50	212.1	198.9	1.4	0.04	0.000*	---	3.63	1.565
20415	29116	68111	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.034
20416	29118	68111	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.824
20417	29119	68111	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
20418	29122	68111	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.203
20419	29123	68111	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.23
20420	29127	68111	50	296	261	1.4	0.04	0.000*	---	4.65	5.173
20421	29128	68111	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.08
20422	29133	68111	50	200.9	190.7	1.4	0.04	0.000*	---	3.5	1.267
20423	29136	68111	50	171	168.5	1.4	0.04	0.000*	---	3.12	0.66
20424	29138	68111	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.671
20425	29139	68111	50	119.7	130.6	1.4	0.04	0.000*	---	2.46	0.143
20426	29140	68111	50	401.8	339.4	1.4	0.04	0.000*	---	5.88	12.906
20427	29142	68111	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.519
20428	29143	68111	50	55.2	82.8	1.4	0.04	0.000*	---	1.61	0.005
20429	29144	68111	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.326
20430	29145	68111	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
20431	29146	68111	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.1
20432	29149	68111	50	214.2	200.5	1.4	0.04	0.000*	---	3.66	1.624
20433	29150	68111	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.629
20434	29152	68111	50	217.6	203.1	1.4	0.04	0.000*	---	3.7	1.728

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20435	29153	68111	50	465.9	386.7	1.4	0.04	0.000*	---	6.59	18.738
20436	29155	68111	50	85.3	105.2	1.4	0.04	0.000*	---	2.01	0.032
20437	29157	68111	50	211.3	198.3	1.4	0.04	0.000*	---	3.62	1.541
20438	29160	68111	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
20439	29162	68111	50	384.9	326.8	1.4	0.04	0.000*	---	5.69	11.478
20440	29163	68111	50	258.8	233.5	1.4	0.04	0.000*	---	4.21	3.271
20441	29165	68111	50	346	298	1.4	0.04	0.000*	---	5.24	8.446
20442	29167	68111	50	433.4	362.7	1.4	0.04	0.000*	---	6.23	15.708
20443	29168	68111	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
20444	29169	68111	50	494.6	408	1.4	0.04	0.000*	---	6.9	21.51
20445	29171	68111	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
20446	29172	68111	50	209.5	197	1.4	0.04	0.000*	---	3.6	1.491
20447	29173	68111	50	232.1	213.8	1.4	0.04	0.000*	---	3.88	2.204
20448	29174	68111	50	137.8	143.9	1.4	0.04	0.000*	---	2.7	0.264
20449	29175	68111	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.05
20450	29176	68111	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
20451	29177	68111	50	398.9	337.1	1.4	0.04	0.000*	---	5.84	12.651
20452	29178	68111	50	181.7	176.5	1.4	0.04	0.000*	---	3.26	0.847
20453	29179	68111	50	65.5	90.4	1.4	0.04	0.000*	---	1.75	0.01
20454	29180	68111	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
20455	29181	68111	50	404.7	341.5	1.4	0.04	0.000*	---	5.91	13.156
20456	29182	68111	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.822
20457	29183	68111	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
20458	29184	68111	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
20459	29185	68111	50	465.9	386.8	1.4	0.04	0.000*	---	6.59	18.739
20460	29186	68111	50	100.9	116.7	1.4	0.04	0.000*	---	2.22	0.068
20461	29187	68111	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
20462	29189	68111	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
20463	29190	68111	50	517.7	425.1	1.4	0.04	0.000*	---	7.15	23.767
20464	29191	68111	50	66	90.8	1.4	0.04	0.000*	---	1.75	0.011
20465	29195	68111	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
20466	29198	68111	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
20467	29200	68111	50	377.6	321.4	1.4	0.04	0.000*	---	5.6	10.88
20468	29201	68111	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
20469	29204	68111	50	103.6	118.7	1.4	0.04	0.000*	---	2.25	0.076
20470	29205	68111	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.961
20471	29206	68111	50	240.4	219.9	1.4	0.04	0.000*	---	3.98	2.509
20472	29208	68111	50	104	118.9	1.4	0.04	0.000*	---	2.26	0.077
20473	29209	68111	50	287.4	254.7	1.4	0.04	0.000*	---	4.55	4.694
20474	29211	68111	50	105.2	119.9	1.4	0.04	0.000*	---	2.27	0.081
20475	29214	68111	50	448.9	374.2	1.4	0.04	0.000*	---	6.4	17.142
20476	29216	68111	50	189.1	181.9	1.4	0.04	0.000*	---	3.35	0.996
20477	29217	68111	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.717
20478	29219	68111	50	160.5	160.8	1.4	0.04	0.000*	---	2.99	0.507
20479	29220	68111	50	232.5	214.1	1.4	0.04	0.000*	---	3.89	2.217
20480	29221	68111	50	574.7	467.3	1.4	0.04	0.000*	---	7.75	29.402
20481	29223	68111	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.592
20482	29239	68111	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
20483	29240	68111	50	200.4	190.3	1.4	0.04	0.000*	---	3.49	1.255
20484	29241	68111	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.682
20485	29242	68111	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.352
20486	29243	68111	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
20487	29244	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.95
20488	29245	68111	50	2058.8	1565.5	1.4	0.04	0.000*	---	19.7	92.538
20489	29246	68111	50	282.6	251.1	1.4	0.04	0.000*	---	4.49	4.432
20490	29247	68111	50	89.8	108.5	1.4	0.04	0.000*	---	2.07	0.04
20491	29248	68111	50	766.1	608.9	1.4	0.04	0.000*	---	9.67	47.151
20492	29250	68111	50	229.6	211.9	1.4	0.04	0.000*	---	3.85	2.114
20493	29251	68111	50	465.4	386.4	1.4	0.04	0.000*	---	6.58	18.694
20494	29252	68111	50	217.8	203.2	1.4	0.04	0.000*	---	3.71	1.734
20495	29253	68111	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.274

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20496	29254	68111	50	85.6	105.3	1.4	0.04	0.000*	---	2.01	0.033
20497	29255	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.158
20498	29258	68111	50	129.8	138.1	1.4	0.04	0.000*	---	2.59	0.204
20499	29259	68111	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.176
20500	29261	68111	50	173.3	170.3	1.4	0.04	0.000*	---	3.15	0.699
20501	29262	68111	50	106.9	121.1	1.4	0.04	0.000*	---	2.3	0.087
20502	29263	68111	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.623
20503	29264	68111	50	156.3	157.6	1.4	0.04	0.000*	---	2.93	0.453
20504	29265	68111	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.33
20505	29268	68111	50	161.9	161.9	1.4	0.04	0.000*	---	3.01	0.527
20506	29270	68111	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.367
20507	29272	68111	50	122.8	132.9	1.4	0.04	0.000*	---	2.5	0.16
20508	29274	68111	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.125
20509	29279	68111	50	104.4	119.2	1.4	0.04	0.000*	---	2.26	0.078
20510	29280	68111	50	247.1	224.8	1.4	0.04	0.000*	---	4.06	2.769
20511	29281	68111	50	388.8	329.7	1.4	0.04	0.000*	---	5.73	11.805
20512	29285	68111	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.991
20513	29286	68111	50	85.8	105.5	1.4	0.04	0.000*	---	2.02	0.033
20514	29291	68111	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.397
20515	29293	68111	50	471.3	390.8	1.4	0.04	0.000*	---	6.65	19.257
20516	29294	68111	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
20517	29299	68111	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
20518	29300	68111	50	184.8	178.8	1.4	0.04	0.000*	---	3.29	0.908
20519	29301	68111	50	386.4	327.9	1.4	0.04	0.000*	---	5.7	11.602
20520	29302	68111	50	216.3	202.1	1.4	0.04	0.000*	---	3.69	1.688
20521	29304	68111	50	139.4	145.2	1.4	0.04	0.000*	---	2.72	0.278
20522	29306	68111	50	142.6	147.5	1.4	0.04	0.000*	---	2.76	0.307
20523	29308	68111	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
20524	29309	68111	50	196.1	187.1	1.4	0.04	0.000*	---	3.44	1.152
20525	29311	68111	50	290.7	257.1	1.4	0.04	0.000*	---	4.59	4.874
20526	29313	68111	50	258.6	233.3	1.4	0.04	0.000*	---	4.2	3.26
20527	29314	68111	50	350.9	301.6	1.4	0.04	0.000*	---	5.3	8.808
20528	29316	68111	50	228.2	210.8	1.4	0.04	0.000*	---	3.83	2.066
20529	29317	68111	50	293.8	259.4	1.4	0.04	0.000*	---	4.63	5.05
20530	29318	68111	50	81	101.9	1.4	0.04	0.000*	---	1.95	0.026
20531	29321	68111	50	395.4	334.6	1.4	0.04	0.000*	---	5.8	12.357
20532	29322	68111	50	228.3	211	1.4	0.04	0.000*	---	3.83	2.071
20533	29325	68111	50	271.9	243.2	1.4	0.04	0.000*	---	4.36	3.886
20534	29328	68111	50	188.3	181.4	1.4	0.04	0.000*	---	3.34	0.98
20535	29331	68111	50	167.1	165.7	1.4	0.04	0.000*	---	3.07	0.601
20536	29333	68111	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
20537	29334	68111	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.023
20538	29335	68111	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.117
20539	29336	68111	50	77.1	99	1.4	0.04	0.000*	---	1.9	0.021
20540	29337	68111	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.112
20541	29339	68111	50	211.8	198.8	1.4	0.04	0.000*	---	3.63	1.558
20542	29342	68111	50	324.2	281.9	1.4	0.04	0.000*	---	4.98	6.927
20543	29343	68111	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.657
20544	29344	68111	50	166.2	165	1.4	0.04	0.000*	---	3.06	0.587
20545	29349	68111	50	370.9	316.5	1.4	0.04	0.000*	---	5.53	10.344
20546	29351	68111	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.528
20547	29354	68111	50	171.5	168.9	1.4	0.04	0.000*	---	3.13	0.669
20548	29355	68111	50	91.7	109.8	1.4	0.04	0.000*	---	2.09	0.044
20549	29357	68111	50	97.9	114.4	1.4	0.04	0.000*	---	2.18	0.059
20550	29358	68111	50	396.4	335.3	1.4	0.04	0.000*	---	5.82	12.44
20551	29362	68111	50	333.2	288.6	1.4	0.04	0.000*	---	5.09	7.542
20552	29364	68111	50	282	250.7	1.4	0.04	0.000*	---	4.49	4.403
20553	29366	68111	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
20554	29368	68111	50	213.7	200.1	1.4	0.04	0.000*	---	3.65	1.611
20555	29370	68111	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
20556	29373	68111	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20557	29375	68111	50	150	153	1.4	0.04	0.000*	---	2.85	0.381
20558	29377	68111	50	70.1	93.9	1.4	0.04	0.000*	---	1.81	0.014
20559	29378	68111	50	118.4	129.6	1.4	0.04	0.000*	---	2.45	0.137
20560	29379	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.158
20561	29380	68111	50	324.8	282.4	1.4	0.04	0.000*	---	4.99	6.969
20562	29381	68111	50	96.3	113.2	1.4	0.04	0.000*	---	2.16	0.055
20563	29383	68111	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
20564	29384	68111	50	55.6	83.2	1.4	0.04	0.000*	---	1.61	0.005
20565	29385	68111	50	495.9	408.9	1.4	0.04	0.000*	---	6.92	21.629
20566	29386	68111	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
20567	29391	68111	50	292.8	258.7	1.4	0.04	0.000*	---	4.61	4.995
20568	29394	68111	50	162.9	162.5	1.4	0.04	0.000*	---	3.02	0.539
20569	29395	68111	50	381.4	324.3	1.4	0.04	0.000*	---	5.65	11.193
20570	29396	68111	50	144.9	149.2	1.4	0.04	0.000*	---	2.79	0.329
20571	29397	68111	50	281.5	250.3	1.4	0.04	0.000*	---	4.48	4.374
20572	29400	68111	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.195
20573	29401	68111	50	271.1	242.6	1.4	0.04	0.000*	---	4.35	3.845
20574	29402	68111	50	640.6	516	1.4	0.04	0.000*	---	8.43	35.816
20575	29403	68111	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.658
20576	29404	68111	50	182.3	176.9	1.4	0.04	0.000*	---	3.26	0.859
20577	29405	68111	50	91	109.3	1.4	0.04	0.000*	---	2.09	0.043
20578	29406	68111	50	350.3	301.2	1.4	0.04	0.000*	---	5.29	8.762
20579	29408	68111	50	68.5	92.7	1.4	0.04	0.000*	---	1.79	0.012
20580	29409	68111	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008
20581	29411	68111	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.924
20582	29413	68111	50	280.9	249.9	1.4	0.04	0.000*	---	4.47	4.345
20583	29416	68111	50	79	100.4	1.4	0.04	0.000*	---	1.93	0.023
20584	29417	68111	50	56.2	83.6	1.4	0.04	0.000*	---	1.62	0.005
20585	29418	68111	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.492
20586	29419	68111	50	265.1	238.2	1.4	0.04	0.000*	---	4.28	3.559
20587	29420	68111	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
20588	29425	68111	50	225.1	208.5	1.4	0.04	0.000*	---	3.79	1.962
20589	29427	68111	50	333	288.4	1.4	0.04	0.000*	---	5.09	7.523
20590	29428	68111	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
20591	29429	68111	50	384.5	326.5	1.4	0.04	0.000*	---	5.68	11.447
20592	29430	68111	50	89	107.8	1.4	0.04	0.000*	---	2.06	0.039
20593	29431	68111	50	355.5	305.1	1.4	0.04	0.000*	---	5.35	9.157
20594	29432	68111	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.598
20595	29433	68111	50	369.3	315.3	1.4	0.04	0.000*	---	5.51	10.223
20596	29434	68111	50	114.3	126.6	1.4	0.04	0.000*	---	2.39	0.117
20597	29436	68111	50	169.8	167.7	1.4	0.04	0.000*	---	3.11	0.642
20598	29438	68111	50	277.3	247.2	1.4	0.04	0.000*	---	4.43	4.157
20599	29440	68111	50	138.7	144.6	1.4	0.04	0.000*	---	2.71	0.272
20600	29441	68111	50	311.9	272.8	1.4	0.04	0.000*	---	4.84	6.129
20601	29442	68111	50	77.5	99.3	1.4	0.04	0.000*	---	1.91	0.021
20602	29444	68111	50	45.8	75.9	1.4	0.04	0.000*	---	1.48	0.002
20603	29445	68111	50	238.2	218.3	1.4	0.04	0.000*	---	3.96	2.423
20604	29446	68111	50	141.7	146.9	1.4	0.04	0.000*	---	2.75	0.299
20605	29449	68111	50	185.9	179.6	1.4	0.04	0.000*	---	3.31	0.93
20606	29450	68111	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
20607	29451	68111	50	78.7	100.2	1.4	0.04	0.000*	---	1.92	0.023
20608	29454	68111	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.591
20609	29455	68111	50	346.9	298.7	1.4	0.04	0.000*	---	5.25	8.517
20610	29456	68111	50	113.3	125.8	1.4	0.04	0.000*	---	2.38	0.112
20611	29457	68111	50	262.1	236	1.4	0.04	0.000*	---	4.25	3.421
20612	29459	68111	50	458.1	381	1.4	0.04	0.000*	---	6.5	18.005
20613	29460	68111	50	204.9	193.6	1.4	0.04	0.000*	---	3.54	1.368
20614	29461	68111	50	442.1	369.2	1.4	0.04	0.000*	---	6.33	16.51
20615	29462	68111	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.792
20616	29463	68111	50	199.7	189.8	1.4	0.04	0.000*	---	3.48	1.236
20617	29464	68111	50	481.4	398.3	1.4	0.04	0.000*	---	6.76	20.229

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20618	29465	68111	50	486.2	401.8	1.4	0.04	0.000*	---	6.81	20.689
20619	29466	68111	50	356.4	305.7	1.4	0.04	0.000*	---	5.36	9.22
20620	29467	68111	50	346.4	298.3	1.4	0.04	0.000*	---	5.24	8.475
20621	29469	68111	50	195.5	186.6	1.4	0.04	0.000*	---	3.43	1.136
20622	29470	68111	50	242.5	221.4	1.4	0.04	0.000*	---	4.01	2.588
20623	29471	68111	50	636.9	513.3	1.4	0.04	0.000*	---	8.39	35.46
20624	29472	68111	50	208.1	196	1.4	0.04	0.000*	---	3.59	1.454
20625	29475	68111	50	392.9	332.8	1.4	0.04	0.000*	---	5.78	12.147
20626	29477	68111	50	390.7	331.1	1.4	0.04	0.000*	---	5.75	11.962
20627	29479	68111	50	382.9	325.3	1.4	0.04	0.000*	---	5.66	11.314
20628	29480	68111	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.084
20629	29483	68111	50	521.3	427.7	1.4	0.04	0.000*	---	7.19	24.121
20630	29484	68111	50	364.5	311.8	1.4	0.04	0.000*	---	5.45	9.845
20631	29486	68111	50	107.8	121.8	1.4	0.04	0.000*	---	2.31	0.09
20632	29487	68111	50	644.7	519.1	1.4	0.04	0.000*	---	8.47	36.211
20633	29488	68111	50	469.6	389.5	1.4	0.04	0.000*	---	6.63	19.092
20634	29489	68111	50	147.4	151.1	1.4	0.04	0.000*	---	2.82	0.354
20635	29490	68111	50	527.5	432.4	1.4	0.04	0.000*	---	7.25	24.737
20636	29491	68111	50	343.1	295.9	1.4	0.04	0.000*	---	5.21	8.241
20637	29492	68111	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.438
20638	29495	68111	50	296.6	261.5	1.4	0.04	0.000*	---	4.66	5.207
20639	29497	68111	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.103
20640	29498	68111	50	131	138.9	1.4	0.04	0.000*	---	2.61	0.212
20641	29499	68111	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
20642	29501	68111	50	457.7	380.7	1.4	0.04	0.000*	---	6.5	17.962
20643	29502	68111	50	172.3	169.5	1.4	0.04	0.000*	---	3.14	0.682
20644	29504	68111	50	220.5	205.1	1.4	0.04	0.000*	---	3.74	1.815
20645	29507	68111	50	553.1	451.3	1.4	0.04	0.000*	---	7.53	27.267
20646	29512	68111	50	408.6	344.4	1.4	0.04	0.000*	---	5.95	13.493
20647	29514	68111	50	430.8	360.8	1.4	0.04	0.000*	---	6.2	15.47
20648	29517	68111	50	433.4	362.7	1.4	0.04	0.000*	---	6.23	15.703
20649	29520	68111	50	575.6	467.9	1.4	0.04	0.000*	---	7.76	29.49
20650	29523	68111	50	435.6	364.3	1.4	0.04	0.000*	---	6.26	15.909
20651	29525	68111	50	285.2	253.1	1.4	0.04	0.000*	---	4.52	4.574
20652	29526	68111	50	314.9	275	1.4	0.04	0.000*	---	4.88	6.322
20653	29531	68111	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.569
20654	29535	68111	50	224.7	208.3	1.4	0.04	0.000*	---	3.79	1.951
20655	29537	68111	50	209	196.7	1.4	0.04	0.000*	---	3.6	1.478
20656	29540	68111	50	372.5	317.7	1.4	0.04	0.000*	---	5.54	10.475
20657	29541	68111	50	198.4	188.8	1.4	0.04	0.000*	---	3.46	1.206
20658	29543	68111	50	287.3	254.6	1.4	0.04	0.000*	---	4.55	4.687
20659	29546	68111	50	336.8	291.2	1.4	0.04	0.000*	---	5.13	7.789
20660	29547	68111	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.842
20661	29548	68111	50	215.3	201.3	1.4	0.04	0.000*	---	3.67	1.657
20662	29551	68111	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.635
20663	29552	68111	50	244.3	222.8	1.4	0.04	0.000*	---	4.03	2.661
20664	29555	68111	50	105.4	120	1.4	0.04	0.000*	---	2.28	0.082
20665	29556	68111	50	250.9	227.6	1.4	0.04	0.000*	---	4.11	2.927
20666	29557	68111	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
20667	29558	68111	50	301	264.8	1.4	0.04	0.000*	---	4.71	5.469
20668	29559	68111	50	386.2	327.8	1.4	0.04	0.000*	---	5.7	11.59
20669	29560	68111	50	592.5	480.4	1.4	0.04	0.000*	---	7.94	31.151
20670	29561	68111	50	206.8	195	1.4	0.04	0.000*	---	3.57	1.417
20671	29562	68111	50	311.7	272.6	1.4	0.04	0.000*	---	4.84	6.119
20672	29563	68111	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.916
20673	29564	68111	50	439.3	367.1	1.4	0.04	0.000*	---	6.3	16.252
20674	29565	68111	50	303.7	266.7	1.4	0.04	0.000*	---	4.74	5.627
20675	29567	68111	50	98.3	114.8	1.4	0.04	0.000*	---	2.18	0.06
20676	29568	68111	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.167
20677	29569	68111	50	195.2	186.4	1.4	0.04	0.000*	---	3.42	1.129
20678	29570	68111	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20679	29572	68111	50	354.8	304.5	1.4	0.04	0.000*	---	5.34	9.098
20680	29574	68111	50	263.2	236.7	1.4	0.04	0.000*	---	4.26	3.469
20681	29575	68111	50	245.7	223.8	1.4	0.04	0.000*	---	4.05	2.714
20682	29576	68111	50	314.9	275	1.4	0.04	0.000*	---	4.88	6.324
20683	29577	68111	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
20684	29578	68111	50	208	195.9	1.4	0.04	0.000*	---	3.58	1.451
20685	29579	68111	50	150.2	153.1	1.4	0.04	0.000*	---	2.86	0.383
20686	29580	68111	50	395	334.3	1.4	0.04	0.000*	---	5.8	12.319
20687	29582	68111	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
20688	29583	68111	50	443.2	370	1.4	0.04	0.000*	---	6.34	16.612
20689	29588	68111	50	145.9	150	1.4	0.04	0.000*	---	2.8	0.339
20690	29589	68111	50	639.7	515.4	1.4	0.04	0.000*	---	8.42	35.733
20691	29592	68111	50	197.4	188.1	1.4	0.04	0.000*	---	3.45	1.182
20692	29594	68111	50	93.8	111.4	1.4	0.04	0.000*	---	2.12	0.049
20693	29596	68111	50	383.4	325.7	1.4	0.04	0.000*	---	5.67	11.358
20694	29597	68111	50	304.7	267.5	1.4	0.04	0.000*	---	4.76	5.688
20695	29598	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.95
20696	29600	68111	50	195.7	186.8	1.4	0.04	0.000*	---	3.43	1.143
20697	29602	68111	50	231.2	213.1	1.4	0.04	0.000*	---	3.87	2.169
20698	29604	68111	50	177.8	173.6	1.4	0.04	0.000*	---	3.21	0.776
20699	29606	68111	50	360.7	308.9	1.4	0.04	0.000*	---	5.41	9.548
20700	29607	68111	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.695
20701	29608	68111	50	362.6	310.3	1.4	0.04	0.000*	---	5.43	9.697
20702	29611	68111	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.984
20703	29612	68111	50	329.2	285.6	1.4	0.04	0.000*	---	5.04	7.263
20704	29613	68111	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
20705	29615	68111	50	177	173	1.4	0.04	0.000*	---	3.2	0.762
20706	29616	68111	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.375
20707	29617	68111	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
20708	29618	68111	50	132.9	140.4	1.4	0.04	0.000*	---	2.63	0.226
20709	29620	68111	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.176
20710	29622	68111	50	299.9	263.9	1.4	0.04	0.000*	---	4.7	5.399
20711	29623	68111	50	306.4	268.7	1.4	0.04	0.000*	---	4.78	5.789
20712	29624	68111	50	779.3	618.7	1.4	0.04	0.000*	---	9.8	48.25
20713	29625	68111	50	288.8	255.7	1.4	0.04	0.000*	---	4.57	4.771
20714	29626	68111	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
20715	29627	68111	50	651.2	523.8	1.4	0.04	0.000*	---	8.54	36.82
20716	29630	68111	50	219.5	204.5	1.4	0.04	0.000*	---	3.73	1.786
20717	29631	68111	50	340.5	294	1.4	0.04	0.000*	---	5.17	8.05
20718	29632	68111	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
20719	29633	68111	50	568.8	462.9	1.4	0.04	0.000*	---	7.69	28.822
20720	29638	68111	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.912
20721	29641	68111	50	397.7	336.3	1.4	0.04	0.000*	---	5.83	12.551
20722	29643	68111	50	428.3	358.9	1.4	0.04	0.000*	---	6.17	15.243
20723	29644	68111	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
20724	29646	68111	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
20725	29648	68111	50	287.6	254.8	1.4	0.04	0.000*	---	4.55	4.701
20726	29649	68111	50	352.6	302.9	1.4	0.04	0.000*	---	5.32	8.935
20727	29650	68111	50	397.5	336.1	1.4	0.04	0.000*	---	5.83	12.534
20728	29652	68111	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
20729	29654	68111	50	481.4	398.3	1.4	0.04	0.000*	---	6.76	20.23
20730	29655	68111	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.857
20731	29656	68111	50	375.9	320.2	1.4	0.04	0.000*	---	5.58	10.749
20732	29658	68111	50	306.4	268.7	1.4	0.04	0.000*	---	4.78	5.79
20733	29660	68111	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
20734	29661	68111	50	160.1	160.4	1.4	0.04	0.000*	---	2.98	0.501
20735	29662	68111	50	128.8	137.3	1.4	0.04	0.000*	---	2.58	0.197
20736	29664	68111	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.874
20737	29666	68111	50	134.7	141.7	1.4	0.04	0.000*	---	2.66	0.24
20738	29667	68111	50	27.9	62.6	1.4	0.04	0.000*	---	1.24	0
20739	29668	68111	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.075

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20740	29670	68111	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
20741	29671	68111	50	132.2	139.8	1.4	0.04	0.000*	---	2.62	0.221
20742	29672	68111	50	133.4	140.7	1.4	0.04	0.000*	---	2.64	0.23
20743	29673	68111	50	247.3	225	1.4	0.04	0.000*	---	4.07	2.778
20744	29675	68111	50	277.2	247.1	1.4	0.04	0.000*	---	4.43	4.152
20745	29677	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.462
20746	29678	68111	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
20747	29680	68111	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.161
20748	29682	68111	50	268.8	240.9	1.4	0.04	0.000*	---	4.33	3.736
20749	29683	68111	50	78.5	100.1	1.4	0.04	0.000*	---	1.92	0.022
20750	29684	68111	50	355.3	304.9	1.4	0.04	0.000*	---	5.35	9.136
20751	29688	68111	50	115.9	127.8	1.4	0.04	0.000*	---	2.41	0.124
20752	29689	68111	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.212
20753	29690	68111	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
20754	29694	68111	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.376
20755	29695	68111	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
20756	29697	68111	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.987
20757	29699	68111	50	170.5	168.2	1.4	0.04	0.000*	---	3.11	0.653
20758	29700	68111	50	250.3	227.2	1.4	0.04	0.000*	---	4.1	2.901
20759	29703	68111	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
20760	29704	68111	50	197	187.8	1.4	0.04	0.000*	---	3.45	1.173
20761	29705	68111	50	85.8	105.5	1.4	0.04	0.000*	---	2.02	0.033
20762	29706	68111	50	504.2	415.1	1.4	0.04	0.000*	---	7.01	22.448
20763	29707	68111	50	124.8	134.3	1.4	0.04	0.000*	---	2.53	0.172
20764	29709	68111	50	179	174.4	1.4	0.04	0.000*	---	3.22	0.797
20765	29710	68111	50	241.9	221	1.4	0.04	0.000*	---	4	2.564
20766	29712	68111	50	234.5	215.5	1.4	0.04	0.000*	---	3.91	2.287
20767	29713	68111	50	528.7	433.2	1.4	0.04	0.000*	---	7.27	24.855
20768	29714	68111	50	220.8	205.4	1.4	0.04	0.000*	---	3.74	1.825
20769	29715	68111	50	72.1	95.3	1.4	0.04	0.000*	---	1.83	0.015
20770	29717	68111	50	515.6	423.5	1.4	0.04	0.000*	---	7.13	23.563
20771	29720	68111	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.7
20772	29721	68111	50	411.8	346.7	1.4	0.04	0.000*	---	5.99	13.771
20773	29722	68111	50	552.2	450.6	1.4	0.04	0.000*	---	7.52	27.178
20774	29724	68111	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.906
20775	29727	68111	50	347.4	299	1.4	0.04	0.000*	---	5.25	8.549
20776	29729	68111	50	221.7	206	1.4	0.04	0.000*	---	3.75	1.853
20777	29735	68111	50	178.2	173.8	1.4	0.04	0.000*	---	3.21	0.782
20778	29737	68111	50	451.1	375.9	1.4	0.04	0.000*	---	6.43	17.349
20779	29739	68111	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
20780	29741	68111	50	354.9	304.6	1.4	0.04	0.000*	---	5.34	9.107
20781	29755	68111	50	321.2	279.7	1.4	0.04	0.000*	---	4.95	6.729
20782	29760	68111	50	137.2	143.5	1.4	0.04	0.000*	---	2.69	0.26
20783	29764	68111	50	289.5	256.2	1.4	0.04	0.000*	---	4.58	4.809
20784	29769	68111	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.962
20785	29770	68111	50	246.9	224.7	1.4	0.04	0.000*	---	4.06	2.765
20786	29771	68111	50	485.6	401.4	1.4	0.04	0.000*	---	6.8	20.636
20787	29772	68111	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.658
20788	29775	68111	50	192.5	184.5	1.4	0.04	0.000*	---	3.39	1.07
20789	29777	68111	50	265.2	238.2	1.4	0.04	0.000*	---	4.28	3.562
20790	29779	68111	50	568.2	462.4	1.4	0.04	0.000*	---	7.68	28.755
20791	29780	68111	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
20792	29781	68111	50	340.2	293.8	1.4	0.04	0.000*	---	5.17	8.032
20793	29783	68111	50	149.3	152.4	1.4	0.04	0.000*	---	2.84	0.373
20794	29784	68111	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
20795	29785	68111	50	260.6	234.9	1.4	0.04	0.000*	---	4.23	3.352
20796	29787	68111	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.836
20797	29788	68111	50	188.3	181.3	1.4	0.04	0.000*	---	3.34	0.978
20798	29790	68111	50	143.5	148.2	1.4	0.04	0.000*	---	2.77	0.315
20799	29791	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
20800	29792	68111	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.844

LEAD BATCH MODE OUTPUT FILE
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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20801	29793	68111	50	396	335.1	1.4	0.04	0.000*	---	5.81	12.413
20802	29794	68111	50	208.9	196.6	1.4	0.04	0.000*	---	3.6	1.476
20803	29797	68111	50	679.1	544.5	1.4	0.04	0.000*	---	8.82	39.443
20804	29798	68111	50	126	135.3	1.4	0.04	0.000*	---	2.54	0.179
20805	29800	68111	50	154.7	156.4	1.4	0.04	0.000*	---	2.91	0.434
20806	29801	68111	50	359.5	308	1.4	0.04	0.000*	---	5.39	9.459
20807	29803	68111	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
20808	29804	68111	50	120.9	131.5	1.4	0.04	0.000*	---	2.48	0.15
20809	29806	68111	50	88.2	107.3	1.4	0.04	0.000*	---	2.05	0.037
20810	29807	68111	50	262.9	236.5	1.4	0.04	0.000*	---	4.26	3.456
20811	29808	68111	50	140	145.6	1.4	0.04	0.000*	---	2.73	0.284
20812	29809	68111	50	156.3	157.6	1.4	0.04	0.000*	---	2.93	0.453
20813	29811	68111	50	214.9	201.1	1.4	0.04	0.000*	---	3.67	1.647
20814	29814	68111	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.383
20815	29815	68111	50	373.6	318.5	1.4	0.04	0.000*	---	5.56	10.56
20816	29816	68111	50	165.8	164.7	1.4	0.04	0.000*	---	3.05	0.581
20817	29817	68111	50	563	458.6	1.4	0.04	0.000*	---	7.63	28.245
20818	29818	68111	50	55.9	83.4	1.4	0.04	0.000*	---	1.62	0.005
20819	29819	68111	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
20820	29820	68111	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.234
20821	29821	68111	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.439
20822	29823	68111	50	193	184.8	1.4	0.04	0.000*	---	3.4	1.08
20823	29824	68111	50	309.5	271.1	1.4	0.04	0.000*	---	4.81	5.985
20824	29825	68111	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.111
20825	29826	68111	50	391.8	331.9	1.4	0.04	0.000*	---	5.76	12.049
20826	29827	68111	50	532.8	436.3	1.4	0.04	0.000*	---	7.31	25.262
20827	29829	68111	50	247.5	225.2	1.4	0.04	0.000*	---	4.07	2.789
20828	29831	68111	50	381.5	324.3	1.4	0.04	0.000*	---	5.65	11.202
20829	29832	68111	50	249.8	226.8	1.4	0.04	0.000*	---	4.1	2.882
20830	29835	68111	50	88.2	107.2	1.4	0.04	0.000*	---	2.05	0.037
20831	29837	68111	50	124.9	134.4	1.4	0.04	0.000*	---	2.53	0.173
20832	29839	68111	50	128.8	137.3	1.4	0.04	0.000*	---	2.58	0.197
20833	29840	68111	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
20834	29842	68111	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
20835	29845	68111	50	303.2	266.4	1.4	0.04	0.000*	---	4.74	5.598
20836	29848	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
20837	29849	68111	50	204.5	193.4	1.4	0.04	0.000*	---	3.54	1.359
20838	29851	68111	50	399.3	337.5	1.4	0.04	0.000*	---	5.85	12.691
20839	29855	68111	50	570.6	464.3	1.4	0.04	0.000*	---	7.71	29
20840	29857	68111	50	92.2	110.3	1.4	0.04	0.000*	---	2.1	0.045
20841	29859	68111	50	113.5	126	1.4	0.04	0.000*	---	2.38	0.113
20842	29860	68111	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
20843	29861	68111	50	285.7	253.4	1.4	0.04	0.000*	---	4.53	4.598
20844	29864	68111	50	256.4	231.7	1.4	0.04	0.000*	---	4.18	3.162
20845	29867	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
20846	29871	68111	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
20847	29881	68111	50	236.4	217	1.4	0.04	0.000*	---	3.93	2.359
20848	29889	68111	50	365.6	312.5	1.4	0.04	0.000*	---	5.46	9.928
20849	29890	68111	50	512.2	421	1.4	0.04	0.000*	---	7.09	23.227
20850	29891	68111	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.765
20851	29893	68111	50	378.9	322.4	1.4	0.04	0.000*	---	5.62	10.985
20852	29895	68111	50	397.1	335.9	1.4	0.04	0.000*	---	5.82	12.506
20853	29896	68111	50	143.2	148	1.4	0.04	0.000*	---	2.77	0.313
20854	29897	68111	50	355.2	304.8	1.4	0.04	0.000*	---	5.35	9.13
20855	29898	68111	50	184.1	178.3	1.4	0.04	0.000*	---	3.29	0.894
20856	29904	68111	50	303.8	266.8	1.4	0.04	0.000*	---	4.75	5.636
20857	29905	68111	50	455.9	379.4	1.4	0.04	0.000*	---	6.48	17.793
20858	29907	68111	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.048
20859	29910	68111	50	105.9	120.4	1.4	0.04	0.000*	---	2.28	0.084
20860	29912	68111	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.48
20861	29915	68111	50	112.4	125.2	1.4	0.04	0.000*	---	2.37	0.109

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20862	29918	68111	50	258.4	233.2	1.4	0.04	0.000*	---	4.2	3.254
20863	29919	68111	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
20864	29922	68111	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
20865	29923	68111	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.518
20866	29926	68111	50	287.7	254.9	1.4	0.04	0.000*	---	4.55	4.71
20867	29927	68111	50	351	301.8	1.4	0.04	0.000*	---	5.3	8.819
20868	29928	68111	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
20869	29930	68111	50	416.1	349.9	1.4	0.04	0.000*	---	6.04	14.153
20870	29932	68111	50	282	250.6	1.4	0.04	0.000*	---	4.48	4.399
20871	29933	68111	50	383.4	325.7	1.4	0.04	0.000*	---	5.67	11.356
20872	29935	68111	50	279.3	248.7	1.4	0.04	0.000*	---	4.45	4.26
20873	29937	68111	50	134.9	141.8	1.4	0.04	0.000*	---	2.66	0.241
20874	29940	68111	50	282.2	250.8	1.4	0.04	0.000*	---	4.49	4.413
20875	29944	68111	50	203.6	192.7	1.4	0.04	0.000*	---	3.53	1.336
20876	29945	68111	50	46.9	76.7	1.4	0.04	0.000*	---	1.5	0.003
20877	29948	68111	50	514.2	422.5	1.4	0.04	0.000*	---	7.11	23.428
20878	29949	68111	50	70.9	94.5	1.4	0.04	0.000*	---	1.82	0.014
20879	29953	68111	50	277.3	247.2	1.4	0.04	0.000*	---	4.43	4.157
20880	29954	68111	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
20881	29956	68111	50	418.7	351.8	1.4	0.04	0.000*	---	6.07	14.379
20882	29960	68111	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.338
20883	29961	68111	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
20884	29962	68111	50	232.5	214	1.4	0.04	0.000*	---	3.89	2.215
20885	29963	68111	50	319.4	278.3	1.4	0.04	0.000*	---	4.93	6.609
20886	29964	68111	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
20887	29965	68111	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
20888	29966	68111	50	223.3	207.2	1.4	0.04	0.000*	---	3.77	1.903
20889	29967	68111	50	351.1	301.8	1.4	0.04	0.000*	---	5.3	8.822
20890	29968	68111	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
20891	29969	68111	50	283.2	251.6	1.4	0.04	0.000*	---	4.5	4.466
20892	29970	68111	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
20893	29973	68111	50	141.6	146.8	1.4	0.04	0.000*	---	2.75	0.298
20894	29974	68111	50	292.2	258.2	1.4	0.04	0.000*	---	4.61	4.958
20895	29975	68111	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.76
20896	29977	68111	50	306	268.4	1.4	0.04	0.000*	---	4.77	5.765
20897	29978	68111	50	137.6	143.9	1.4	0.04	0.000*	---	2.69	0.263
20898	29980	68111	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.395
20899	29981	68111	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
20900	29982	68111	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.204
20901	29983	68111	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
20902	29984	68111	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.733
20903	29986	68111	50	93.9	111.5	1.4	0.04	0.000*	---	2.12	0.049
20904	29988	68111	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
20905	29990	68111	50	206.6	194.9	1.4	0.04	0.000*	---	3.57	1.413
20906	29991	68111	50	409.6	345.1	1.4	0.04	0.000*	---	5.96	13.576
20907	29992	68111	50	151.8	154.3	1.4	0.04	0.000*	---	2.88	0.4
20908	29993	68111	50	232.3	213.9	1.4	0.04	0.000*	---	3.88	2.211
20909	29994	68111	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
20910	29995	68111	50	339.8	293.4	1.4	0.04	0.000*	---	5.17	7.999
20911	29996	68111	50	286.9	254.3	1.4	0.04	0.000*	---	4.54	4.663
20912	29998	68111	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.136
20913	29999	68111	50	335.6	290.4	1.4	0.04	0.000*	---	5.12	7.709
20914	30001	68111	50	215	201.1	1.4	0.04	0.000*	---	3.67	1.649
20915	30002	68111	50	395.5	334.7	1.4	0.04	0.000*	---	5.81	12.365
20916	30004	68111	50	96.4	113.4	1.4	0.04	0.000*	---	2.16	0.055
20917	30005	68111	50	487.9	403	1.4	0.04	0.000*	---	6.83	20.856
20918	30007	68111	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.576
20919	30008	68111	50	273.6	244.4	1.4	0.04	0.000*	---	4.38	3.969
20920	30012	68111	50	212.7	199.4	1.4	0.04	0.000*	---	3.64	1.581
20921	30014	68111	50	107.4	121.4	1.4	0.04	0.000*	---	2.3	0.089
20922	30019	68111	50	496.7	409.5	1.4	0.04	0.000*	---	6.92	21.71

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20923	30021	68111	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
20924	30029	68111	50	244	222.6	1.4	0.04	0.000*	---	4.03	2.648
20925	30032	68111	50	347.2	298.9	1.4	0.04	0.000*	---	5.25	8.534
20926	30036	68111	50	361.3	309.4	1.4	0.04	0.000*	---	5.42	9.597
20927	30039	68111	50	630	508.2	1.4	0.04	0.000*	---	8.32	34.795
20928	30040	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
20929	30041	68111	50	312.8	273.5	1.4	0.04	0.000*	---	4.85	6.188
20930	30042	68111	50	274.7	245.3	1.4	0.04	0.000*	---	4.4	4.027
20931	30044	68111	50	475	393.5	1.4	0.04	0.000*	---	6.69	19.613
20932	30045	68111	50	373.3	318.2	1.4	0.04	0.000*	---	5.55	10.534
20933	30048	68111	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.193
20934	30050	68111	50	198.5	188.9	1.4	0.04	0.000*	---	3.47	1.208
20935	30052	68111	50	145.1	149.3	1.4	0.04	0.000*	---	2.79	0.33
20936	30054	68111	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
20937	30058	68111	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
20938	30060	68111	50	184	178.1	1.4	0.04	0.000*	---	3.28	0.891
20939	30062	68111	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.999
20940	30063	68111	50	152.4	154.8	1.4	0.04	0.000*	---	2.88	0.407
20941	30065	68111	50	446.6	372.5	1.4	0.04	0.000*	---	6.38	16.929
20942	30067	68111	50	501.8	413.3	1.4	0.04	0.000*	---	6.98	22.209
20943	30068	68111	50	374.5	319.1	1.4	0.04	0.000*	---	5.57	10.632
20944	30070	68111	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.074
20945	30071	68111	50	439.7	367.4	1.4	0.04	0.000*	---	6.3	16.29
20946	30072	68111	50	309.1	270.8	1.4	0.04	0.000*	---	4.81	5.96
20947	30073	68111	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
20948	30074	68111	50	362.4	310.2	1.4	0.04	0.000*	---	5.43	9.683
20949	30075	68111	50	112.8	125.5	1.4	0.04	0.000*	---	2.37	0.11
20950	30076	68111	50	248.9	226.2	1.4	0.04	0.000*	---	4.09	2.845
20951	30077	68111	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
20952	30078	68111	50	307.1	269.3	1.4	0.04	0.000*	---	4.78	5.836
20953	30080	68111	50	220.7	205.4	1.4	0.04	0.000*	---	3.74	1.824
20954	30081	68111	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
20955	30082	68111	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
20956	30083	68111	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
20957	30084	68111	50	288.3	255.3	1.4	0.04	0.000*	---	4.56	4.741
20958	30085	68111	50	180.1	175.3	1.4	0.04	0.000*	---	3.24	0.818
20959	30086	68111	50	163.7	163.2	1.4	0.04	0.000*	---	3.03	0.552
20960	30087	68111	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
20961	30088	68111	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
20962	30089	68111	50	340.9	294.2	1.4	0.04	0.000*	---	5.18	8.078
20963	30090	68111	50	65	90.1	1.4	0.04	0.000*	---	1.74	0.01
20964	30091	68111	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.613
20965	30092	68111	50	330.7	286.7	1.4	0.04	0.000*	---	5.06	7.367
20966	30094	68111	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
20967	30095	68111	50	458.3	381.1	1.4	0.04	0.000*	---	6.51	18.016
20968	30109	68111	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
20969	30111	68111	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
20970	30112	68111	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
20971	30115	68111	50	150	153	1.4	0.04	0.000*	---	2.85	0.381
20972	30116	68111	50	283.6	251.9	1.4	0.04	0.000*	---	4.51	4.489
20973	30117	68111	50	173.3	170.2	1.4	0.04	0.000*	---	3.15	0.698
20974	30119	68111	50	127.2	136.2	1.4	0.04	0.000*	---	2.56	0.187
20975	30120	68111	50	147.7	151.3	1.4	0.04	0.000*	---	2.82	0.357
20976	30121	68111	50	353.4	303.5	1.4	0.04	0.000*	---	5.32	8.994
20977	30122	68111	50	431	361	1.4	0.04	0.000*	---	6.2	15.494
20978	30123	68111	50	339.9	293.5	1.4	0.04	0.000*	---	5.17	8.006
20979	30124	68111	50	152.8	155.1	1.4	0.04	0.000*	---	2.89	0.412
20980	30128	68111	50	285.3	253.1	1.4	0.04	0.000*	---	4.52	4.576
20981	30130	68111	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
20982	30131	68111	50	297.4	262.1	1.4	0.04	0.000*	---	4.67	5.255
20983	30132	68111	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.503

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
20984	30133	68111	50	315.6	275.6	1.4	0.04	0.000*	---	4.88	6.369
20985	30135	68111	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.185
20986	30136	68111	50	234.8	215.7	1.4	0.04	0.000*	---	3.91	2.298
20987	30137	68111	50	140.5	146	1.4	0.04	0.000*	---	2.73	0.288
20988	30139	68111	50	167.4	165.9	1.4	0.04	0.000*	---	3.07	0.605
20989	30141	68111	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.891
20990	30143	68111	50	244.8	223.1	1.4	0.04	0.000*	---	4.04	2.678
20991	30144	68111	50	239.6	219.3	1.4	0.04	0.000*	---	3.97	2.476
20992	30145	68111	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.758
20993	30146	68111	50	222.1	206.4	1.4	0.04	0.000*	---	3.76	1.868
20994	30147	68111	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.325
20995	30148	68111	50	157.5	158.6	1.4	0.04	0.000*	---	2.95	0.469
20996	30150	68111	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
20997	30153	68111	50	80.9	101.9	1.4	0.04	0.000*	---	1.95	0.026
20998	30154	68111	50	132.3	139.9	1.4	0.04	0.000*	---	2.63	0.222
20999	30155	68111	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
21000	30156	68111	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
21001	30158	68111	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
21002	30159	68111	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
21003	30160	68111	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
21004	30161	68111	50	104.4	119.2	1.4	0.04	0.000*	---	2.26	0.078
21005	30164	68111	50	101.8	117.4	1.4	0.04	0.000*	---	2.23	0.07
21006	30166	68111	50	87	106.4	1.4	0.04	0.000*	---	2.03	0.035
21007	30167	68111	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
21008	30168	68111	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
21009	30169	68111	50	62.2	88	1.4	0.04	0.000*	---	1.7	0.008
21010	30171	68111	50	56.8	84.1	1.4	0.04	0.000*	---	1.63	0.006
21011	30173	68111	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.028
21012	30174	68111	50	127.5	136.4	1.4	0.04	0.000*	---	2.56	0.189
21013	30175	68111	50	156.4	157.7	1.4	0.04	0.000*	---	2.93	0.454
21014	30176	68111	50	169.1	167.1	1.4	0.04	0.000*	---	3.1	0.631
21015	30177	68111	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.916
21016	30179	68111	50	146.6	150.4	1.4	0.04	0.000*	---	2.81	0.345
21017	30180	68111	50	299.8	263.9	1.4	0.04	0.000*	---	4.7	5.397
21018	30182	68111	50	76	98.3	1.4	0.04	0.000*	---	1.89	0.019
21019	30184	68111	50	225.6	209	1.4	0.04	0.000*	---	3.8	1.981
21020	30185	68111	50	62.3	88.1	1.4	0.04	0.000*	---	1.7	0.008
21021	30187	68111	50	138.7	144.6	1.4	0.04	0.000*	---	2.71	0.272
21022	30188	68111	50	208.3	196.1	1.4	0.04	0.000*	---	3.59	1.459
21023	30190	68111	50	142.6	147.5	1.4	0.04	0.000*	---	2.76	0.307
21024	30192	68111	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.931
21025	30195	68111	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.337
21026	30198	68111	50	538.8	440.7	1.4	0.04	0.000*	---	7.37	25.854
21027	30201	68111	50	355.8	305.3	1.4	0.04	0.000*	---	5.35	9.172
21028	30204	68111	50	474	392.7	1.4	0.04	0.000*	---	6.68	19.512
21029	30208	68111	50	165.6	164.5	1.4	0.04	0.000*	---	3.05	0.577
21030	30209	68111	50	405	341.7	1.4	0.04	0.000*	---	5.91	13.184
21031	30211	68111	50	342.5	295.5	1.4	0.04	0.000*	---	5.2	8.196
21032	30212	68111	50	296.8	261.7	1.4	0.04	0.000*	---	4.66	5.223
21033	30219	68111	50	524.5	430.2	1.4	0.04	0.000*	---	7.22	24.444
21034	30220	68111	50	252.1	228.6	1.4	0.04	0.000*	---	4.13	2.979
21035	30221	68111	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.96
21036	30222	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
21037	30224	68111	50	309.8	271.3	1.4	0.04	0.000*	---	4.82	6.003
21038	30225	68111	50	433.1	362.5	1.4	0.04	0.000*	---	6.23	15.677
21039	30226	68111	50	298.8	263.1	1.4	0.04	0.000*	---	4.68	5.334
21040	30227	68111	50	170.5	168.1	1.4	0.04	0.000*	---	3.11	0.652
21041	30230	68111	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.482
21042	30231	68111	50	407.7	343.7	1.4	0.04	0.000*	---	5.94	13.411
21043	30233	68111	50	139.5	145.3	1.4	0.04	0.000*	---	2.72	0.279
21044	30234	68111	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21045	30235	68111	50	221.8	206.1	1.4	0.04	0.000*	---	3.75	1.856
21046	30236	68111	50	587.2	476.5	1.4	0.04	0.000*	---	7.88	30.633
21047	30237	68111	50	237.5	217.8	1.4	0.04	0.000*	---	3.95	2.398
21048	30238	68111	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.529
21049	30239	68111	50	367.9	314.2	1.4	0.04	0.000*	---	5.49	10.105
21050	30240	68111	50	197.5	188.1	1.4	0.04	0.000*	---	3.45	1.183
21051	30241	68111	50	389.2	330	1.4	0.04	0.000*	---	5.73	11.836
21052	30242	68111	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.052
21053	30243	68111	50	472.1	391.4	1.4	0.04	0.000*	---	6.66	19.336
21054	30244	68111	50	263.7	237.2	1.4	0.04	0.000*	---	4.27	3.495
21055	30246	68111	50	372.5	317.6	1.4	0.04	0.000*	---	5.54	10.471
21056	30249	68111	50	175.5	171.9	1.4	0.04	0.000*	---	3.18	0.735
21057	30251	68111	50	137.1	143.4	1.4	0.04	0.000*	---	2.69	0.259
21058	30252	68111	50	65.7	90.6	1.4	0.04	0.000*	---	1.75	0.01
21059	30253	68111	50	460.3	382.6	1.4	0.04	0.000*	---	6.53	18.207
21060	30254	68111	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.098
21061	30256	68111	50	207.4	195.5	1.4	0.04	0.000*	---	3.58	1.434
21062	30257	68111	50	160.5	160.7	1.4	0.04	0.000*	---	2.99	0.507
21063	30258	68111	50	107.8	121.7	1.4	0.04	0.000*	---	2.31	0.09
21064	30259	68111	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
21065	30261	68111	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.405
21066	30262	68111	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
21067	30267	68111	50	517.2	424.7	1.4	0.04	0.000*	---	7.14	23.716
21068	30268	68111	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.615
21069	30272	68111	50	35.3	68.1	1.4	0.04	0.000*	---	1.34	0.001
21070	30273	68111	50	272.8	243.8	1.4	0.04	0.000*	---	4.37	3.929
21071	30274	68111	50	116.4	128.1	1.4	0.04	0.000*	---	2.42	0.127
21072	30275	68111	50	335	289.9	1.4	0.04	0.000*	---	5.11	7.665
21073	30276	68111	50	342.5	295.5	1.4	0.04	0.000*	---	5.2	8.196
21074	30278	68111	50	318.2	277.5	1.4	0.04	0.000*	---	4.91	6.532
21075	30282	68111	50	65.2	90.3	1.4	0.04	0.000*	---	1.74	0.01
21076	30283	68111	50	248.1	225.6	1.4	0.04	0.000*	---	4.08	2.813
21077	30286	68111	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
21078	30289	68111	50	64.5	89.7	1.4	0.04	0.000*	---	1.73	0.01
21079	30290	68111	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.529
21080	30292	68111	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
21081	30293	68111	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
21082	30295	68111	50	71.9	95.2	1.4	0.04	0.000*	---	1.83	0.015
21083	30296	68111	50	164.8	164	1.4	0.04	0.000*	---	3.04	0.567
21084	30297	68111	50	462.6	384.4	1.4	0.04	0.000*	---	6.55	18.433
21085	30298	68111	50	54.2	82.1	1.4	0.04	0.000*	---	1.6	0.005
21086	30299	68111	50	49.3	78.5	1.4	0.04	0.000*	---	1.53	0.003
21087	30300	68111	50	502	413.5	1.4	0.04	0.000*	---	6.98	22.225
21088	30304	68111	50	546.4	446.3	1.4	0.04	0.000*	---	7.46	26.602
21089	30312	68111	50	352.9	303.1	1.4	0.04	0.000*	---	5.32	8.957
21090	30319	68111	50	83.3	103.6	1.4	0.04	0.000*	---	1.98	0.029
21091	30320	68111	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.538
21092	30325	68111	50	419.1	352.1	1.4	0.04	0.000*	---	6.07	14.419
21093	30329	68111	50	385.2	327	1.4	0.04	0.000*	---	5.69	11.503
21094	30333	68111	50	163.6	163.1	1.4	0.04	0.000*	---	3.03	0.55
21095	30338	68111	50	154.9	156.7	1.4	0.04	0.000*	---	2.92	0.437
21096	30339	68111	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.097
21097	30340	68111	50	158	158.9	1.4	0.04	0.000*	---	2.96	0.475
21098	30345	68111	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.033
21099	30346	68111	50	64.8	89.9	1.4	0.04	0.000*	---	1.74	0.01
21100	30347	68111	50	64.3	89.6	1.4	0.04	0.000*	---	1.73	0.01
21101	30350	68111	50	81.1	102	1.4	0.04	0.000*	---	1.96	0.026
21102	30354	68111	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.315
21103	30355	68111	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
21104	30358	68111	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
21105	30360	68111	50	129.2	137.6	1.4	0.04	0.000*	---	2.58	0.2

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21106	30361	68111	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
21107	30362	68111	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
21108	30366	68111	50	140.7	146.1	1.4	0.04	0.000*	---	2.73	0.29
21109	30367	68111	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
21110	30374	68111	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
21111	30379	68111	50	155.2	156.8	1.4	0.04	0.000*	---	2.92	0.44
21112	30382	68111	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
21113	30383	68111	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
21114	30384	68111	50	166.3	165.1	1.4	0.04	0.000*	---	3.06	0.589
21115	30387	68111	50	119.4	130.4	1.4	0.04	0.000*	---	2.46	0.142
21116	30391	68111	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.683
21117	30392	68111	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
21118	30396	68111	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.172
21119	30398	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
21120	30399	68111	50	211.6	198.6	1.4	0.04	0.000*	---	3.63	1.549
21121	30404	68111	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
21122	30406	68111	50	116.1	127.9	1.4	0.04	0.000*	---	2.41	0.125
21123	30408	68111	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
21124	30412	68111	50	148	151.5	1.4	0.04	0.000*	---	2.83	0.36
21125	30413	68111	50	134.7	141.6	1.4	0.04	0.000*	---	2.66	0.24
21126	30415	68111	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
21127	30416	68111	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
21128	30417	68111	50	277.6	247.4	1.4	0.04	0.000*	---	4.43	4.175
21129	30418	68111	50	345.2	297.5	1.4	0.04	0.000*	---	5.23	8.392
21130	30419	68111	50	487.4	402.7	1.4	0.04	0.000*	---	6.82	20.805
21131	30420	68111	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.734
21132	30421	68111	50	518	425.3	1.4	0.04	0.000*	---	7.15	23.799
21133	30425	68111	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
21134	30426	68111	50	145.9	149.9	1.4	0.04	0.000*	---	2.8	0.338
21135	30427	68111	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
21136	30430	68111	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
21137	30432	68111	50	182.2	176.8	1.4	0.04	0.000*	---	3.26	0.856
21138	30433	68111	50	399.1	337.3	1.4	0.04	0.000*	---	5.85	12.673
21139	30434	68111	50	274	244.8	1.4	0.04	0.000*	---	4.39	3.99
21140	30439	68111	50	212.5	199.2	1.4	0.04	0.000*	---	3.64	1.576
21141	30441	68111	50	404.6	341.4	1.4	0.04	0.000*	---	5.91	13.141
21142	30444	68111	50	228.1	210.8	1.4	0.04	0.000*	---	3.83	2.066
21143	30445	68111	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
21144	30447	68111	50	283.4	251.7	1.4	0.04	0.000*	---	4.5	4.478
21145	30448	68111	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.656
21146	30449	68111	50	170.5	168.1	1.4	0.04	0.000*	---	3.11	0.652
21147	30450	68111	50	401.6	339.2	1.4	0.04	0.000*	---	5.87	12.887
21148	30451	68111	50	338.2	292.3	1.4	0.04	0.000*	---	5.15	7.889
21149	30452	68111	50	129.5	137.9	1.4	0.04	0.000*	---	2.59	0.202
21150	30453	68111	50	384	326.2	1.4	0.04	0.000*	---	5.68	11.407
21151	30454	68111	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49
21152	30455	68111	50	149.5	152.6	1.4	0.04	0.000*	---	2.85	0.375
21153	30456	68111	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.22
21154	30457	68111	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
21155	30458	68111	50	130.6	138.6	1.4	0.04	0.000*	---	2.6	0.21
21156	30460	68111	50	83	103.4	1.4	0.04	0.000*	---	1.98	0.029
21157	30461	68111	50	96.4	113.3	1.4	0.04	0.000*	---	2.16	0.055
21158	30462	68111	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
21159	30464	68111	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
21160	30465	68111	50	143.1	147.9	1.4	0.04	0.000*	---	2.77	0.312
21161	30468	68111	50	65.9	90.7	1.4	0.04	0.000*	---	1.75	0.011
21162	30471	68111	50	169.1	167.2	1.4	0.04	0.000*	---	3.1	0.631
21163	30474	68111	50	151.4	154	1.4	0.04	0.000*	---	2.87	0.396
21164	30488	68111	50	82.4	102.9	1.4	0.04	0.000*	---	1.97	0.028
21165	30490	68111	50	312.9	273.5	1.4	0.04	0.000*	---	4.85	6.192
21166	30494	68111	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21167	30496	68111	50	81.7	102.4	1.4	0.04	0.000*	---	1.96	0.027
21168	30497	68111	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
21169	30501	68111	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.679
21170	30502	68111	50	248.6	225.9	1.4	0.04	0.000*	---	4.08	2.83
21171	30503	68111	50	341.8	294.9	1.4	0.04	0.000*	---	5.19	8.145
21172	30504	68111	50	452.3	376.7	1.4	0.04	0.000*	---	6.44	17.453
21173	30505	68111	50	255.3	230.9	1.4	0.04	0.000*	---	4.16	3.115
21174	30506	68111	50	277.5	247.3	1.4	0.04	0.000*	---	4.43	4.166
21175	30507	68111	50	204.5	193.4	1.4	0.04	0.000*	---	3.54	1.359
21176	30513	68111	50	101.7	117.3	1.4	0.04	0.000*	---	2.23	0.07
21177	30514	68111	50	203.7	192.8	1.4	0.04	0.000*	---	3.53	1.338
21178	30515	68111	50	151	153.7	1.4	0.04	0.000*	---	2.87	0.392
21179	30517	68111	50	352	302.5	1.4	0.04	0.000*	---	5.31	8.889
21180	30521	68111	50	365	312.1	1.4	0.04	0.000*	---	5.46	9.88
21181	30523	68111	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
21182	30525	68111	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.265
21183	30526	68111	50	212.4	199.2	1.4	0.04	0.000*	---	3.64	1.574
21184	30528	68111	50	400.2	338.2	1.4	0.04	0.000*	---	5.86	12.768
21185	30531	68111	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.356
21186	30534	68111	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.278
21187	30536	68111	50	594.8	482.1	1.4	0.04	0.000*	---	7.96	31.378
21188	30539	68111	50	255.1	230.7	1.4	0.04	0.000*	---	4.16	3.105
21189	30540	68111	50	323.7	281.5	1.4	0.04	0.000*	---	4.98	6.893
21190	30545	68111	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.606
21191	30547	68111	50	507.2	417.3	1.4	0.04	0.000*	---	7.04	22.739
21192	30549	68111	50	210.7	197.9	1.4	0.04	0.000*	---	3.62	1.525
21193	30550	68111	50	126.7	135.8	1.4	0.04	0.000*	---	2.55	0.184
21194	30552	68111	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
21195	30557	68111	50	140.4	145.9	1.4	0.04	0.000*	---	2.73	0.287
21196	30560	68111	50	511.4	420.5	1.4	0.04	0.000*	---	7.08	23.154
21197	30561	68111	50	106.3	120.7	1.4	0.04	0.000*	---	2.29	0.085
21198	30562	68111	50	97.8	114.3	1.4	0.04	0.000*	---	2.18	0.059
21199	30563	68111	50	317.1	276.7	1.4	0.04	0.000*	---	4.9	6.466
21200	30564	68111	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
21201	30567	68111	50	109.3	122.9	1.4	0.04	0.000*	---	2.33	0.096
21202	30569	68111	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.062
21203	30571	68111	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
21204	30572	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
21205	30574	68111	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
21206	30577	68111	50	90.9	109.3	1.4	0.04	0.000*	---	2.08	0.043
21207	30578	68111	50	433.5	362.8	1.4	0.04	0.000*	---	6.23	15.717
21208	30580	68111	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
21209	30581	68111	50	129.3	137.7	1.4	0.04	0.000*	---	2.59	0.201
21210	30583	68111	50	87.5	106.8	1.4	0.04	0.000*	---	2.04	0.036
21211	30586	68111	50	120.6	131.3	1.4	0.04	0.000*	---	2.47	0.148
21212	30587	68111	50	180.1	175.2	1.4	0.04	0.000*	---	3.23	0.817
21213	30589	68111	50	120.7	131.3	1.4	0.04	0.000*	---	2.47	0.148
21214	30591	68111	50	299.8	263.8	1.4	0.04	0.000*	---	4.7	5.395
21215	30595	68111	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.056
21216	30603	68111	50	354.3	304.2	1.4	0.04	0.000*	---	5.34	9.065
21217	30605	68111	50	340.6	294	1.4	0.04	0.000*	---	5.18	8.057
21218	30606	68111	50	481.9	398.6	1.4	0.04	0.000*	---	6.76	20.271
21219	30608	68111	50	468.3	388.5	1.4	0.04	0.000*	---	6.62	18.97
21220	30610	68111	50	136	142.7	1.4	0.04	0.000*	---	2.67	0.25
21221	30612	68111	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
21222	30617	68111	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
21223	30621	68111	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.824
21224	30622	68111	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.311
21225	30623	68111	50	167.9	166.2	1.4	0.04	0.000*	---	3.08	0.612
21226	30625	68111	50	290.5	256.9	1.4	0.04	0.000*	---	4.59	4.861
21227	30627	68111	50	458.1	381	1.4	0.04	0.000*	---	6.5	18.005

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21228	30628	68111	50	226.6	209.7	1.4	0.04	0.000*	---	3.81	2.014
21229	30630	68111	50	57.3	84.4	1.4	0.04	0.000*	---	1.64	0.006
21230	30635	68111	50	207.8	195.8	1.4	0.04	0.000*	---	3.58	1.446
21231	30638	68111	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
21232	30639	68111	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
21233	30640	68111	50	92.8	110.7	1.4	0.04	0.000*	---	2.11	0.047
21234	30641	68111	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.276
21235	30642	68111	50	310.5	271.8	1.4	0.04	0.000*	---	4.82	6.047
21236	30643	68111	50	321.6	280	1.4	0.04	0.000*	---	4.95	6.758
21237	30644	68111	50	216.2	202	1.4	0.04	0.000*	---	3.69	1.684
21238	30645	68111	50	378.6	322.2	1.4	0.04	0.000*	---	5.61	10.963
21239	30646	68111	50	119.1	130.1	1.4	0.04	0.000*	---	2.45	0.14
21240	30647	68111	50	555.5	453.1	1.4	0.04	0.000*	---	7.55	27.507
21241	30648	68111	50	237.4	217.6	1.4	0.04	0.000*	---	3.95	2.393
21242	30649	68111	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
21243	30652	68111	50	210.4	197.7	1.4	0.04	0.000*	---	3.61	1.518
21244	30656	68111	50	335.4	290.2	1.4	0.04	0.000*	---	5.12	7.689
21245	30661	68111	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
21246	30662	68111	50	89.4	108.2	1.4	0.04	0.000*	---	2.06	0.039
21247	30664	68111	50	479.6	396.9	1.4	0.04	0.000*	---	6.74	20.051
21248	30666	68111	50	70.6	94.2	1.4	0.04	0.000*	---	1.81	0.014
21249	30667	68111	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.909
21250	30669	68111	50	383.5	325.8	1.4	0.04	0.000*	---	5.67	11.365
21251	30670	68111	50	223.6	207.5	1.4	0.04	0.000*	---	3.78	1.916
21252	30672	68111	50	109.3	122.9	1.4	0.04	0.000*	---	2.33	0.096
21253	30674	68111	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.431
21254	30677	68111	50	116.3	128	1.4	0.04	0.000*	---	2.42	0.126
21255	30679	68111	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.873
21256	30683	68111	50	374.3	319	1.4	0.04	0.000*	---	5.56	10.617
21257	30684	68111	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.671
21258	30685	68111	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
21259	30686	68111	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.083
21260	30687	68111	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.467
21261	30690	68111	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016
21262	30693	68111	50	159.3	159.9	1.4	0.04	0.000*	---	2.97	0.492
21263	30694	68111	50	162.7	162.4	1.4	0.04	0.000*	---	3.02	0.537
21264	30695	68111	50	308.6	270.3	1.4	0.04	0.000*	---	4.8	5.924
21265	30697	68111	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
21266	30699	68111	50	113.6	126.1	1.4	0.04	0.000*	---	2.38	0.114
21267	30700	68111	50	78.3	99.9	1.4	0.04	0.000*	---	1.92	0.022
21268	30701	68111	50	179.7	174.9	1.4	0.04	0.000*	---	3.23	0.809
21269	30703	68111	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
21270	30704	68111	50	216.7	202.4	1.4	0.04	0.000*	---	3.69	1.699
21271	30707	68111	50	175.2	171.7	1.4	0.04	0.000*	---	3.17	0.73
21272	30708	68111	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.99
21273	30709	68111	50	233.7	215	1.4	0.04	0.000*	---	3.9	2.261
21274	30713	68111	50	100.8	116.6	1.4	0.04	0.000*	---	2.21	0.067
21275	30714	68111	50	219.7	204.6	1.4	0.04	0.000*	---	3.73	1.791
21276	30716	68111	50	160.9	161.1	1.4	0.04	0.000*	---	2.99	0.513
21277	30717	68111	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
21278	30718	68111	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.683
21279	30722	68111	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
21280	30723	68111	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.276
21281	30729	68111	50	134.2	141.3	1.4	0.04	0.000*	---	2.65	0.236
21282	30731	68111	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
21283	30732	68111	50	183.3	177.6	1.4	0.04	0.000*	---	3.28	0.877
21284	30737	68111	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
21285	30742	68111	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
21286	30743	68111	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.071
21287	30744	68111	50	392.1	332.1	1.4	0.04	0.000*	---	5.77	12.077
21288	30745	68111	50	331	286.9	1.4	0.04	0.000*	---	5.06	7.386

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21289	30746	68111	50	158.6	159.3	1.4	0.04	0.000*	---	2.96	0.482
21290	30747	68111	50	324.6	282.2	1.4	0.04	0.000*	---	4.99	6.957
21291	30750	68111	50	486.8	402.2	1.4	0.04	0.000*	---	6.82	20.749
21292	30751	68111	50	98.2	114.7	1.4	0.04	0.000*	---	2.18	0.06
21293	30752	68111	50	516.6	424.3	1.4	0.04	0.000*	---	7.14	23.66
21294	30754	68111	50	106.8	121.1	1.4	0.04	0.000*	---	2.29	0.087
21295	30756	68111	50	202.8	192.1	1.4	0.04	0.000*	---	3.52	1.315
21296	30757	68111	50	425.1	356.6	1.4	0.04	0.000*	---	6.14	14.954
21297	30761	68111	50	231.1	213	1.4	0.04	0.000*	---	3.87	2.167
21298	30762	68111	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
21299	30764	68111	50	415.7	349.6	1.4	0.04	0.000*	---	6.03	14.118
21300	30767	68111	50	109.7	123.1	1.4	0.04	0.000*	---	2.33	0.097
21301	30768	68111	50	110.4	123.7	1.4	0.04	0.000*	---	2.34	0.1
21302	30769	68111	50	460.4	382.7	1.4	0.04	0.000*	---	6.53	18.216
21303	30770	68111	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.389
21304	30772	68111	50	126.1	135.3	1.4	0.04	0.000*	---	2.54	0.18
21305	30773	68111	50	111.4	124.4	1.4	0.04	0.000*	---	2.35	0.104
21306	30775	68111	50	133.3	140.6	1.4	0.04	0.000*	---	2.64	0.229
21307	30777	68111	50	330.8	286.8	1.4	0.04	0.000*	---	5.06	7.373
21308	30780	68111	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.819
21309	30781	68111	50	103.8	118.8	1.4	0.04	0.000*	---	2.25	0.076
21310	30783	68111	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
21311	30785	68111	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
21312	30790	68111	50	91.2	109.5	1.4	0.04	0.000*	---	2.09	0.043
21313	30793	68111	50	289.5	256.3	1.4	0.04	0.000*	---	4.58	4.81
21314	30795	68111	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
21315	30800	68111	50	284	252.2	1.4	0.04	0.000*	---	4.51	4.511
21316	30802	68111	50	66.9	91.5	1.4	0.04	0.000*	---	1.77	0.011
21317	30804	68111	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
21318	30805	68111	50	100.8	116.6	1.4	0.04	0.000*	---	2.21	0.067
21319	30807	68111	50	155.5	157.1	1.4	0.04	0.000*	---	2.92	0.444
21320	30808	68111	50	165	164.1	1.4	0.04	0.000*	---	3.04	0.569
21321	30812	68111	50	132.6	140.2	1.4	0.04	0.000*	---	2.63	0.224
21322	30813	68111	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.06
21323	30814	68111	50	166.4	165.1	1.4	0.04	0.000*	---	3.06	0.59
21324	30816	68111	50	229.5	211.8	1.4	0.04	0.000*	---	3.85	2.112
21325	30817	68111	50	85	104.9	1.4	0.04	0.000*	---	2.01	0.032
21326	30818	68111	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.319
21327	30819	68111	50	123.2	133.1	1.4	0.04	0.000*	---	2.51	0.162
21328	30823	68111	50	36.6	69.1	1.4	0.04	0.000*	---	1.36	0.001
21329	30824	68111	50	89.5	108.3	1.4	0.04	0.000*	---	2.07	0.04
21330	30825	68111	50	183.3	177.6	1.4	0.04	0.000*	---	3.28	0.878
21331	30826	68111	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
21332	30829	68111	50	75.5	97.8	1.4	0.04	0.000*	---	1.88	0.019
21333	30830	68111	50	76.8	98.8	1.4	0.04	0.000*	---	1.9	0.02
21334	30831	68111	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.203
21335	30833	68111	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
21336	30835	68111	50	163.2	162.7	1.4	0.04	0.000*	---	3.02	0.544
21337	30836	68111	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
21338	30837	68111	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
21339	30838	68111	50	508.3	418.1	1.4	0.04	0.000*	---	7.05	22.846
21340	30841	68111	50	206.7	194.9	1.4	0.04	0.000*	---	3.57	1.415
21341	30843	68111	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
21342	30844	68111	50	231.3	213.2	1.4	0.04	0.000*	---	3.87	2.176
21343	30848	68111	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.234
21344	30849	68111	50	271.2	242.7	1.4	0.04	0.000*	---	4.36	3.851
21345	30856	68111	50	123.2	133.2	1.4	0.04	0.000*	---	2.51	0.163
21346	30857	68111	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
21347	30859	68111	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.609
21348	30861	68111	50	143.9	148.5	1.4	0.04	0.000*	---	2.77	0.319
21349	30863	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21350	30864	68111	50	235.5	216.2	1.4	0.04	0.000*	---	3.92	2.323
21351	30868	68111	50	69.1	93.1	1.4	0.04	0.000*	---	1.8	0.013
21352	30871	68111	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
21353	30873	68111	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
21354	30877	68111	50	60.3	86.6	1.4	0.04	0.000*	---	1.68	0.007
21355	30881	68111	50	92.4	110.4	1.4	0.04	0.000*	---	2.11	0.046
21356	30882	68111	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
21357	30884	68111	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
21358	30886	68111	50	273	244	1.4	0.04	0.000*	---	4.38	3.942
21359	30887	68111	50	310.6	271.9	1.4	0.04	0.000*	---	4.83	6.053
21360	30888	68111	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
21361	30889	68111	50	678.2	543.9	1.4	0.04	0.000*	---	8.81	39.358
21362	30893	68111	50	294.4	259.8	1.4	0.04	0.000*	---	4.63	5.081
21363	30897	68111	50	177.5	173.3	1.4	0.04	0.000*	---	3.2	0.77
21364	30898	68111	50	346.6	298.5	1.4	0.04	0.000*	---	5.25	8.494
21365	30899	68111	50	349.9	300.9	1.4	0.04	0.000*	---	5.28	8.735
21366	30901	68111	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
21367	30902	68111	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
21368	30903	68111	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.486
21369	30905	68111	50	334.8	289.7	1.4	0.04	0.000*	---	5.11	7.647
21370	30906	68111	50	684.5	548.6	1.4	0.04	0.000*	---	8.87	39.944
21371	30907	68111	50	366.3	313	1.4	0.04	0.000*	---	5.47	9.98
21372	30908	68111	50	267.3	239.8	1.4	0.04	0.000*	---	4.31	3.665
21373	30909	68111	50	167.4	165.9	1.4	0.04	0.000*	---	3.07	0.605
21374	30911	68111	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.369
21375	30912	68111	50	755.5	601.1	1.4	0.04	0.000*	---	9.57	46.252
21376	30913	68111	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
21377	30914	68111	50	77.5	99.4	1.4	0.04	0.000*	---	1.91	0.021
21378	30916	68111	50	115.3	127.3	1.4	0.04	0.000*	---	2.41	0.122
21379	30917	68111	50	428.9	359.4	1.4	0.04	0.000*	---	6.18	15.295
21380	30918	68111	50	57.4	84.5	1.4	0.04	0.000*	---	1.64	0.006
21381	30920	68111	50	170.1	167.9	1.4	0.04	0.000*	---	3.11	0.647
21382	30922	68111	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.397
21383	30923	68111	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
21384	30926	68111	50	137.4	143.7	1.4	0.04	0.000*	---	2.69	0.261
21385	30927	68111	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
21386	30928	68111	50	295.5	260.6	1.4	0.04	0.000*	---	4.65	5.145
21387	30929	68111	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.293
21388	30931	68111	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
21389	30932	68111	50	290.9	257.3	1.4	0.04	0.000*	---	4.59	4.887
21390	30933	68111	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.285
21391	30935	68111	50	93.2	110.9	1.4	0.04	0.000*	---	2.11	0.047
21392	30937	68111	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.303
21393	30939	68111	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.416
21394	30941	68111	50	132.8	140.3	1.4	0.04	0.000*	---	2.63	0.225
21395	30942	68111	50	154.1	156.1	1.4	0.04	0.000*	---	2.91	0.427
21396	30943	68111	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.434
21397	30948	68111	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
21398	30949	68111	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.319
21399	30953	68111	50	114.4	126.6	1.4	0.04	0.000*	---	2.39	0.117
21400	30955	68111	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.205
21401	30956	68111	50	630.8	508.8	1.4	0.04	0.000*	---	8.33	34.88
21402	30959	68111	50	111	124.2	1.4	0.04	0.000*	---	2.35	0.103
21403	30960	68111	50	139.4	145.2	1.4	0.04	0.000*	---	2.72	0.279
21404	30962	68111	50	244.4	222.9	1.4	0.04	0.000*	---	4.03	2.663
21405	30967	68111	50	202.2	191.6	1.4	0.04	0.000*	---	3.51	1.299
21406	30968	68111	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
21407	30969	68111	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.328
21408	30970	68111	50	440	367.6	1.4	0.04	0.000*	---	6.3	16.317
21409	30972	68111	50	449.3	374.5	1.4	0.04	0.000*	---	6.41	17.174
21410	30973	68111	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.684

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21411	30976	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
21412	30978	68111	50	156.7	158	1.4	0.04	0.000*	---	2.94	0.459
21413	30979	68111	50	279.9	249.1	1.4	0.04	0.000*	---	4.46	4.291
21414	30981	68111	50	568.9	463	1.4	0.04	0.000*	---	7.69	28.826
21415	30983	68111	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.612
21416	30984	68111	50	125	134.5	1.4	0.04	0.000*	---	2.53	0.173
21417	30985	68111	50	571	464.6	1.4	0.04	0.000*	---	7.71	29.041
21418	30988	68111	50	282.4	250.9	1.4	0.04	0.000*	---	4.49	4.421
21419	30989	68111	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.731
21420	30990	68111	50	235.5	216.2	1.4	0.04	0.000*	---	3.92	2.323
21421	30991	68111	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.216
21422	30995	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
21423	30997	68111	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.348
21424	30999	68111	50	106.1	120.5	1.4	0.04	0.000*	---	2.28	0.084
21425	31001	68111	50	328.7	285.2	1.4	0.04	0.000*	---	5.04	7.23
21426	31003	68111	50	152.5	154.8	1.4	0.04	0.000*	---	2.88	0.409
21427	31004	68111	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.776
21428	31005	68111	50	482.2	398.8	1.4	0.04	0.000*	---	6.77	20.305
21429	31007	68111	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
21430	31008	68111	50	99.8	115.8	1.4	0.04	0.000*	---	2.2	0.064
21431	31009	68111	50	80.6	101.7	1.4	0.04	0.000*	---	1.95	0.025
21432	31010	68111	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.537
21433	31011	68111	50	334.5	289.5	1.4	0.04	0.000*	---	5.11	7.631
21434	31012	68111	50	143.1	147.9	1.4	0.04	0.000*	---	2.77	0.312
21435	31014	68111	50	359.9	308.4	1.4	0.04	0.000*	---	5.4	9.491
21436	31015	68111	50	64.9	90	1.4	0.04	0.000*	---	1.74	0.01
21437	31016	68111	50	105.3	119.9	1.4	0.04	0.000*	---	2.27	0.081
21438	31017	68111	50	242	221.1	1.4	0.04	0.000*	---	4	2.567
21439	31019	68111	50	77.5	99.4	1.4	0.04	0.000*	---	1.91	0.021
21440	31022	68111	50	95	112.3	1.4	0.04	0.000*	---	2.14	0.052
21441	31026	68111	50	98.6	115	1.4	0.04	0.000*	---	2.19	0.061
21442	31027	68111	50	82.9	103.3	1.4	0.04	0.000*	---	1.98	0.028
21443	31029	68111	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
21444	31030	68111	50	185.3	179.1	1.4	0.04	0.000*	---	3.3	0.917
21445	31031	68111	50	380.5	323.5	1.4	0.04	0.000*	---	5.63	11.115
21446	31032	68111	50	270.1	241.9	1.4	0.04	0.000*	---	4.34	3.798
21447	31034	68111	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.87
21448	31036	68111	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
21449	31037	68111	50	319.1	278.1	1.4	0.04	0.000*	---	4.93	6.593
21450	31040	68111	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355
21451	31041	68111	50	409.6	345.1	1.4	0.04	0.000*	---	5.97	13.584
21452	31042	68111	50	137.5	143.7	1.4	0.04	0.000*	---	2.69	0.262
21453	31044	68111	50	324.7	282.3	1.4	0.04	0.000*	---	4.99	6.959
21454	31045	68111	50	75.1	97.5	1.4	0.04	0.000*	---	1.87	0.018
21455	31046	68111	50	193.3	185.1	1.4	0.04	0.000*	---	3.4	1.088
21456	31051	68111	50	73.3	96.3	1.4	0.04	0.000*	---	1.85	0.017
21457	31052	68111	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
21458	31054	68111	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
21459	31055	68111	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.311
21460	31056	68111	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.348
21461	31057	68111	50	173.3	170.3	1.4	0.04	0.000*	---	3.15	0.698
21462	31058	68111	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
21463	31061	68111	50	91.2	109.4	1.4	0.04	0.000*	---	2.09	0.043
21464	31062	68111	50	99.2	115.4	1.4	0.04	0.000*	---	2.19	0.063
21465	31065	68111	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
21466	31067	68111	50	342.5	295.4	1.4	0.04	0.000*	---	5.2	8.193
21467	31071	68111	50	250.3	227.2	1.4	0.04	0.000*	---	4.1	2.903
21468	31072	68111	50	107.5	121.6	1.4	0.04	0.000*	---	2.3	0.089
21469	31074	68111	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
21470	31076	68111	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
21471	31077	68111	50	236	216.6	1.4	0.04	0.000*	---	3.93	2.342

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21472	31078	68111	50	39.2	71	1.4	0.04	0.000*	---	1.39	0.001
21473	31080	68111	50	140.9	146.3	1.4	0.04	0.000*	---	2.74	0.291
21474	31081	68111	50	186.3	179.9	1.4	0.04	0.000*	---	3.31	0.938
21475	31086	68111	50	91	109.3	1.4	0.04	0.000*	---	2.09	0.043
21476	31088	68111	50	324.1	281.8	1.4	0.04	0.000*	---	4.98	6.92
21477	31090	68111	50	105.6	120.2	1.4	0.04	0.000*	---	2.28	0.082
21478	31091	68111	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.006
21479	31093	68111	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
21480	31095	68111	50	292.6	258.6	1.4	0.04	0.000*	---	4.61	4.984
21481	31099	68111	50	109.2	122.8	1.4	0.04	0.000*	---	2.32	0.095
21482	31100	68111	50	135.4	142.2	1.4	0.04	0.000*	---	2.67	0.245
21483	31101	68111	50	249.9	226.9	1.4	0.04	0.000*	---	4.1	2.887
21484	31102	68111	50	183.6	177.9	1.4	0.04	0.000*	---	3.28	0.885
21485	31103	68111	50	258.2	233.1	1.4	0.04	0.000*	---	4.2	3.242
21486	31104	68111	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
21487	31106	68111	50	177.7	173.5	1.4	0.04	0.000*	---	3.21	0.774
21488	31107	68111	50	95.1	112.4	1.4	0.04	0.000*	---	2.14	0.052
21489	31108	68111	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.514
21490	31109	68111	50	147.8	151.4	1.4	0.04	0.000*	---	2.82	0.358
21491	31112	68111	50	144.3	148.8	1.4	0.04	0.000*	---	2.78	0.322
21492	31113	68111	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
21493	31114	68111	50	59.1	85.8	1.4	0.04	0.000*	---	1.66	0.007
21494	31116	68111	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
21495	31117	68111	50	350.9	301.6	1.4	0.04	0.000*	---	5.3	8.808
21496	31118	68111	50	62.1	88	1.4	0.04	0.000*	---	1.7	0.008
21497	31120	68111	50	404.8	341.5	1.4	0.04	0.000*	---	5.91	13.159
21498	31122	68111	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
21499	31124	68111	50	428.8	359.3	1.4	0.04	0.000*	---	6.18	15.29
21500	31125	68111	50	151.9	154.4	1.4	0.04	0.000*	---	2.88	0.402
21501	31127	68111	50	61.2	87.3	1.4	0.04	0.000*	---	1.69	0.008
21502	31129	68111	50	127.5	136.3	1.4	0.04	0.000*	---	2.56	0.189
21503	31131	68111	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
21504	31133	68111	50	96.8	113.6	1.4	0.04	0.000*	---	2.16	0.056
21505	31134	68111	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
21506	31136	68111	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
21507	31138	68111	50	206.6	194.9	1.4	0.04	0.000*	---	3.57	1.414
21508	31139	68111	50	155.2	156.9	1.4	0.04	0.000*	---	2.92	0.44
21509	31141	68111	50	108.7	122.4	1.4	0.04	0.000*	---	2.32	0.094
21510	31142	68111	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
21511	31143	68111	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
21512	31145	68111	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
21513	31146	68111	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
21514	31148	68111	50	355.8	305.3	1.4	0.04	0.000*	---	5.35	9.179
21515	31152	68111	50	187.6	180.9	1.4	0.04	0.000*	---	3.33	0.965
21516	31154	68111	50	88.8	107.8	1.4	0.04	0.000*	---	2.06	0.038
21517	31156	68111	50	381.6	324.4	1.4	0.04	0.000*	---	5.65	11.211
21518	31161	68111	50	59.4	85.9	1.4	0.04	0.000*	---	1.67	0.007
21519	31162	68111	50	349.2	300.4	1.4	0.04	0.000*	---	5.28	8.687
21520	31163	68111	50	210.1	197.4	1.4	0.04	0.000*	---	3.61	1.507
21521	31164	68111	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.034
21522	31168	68111	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
21523	31169	68111	50	110.5	123.8	1.4	0.04	0.000*	---	2.34	0.101
21524	31171	68111	50	48.3	77.8	1.4	0.04	0.000*	---	1.52	0.003
21525	31175	68111	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
21526	31176	68111	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
21527	31178	68111	50	136.4	142.9	1.4	0.04	0.000*	---	2.68	0.253
21528	31179	68111	50	140.3	145.8	1.4	0.04	0.000*	---	2.73	0.286
21529	31180	68111	50	438.1	366.2	1.4	0.04	0.000*	---	6.28	16.143
21530	31182	68111	50	113.7	126.2	1.4	0.04	0.000*	---	2.38	0.114
21531	31183	68111	50	152.5	154.9	1.4	0.04	0.000*	---	2.89	0.409
21532	31185	68111	50	78.7	100.3	1.4	0.04	0.000*	---	1.92	0.023

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21533	31186	68111	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
21534	31188	68111	50	169.4	167.4	1.4	0.04	0.000*	---	3.1	0.636
21535	31189	68111	50	527.4	432.3	1.4	0.04	0.000*	---	7.25	24.729
21536	31190	68111	50	556.5	453.8	1.4	0.04	0.000*	---	7.56	27.6
21537	31191	68111	50	290.3	256.8	1.4	0.04	0.000*	---	4.58	4.852
21538	31192	68111	50	181.1	176	1.4	0.04	0.000*	---	3.25	0.837
21539	31198	68111	50	741.5	590.7	1.4	0.04	0.000*	---	9.43	45.041
21540	31202	68111	50	573.8	466.6	1.4	0.04	0.000*	---	7.74	29.31
21541	31203	68111	50	602.8	488.1	1.4	0.04	0.000*	---	8.04	32.166
21542	31206	68111	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
21543	31207	68111	50	482	398.7	1.4	0.04	0.000*	---	6.77	20.289
21544	31208	68111	50	254.4	230.3	1.4	0.04	0.000*	---	4.15	3.077
21545	31211	68111	50	112.9	125.5	1.4	0.04	0.000*	---	2.37	0.111
21546	31212	68111	50	59.8	86.3	1.4	0.04	0.000*	---	1.67	0.007
21547	31213	68111	50	581.7	472.5	1.4	0.04	0.000*	---	7.83	30.094
21548	31215	68111	50	437.2	365.5	1.4	0.04	0.000*	---	6.27	16.058
21549	31221	68111	50	455	378.7	1.4	0.04	0.000*	---	6.47	17.714
21550	31222	68111	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.004
21551	31225	68111	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.598
21552	31226	68111	50	314.9	275	1.4	0.04	0.000*	---	4.88	6.319
21553	31227	68111	50	186.7	180.2	1.4	0.04	0.000*	---	3.32	0.946
21554	31229	68111	50	260.7	234.9	1.4	0.04	0.000*	---	4.23	3.356
21555	31232	68111	50	296.3	261.3	1.4	0.04	0.000*	---	4.66	5.194
21556	31234	68111	50	333.7	288.9	1.4	0.04	0.000*	---	5.1	7.572
21557	31236	68111	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
21558	31237	68111	50	336.2	290.8	1.4	0.04	0.000*	---	5.12	7.746
21559	31239	68111	50	76	98.2	1.4	0.04	0.000*	---	1.89	0.019
21560	31242	68111	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.856
21561	31243	68111	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
21562	31246	68111	50	541.1	442.4	1.4	0.04	0.000*	---	7.4	26.083
21563	31248	68111	50	284.5	252.5	1.4	0.04	0.000*	---	4.52	4.536
21564	31251	68111	50	65.2	90.3	1.4	0.04	0.000*	---	1.74	0.01
21565	31252	68111	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
21566	31253	68111	50	274.4	245.1	1.4	0.04	0.000*	---	4.39	4.013
21567	31254	68111	50	241.4	220.6	1.4	0.04	0.000*	---	4	2.546
21568	31255	68111	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.909
21569	31256	68111	50	259.7	234.2	1.4	0.04	0.000*	---	4.22	3.31
21570	31257	68111	50	531	434.9	1.4	0.04	0.000*	---	7.29	25.079
21571	31259	68111	50	337	291.4	1.4	0.04	0.000*	---	5.13	7.804
21572	31262	68111	50	317.8	277.2	1.4	0.04	0.000*	---	4.91	6.509
21573	31264	68111	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
21574	31265	68111	50	382.6	325.2	1.4	0.04	0.000*	---	5.66	11.294
21575	31266	68111	50	257.5	232.6	1.4	0.04	0.000*	---	4.19	3.213
21576	31267	68111	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.699
21577	31268	68111	50	82.6	103.2	1.4	0.04	0.000*	---	1.98	0.028
21578	31269	68111	50	181.8	176.6	1.4	0.04	0.000*	---	3.26	0.85
21579	31271	68111	50	45	75.3	1.4	0.04	0.000*	---	1.47	0.002
21580	31272	68111	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.678
21581	31273	68111	50	90.9	109.3	1.4	0.04	0.000*	---	2.09	0.043
21582	31274	68111	50	288.5	255.5	1.4	0.04	0.000*	---	4.56	4.753
21583	31275	68111	50	329.4	285.7	1.4	0.04	0.000*	---	5.05	7.275
21584	31276	68111	50	51.3	79.9	1.4	0.04	0.000*	---	1.56	0.004
21585	31277	68111	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.152
21586	31280	68111	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.437
21587	31282	68111	50	142	147.1	1.4	0.04	0.000*	---	2.75	0.301
21588	31284	68111	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
21589	31287	68111	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
21590	31291	68111	50	71.4	94.8	1.4	0.04	0.000*	---	1.83	0.015
21591	31296	68111	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.231
21592	31300	68111	50	261.6	235.6	1.4	0.04	0.000*	---	4.24	3.398
21593	31302	68111	50	148.5	151.9	1.4	0.04	0.000*	---	2.83	0.365

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21594	31303	68111	50	259	233.6	1.4	0.04	0.000*	---	4.21	3.279
21595	31304	68111	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
21596	31305	68111	50	285	252.9	1.4	0.04	0.000*	---	4.52	4.564
21597	31309	68111	50	205.2	193.9	1.4	0.04	0.000*	---	3.55	1.377
21598	31310	68111	50	388.8	329.7	1.4	0.04	0.000*	---	5.73	11.799
21599	31311	68111	50	56.9	84.1	1.4	0.04	0.000*	---	1.63	0.006
21600	31312	68111	50	546.8	446.6	1.4	0.04	0.000*	---	7.46	26.644
21601	31313	68111	50	90.1	108.7	1.4	0.04	0.000*	---	2.07	0.041
21602	31316	68111	50	321.9	280.2	1.4	0.04	0.000*	---	4.96	6.775
21603	31321	68111	50	46.8	76.6	1.4	0.04	0.000*	---	1.49	0.003
21604	31324	68111	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
21605	31325	68111	50	487.7	402.9	1.4	0.04	0.000*	---	6.83	20.837
21606	31328	68111	50	445.9	371.9	1.4	0.04	0.000*	---	6.37	16.855
21607	31330	68111	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
21608	31331	68111	50	351.4	302	1.4	0.04	0.000*	---	5.3	8.846
21609	31333	68111	50	114.4	126.7	1.4	0.04	0.000*	---	2.39	0.117
21610	31334	68111	50	350.1	301	1.4	0.04	0.000*	---	5.29	8.748
21611	31336	68111	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
21612	31337	68111	50	296.8	261.7	1.4	0.04	0.000*	---	4.66	5.223
21613	31338	68111	50	468.7	388.8	1.4	0.04	0.000*	---	6.62	19.007
21614	31339	68111	50	54.2	82.1	1.4	0.04	0.000*	---	1.6	0.005
21615	31340	68111	50	475.7	394	1.4	0.04	0.000*	---	6.7	19.68
21616	31341	68111	50	382.3	324.9	1.4	0.04	0.000*	---	5.66	11.268
21617	31344	68111	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.613
21618	31348	68111	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
21619	31349	68111	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
21620	31351	68111	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
21621	31352	68111	50	93	110.8	1.4	0.04	0.000*	---	2.11	0.047
21622	31353	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
21623	31355	68111	50	158.2	159.1	1.4	0.04	0.000*	---	2.96	0.477
21624	31356	68111	50	150.3	153.2	1.4	0.04	0.000*	---	2.86	0.384
21625	31357	68111	50	407	343.2	1.4	0.04	0.000*	---	5.94	13.357
21626	31358	68111	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
21627	31360	68111	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.033
21628	31361	68111	50	509.9	419.4	1.4	0.04	0.000*	---	7.07	23.008
21629	31362	68111	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.688
21630	31363	68111	50	175.5	171.9	1.4	0.04	0.000*	---	3.18	0.736
21631	31364	68111	50	115	127.1	1.4	0.04	0.000*	---	2.4	0.12
21632	31365	68111	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
21633	31366	68111	50	533.8	437	1.4	0.04	0.000*	---	7.32	25.354
21634	31368	68111	50	131.6	139.4	1.4	0.04	0.000*	---	2.62	0.217
21635	31370	68111	50	328.7	285.2	1.4	0.04	0.000*	---	5.04	7.229
21636	31372	68111	50	635	511.9	1.4	0.04	0.000*	---	8.37	35.28
21637	31373	68111	50	123.3	133.3	1.4	0.04	0.000*	---	2.51	0.163
21638	31374	68111	50	65.6	90.5	1.4	0.04	0.000*	---	1.75	0.01
21639	31375	68111	50	918.7	721.9	1.4	0.04	0.000*	---	11.09	58.748
21640	31376	68111	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.276
21641	31377	68111	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.012
21642	31378	68111	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.737
21643	31379	68111	50	303	266.2	1.4	0.04	0.000*	---	4.73	5.584
21644	31381	68111	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.331
21645	31382	68111	50	346	298	1.4	0.04	0.000*	---	5.24	8.45
21646	31386	68111	50	113	125.6	1.4	0.04	0.000*	---	2.38	0.111
21647	31387	68111	50	128.2	136.9	1.4	0.04	0.000*	---	2.57	0.194
21648	31390	68111	50	375	319.5	1.4	0.04	0.000*	---	5.57	10.672
21649	31393	68111	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.356
21650	31395	68111	50	184.8	178.7	1.4	0.04	0.000*	---	3.29	0.907
21651	31397	68111	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
21652	31398	68111	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.633
21653	31400	68111	50	227.5	210.3	1.4	0.04	0.000*	---	3.82	2.043
21654	31403	68111	50	108.4	122.2	1.4	0.04	0.000*	---	2.31	0.092

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21655	31408	68111	50	74.7	97.3	1.4	0.04	0.000*	---	1.87	0.018
21656	31409	68111	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
21657	31411	68111	50	186.3	179.9	1.4	0.04	0.000*	---	3.31	0.937
21658	31413	68111	50	608.9	492.6	1.4	0.04	0.000*	---	8.11	32.759
21659	31414	68111	50	171.3	168.8	1.4	0.04	0.000*	---	3.12	0.666
21660	31415	68111	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
21661	31416	68111	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
21662	31417	68111	50	95.4	112.6	1.4	0.04	0.000*	---	2.14	0.053
21663	31418	68111	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.396
21664	31419	68111	50	205.7	194.2	1.4	0.04	0.000*	---	3.56	1.389
21665	31420	68111	50	60.6	86.8	1.4	0.04	0.000*	---	1.68	0.007
21666	31421	68111	50	291.9	258	1.4	0.04	0.000*	---	4.6	4.94
21667	31423	68111	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.796
21668	31425	68111	50	456.4	379.8	1.4	0.04	0.000*	---	6.49	17.845
21669	31426	68111	50	243.6	222.3	1.4	0.04	0.000*	---	4.02	2.632
21670	31427	68111	50	70.6	94.2	1.4	0.04	0.000*	---	1.81	0.014
21671	31429	68111	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
21672	31430	68111	50	188.3	181.3	1.4	0.04	0.000*	---	3.34	0.979
21673	31431	68111	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
21674	31432	68111	50	252.9	229.2	1.4	0.04	0.000*	---	4.14	3.014
21675	31433	68111	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.178
21676	31434	68111	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
21677	31435	68111	50	110.5	123.8	1.4	0.04	0.000*	---	2.34	0.101
21678	31436	68111	50	313.7	274.1	1.4	0.04	0.000*	---	4.86	6.244
21679	31437	68111	50	167.6	166	1.4	0.04	0.000*	---	3.08	0.607
21680	31438	68111	50	154.3	156.2	1.4	0.04	0.000*	---	2.91	0.43
21681	31439	68111	50	337.8	291.9	1.4	0.04	0.000*	---	5.14	7.858
21682	31440	68111	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
21683	31441	68111	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.324
21684	31442	68111	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.059
21685	31443	68111	50	123.7	133.6	1.4	0.04	0.000*	---	2.51	0.166
21686	31444	68111	50	259.3	233.9	1.4	0.04	0.000*	---	4.21	3.293
21687	31445	68111	50	135	141.9	1.4	0.04	0.000*	---	2.66	0.242
21688	31446	68111	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.799
21689	31447	68111	50	71.5	94.9	1.4	0.04	0.000*	---	1.83	0.015
21690	31449	68111	50	203.8	192.8	1.4	0.04	0.000*	---	3.53	1.34
21691	31450	68111	50	657.5	528.5	1.4	0.04	0.000*	---	8.6	37.419
21692	31451	68111	50	103.3	118.4	1.4	0.04	0.000*	---	2.25	0.075
21693	31452	68111	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
21694	31453	68111	50	136.7	143.2	1.4	0.04	0.000*	---	2.68	0.256
21695	31454	68111	50	198.1	188.6	1.4	0.04	0.000*	---	3.46	1.199
21696	31455	68111	50	65.1	90.1	1.4	0.04	0.000*	---	1.74	0.01
21697	31456	68111	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
21698	31457	68111	50	397.5	336.1	1.4	0.04	0.000*	---	5.83	12.533
21699	31458	68111	50	357.4	306.5	1.4	0.04	0.000*	---	5.37	9.297
21700	31463	68111	50	490	404.6	1.4	0.04	0.000*	---	6.85	21.064
21701	31464	68111	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.655
21702	31465	68111	50	47.3	77	1.4	0.04	0.000*	---	1.5	0.003
21703	31467	68111	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
21704	31468	68111	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.812
21705	31469	68111	50	108.3	122.2	1.4	0.04	0.000*	---	2.31	0.092
21706	31470	68111	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.047
21707	31471	68111	50	514.6	422.8	1.4	0.04	0.000*	---	7.12	23.469
21708	31473	68111	50	177.7	173.5	1.4	0.04	0.000*	---	3.21	0.774
21709	31476	68111	50	176.4	172.5	1.4	0.04	0.000*	---	3.19	0.75
21710	31478	68111	50	354.7	304.5	1.4	0.04	0.000*	---	5.34	9.091
21711	31479	68111	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
21712	31480	68111	50	104.5	119.3	1.4	0.04	0.000*	---	2.26	0.079
21713	31481	68111	50	103.1	118.3	1.4	0.04	0.000*	---	2.25	0.074
21714	31483	68111	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
21715	31484	68111	50	498.8	411.1	1.4	0.04	0.000*	---	6.95	21.916

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21716	31485	68111	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
21717	31487	68111	50	344.6	297	1.4	0.04	0.000*	---	5.22	8.35
21718	31488	68111	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
21719	31489	68111	50	786	623.6	1.4	0.04	0.000*	---	9.86	48.803
21720	31491	68111	50	229.4	211.7	1.4	0.04	0.000*	---	3.85	2.108
21721	31494	68111	50	150.6	153.4	1.4	0.04	0.000*	---	2.86	0.387
21722	31495	68111	50	464.7	385.9	1.4	0.04	0.000*	---	6.58	18.625
21723	31498	68111	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.412
21724	31499	68111	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
21725	31500	68111	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.649
21726	31501	68111	50	58.5	85.3	1.4	0.04	0.000*	---	1.65	0.006
21727	31505	68111	50	70.8	94.4	1.4	0.04	0.000*	---	1.82	0.014
21728	31506	68111	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
21729	31507	68111	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.12
21730	31509	68111	50	444.2	370.7	1.4	0.04	0.000*	---	6.35	16.7
21731	31510	68111	50	56.8	84	1.4	0.04	0.000*	---	1.63	0.006
21732	31515	68111	50	104.7	119.5	1.4	0.04	0.000*	---	2.27	0.079
21733	31516	68111	50	465.3	386.3	1.4	0.04	0.000*	---	6.58	18.683
21734	31517	68111	50	566.5	461.3	1.4	0.04	0.000*	---	7.67	28.597
21735	31519	68111	50	124.8	134.3	1.4	0.04	0.000*	---	2.53	0.172
21736	31520	68111	50	56.8	84	1.4	0.04	0.000*	---	1.63	0.006
21737	31522	68111	50	83.2	103.6	1.4	0.04	0.000*	---	1.98	0.029
21738	31525	68111	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
21739	31527	68111	50	108.3	122.2	1.4	0.04	0.000*	---	2.31	0.092
21740	31528	68111	50	312.6	273.3	1.4	0.04	0.000*	---	4.85	6.175
21741	31529	68111	50	210.6	197.8	1.4	0.04	0.000*	---	3.62	1.522
21742	31532	68111	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
21743	31533	68111	50	53.4	81.5	1.4	0.04	0.000*	---	1.58	0.004
21744	31534	68111	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
21745	31540	68111	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.93
21746	31541	68111	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
21747	31544	68111	50	110.6	123.8	1.4	0.04	0.000*	---	2.34	0.101
21748	31546	68111	50	158.8	159.5	1.4	0.04	0.000*	---	2.96	0.485
21749	31547	68111	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
21750	31548	68111	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.134
21751	31553	68111	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
21752	31555	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
21753	31558	68111	50	542.3	443.3	1.4	0.04	0.000*	---	7.41	26.201
21754	31560	68111	50	71.9	95.2	1.4	0.04	0.000*	---	1.83	0.015
21755	31561	68111	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
21756	31565	68111	50	139.4	145.1	1.4	0.04	0.000*	---	2.72	0.278
21757	31566	68111	50	329	285.5	1.4	0.04	0.000*	---	5.04	7.251
21758	31567	68111	50	333	288.5	1.4	0.04	0.000*	---	5.09	7.529
21759	31569	68111	50	484.3	400.4	1.4	0.04	0.000*	---	6.79	20.506
21760	31572	68111	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.23
21761	31574	68111	50	485.8	401.5	1.4	0.04	0.000*	---	6.81	20.648
21762	31576	68111	50	547.8	447.3	1.4	0.04	0.000*	---	7.47	26.739
21763	31577	68111	50	141.7	146.9	1.4	0.04	0.000*	---	2.75	0.299
21764	31581	68111	50	42	73.1	1.4	0.04	0.000*	---	1.43	0.002
21765	31582	68111	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
21766	31583	68111	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.261
21767	31585	68111	50	196.2	187.2	1.4	0.04	0.000*	---	3.44	1.154
21768	31586	68111	50	475.9	394.2	1.4	0.04	0.000*	---	6.7	19.702
21769	31588	68111	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
21770	31589	68111	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.059
21771	31591	68111	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.082
21772	31593	68111	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
21773	31595	68111	50	295.9	261	1.4	0.04	0.000*	---	4.65	5.169
21774	31597	68111	50	394	333.6	1.4	0.04	0.000*	---	5.79	12.242
21775	31598	68111	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.812
21776	31599	68111	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.874

LEAD BATCH MODE OUTPUT FILE
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* : signify default values used in place of missing input data.
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21777	31600	68111	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.626
21778	31602	68111	50	88.6	107.5	1.4	0.04	0.000*	---	2.05	0.038
21779	31603	68111	50	1202.5	931.9	1.4	0.04	0.000*	---	13.54	74.038
21780	31604	68111	50	70.9	94.5	1.4	0.04	0.000*	---	1.82	0.014
21781	31606	68111	50	162.1	161.9	1.4	0.04	0.000*	---	3.01	0.528
21782	31607	68111	50	765.6	608.5	1.4	0.04	0.000*	---	9.66	47.104
21783	31608	68111	50	157.8	158.8	1.4	0.04	0.000*	---	2.95	0.472
21784	31612	68111	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
21785	31613	68111	50	326.5	283.6	1.4	0.04	0.000*	---	5.01	7.079
21786	31615	68111	50	216.5	202.2	1.4	0.04	0.000*	---	3.69	1.694
21787	31616	68111	50	249.4	226.5	1.4	0.04	0.000*	---	4.09	2.864
21788	31617	68111	50	318.3	277.6	1.4	0.04	0.000*	---	4.92	6.541
21789	31618	68111	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
21790	31619	68111	50	98.5	114.9	1.4	0.04	0.000*	---	2.18	0.06
21791	31620	68111	50	374.7	319.3	1.4	0.04	0.000*	---	5.57	10.652
21792	31622	68111	50	204.5	193.4	1.4	0.04	0.000*	---	3.54	1.359
21793	31624	68111	50	164.9	164.1	1.4	0.04	0.000*	---	3.04	0.568
21794	31626	68111	50	69.8	93.7	1.4	0.04	0.000*	---	1.8	0.013
21795	31627	68111	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
21796	31628	68111	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
21797	31629	68111	50	391.1	331.4	1.4	0.04	0.000*	---	5.76	11.993
21798	31631	68111	50	496.3	409.3	1.4	0.04	0.000*	---	6.92	21.671
21799	31635	68111	50	102.1	117.5	1.4	0.04	0.000*	---	2.23	0.071
21800	31636	68111	50	191.6	183.8	1.4	0.04	0.000*	---	3.38	1.05
21801	31638	68111	50	60.8	87	1.4	0.04	0.000*	---	1.68	0.008
21802	31640	68111	50	101.2	116.9	1.4	0.04	0.000*	---	2.22	0.068
21803	31641	68111	50	243.2	222	1.4	0.04	0.000*	---	4.02	2.617
21804	31643	68111	50	71.1	94.6	1.4	0.04	0.000*	---	1.82	0.015
21805	31644	68111	50	458.8	381.5	1.4	0.04	0.000*	---	6.51	18.069
21806	31646	68111	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.033
21807	31647	68111	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
21808	31650	68111	50	277.1	247	1.4	0.04	0.000*	---	4.43	4.145
21809	31651	68111	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
21810	31654	68111	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
21811	31655	68111	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
21812	31656	68111	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.041
21813	31659	68111	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
21814	31660	68111	50	425.8	357.1	1.4	0.04	0.000*	---	6.15	15.017
21815	31661	68111	50	178.7	174.2	1.4	0.04	0.000*	---	3.22	0.792
21816	31662	68111	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
21817	31664	68111	50	178.8	174.3	1.4	0.04	0.000*	---	3.22	0.794
21818	31666	68111	50	253.7	229.8	1.4	0.04	0.000*	---	4.14	3.047
21819	31668	68111	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.805
21820	31670	68111	50	86.7	106.1	1.4	0.04	0.000*	---	2.03	0.034
21821	31671	68111	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.694
21822	31672	68111	50	448.9	374.2	1.4	0.04	0.000*	---	6.4	17.143
21823	31674	68111	50	244.2	222.7	1.4	0.04	0.000*	---	4.03	2.655
21824	31678	68111	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
21825	31679	68111	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
21826	31680	68111	50	372.4	317.6	1.4	0.04	0.000*	---	5.54	10.465
21827	31681	68111	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
21828	31682	68111	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
21829	31683	68111	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
21830	31686	68111	50	76.5	98.6	1.4	0.04	0.000*	---	1.89	0.02
21831	31691	68111	50	147.1	150.9	1.4	0.04	0.000*	---	2.82	0.351
21832	31692	68111	50	90.4	108.9	1.4	0.04	0.000*	---	2.08	0.042
21833	31694	68111	50	221.4	205.8	1.4	0.04	0.000*	---	3.75	1.843
21834	31695	68111	50	124.2	133.9	1.4	0.04	0.000*	---	2.52	0.168
21835	31697	68111	50	88.2	107.3	1.4	0.04	0.000*	---	2.05	0.037
21836	31698	68111	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
21837	31699	68111	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21838	31700	68111	50	268.9	241	1.4	0.04	0.000*	---	4.33	3.739
21839	31702	68111	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
21840	31704	68111	50	51.2	79.9	1.4	0.04	0.000*	---	1.55	0.004
21841	31707	68111	50	97.1	113.9	1.4	0.04	0.000*	---	2.17	0.057
21842	31708	68111	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
21843	31710	68111	50	50.5	79.3	1.4	0.04	0.000*	---	1.54	0.004
21844	31711	68111	50	165.3	164.3	1.4	0.04	0.000*	---	3.05	0.573
21845	31712	68111	50	318.2	277.4	1.4	0.04	0.000*	---	4.91	6.531
21846	31713	68111	50	254.2	230.1	1.4	0.04	0.000*	---	4.15	3.067
21847	31714	68111	50	112.5	125.2	1.4	0.04	0.000*	---	2.37	0.109
21848	31715	68111	50	114.8	127	1.4	0.04	0.000*	---	2.4	0.119
21849	31716	68111	50	49.1	78.4	1.4	0.04	0.000*	---	1.53	0.003
21850	31717	68111	50	92.2	110.3	1.4	0.04	0.000*	---	2.1	0.045
21851	31718	68111	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
21852	31721	68111	50	132.9	140.3	1.4	0.04	0.000*	---	2.63	0.226
21853	31722	68111	50	306.3	268.7	1.4	0.04	0.000*	---	4.77	5.786
21854	31723	68111	50	192	184.1	1.4	0.04	0.000*	---	3.38	1.058
21855	31724	68111	50	197.5	188.1	1.4	0.04	0.000*	---	3.45	1.184
21856	31725	68111	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.098
21857	31728	68111	50	92.5	110.4	1.4	0.04	0.000*	---	2.11	0.046
21858	31729	68111	50	109.3	122.9	1.4	0.04	0.000*	---	2.33	0.096
21859	31732	68111	50	154.7	156.4	1.4	0.04	0.000*	---	2.91	0.434
21860	31733	68111	50	71.3	94.7	1.4	0.04	0.000*	---	1.82	0.015
21861	31734	68111	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.737
21862	31735	68111	50	363.3	310.8	1.4	0.04	0.000*	---	5.44	9.748
21863	31736	68111	50	439.5	367.2	1.4	0.04	0.000*	---	6.3	16.266
21864	31740	68111	50	64	89.4	1.4	0.04	0.000*	---	1.73	0.009
21865	31741	68111	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.614
21866	31742	68111	50	419.3	352.3	1.4	0.04	0.000*	---	6.07	14.436
21867	31744	68111	50	308	269.9	1.4	0.04	0.000*	---	4.79	5.887
21868	31746	68111	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.437
21869	31747	68111	50	57.5	84.6	1.4	0.04	0.000*	---	1.64	0.006
21870	31748	68111	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
21871	31750	68111	50	311.4	272.5	1.4	0.04	0.000*	---	4.83	6.102
21872	31751	68111	50	66	90.8	1.4	0.04	0.000*	---	1.75	0.011
21873	31752	68111	50	273.6	244.5	1.4	0.04	0.000*	---	4.38	3.971
21874	31754	68111	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
21875	31755	68111	50	55.6	83.2	1.4	0.04	0.000*	---	1.61	0.005
21876	31756	68111	50	339.5	293.3	1.4	0.04	0.000*	---	5.16	7.984
21877	31758	68111	50	438.7	366.6	1.4	0.04	0.000*	---	6.29	16.195
21878	31759	68111	50	290.5	257	1.4	0.04	0.000*	---	4.59	4.864
21879	31762	68111	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.447
21880	31763	68111	50	179.6	174.9	1.4	0.04	0.000*	---	3.23	0.808
21881	31764	68111	50	496.9	409.7	1.4	0.04	0.000*	---	6.93	21.73
21882	31765	68111	50	224.7	208.3	1.4	0.04	0.000*	---	3.79	1.952
21883	31766	68111	50	368.6	314.7	1.4	0.04	0.000*	---	5.5	10.162
21884	31769	68111	50	207.6	195.6	1.4	0.04	0.000*	---	3.58	1.439
21885	31770	68111	50	238.7	218.6	1.4	0.04	0.000*	---	3.96	2.442
21886	31771	68111	50	457	380.2	1.4	0.04	0.000*	---	6.49	17.897
21887	31772	68111	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
21888	31773	68111	50	111.3	124.4	1.4	0.04	0.000*	---	2.35	0.104
21889	31774	68111	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
21890	31775	68111	50	293.9	259.5	1.4	0.04	0.000*	---	4.63	5.054
21891	31776	68111	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.015
21892	31777	68111	50	250.1	227.1	1.4	0.04	0.000*	---	4.1	2.894
21893	31778	68111	50	63.5	89	1.4	0.04	0.000*	---	1.72	0.009
21894	31779	68111	50	420.7	353.3	1.4	0.04	0.000*	---	6.09	14.562
21895	31780	68111	50	187.8	180.9	1.4	0.04	0.000*	---	3.33	0.967
21896	31783	68111	50	310.4	271.7	1.4	0.04	0.000*	---	4.82	6.041
21897	31784	68111	50	300.2	264.2	1.4	0.04	0.000*	---	4.7	5.421
21898	31785	68111	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.909

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* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21899	31786	68111	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
21900	31788	68111	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
21901	31789	68111	50	103.2	118.4	1.4	0.04	0.000*	---	2.25	0.075
21902	31790	68111	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
21903	31791	68111	50	305.1	267.8	1.4	0.04	0.000*	---	4.76	5.711
21904	31792	68111	50	236.3	216.9	1.4	0.04	0.000*	---	3.93	2.355
21905	31793	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
21906	31794	68111	50	203.2	192.3	1.4	0.04	0.000*	---	3.52	1.324
21907	31795	68111	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
21908	31796	68111	50	127.4	136.3	1.4	0.04	0.000*	---	2.56	0.188
21909	31797	68111	50	80.2	101.3	1.4	0.04	0.000*	---	1.94	0.025
21910	31799	68111	50	245.9	223.9	1.4	0.04	0.000*	---	4.05	2.721
21911	31800	68111	50	57.9	84.8	1.4	0.04	0.000*	---	1.65	0.006
21912	31801	68111	50	779.8	619.1	1.4	0.04	0.000*	---	9.8	48.299
21913	31803	68111	50	78.8	100.3	1.4	0.04	0.000*	---	1.92	0.023
21914	31804	68111	50	249	226.3	1.4	0.04	0.000*	---	4.09	2.85
21915	31805	68111	50	78.7	100.2	1.4	0.04	0.000*	---	1.92	0.023
21916	31806	68111	50	70.9	94.5	1.4	0.04	0.000*	---	1.82	0.014
21917	31808	68111	50	2112.1	1604.9	1.4	0.04	0.000*	---	20.03	93.034
21918	31809	68111	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
21919	31810	68111	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
21920	31811	68111	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
21921	31812	68111	50	165.2	164.3	1.4	0.04	0.000*	---	3.05	0.572
21922	31813	68111	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.862
21923	31816	68111	50	45.8	75.9	1.4	0.04	0.000*	---	1.48	0.002
21924	31817	68111	50	40.2	71.7	1.4	0.04	0.000*	---	1.41	0.001
21925	31819	68111	50	306.8	269	1.4	0.04	0.000*	---	4.78	5.818
21926	31821	68111	50	78.1	99.8	1.4	0.04	0.000*	---	1.92	0.022
21927	31822	68111	50	118.7	129.9	1.4	0.04	0.000*	---	2.45	0.138
21928	31823	68111	50	84.9	104.9	1.4	0.04	0.000*	---	2.01	0.032
21929	31824	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
21930	31825	68111	50	50.3	79.2	1.4	0.04	0.000*	---	1.54	0.003
21931	31826	68111	50	178.2	173.8	1.4	0.04	0.000*	---	3.21	0.782
21932	31827	68111	50	80.3	101.4	1.4	0.04	0.000*	---	1.94	0.025
21933	31828	68111	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.237
21934	31831	68111	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.731
21935	31835	68111	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
21936	31836	68111	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.994
21937	31838	68111	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
21938	31839	68111	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
21939	31840	68111	50	284.9	252.9	1.4	0.04	0.000*	---	4.52	4.558
21940	31841	68111	50	429	359.5	1.4	0.04	0.000*	---	6.18	15.313
21941	31843	68111	50	293.2	259	1.4	0.04	0.000*	---	4.62	5.015
21942	31844	68111	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.031
21943	31845	68111	50	81.4	102.2	1.4	0.04	0.000*	---	1.96	0.026
21944	31846	68111	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
21945	31847	68111	50	234.2	215.3	1.4	0.04	0.000*	---	3.91	2.279
21946	31848	68111	50	718.5	573.7	1.4	0.04	0.000*	---	9.21	43.025
21947	31849	68111	50	117.9	129.2	1.4	0.04	0.000*	---	2.44	0.134
21948	31850	68111	50	217.2	202.8	1.4	0.04	0.000*	---	3.7	1.715
21949	31851	68111	50	194	185.5	1.4	0.04	0.000*	---	3.41	1.102
21950	31852	68111	50	161.3	161.3	1.4	0.04	0.000*	---	3	0.517
21951	31853	68111	50	241.3	220.5	1.4	0.04	0.000*	---	3.99	2.54
21952	31854	68111	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
21953	31856	68111	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.005
21954	31858	68111	50	119.1	130.1	1.4	0.04	0.000*	---	2.45	0.14
21955	31859	68111	50	75.1	97.6	1.4	0.04	0.000*	---	1.87	0.018
21956	31860	68111	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
21957	31861	68111	50	147.7	151.3	1.4	0.04	0.000*	---	2.82	0.357
21958	31862	68111	50	141.7	146.8	1.4	0.04	0.000*	---	2.75	0.298
21959	31864	68111	50	58	84.9	1.4	0.04	0.000*	---	1.65	0.006

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
21960	31865	68111	50	68	92.3	1.4	0.04	0.000*	---	1.78	0.012
21961	31868	68111	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
21962	31869	68111	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
21963	31871	68111	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
21964	31872	68111	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
21965	31873	68111	50	407.1	343.2	1.4	0.04	0.000*	---	5.94	13.361
21966	31874	68111	50	483.3	399.6	1.4	0.04	0.000*	---	6.78	20.406
21967	31875	68111	50	178.8	174.3	1.4	0.04	0.000*	---	3.22	0.793
21968	31876	68111	50	105.9	120.4	1.4	0.04	0.000*	---	2.28	0.083
21969	31878	68111	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
21970	31879	68111	50	190.8	183.2	1.4	0.04	0.000*	---	3.37	1.032
21971	31880	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
21972	31882	68111	50	86.4	105.9	1.4	0.04	0.000*	---	2.03	0.034
21973	31887	68111	50	180.2	175.3	1.4	0.04	0.000*	---	3.24	0.819
21974	31889	68111	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
21975	31891	68111	50	63.8	89.3	1.4	0.04	0.000*	---	1.73	0.009
21976	31892	68111	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
21977	31894	68111	50	174	170.8	1.4	0.04	0.000*	---	3.16	0.709
21978	31895	68111	50	330.5	286.5	1.4	0.04	0.000*	---	5.06	7.351
21979	31896	68111	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
21980	31899	68111	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
21981	31901	68111	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
21982	31904	68111	50	80	101.2	1.4	0.04	0.000*	---	1.94	0.024
21983	31906	68111	50	273.3	244.2	1.4	0.04	0.000*	---	4.38	3.954
21984	31907	68111	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
21985	31908	68111	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.209
21986	31910	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
21987	31911	68111	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
21988	31913	68111	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
21989	31915	68111	50	97.8	114.4	1.4	0.04	0.000*	---	2.18	0.059
21990	31916	68111	50	553.5	451.6	1.4	0.04	0.000*	---	7.53	27.309
21991	31919	68111	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
21992	31921	68111	50	249.2	226.4	1.4	0.04	0.000*	---	4.09	2.856
21993	31922	68111	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.09
21994	31923	68111	50	148.4	151.8	1.4	0.04	0.000*	---	2.83	0.364
21995	31924	68111	50	127.5	136.4	1.4	0.04	0.000*	---	2.56	0.189
21996	31925	68111	50	370.4	316.1	1.4	0.04	0.000*	---	5.52	10.303
21997	31927	68111	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
21998	31928	68111	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.039
21999	31929	68111	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.759
22000	31930	68111	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.675
22001	31932	68111	50	886.7	698.2	1.4	0.04	0.000*	---	10.8	56.524
22002	31935	68111	50	139.3	145	1.4	0.04	0.000*	---	2.72	0.277
22003	31936	68111	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
22004	31938	68111	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
22005	31940	68111	50	87.6	106.8	1.4	0.04	0.000*	---	2.04	0.036
22006	31941	68111	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.671
22007	31943	68111	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.343
22008	31944	68111	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.033
22009	31945	68111	50	360.7	308.9	1.4	0.04	0.000*	---	5.41	9.551
22010	31946	68111	50	288.7	255.6	1.4	0.04	0.000*	---	4.56	4.761
22011	31947	68111	50	162.2	162	1.4	0.04	0.000*	---	3.01	0.53
22012	31949	68111	50	340.8	294.2	1.4	0.04	0.000*	---	5.18	8.076
22013	31952	68111	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.279
22014	31955	68111	50	140.1	145.6	1.4	0.04	0.000*	---	2.73	0.284
22015	31960	68111	50	500.8	412.6	1.4	0.04	0.000*	---	6.97	22.11
22016	31961	68111	50	373.5	318.4	1.4	0.04	0.000*	---	5.56	10.553
22017	31964	68111	50	349.9	300.9	1.4	0.04	0.000*	---	5.28	8.737
22018	31965	68111	50	317.4	276.9	1.4	0.04	0.000*	---	4.9	6.48
22019	31967	68111	50	183.7	178	1.4	0.04	0.000*	---	3.28	0.887
22020	31968	68111	50	531	434.9	1.4	0.04	0.000*	---	7.29	25.08

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22021	31970	68111	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.205
22022	31972	68111	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
22023	31973	68111	50	48.2	77.7	1.4	0.04	0.000*	---	1.51	0.003
22024	31974	68111	50	66.1	90.9	1.4	0.04	0.000*	---	1.76	0.011
22025	31975	68111	50	205.9	194.3	1.4	0.04	0.000*	---	3.56	1.394
22026	31976	68111	50	136.7	143.1	1.4	0.04	0.000*	---	2.68	0.255
22027	31977	68111	50	110.5	123.8	1.4	0.04	0.000*	---	2.34	0.101
22028	31978	68111	50	360.9	309.1	1.4	0.04	0.000*	---	5.41	9.564
22029	31980	68111	50	245.1	223.3	1.4	0.04	0.000*	---	4.04	2.689
22030	31981	68111	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.605
22031	31983	68111	50	74.4	97.1	1.4	0.04	0.000*	---	1.87	0.018
22032	31985	68111	50	240.9	220.3	1.4	0.04	0.000*	---	3.99	2.526
22033	31986	68111	50	479.6	396.9	1.4	0.04	0.000*	---	6.74	20.049
22034	31987	68111	50	85.5	105.2	1.4	0.04	0.000*	---	2.01	0.032
22035	31988	68111	50	274.9	245.4	1.4	0.04	0.000*	---	4.4	4.033
22036	31991	68111	50	335.2	290.1	1.4	0.04	0.000*	---	5.11	7.681
22037	31994	68111	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.308
22038	31996	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
22039	31998	68111	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
22040	31999	68111	50	211.7	198.6	1.4	0.04	0.000*	---	3.63	1.553
22041	32000	68111	50	188.5	181.5	1.4	0.04	0.000*	---	3.34	0.982
22042	32001	68111	50	137.6	143.9	1.4	0.04	0.000*	---	2.69	0.263
22043	32003	68111	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49
22044	32005	68111	50	79.8	101	1.4	0.04	0.000*	---	1.94	0.024
22045	32006	68111	50	137	143.4	1.4	0.04	0.000*	---	2.69	0.258
22046	32007	68111	50	282.4	250.9	1.4	0.04	0.000*	---	4.49	4.421
22047	32011	68111	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
22048	32012	68111	50	125.9	135.2	1.4	0.04	0.000*	---	2.54	0.179
22049	32013	68111	50	349.7	300.8	1.4	0.04	0.000*	---	5.28	8.718
22050	32014	68111	50	446.4	372.3	1.4	0.04	0.000*	---	6.37	16.901
22051	32015	68111	50	93.9	111.5	1.4	0.04	0.000*	---	2.13	0.049
22052	32016	68111	50	169.5	167.4	1.4	0.04	0.000*	---	3.1	0.637
22053	32017	68111	50	116.9	128.5	1.4	0.04	0.000*	---	2.43	0.129
22054	32018	68111	50	47.4	77.1	1.4	0.04	0.000*	---	1.5	0.003
22055	32020	68111	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
22056	32021	68111	50	61	87.1	1.4	0.04	0.000*	---	1.69	0.008
22057	32022	68111	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.383
22058	32023	68111	50	241.6	220.8	1.4	0.04	0.000*	---	4	2.553
22059	32024	68111	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
22060	32025	68111	50	281.4	250.2	1.4	0.04	0.000*	---	4.48	4.37
22061	32026	68111	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.045
22062	32028	68111	50	279.1	248.5	1.4	0.04	0.000*	---	4.45	4.25
22063	32030	68111	50	498.3	410.8	1.4	0.04	0.000*	---	6.94	21.871
22064	32033	68111	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
22065	32034	68111	50	165.3	164.4	1.4	0.04	0.000*	---	3.05	0.574
22066	32036	68111	50	106.7	120.9	1.4	0.04	0.000*	---	2.29	0.086
22067	32038	68111	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
22068	32040	68111	50	780.3	619.4	1.4	0.04	0.000*	---	9.81	48.337
22069	32041	68111	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.731
22070	32042	68111	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
22071	32045	68111	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
22072	32046	68111	50	334.9	289.8	1.4	0.04	0.000*	---	5.11	7.658
22073	32047	68111	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
22074	32048	68111	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.166
22075	32049	68111	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.138
22076	32050	68111	50	335.1	290	1.4	0.04	0.000*	---	5.11	7.671
22077	32051	68111	50	83.1	103.5	1.4	0.04	0.000*	---	1.98	0.029
22078	32052	68111	50	145.6	149.7	1.4	0.04	0.000*	---	2.8	0.335
22079	32053	68111	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.319
22080	32055	68111	50	760.3	604.6	1.4	0.04	0.000*	---	9.61	46.662
22081	32057	68111	50	273.6	244.5	1.4	0.04	0.000*	---	4.39	3.973

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22082	32058	68111	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.079
22083	32059	68111	50	316.8	276.5	1.4	0.04	0.000*	---	4.9	6.445
22084	32061	68111	50	122.4	132.6	1.4	0.04	0.000*	---	2.5	0.158
22085	32064	68111	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.022
22086	32065	68111	50	243.5	222.2	1.4	0.04	0.000*	---	4.02	2.626
22087	32066	68111	50	235.6	216.3	1.4	0.04	0.000*	---	3.92	2.328
22088	32067	68111	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
22089	32070	68111	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457
22090	32073	68111	50	901.6	709.2	1.4	0.04	0.000*	---	10.94	57.575
22091	32075	68111	50	67.9	92.3	1.4	0.04	0.000*	---	1.78	0.012
22092	32077	68111	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.209
22093	32079	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
22094	32081	68111	50	173.4	170.3	1.4	0.04	0.000*	---	3.15	0.7
22095	32085	68111	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
22096	32087	68111	50	296.2	261.2	1.4	0.04	0.000*	---	4.65	5.185
22097	32089	68111	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.318
22098	32090	68111	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.018
22099	32091	68111	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.438
22100	32092	68111	50	392.6	332.6	1.4	0.04	0.000*	---	5.77	12.125
22101	32093	68111	50	61.7	87.7	1.4	0.04	0.000*	---	1.7	0.008
22102	32095	68111	50	292.6	258.5	1.4	0.04	0.000*	---	4.61	4.979
22103	32096	68111	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.02
22104	32097	68111	50	475.1	393.6	1.4	0.04	0.000*	---	6.69	19.619
22105	32098	68111	50	411.4	346.4	1.4	0.04	0.000*	---	5.99	13.738
22106	32101	68111	50	212.8	199.5	1.4	0.04	0.000*	---	3.64	1.586
22107	32102	68111	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.195
22108	32103	68111	50	342.9	295.7	1.4	0.04	0.000*	---	5.2	8.222
22109	32104	68111	50	445.4	371.6	1.4	0.04	0.000*	---	6.36	16.808
22110	32105	68111	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
22111	32107	68111	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.322
22112	32108	68111	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
22113	32109	68111	50	519.7	426.5	1.4	0.04	0.000*	---	7.17	23.963
22114	32110	68111	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.032
22115	32111	68111	50	330.3	286.4	1.4	0.04	0.000*	---	5.06	7.34
22116	32112	68111	50	71.7	95.1	1.4	0.04	0.000*	---	1.83	0.015
22117	32114	68111	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
22118	32115	68111	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019
22119	32116	68111	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
22120	32117	68111	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
22121	32119	68111	50	337.6	291.8	1.4	0.04	0.000*	---	5.14	7.847
22122	32120	68111	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.498
22123	32123	68111	50	158.4	159.2	1.4	0.04	0.000*	---	2.96	0.48
22124	32124	68111	50	361.1	309.2	1.4	0.04	0.000*	---	5.41	9.581
22125	32125	68111	50	210.7	197.9	1.4	0.04	0.000*	---	3.62	1.525
22126	32126	68111	50	276.9	246.9	1.4	0.04	0.000*	---	4.42	4.136
22127	32128	68111	50	250.6	227.5	1.4	0.04	0.000*	---	4.11	2.917
22128	32129	68111	50	285.2	253	1.4	0.04	0.000*	---	4.52	4.572
22129	32131	68111	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
22130	32133	68111	50	283.7	251.9	1.4	0.04	0.000*	---	4.51	4.493
22131	32134	68111	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
22132	32136	68111	50	647.2	521	1.4	0.04	0.000*	---	8.5	36.448
22133	32137	68111	50	437.6	365.8	1.4	0.04	0.000*	---	6.28	16.092
22134	32138	68111	50	244.1	222.7	1.4	0.04	0.000*	---	4.03	2.653
22135	32139	68111	50	242	221.1	1.4	0.04	0.000*	---	4	2.571
22136	32140	68111	50	470.1	389.9	1.4	0.04	0.000*	---	6.64	19.141
22137	32147	68111	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
22138	32148	68111	50	362.6	310.4	1.4	0.04	0.000*	---	5.43	9.699
22139	32149	68111	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
22140	32152	68111	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.021
22141	32153	68111	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
22142	32154	68111	50	102.2	117.6	1.4	0.04	0.000*	---	2.23	0.071

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22143	32155	68111	50	265.8	238.7	1.4	0.04	0.000*	---	4.29	3.591
22144	32156	68111	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
22145	32159	68111	50	701.5	561.1	1.4	0.04	0.000*	---	9.04	41.497
22146	32160	68111	50	377.9	321.6	1.4	0.04	0.000*	---	5.61	10.905
22147	32161	68111	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
22148	32162	68111	50	106.5	120.8	1.4	0.04	0.000*	---	2.29	0.086
22149	32163	68111	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
22150	32164	68111	50	218.9	204	1.4	0.04	0.000*	---	3.72	1.766
22151	32166	68111	50	362.4	310.2	1.4	0.04	0.000*	---	5.43	9.679
22152	32167	68111	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
22153	32168	68111	50	45.2	75.4	1.4	0.04	0.000*	---	1.47	0.002
22154	32169	68111	50	82.6	103.1	1.4	0.04	0.000*	---	1.98	0.028
22155	32170	68111	50	73.4	96.3	1.4	0.04	0.000*	---	1.85	0.017
22156	32172	68111	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
22157	32177	68111	50	147.6	151.3	1.4	0.04	0.000*	---	2.82	0.356
22158	32178	68111	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
22159	32179	68111	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
22160	32180	68111	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.397
22161	32181	68111	50	72.3	95.5	1.4	0.04	0.000*	---	1.84	0.016
22162	32182	68111	50	112.4	125.1	1.4	0.04	0.000*	---	2.37	0.108
22163	32183	68111	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.072
22164	32184	68111	50	93.6	111.2	1.4	0.04	0.000*	---	2.12	0.048
22165	32185	68111	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
22166	32186	68111	50	156	157.4	1.4	0.04	0.000*	---	2.93	0.449
22167	32187	68111	50	148.9	152.1	1.4	0.04	0.000*	---	2.84	0.369
22168	32189	68111	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
22169	32190	68111	50	112.6	125.3	1.4	0.04	0.000*	---	2.37	0.109
22170	32193	68111	50	215.9	201.7	1.4	0.04	0.000*	---	3.68	1.674
22171	32194	68111	50	189.8	182.4	1.4	0.04	0.000*	---	3.36	1.01
22172	32196	68111	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.165
22173	32197	68111	50	92.4	110.4	1.4	0.04	0.000*	---	2.11	0.046
22174	32198	68111	50	85.9	105.6	1.4	0.04	0.000*	---	2.02	0.033
22175	32200	68111	50	80.9	101.8	1.4	0.04	0.000*	---	1.95	0.025
22176	32204	68111	50	471.1	390.6	1.4	0.04	0.000*	---	6.65	19.238
22177	32205	68111	50	184.7	178.7	1.4	0.04	0.000*	---	3.29	0.906
22178	32208	68111	50	63.6	89.1	1.4	0.04	0.000*	---	1.72	0.009
22179	32209	68111	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.263
22180	32210	68111	50	81.1	102	1.4	0.04	0.000*	---	1.96	0.026
22181	32212	68111	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
22182	32213	68111	50	232.4	214	1.4	0.04	0.000*	---	3.89	2.214
22183	32218	68111	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
22184	32219	68111	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
22185	32221	68111	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
22186	32222	68111	50	62.2	88.1	1.4	0.04	0.000*	---	1.7	0.008
22187	32224	68111	50	81.1	102.1	1.4	0.04	0.000*	---	1.96	0.026
22188	32225	68111	50	212.5	199.2	1.4	0.04	0.000*	---	3.64	1.576
22189	32226	68111	50	93.3	111	1.4	0.04	0.000*	---	2.12	0.048
22190	32227	68111	50	426.7	357.7	1.4	0.04	0.000*	---	6.16	15.096
22191	32228	68111	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
22192	32230	68111	50	106.1	120.5	1.4	0.04	0.000*	---	2.28	0.084
22193	32231	68111	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.366
22194	32232	68111	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
22195	32233	68111	50	112	124.9	1.4	0.04	0.000*	---	2.36	0.107
22196	32234	68111	50	78.3	100	1.4	0.04	0.000*	---	1.92	0.022
22197	32235	68111	50	102	117.5	1.4	0.04	0.000*	---	2.23	0.071
22198	32237	68111	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.319
22199	32239	68111	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
22200	32240	68111	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
22201	32241	68111	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.732
22202	32243	68111	50	47.8	77.4	1.4	0.04	0.000*	---	1.51	0.003
22203	32244	68111	50	184.3	178.3	1.4	0.04	0.000*	---	3.29	0.897

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22204	32246	68111	50	115.7	127.6	1.4	0.04	0.000*	---	2.41	0.123
22205	32248	68111	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.023
22206	32249	68111	50	121.2	131.7	1.4	0.04	0.000*	---	2.48	0.151
22207	32250	68111	50	362.1	309.9	1.4	0.04	0.000*	---	5.42	9.655
22208	32251	68111	50	370.5	316.1	1.4	0.04	0.000*	---	5.52	10.311
22209	32252	68111	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.747
22210	32253	68111	50	104.6	119.4	1.4	0.04	0.000*	---	2.27	0.079
22211	32255	68111	50	126.2	135.4	1.4	0.04	0.000*	---	2.55	0.181
22212	32256	68111	50	411	346.2	1.4	0.04	0.000*	---	5.98	13.707
22213	32260	68111	50	181.8	176.5	1.4	0.04	0.000*	---	3.26	0.848
22214	32261	68111	50	365.5	312.5	1.4	0.04	0.000*	---	5.46	9.919
22215	32262	68111	50	568.5	462.7	1.4	0.04	0.000*	---	7.69	28.793
22216	32263	68111	50	242.8	221.6	1.4	0.04	0.000*	---	4.01	2.598
22217	32264	68111	50	388.3	329.3	1.4	0.04	0.000*	---	5.72	11.761
22218	32265	68111	50	215.3	201.3	1.4	0.04	0.000*	---	3.67	1.657
22219	32266	68111	50	151.4	154	1.4	0.04	0.000*	---	2.87	0.396
22220	32267	68111	50	68.4	92.6	1.4	0.04	0.000*	---	1.79	0.012
22221	32270	68111	50	461.8	383.7	1.4	0.04	0.000*	---	6.54	18.349
22222	32272	68111	50	378.4	322	1.4	0.04	0.000*	---	5.61	10.947
22223	32274	68111	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.37
22224	32276	68111	50	747.2	594.9	1.4	0.04	0.000*	---	9.49	45.536
22225	32277	68111	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.32
22226	32278	68111	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.376
22227	32279	68111	50	48.9	78.2	1.4	0.04	0.000*	---	1.52	0.003
22228	32280	68111	50	343.6	296.3	1.4	0.04	0.000*	---	5.21	8.275
22229	32281	68111	50	66.4	91.1	1.4	0.04	0.000*	---	1.76	0.011
22230	32282	68111	50	63.3	88.8	1.4	0.04	0.000*	---	1.72	0.009
22231	32283	68111	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
22232	32284	68111	50	206.7	194.9	1.4	0.04	0.000*	---	3.57	1.415
22233	32285	68111	50	398.2	336.6	1.4	0.04	0.000*	---	5.84	12.593
22234	32286	68111	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.169
22235	32287	68111	50	227	210	1.4	0.04	0.000*	---	3.82	2.028
22236	32288	68111	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
22237	32289	68111	50	33.7	66.9	1.4	0.04	0.000*	---	1.32	0.001
22238	32291	68111	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
22239	32293	68111	50	129.7	138	1.4	0.04	0.000*	---	2.59	0.204
22240	32296	68111	50	157.8	158.8	1.4	0.04	0.000*	---	2.95	0.473
22241	32297	68111	50	113.8	126.3	1.4	0.04	0.000*	---	2.39	0.115
22242	32300	68111	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
22243	32303	68111	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.619
22244	32304	68111	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.865
22245	32305	68111	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
22246	32306	68111	50	99.5	115.6	1.4	0.04	0.000*	---	2.2	0.063
22247	32307	68111	50	96.7	113.6	1.4	0.04	0.000*	---	2.16	0.056
22248	32308	68111	50	48.3	77.7	1.4	0.04	0.000*	---	1.52	0.003
22249	32309	68111	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
22250	32311	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
22251	32314	68111	50	278.1	247.8	1.4	0.04	0.000*	---	4.44	4.199
22252	32315	68111	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
22253	32316	68111	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.406
22254	32318	68111	50	56.9	84.1	1.4	0.04	0.000*	---	1.63	0.006
22255	32319	68111	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
22256	32320	68111	50	199.8	189.9	1.4	0.04	0.000*	---	3.48	1.24
22257	32321	68111	50	197.1	187.8	1.4	0.04	0.000*	---	3.45	1.174
22258	32322	68111	50	99.4	115.5	1.4	0.04	0.000*	---	2.2	0.063
22259	32324	68111	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
22260	32325	68111	50	99.3	115.4	1.4	0.04	0.000*	---	2.19	0.063
22261	32326	68111	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
22262	32327	68111	50	147.1	150.8	1.4	0.04	0.000*	---	2.82	0.35
22263	32328	68111	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.675
22264	32330	68111	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22265	32331	68111	50	336.6	291.1	1.4	0.04	0.000*	---	5.13	7.777
22266	32332	68111	50	73.8	96.6	1.4	0.04	0.000*	---	1.86	0.017
22267	32334	68111	50	85.6	105.3	1.4	0.04	0.000*	---	2.01	0.033
22268	32335	68111	50	110.8	124	1.4	0.04	0.000*	---	2.35	0.102
22269	32336	68111	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
22270	32337	68111	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
22271	32338	68111	50	177.4	173.3	1.4	0.04	0.000*	---	3.2	0.768
22272	32339	68111	50	128.7	137.3	1.4	0.04	0.000*	---	2.58	0.197
22273	32340	68111	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
22274	32341	68111	50	74.2	96.9	1.4	0.04	0.000*	---	1.86	0.018
22275	32342	68111	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
22276	32345	68111	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.054
22277	32346	68111	50	118.8	129.9	1.4	0.04	0.000*	---	2.45	0.139
22278	32347	68111	50	59.4	85.9	1.4	0.04	0.000*	---	1.66	0.007
22279	32348	68111	50	79.1	100.6	1.4	0.04	0.000*	---	1.93	0.023
22280	32349	68111	50	31.7	65.4	1.4	0.04	0.000*	---	1.29	0.001
22281	32350	68111	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
22282	32351	68111	50	283.9	252.1	1.4	0.04	0.000*	---	4.51	4.503
22283	32352	68111	50	44.9	75.3	1.4	0.04	0.000*	---	1.47	0.002
22284	32353	68111	50	302.4	265.8	1.4	0.04	0.000*	---	4.73	5.548
22285	32355	68111	50	72.9	96	1.4	0.04	0.000*	---	1.85	0.016
22286	32358	68111	50	249.1	226.3	1.4	0.04	0.000*	---	4.09	2.853
22287	32359	68111	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
22288	32360	68111	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
22289	32364	68111	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
22290	32365	68111	50	111.9	124.8	1.4	0.04	0.000*	---	2.36	0.106
22291	32367	68111	50	60.1	86.5	1.4	0.04	0.000*	---	1.67	0.007
22292	32368	68111	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.926
22293	32369	68111	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.279
22294	32370	68111	50	49.5	78.6	1.4	0.04	0.000*	---	1.53	0.003
22295	32372	68111	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
22296	32375	68111	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.162
22297	32377	68111	50	84.9	104.8	1.4	0.04	0.000*	---	2.01	0.031
22298	32378	68111	50	112.5	125.3	1.4	0.04	0.000*	---	2.37	0.109
22299	32379	68111	50	425.3	356.8	1.4	0.04	0.000*	---	6.14	14.977
22300	32380	68111	50	61.6	87.6	1.4	0.04	0.000*	---	1.69	0.008
22301	32381	68111	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.378
22302	32382	68111	50	81	101.9	1.4	0.04	0.000*	---	1.95	0.026
22303	32384	68111	50	337.7	291.9	1.4	0.04	0.000*	---	5.14	7.853
22304	32385	68111	50	80.1	101.3	1.4	0.04	0.000*	---	1.94	0.024
22305	32386	68111	50	159.4	160	1.4	0.04	0.000*	---	2.97	0.493
22306	32388	68111	50	54	81.9	1.4	0.04	0.000*	---	1.59	0.005
22307	32390	68111	50	27.8	62.5	1.4	0.04	0.000*	---	1.24	0
22308	32391	68111	50	209	196.7	1.4	0.04	0.000*	---	3.6	1.479
22309	32393	68111	50	198	188.5	1.4	0.04	0.000*	---	3.46	1.196
22310	32395	68111	50	291.2	257.5	1.4	0.04	0.000*	---	4.59	4.901
22311	32396	68111	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
22312	32398	68111	50	96.8	113.7	1.4	0.04	0.000*	---	2.16	0.056
22313	32399	68111	50	167.9	166.2	1.4	0.04	0.000*	---	3.08	0.612
22314	32400	68111	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
22315	32403	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
22316	32405	68111	50	72.7	95.8	1.4	0.04	0.000*	---	1.84	0.016
22317	32407	68111	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
22318	32409	68111	50	50.9	79.7	1.4	0.04	0.000*	---	1.55	0.004
22319	32410	68111	50	67.6	92.1	1.4	0.04	0.000*	---	1.78	0.012
22320	32411	68111	50	300	264	1.4	0.04	0.000*	---	4.7	5.407
22321	32412	68111	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246
22322	32414	68111	50	450.2	375.2	1.4	0.04	0.000*	---	6.42	17.264
22323	32415	68111	50	58.7	85.4	1.4	0.04	0.000*	---	1.66	0.007
22324	32416	68111	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.409
22325	32417	68111	50	201	190.8	1.4	0.04	0.000*	---	3.5	1.27

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22326	32418	68111	50	414.1	348.4	1.4	0.04	0.000*	---	6.01	13.972
22327	32419	68111	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
22328	32420	68111	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
22329	32421	68111	50	60.2	86.5	1.4	0.04	0.000*	---	1.68	0.007
22330	32425	68111	50	344.1	296.6	1.4	0.04	0.000*	---	5.22	8.312
22331	32427	68111	50	172.3	169.5	1.4	0.04	0.000*	---	3.14	0.682
22332	32428	68111	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.206
22333	32429	68111	50	221.7	206.1	1.4	0.04	0.000*	---	3.75	1.855
22334	32430	68111	50	513.7	422.1	1.4	0.04	0.000*	---	7.11	23.372
22335	32431	68111	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
22336	32432	68111	50	121.6	132	1.4	0.04	0.000*	---	2.49	0.154
22337	32434	68111	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
22338	32435	68111	50	441.8	369	1.4	0.04	0.000*	---	6.32	16.483
22339	32436	68111	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
22340	32437	68111	50	313.6	274	1.4	0.04	0.000*	---	4.86	6.237
22341	32438	68111	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
22342	32441	68111	50	128.4	137	1.4	0.04	0.000*	---	2.58	0.195
22343	32442	68111	50	189.5	182.2	1.4	0.04	0.000*	---	3.35	1.004
22344	32443	68111	50	64.4	89.6	1.4	0.04	0.000*	---	1.73	0.01
22345	32444	68111	50	298.4	262.8	1.4	0.04	0.000*	---	4.68	5.313
22346	32445	68111	50	70.5	94.1	1.4	0.04	0.000*	---	1.81	0.014
22347	32447	68111	50	465.4	386.4	1.4	0.04	0.000*	---	6.58	18.698
22348	32449	68111	50	476.3	394.5	1.4	0.04	0.000*	---	6.7	19.736
22349	32450	68111	50	290.1	256.7	1.4	0.04	0.000*	---	4.58	4.843
22350	32451	68111	50	89.5	108.2	1.4	0.04	0.000*	---	2.07	0.04
22351	32452	68111	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
22352	32453	68111	50	340.5	294	1.4	0.04	0.000*	---	5.18	8.056
22353	32454	68111	50	416	349.8	1.4	0.04	0.000*	---	6.04	14.142
22354	32455	68111	50	47.6	77.2	1.4	0.04	0.000*	---	1.51	0.003
22355	32456	68111	50	318.9	278	1.4	0.04	0.000*	---	4.92	6.578
22356	32457	68111	50	41.8	72.9	1.4	0.04	0.000*	---	1.43	0.002
22357	32458	68111	50	208.5	196.3	1.4	0.04	0.000*	---	3.59	1.464
22358	32459	68111	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
22359	32460	68111	50	50.2	79.2	1.4	0.04	0.000*	---	1.54	0.003
22360	32461	68111	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
22361	32464	68111	50	75.5	97.9	1.4	0.04	0.000*	---	1.88	0.019
22362	32466	68111	50	548.8	448.1	1.4	0.04	0.000*	---	7.48	26.841
22363	32467	68111	50	76.4	98.5	1.4	0.04	0.000*	---	1.89	0.02
22364	32472	68111	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.143
22365	32473	68111	50	507.7	417.7	1.4	0.04	0.000*	---	7.04	22.787
22366	32474	68111	50	413.2	347.8	1.4	0.04	0.000*	---	6.01	13.895
22367	32475	68111	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.673
22368	32476	68111	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
22369	32477	68111	50	175.6	171.9	1.4	0.04	0.000*	---	3.18	0.737
22370	32478	68111	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.386
22371	32479	68111	50	171	168.5	1.4	0.04	0.000*	---	3.12	0.66
22372	32481	68111	50	290.6	257.1	1.4	0.04	0.000*	---	4.59	4.872
22373	32482	68111	50	64.7	89.8	1.4	0.04	0.000*	---	1.74	0.01
22374	32483	68111	50	214.7	200.9	1.4	0.04	0.000*	---	3.67	1.639
22375	32486	68111	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
22376	32487	68111	50	61.4	87.4	1.4	0.04	0.000*	---	1.69	0.008
22377	32488	68111	50	78.5	100.1	1.4	0.04	0.000*	---	1.92	0.022
22378	32490	68111	50	88.7	107.6	1.4	0.04	0.000*	---	2.06	0.038
22379	32491	68111	50	248.7	226.1	1.4	0.04	0.000*	---	4.08	2.838
22380	32492	68111	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
22381	32494	68111	50	285.6	253.3	1.4	0.04	0.000*	---	4.53	4.592
22382	32496	68111	50	254.4	230.3	1.4	0.04	0.000*	---	4.15	3.078
22383	32497	68111	50	166.8	165.4	1.4	0.04	0.000*	---	3.07	0.596
22384	32499	68111	50	134.3	141.3	1.4	0.04	0.000*	---	2.65	0.236
22385	32501	68111	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.699
22386	32502	68111	50	58.6	85.3	1.4	0.04	0.000*	---	1.65	0.006

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22387	32504	68111	50	277	247	1.4	0.04	0.000*	---	4.43	4.144
22388	32506	68111	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
22389	32509	68111	50	125.6	135	1.4	0.04	0.000*	---	2.54	0.177
22390	32510	68111	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
22391	32512	68111	50	63.2	88.8	1.4	0.04	0.000*	---	1.72	0.009
22392	32513	68111	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.593
22393	32515	68111	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
22394	32517	68111	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
22395	32518	68111	50	273.7	244.5	1.4	0.04	0.000*	---	4.39	3.975
22396	32521	68111	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.394
22397	32522	68111	50	273.7	244.5	1.4	0.04	0.000*	---	4.39	3.975
22398	32523	68111	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
22399	32524	68111	50	59	85.7	1.4	0.04	0.000*	---	1.66	0.007
22400	32527	68111	50	52	80.5	1.4	0.04	0.000*	---	1.57	0.004
22401	32528	68111	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.568
22402	32530	68111	50	49.4	78.6	1.4	0.04	0.000*	---	1.53	0.003
22403	32533	68111	50	35.3	68.1	1.4	0.04	0.000*	---	1.34	0.001
22404	32534	68111	50	65.1	90.2	1.4	0.04	0.000*	---	1.74	0.01
22405	32535	68111	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
22406	32537	68111	50	83.5	103.8	1.4	0.04	0.000*	---	1.99	0.029
22407	32539	68111	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
22408	32542	68111	50	88.6	107.5	1.4	0.04	0.000*	---	2.05	0.038
22409	32543	68111	50	56.6	83.9	1.4	0.04	0.000*	---	1.63	0.006
22410	32544	68111	50	214.5	200.7	1.4	0.04	0.000*	---	3.66	1.634
22411	32545	68111	50	80.2	101.4	1.4	0.04	0.000*	---	1.94	0.025
22412	32546	68111	50	25.8	61.1	1.4	0.04	0.000*	---	1.21	0
22413	32547	68111	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
22414	32548	68111	50	85.1	104.9	1.4	0.04	0.000*	---	2.01	0.032
22415	32549	68111	50	99.4	115.6	1.4	0.04	0.000*	---	2.2	0.063
22416	32550	68111	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.805
22417	32551	68111	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.104
22418	32552	68111	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.277
22419	32553	68111	50	159.1	159.7	1.4	0.04	0.000*	---	2.97	0.488
22420	32554	68111	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.07
22421	32557	68111	50	60.1	86.5	1.4	0.04	0.000*	---	1.67	0.007
22422	32558	68111	50	92.1	110.2	1.4	0.04	0.000*	---	2.1	0.045
22423	32559	68111	50	212.8	199.5	1.4	0.04	0.000*	---	3.64	1.586
22424	32560	68111	50	304.9	267.6	1.4	0.04	0.000*	---	4.76	5.697
22425	32561	68111	50	149	152.2	1.4	0.04	0.000*	---	2.84	0.37
22426	32562	68111	50	102.1	117.6	1.4	0.04	0.000*	---	2.23	0.071
22427	32563	68111	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.458
22428	32565	68111	50	89	107.8	1.4	0.04	0.000*	---	2.06	0.039
22429	32567	68111	50	247.2	225	1.4	0.04	0.000*	---	4.07	2.777
22430	32569	68111	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.449
22431	32571	68111	50	365.7	312.6	1.4	0.04	0.000*	---	5.47	9.935
22432	32572	68111	50	49.8	78.9	1.4	0.04	0.000*	---	1.54	0.003
22433	32573	68111	50	263.2	236.8	1.4	0.04	0.000*	---	4.26	3.471
22434	32574	68111	50	127.7	136.5	1.4	0.04	0.000*	---	2.57	0.19
22435	32575	68111	50	783.5	621.8	1.4	0.04	0.000*	---	9.84	48.601
22436	32576	68111	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.417
22437	32577	68111	50	41.3	72.5	1.4	0.04	0.000*	---	1.42	0.002
22438	32578	68111	50	231.2	213.1	1.4	0.04	0.000*	---	3.87	2.172
22439	32580	68111	50	99.4	115.5	1.4	0.04	0.000*	---	2.2	0.063
22440	32581	68111	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.2
22441	32582	68111	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
22442	32585	68111	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.278
22443	32586	68111	50	104	119	1.4	0.04	0.000*	---	2.26	0.077
22444	32587	68111	50	397.2	336	1.4	0.04	0.000*	---	5.83	12.514
22445	32589	68111	50	120.4	131.1	1.4	0.04	0.000*	---	2.47	0.147
22446	32591	68111	50	218	203.3	1.4	0.04	0.000*	---	3.71	1.738
22447	32592	68111	50	85.4	105.2	1.4	0.04	0.000*	---	2.01	0.032

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22448	32593	68111	50	115.6	127.5	1.4	0.04	0.000*	---	2.41	0.123
22449	32594	68111	50	69	93.1	1.4	0.04	0.000*	---	1.79	0.013
22450	32596	68111	50	248.6	225.9	1.4	0.04	0.000*	---	4.08	2.831
22451	32597	68111	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
22452	32599	68111	50	144.1	148.7	1.4	0.04	0.000*	---	2.78	0.321
22453	32600	68111	50	168.5	166.7	1.4	0.04	0.000*	---	3.09	0.622
22454	32602	68111	50	82.7	103.2	1.4	0.04	0.000*	---	1.98	0.028
22455	32603	68111	50	48.1	77.6	1.4	0.04	0.000*	---	1.51	0.003
22456	32604	68111	50	143.7	148.4	1.4	0.04	0.000*	---	2.77	0.317
22457	32605	68111	50	125.7	135	1.4	0.04	0.000*	---	2.54	0.178
22458	32606	68111	50	161.5	161.5	1.4	0.04	0.000*	---	3	0.52
22459	32607	68111	50	126.4	135.6	1.4	0.04	0.000*	---	2.55	0.182
22460	32608	68111	50	102.6	117.9	1.4	0.04	0.000*	---	2.24	0.072
22461	32611	68111	50	147.1	150.8	1.4	0.04	0.000*	---	2.82	0.35
22462	32612	68111	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
22463	32613	68111	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.118
22464	32615	68111	50	533.2	436.6	1.4	0.04	0.000*	---	7.32	25.302
22465	32616	68111	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.079
22466	32618	68111	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
22467	32620	68111	50	145.9	149.9	1.4	0.04	0.000*	---	2.8	0.338
22468	32622	68111	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
22469	32623	68111	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
22470	32629	68111	50	194.1	185.6	1.4	0.04	0.000*	---	3.41	1.105
22471	32630	68111	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.822
22472	32631	68111	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.546
22473	32632	68111	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
22474	32633	68111	50	67.6	92	1.4	0.04	0.000*	---	1.78	0.012
22475	32639	68111	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
22476	32640	68111	50	181.3	176.1	1.4	0.04	0.000*	---	3.25	0.839
22477	32642	68111	50	448.9	374.2	1.4	0.04	0.000*	---	6.4	17.141
22478	32643	68111	50	236.8	217.2	1.4	0.04	0.000*	---	3.94	2.372
22479	32644	68111	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
22480	32646	68111	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
22481	32648	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
22482	32656	68111	50	59.5	86.1	1.4	0.04	0.000*	---	1.67	0.007
22483	32661	68111	50	49	78.2	1.4	0.04	0.000*	---	1.52	0.003
22484	32662	68111	50	327.1	284	1.4	0.04	0.000*	---	5.02	7.122
22485	32663	68111	50	248.3	225.8	1.4	0.04	0.000*	---	4.08	2.821
22486	32664	68111	50	50.7	79.5	1.4	0.04	0.000*	---	1.55	0.004
22487	32665	68111	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.411
22488	32667	68111	50	84.5	104.6	1.4	0.04	0.000*	---	2	0.031
22489	32668	68111	50	50.6	79.5	1.4	0.04	0.000*	---	1.55	0.004
22490	32669	68111	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.335
22491	32671	68111	50	307.9	269.9	1.4	0.04	0.000*	---	4.79	5.884
22492	32672	68111	50	54.6	82.4	1.4	0.04	0.000*	---	1.6	0.005
22493	32673	68111	50	97.1	113.9	1.4	0.04	0.000*	---	2.17	0.057
22494	32674	68111	50	169.8	167.6	1.4	0.04	0.000*	---	3.1	0.641
22495	32675	68111	50	66.7	91.3	1.4	0.04	0.000*	---	1.76	0.011
22496	32677	68111	50	116.9	128.5	1.4	0.04	0.000*	---	2.43	0.129
22497	32678	68111	50	111.1	124.2	1.4	0.04	0.000*	---	2.35	0.103
22498	32679	68111	50	188.6	181.6	1.4	0.04	0.000*	---	3.34	0.985
22499	32680	68111	50	203.2	192.3	1.4	0.04	0.000*	---	3.52	1.324
22500	32681	68111	50	81.3	102.2	1.4	0.04	0.000*	---	1.96	0.026
22501	32682	68111	50	317.8	277.2	1.4	0.04	0.000*	---	4.91	6.506
22502	32684	68111	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.045
22503	32685	68111	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
22504	32686	68111	50	109.8	123.3	1.4	0.04	0.000*	---	2.33	0.098
22505	32687	68111	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
22506	32688	68111	50	57.9	84.9	1.4	0.04	0.000*	---	1.65	0.006
22507	32690	68111	50	202.5	191.9	1.4	0.04	0.000*	---	3.52	1.308
22508	32692	68111	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.024

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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22509	32693	68111	50	117.2	128.8	1.4	0.04	0.000*	---	2.43	0.131
22510	32694	68111	50	132.6	140.1	1.4	0.04	0.000*	---	2.63	0.224
22511	32695	68111	50	247.5	225.1	1.4	0.04	0.000*	---	4.07	2.788
22512	32696	68111	50	115.5	127.4	1.4	0.04	0.000*	---	2.41	0.122
22513	32697	68111	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
22514	32699	68111	50	403	340.3	1.4	0.04	0.000*	---	5.89	13.01
22515	32701	68111	50	163.2	162.8	1.4	0.04	0.000*	---	3.02	0.544
22516	32702	68111	50	308.4	270.2	1.4	0.04	0.000*	---	4.8	5.915
22517	32703	68111	50	361.3	309.4	1.4	0.04	0.000*	---	5.42	9.595
22518	32704	68111	50	210.1	197.4	1.4	0.04	0.000*	---	3.61	1.508
22519	32706	68111	50	106.8	121.1	1.4	0.04	0.000*	---	2.29	0.087
22520	32708	68111	50	76.2	98.4	1.4	0.04	0.000*	---	1.89	0.02
22521	32709	68111	50	388.4	329.4	1.4	0.04	0.000*	---	5.73	11.769
22522	32713	68111	50	79	100.4	1.4	0.04	0.000*	---	1.93	0.023
22523	32714	68111	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.343
22524	32715	68111	50	269.3	241.3	1.4	0.04	0.000*	---	4.33	3.76
22525	32717	68111	50	565.5	460.5	1.4	0.04	0.000*	---	7.66	28.496
22526	32718	68111	50	52.5	80.9	1.4	0.04	0.000*	---	1.57	0.004
22527	32722	68111	50	345	297.3	1.4	0.04	0.000*	---	5.23	8.377
22528	32724	68111	50	145.9	149.9	1.4	0.04	0.000*	---	2.8	0.338
22529	32726	68111	50	579.5	470.9	1.4	0.04	0.000*	---	7.8	29.879
22530	32736	68111	50	639.3	515	1.4	0.04	0.000*	---	8.42	35.688
22531	32740	68111	50	53.8	81.8	1.4	0.04	0.000*	---	1.59	0.005
22532	32741	68111	50	311.2	272.3	1.4	0.04	0.000*	---	4.83	6.086
22533	32742	68111	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.09
22534	32745	68111	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
22535	32746	68111	50	695.8	556.9	1.4	0.04	0.000*	---	8.98	40.975
22536	32747	68111	50	74.7	97.3	1.4	0.04	0.000*	---	1.87	0.018
22537	32748	68111	50	143.3	148.1	1.4	0.04	0.000*	---	2.77	0.314
22538	32749	68111	50	112.8	125.5	1.4	0.04	0.000*	---	2.37	0.11
22539	32753	68111	50	134.7	141.7	1.4	0.04	0.000*	---	2.66	0.24
22540	32755	68111	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
22541	32756	68111	50	297.4	262.1	1.4	0.04	0.000*	---	4.67	5.256
22542	32757	68111	50	398.6	337	1.4	0.04	0.000*	---	5.84	12.628
22543	32758	68111	50	106.7	121	1.4	0.04	0.000*	---	2.29	0.086
22544	32760	68111	50	716.8	572.5	1.4	0.04	0.000*	---	9.19	42.876
22545	32761	68111	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.353
22546	32762	68111	50	390.8	331.2	1.4	0.04	0.000*	---	5.75	11.966
22547	32764	68111	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.76
22548	32765	68111	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
22549	32766	68111	50	517.1	424.7	1.4	0.04	0.000*	---	7.14	23.713
22550	32768	68111	50	741.8	590.9	1.4	0.04	0.000*	---	9.43	45.069
22551	32770	68111	50	240.7	220.1	1.4	0.04	0.000*	---	3.99	2.518
22552	32771	68111	50	485.4	401.2	1.4	0.04	0.000*	---	6.8	20.61
22553	32775	68111	50	181.3	176.1	1.4	0.04	0.000*	---	3.25	0.839
22554	32776	68111	50	84.7	104.7	1.4	0.04	0.000*	---	2	0.031
22555	32777	68111	50	74.8	97.4	1.4	0.04	0.000*	---	1.87	0.018
22556	32778	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
22557	32779	68111	50	250.9	227.7	1.4	0.04	0.000*	---	4.11	2.93
22558	32780	68111	50	104.6	119.4	1.4	0.04	0.000*	---	2.26	0.079
22559	32781	68111	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
22560	32782	68111	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
22561	32783	68111	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
22562	32784	68111	50	668.7	536.8	1.4	0.04	0.000*	---	8.71	38.47
22563	32785	68111	50	132.9	140.4	1.4	0.04	0.000*	---	2.63	0.227
22564	32787	68111	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
22565	32789	68111	50	62.9	88.6	1.4	0.04	0.000*	---	1.71	0.009
22566	32791	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.334
22567	32792	68111	50	93.7	111.4	1.4	0.04	0.000*	---	2.12	0.049
22568	32793	68111	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
22569	32794	68111	50	230.8	212.8	1.4	0.04	0.000*	---	3.86	2.156

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22570	32795	68111	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.349
22571	32797	68111	50	345	297.3	1.4	0.04	0.000*	---	5.23	8.376
22572	32798	68111	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
22573	32800	68111	50	103.6	118.7	1.4	0.04	0.000*	---	2.25	0.076
22574	32802	68111	50	219.3	204.3	1.4	0.04	0.000*	---	3.72	1.78
22575	32803	68111	50	301	264.8	1.4	0.04	0.000*	---	4.71	5.469
22576	32804	68111	50	226.4	209.6	1.4	0.04	0.000*	---	3.81	2.008
22577	32805	68111	50	66.4	91.2	1.4	0.04	0.000*	---	1.76	0.011
22578	32806	68111	50	114	126.4	1.4	0.04	0.000*	---	2.39	0.116
22579	32807	68111	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.65
22580	32808	68111	50	131.3	139.1	1.4	0.04	0.000*	---	2.61	0.215
22581	32809	68111	50	301.6	265.2	1.4	0.04	0.000*	---	4.72	5.505
22582	32810	68111	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.167
22583	32813	68111	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.061
22584	32816	68111	50	75.6	98	1.4	0.04	0.000*	---	1.88	0.019
22585	32817	68111	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.301
22586	32818	68111	50	98.5	114.9	1.4	0.04	0.000*	---	2.19	0.061
22587	32819	68111	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
22588	32820	68111	50	94.7	112.1	1.4	0.04	0.000*	---	2.13	0.051
22589	32821	68111	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.943
22590	32823	68111	50	76.1	98.3	1.4	0.04	0.000*	---	1.89	0.02
22591	32824	68111	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.069
22592	32825	68111	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
22593	32827	68111	50	216.3	202.1	1.4	0.04	0.000*	---	3.69	1.687
22594	32829	68111	50	51.5	80.1	1.4	0.04	0.000*	---	1.56	0.004
22595	32830	68111	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.374
22596	32831	68111	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.03
22597	32833	68111	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
22598	32834	68111	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
22599	32835	68111	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.131
22600	32836	68111	50	127.7	136.5	1.4	0.04	0.000*	---	2.57	0.19
22601	32837	68111	50	368.3	314.6	1.4	0.04	0.000*	---	5.5	10.144
22602	32840	68111	50	120.5	131.1	1.4	0.04	0.000*	---	2.47	0.147
22603	32841	68111	50	151.6	154.2	1.4	0.04	0.000*	---	2.87	0.399
22604	32843	68111	50	119.8	130.6	1.4	0.04	0.000*	---	2.46	0.144
22605	32844	68111	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
22606	32845	68111	50	143.9	148.5	1.4	0.04	0.000*	---	2.78	0.319
22607	32847	68111	50	119.6	130.5	1.4	0.04	0.000*	---	2.46	0.143
22608	32848	68111	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
22609	32851	68111	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
22610	32852	68111	50	166.8	165.4	1.4	0.04	0.000*	---	3.07	0.596
22611	32853	68111	50	125.7	135	1.4	0.04	0.000*	---	2.54	0.177
22612	32854	68111	50	87.7	106.9	1.4	0.04	0.000*	---	2.04	0.036
22613	32856	68111	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
22614	32857	68111	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
22615	32858	68111	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
22616	32859	68111	50	113	125.6	1.4	0.04	0.000*	---	2.37	0.111
22617	32860	68111	50	103.3	118.5	1.4	0.04	0.000*	---	2.25	0.075
22618	32861	68111	50	57	84.1	1.4	0.04	0.000*	---	1.63	0.006
22619	32862	68111	50	69.8	93.7	1.4	0.04	0.000*	---	1.81	0.014
22620	32863	68111	50	86.4	105.9	1.4	0.04	0.000*	---	2.02	0.034
22621	32865	68111	50	588.7	477.6	1.4	0.04	0.000*	---	7.9	30.78
22622	32866	68111	50	100.6	116.5	1.4	0.04	0.000*	---	2.21	0.067
22623	32868	68111	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
22624	32871	68111	50	70.6	94.2	1.4	0.04	0.000*	---	1.82	0.014
22625	32873	68111	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.16
22626	32874	68111	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
22627	32876	68111	50	238.6	218.5	1.4	0.04	0.000*	---	3.96	2.438
22628	32877	68111	50	88.7	107.7	1.4	0.04	0.000*	---	2.06	0.038
22629	32878	68111	50	86.5	106	1.4	0.04	0.000*	---	2.03	0.034
22630	32879	68111	50	240.5	220	1.4	0.04	0.000*	---	3.98	2.512

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22631	32880	68111	50	104.2	119.1	1.4	0.04	0.000*	---	2.26	0.078
22632	32881	68111	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
22633	32882	68111	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
22634	32884	68111	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
22635	32885	68111	50	74.4	97	1.4	0.04	0.000*	---	1.87	0.018
22636	32886	68111	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
22637	32888	68111	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.218
22638	32889	68111	50	85.9	105.6	1.4	0.04	0.000*	---	2.02	0.033
22639	32890	68111	50	353.7	303.7	1.4	0.04	0.000*	---	5.33	9.016
22640	32891	68111	50	91.4	109.7	1.4	0.04	0.000*	---	2.09	0.044
22641	32892	68111	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
22642	32893	68111	50	317.4	276.9	1.4	0.04	0.000*	---	4.91	6.485
22643	32894	68111	50	135.2	142.1	1.4	0.04	0.000*	---	2.66	0.244
22644	32896	68111	50	330.3	286.4	1.4	0.04	0.000*	---	5.06	7.337
22645	32898	68111	50	222.1	206.4	1.4	0.04	0.000*	---	3.76	1.866
22646	32900	68111	50	61.3	87.3	1.4	0.04	0.000*	---	1.69	0.008
22647	32902	68111	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
22648	32904	68111	50	124.8	134.3	1.4	0.04	0.000*	---	2.53	0.172
22649	32905	68111	50	105.1	119.8	1.4	0.04	0.000*	---	2.27	0.081
22650	32907	68111	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
22651	32909	68111	50	86.6	106.1	1.4	0.04	0.000*	---	2.03	0.034
22652	32910	68111	50	75.8	98.1	1.4	0.04	0.000*	---	1.89	0.019
22653	32912	68111	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.221
22654	32914	68111	50	125.2	134.7	1.4	0.04	0.000*	---	2.53	0.175
22655	32916	68111	50	526.3	431.4	1.4	0.04	0.000*	---	7.24	24.613
22656	32917	68111	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
22657	32921	68111	50	310.7	271.9	1.4	0.04	0.000*	---	4.83	6.054
22658	32922	68111	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.767
22659	32924	68111	50	128.4	137	1.4	0.04	0.000*	---	2.57	0.194
22660	32925	68111	50	357.5	306.6	1.4	0.04	0.000*	---	5.37	9.307
22661	32926	68111	50	70.6	94.2	1.4	0.04	0.000*	---	1.81	0.014
22662	32928	68111	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.566
22663	32929	68111	50	248	225.5	1.4	0.04	0.000*	---	4.08	2.807
22664	32930	68111	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.586
22665	32931	68111	50	279.5	248.9	1.4	0.04	0.000*	---	4.46	4.274
22666	32932	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
22667	32933	68111	50	125.8	135.1	1.4	0.04	0.000*	---	2.54	0.178
22668	32935	68111	50	82.1	102.8	1.4	0.04	0.000*	---	1.97	0.027
22669	32940	68111	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.307
22670	32941	68111	50	153.3	155.4	1.4	0.04	0.000*	---	2.9	0.418
22671	32942	68111	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.457
22672	32946	68111	50	203.6	192.6	1.4	0.04	0.000*	---	3.53	1.334
22673	32948	68111	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.941
22674	32949	68111	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266
22675	32953	68111	50	194.8	186.1	1.4	0.04	0.000*	---	3.42	1.12
22676	32956	68111	50	245.6	223.8	1.4	0.04	0.000*	---	4.05	2.712
22677	32957	68111	50	256.9	232.1	1.4	0.04	0.000*	---	4.18	3.184
22678	32958	68111	50	158.3	159.1	1.4	0.04	0.000*	---	2.96	0.478
22679	32960	68111	50	117.4	128.9	1.4	0.04	0.000*	---	2.43	0.132
22680	32963	68111	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.448
22681	32965	68111	50	94.5	111.9	1.4	0.04	0.000*	---	2.13	0.05
22682	32966	68111	50	182	176.7	1.4	0.04	0.000*	---	3.26	0.853
22683	32967	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
22684	32968	68111	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
22685	32969	68111	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.796
22686	32970	68111	50	74.6	97.2	1.4	0.04	0.000*	---	1.87	0.018
22687	32971	68111	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
22688	32972	68111	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.188
22689	32973	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
22690	32974	68111	50	137	143.4	1.4	0.04	0.000*	---	2.69	0.258
22691	32976	68111	50	73.3	96.3	1.4	0.04	0.000*	---	1.85	0.017

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22692	32977	68111	50	179.7	175	1.4	0.04	0.000*	---	3.23	0.81
22693	32978	68111	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037
22694	32979	68111	50	103.2	118.3	1.4	0.04	0.000*	---	2.25	0.074
22695	32982	68111	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.342
22696	32983	68111	50	181.1	176	1.4	0.04	0.000*	---	3.25	0.836
22697	32984	68111	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
22698	32985	68111	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
22699	32987	68111	50	116.3	128	1.4	0.04	0.000*	---	2.42	0.126
22700	32989	68111	50	283.8	252	1.4	0.04	0.000*	---	4.51	4.498
22701	32990	68111	50	276.8	246.9	1.4	0.04	0.000*	---	4.42	4.134
22702	32991	68111	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.924
22703	32992	68111	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
22704	32994	68111	50	415.3	349.4	1.4	0.04	0.000*	---	6.03	14.085
22705	32997	68111	50	90.4	108.9	1.4	0.04	0.000*	---	2.08	0.042
22706	32998	68111	50	130.3	138.4	1.4	0.04	0.000*	---	2.6	0.208
22707	32999	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
22708	33000	68111	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
22709	33001	68111	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
22710	33003	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
22711	33004	68111	50	72.5	95.7	1.4	0.04	0.000*	---	1.84	0.016
22712	33005	68111	50	110.7	123.9	1.4	0.04	0.000*	---	2.35	0.102
22713	33007	68111	50	542.2	443.2	1.4	0.04	0.000*	---	7.41	26.191
22714	33008	68111	50	69.8	93.7	1.4	0.04	0.000*	---	1.8	0.013
22715	33009	68111	50	57.4	84.5	1.4	0.04	0.000*	---	1.64	0.006
22716	33010	68111	50	692.1	554.2	1.4	0.04	0.000*	---	8.95	40.64
22717	33011	68111	50	97.9	114.5	1.4	0.04	0.000*	---	2.18	0.059
22718	33012	68111	50	121.8	132.2	1.4	0.04	0.000*	---	2.49	0.155
22719	33013	68111	50	246.4	224.4	1.4	0.04	0.000*	---	4.06	2.745
22720	33014	68111	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
22721	33015	68111	50	357	306.2	1.4	0.04	0.000*	---	5.37	9.265
22722	33016	68111	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
22723	33018	68111	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
22724	33024	68111	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
22725	33025	68111	50	63.2	88.8	1.4	0.04	0.000*	---	1.72	0.009
22726	33027	68111	50	56.3	83.7	1.4	0.04	0.000*	---	1.62	0.005
22727	33028	68111	50	77.5	99.3	1.4	0.04	0.000*	---	1.91	0.021
22728	33030	68111	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
22729	33031	68111	50	216.7	202.3	1.4	0.04	0.000*	---	3.69	1.698
22730	33032	68111	50	80.6	101.7	1.4	0.04	0.000*	---	1.95	0.025
22731	33033	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.421
22732	33034	68111	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
22733	33035	68111	50	167.1	165.6	1.4	0.04	0.000*	---	3.07	0.6
22734	33036	68111	50	202.9	192.1	1.4	0.04	0.000*	---	3.52	1.316
22735	33037	68111	50	109.8	123.3	1.4	0.04	0.000*	---	2.33	0.098
22736	33040	68111	50	146.5	150.4	1.4	0.04	0.000*	---	2.81	0.344
22737	33041	68111	50	251.3	227.9	1.4	0.04	0.000*	---	4.11	2.943
22738	33042	68111	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
22739	33043	68111	50	178.6	174.2	1.4	0.04	0.000*	---	3.22	0.79
22740	33044	68111	50	187.8	181	1.4	0.04	0.000*	---	3.33	0.969
22741	33046	68111	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.535
22742	33047	68111	50	162.6	162.3	1.4	0.04	0.000*	---	3.01	0.536
22743	33048	68111	50	172.9	169.9	1.4	0.04	0.000*	---	3.14	0.691
22744	33049	68111	50	110.3	123.7	1.4	0.04	0.000*	---	2.34	0.1
22745	33050	68111	50	85.3	105.1	1.4	0.04	0.000*	---	2.01	0.032
22746	33051	68111	50	53.9	81.9	1.4	0.04	0.000*	---	1.59	0.005
22747	33052	68111	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
22748	33053	68111	50	944.7	741.1	1.4	0.04	0.000*	---	11.33	60.469
22749	33054	68111	50	164.7	163.9	1.4	0.04	0.000*	---	3.04	0.565
22750	33055	68111	50	258.8	233.5	1.4	0.04	0.000*	---	4.21	3.269
22751	33056	68111	50	572.4	465.5	1.4	0.04	0.000*	---	7.73	29.171
22752	33058	68111	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.164

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22753	33059	68111	50	231.1	213.1	1.4	0.04	0.000*	---	3.87	2.169
22754	33060	68111	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.395
22755	33061	68111	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.236
22756	33062	68111	50	347.6	299.2	1.4	0.04	0.000*	---	5.26	8.563
22757	33063	68111	50	188.2	181.3	1.4	0.04	0.000*	---	3.34	0.978
22758	33069	68111	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.048
22759	33072	68111	50	77.9	99.6	1.4	0.04	0.000*	---	1.91	0.022
22760	33073	68111	50	370.8	316.4	1.4	0.04	0.000*	---	5.52	10.339
22761	33075	68111	50	392.1	332.2	1.4	0.04	0.000*	---	5.77	12.083
22762	33076	68111	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
22763	33077	68111	50	450.9	375.7	1.4	0.04	0.000*	---	6.42	17.329
22764	33079	68111	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
22765	33081	68111	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
22766	33085	68111	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.027
22767	33086	68111	50	108.6	122.3	1.4	0.04	0.000*	---	2.32	0.093
22768	33088	68111	50	499.3	411.5	1.4	0.04	0.000*	---	6.95	21.966
22769	33089	68111	50	923.5	725.4	1.4	0.04	0.000*	---	11.14	59.067
22770	33092	68111	50	99	115.3	1.4	0.04	0.000*	---	2.19	0.062
22771	33093	68111	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
22772	33094	68111	50	241.2	220.5	1.4	0.04	0.000*	---	3.99	2.538
22773	33095	68111	50	90.7	109.1	1.4	0.04	0.000*	---	2.08	0.042
22774	33099	68111	50	73.7	96.6	1.4	0.04	0.000*	---	1.86	0.017
22775	33101	68111	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
22776	33103	68111	50	98.1	114.6	1.4	0.04	0.000*	---	2.18	0.059
22777	33104	68111	50	641.3	516.6	1.4	0.04	0.000*	---	8.44	35.882
22778	33105	68111	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
22779	33106	68111	50	216.7	202.3	1.4	0.04	0.000*	---	3.69	1.698
22780	33107	68111	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
22781	33108	68111	50	310.6	271.9	1.4	0.04	0.000*	---	4.83	6.051
22782	33109	68111	50	141.2	146.5	1.4	0.04	0.000*	---	2.74	0.294
22783	33111	68111	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.942
22784	33112	68111	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.22
22785	33114	68111	50	235.7	216.4	1.4	0.04	0.000*	---	3.93	2.333
22786	33115	68111	50	129.4	137.8	1.4	0.04	0.000*	---	2.59	0.201
22787	33116	68111	50	75.4	97.8	1.4	0.04	0.000*	---	1.88	0.019
22788	33117	68111	50	103.7	118.7	1.4	0.04	0.000*	---	2.25	0.076
22789	33118	68111	50	105.2	119.9	1.4	0.04	0.000*	---	2.27	0.081
22790	33120	68111	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.486
22791	33121	68111	50	152.6	154.9	1.4	0.04	0.000*	---	2.89	0.41
22792	33123	68111	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.389
22793	33124	68111	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
22794	33126	68111	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
22795	33129	68111	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
22796	33133	68111	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
22797	33134	68111	50	521.2	427.7	1.4	0.04	0.000*	---	7.19	24.112
22798	33135	68111	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.237
22799	33137	68111	50	93.1	110.9	1.4	0.04	0.000*	---	2.11	0.047
22800	33139	68111	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.22
22801	33140	68111	50	94.9	112.2	1.4	0.04	0.000*	---	2.14	0.051
22802	33141	68111	50	263.1	236.7	1.4	0.04	0.000*	---	4.26	3.468
22803	33142	68111	50	129.6	137.9	1.4	0.04	0.000*	---	2.59	0.203
22804	33143	68111	50	287.6	254.9	1.4	0.04	0.000*	---	4.55	4.705
22805	33144	68111	50	101.5	117.1	1.4	0.04	0.000*	---	2.22	0.069
22806	33145	68111	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
22807	33146	68111	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
22808	33148	68111	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
22809	33149	68111	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.362
22810	33150	68111	50	149.4	152.6	1.4	0.04	0.000*	---	2.85	0.375
22811	33153	68111	50	154	155.9	1.4	0.04	0.000*	---	2.9	0.426
22812	33154	68111	50	352.9	303.1	1.4	0.04	0.000*	---	5.32	8.957
22813	33155	68111	50	90.3	108.8	1.4	0.04	0.000*	---	2.08	0.041

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22814	33156	68111	50	283.7	252	1.4	0.04	0.000*	---	4.51	4.494
22815	33157	68111	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.626
22816	33158	68111	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
22817	33159	68111	50	209.9	197.4	1.4	0.04	0.000*	---	3.61	1.504
22818	33160	68111	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
22819	33162	68111	50	302.1	265.6	1.4	0.04	0.000*	---	4.73	5.535
22820	33164	68111	50	97.4	114.1	1.4	0.04	0.000*	---	2.17	0.058
22821	33165	68111	50	77.7	99.5	1.4	0.04	0.000*	---	1.91	0.021
22822	33166	68111	50	182.8	177.2	1.4	0.04	0.000*	---	3.27	0.868
22823	33167	68111	50	262.5	236.3	1.4	0.04	0.000*	---	4.25	3.438
22824	33168	68111	50	415.9	349.7	1.4	0.04	0.000*	---	6.03	14.13
22825	33169	68111	50	316.8	276.5	1.4	0.04	0.000*	---	4.9	6.445
22826	33170	68111	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
22827	33172	68111	50	211.4	198.5	1.4	0.04	0.000*	---	3.63	1.546
22828	33173	68111	50	283.8	252	1.4	0.04	0.000*	---	4.51	4.497
22829	33175	68111	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
22830	33177	68111	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.264
22831	33179	68111	50	657	528.2	1.4	0.04	0.000*	---	8.6	37.373
22832	33180	68111	50	534.4	437.5	1.4	0.04	0.000*	---	7.33	25.421
22833	33181	68111	50	190.2	182.7	1.4	0.04	0.000*	---	3.36	1.018
22834	33182	68111	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
22835	33185	68111	50	56	83.4	1.4	0.04	0.000*	---	1.62	0.005
22836	33186	68111	50	305.8	268.3	1.4	0.04	0.000*	---	4.77	5.756
22837	33187	68111	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
22838	33188	68111	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
22839	33189	68111	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.031
22840	33190	68111	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.782
22841	33192	68111	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.027
22842	33198	68111	50	302.2	265.6	1.4	0.04	0.000*	---	4.73	5.54
22843	33200	68111	50	250.3	227.3	1.4	0.04	0.000*	---	4.1	2.905
22844	33201	68111	50	337.6	291.8	1.4	0.04	0.000*	---	5.14	7.843
22845	33202	68111	50	69.4	93.4	1.4	0.04	0.000*	---	1.8	0.013
22846	33204	68111	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
22847	33205	68111	50	35.6	68.3	1.4	0.04	0.000*	---	1.34	0.001
22848	33206	68111	50	194	185.5	1.4	0.04	0.000*	---	3.41	1.102
22849	33207	68111	50	146.7	150.6	1.4	0.04	0.000*	---	2.81	0.347
22850	33208	68111	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
22851	33210	68111	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.085
22852	33211	68111	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
22853	33213	68111	50	223.9	207.7	1.4	0.04	0.000*	---	3.78	1.925
22854	33214	68111	50	264.5	237.8	1.4	0.04	0.000*	---	4.28	3.533
22855	33217	68111	50	121	131.5	1.4	0.04	0.000*	---	2.48	0.15
22856	33221	68111	50	82.1	102.8	1.4	0.04	0.000*	---	1.97	0.027
22857	33222	68111	50	126.9	135.9	1.4	0.04	0.000*	---	2.56	0.185
22858	33223	68111	50	130.5	138.6	1.4	0.04	0.000*	---	2.6	0.209
22859	33224	68111	50	349.4	300.5	1.4	0.04	0.000*	---	5.28	8.697
22860	33226	68111	50	344.2	296.7	1.4	0.04	0.000*	---	5.22	8.316
22861	33228	68111	50	94.7	112.1	1.4	0.04	0.000*	---	2.14	0.051
22862	33230	68111	50	58.6	85.4	1.4	0.04	0.000*	---	1.65	0.006
22863	33233	68111	50	64.6	89.8	1.4	0.04	0.000*	---	1.73	0.01
22864	33235	68111	50	266.9	239.5	1.4	0.04	0.000*	---	4.3	3.645
22865	33236	68111	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
22866	33239	68111	50	377.9	321.7	1.4	0.04	0.000*	---	5.61	10.91
22867	33240	68111	50	78.7	100.3	1.4	0.04	0.000*	---	1.92	0.023
22868	33242	68111	50	572.5	465.6	1.4	0.04	0.000*	---	7.73	29.185
22869	33243	68111	50	226.1	209.3	1.4	0.04	0.000*	---	3.81	1.997
22870	33244	68111	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
22871	33245	68111	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.881
22872	33247	68111	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
22873	33248	68111	50	225.1	208.5	1.4	0.04	0.000*	---	3.79	1.962
22874	33250	68111	50	186.4	179.9	1.4	0.04	0.000*	---	3.31	0.94

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22875	33251	68111	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.188
22876	33252	68111	50	406.9	343.1	1.4	0.04	0.000*	---	5.93	13.342
22877	33256	68111	50	471.7	391.1	1.4	0.04	0.000*	---	6.65	19.299
22878	33259	68111	50	514.7	422.9	1.4	0.04	0.000*	---	7.12	23.471
22879	33260	68111	50	90.2	108.7	1.4	0.04	0.000*	---	2.08	0.041
22880	33261	68111	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
22881	33262	68111	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
22882	33263	68111	50	56.4	83.7	1.4	0.04	0.000*	---	1.63	0.006
22883	33264	68111	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
22884	33266	68111	50	64.5	89.7	1.4	0.04	0.000*	---	1.73	0.01
22885	33270	68111	50	91.6	109.8	1.4	0.04	0.000*	---	2.09	0.044
22886	33271	68111	50	89.1	107.9	1.4	0.04	0.000*	---	2.06	0.039
22887	33274	68111	50	267.5	240	1.4	0.04	0.000*	---	4.31	3.673
22888	33275	68111	50	100.5	116.4	1.4	0.04	0.000*	---	2.21	0.066
22889	33283	68111	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
22890	33284	68111	50	208.7	196.4	1.4	0.04	0.000*	---	3.59	1.47
22891	33292	68111	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.885
22892	33293	68111	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
22893	33296	68111	50	84.6	104.6	1.4	0.04	0.000*	---	2	0.031
22894	33302	68111	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.069
22895	33303	68111	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.088
22896	33307	68111	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
22897	33309	68111	50	382.3	324.9	1.4	0.04	0.000*	---	5.66	11.268
22898	33310	68111	50	189.4	182.2	1.4	0.04	0.000*	---	3.35	1.002
22899	33312	68111	50	374.9	319.4	1.4	0.04	0.000*	---	5.57	10.661
22900	33313	68111	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
22901	33314	68111	50	278.7	248.3	1.4	0.04	0.000*	---	4.45	4.231
22902	33316	68111	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.25
22903	33317	68111	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.402
22904	33319	68111	50	484.9	400.8	1.4	0.04	0.000*	---	6.8	20.567
22905	33320	68111	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.35
22906	33321	68111	50	162.8	162.4	1.4	0.04	0.000*	---	3.02	0.538
22907	33324	68111	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.438
22908	33325	68111	50	309.4	271	1.4	0.04	0.000*	---	4.81	5.979
22909	33327	68111	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.254
22910	33329	68111	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
22911	33331	68111	50	159.6	160.1	1.4	0.04	0.000*	---	2.97	0.495
22912	33332	68111	50	63.1	88.7	1.4	0.04	0.000*	---	1.72	0.009
22913	33333	68111	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.835
22914	33334	68111	50	159	159.7	1.4	0.04	0.000*	---	2.97	0.488
22915	33335	68111	50	418.3	351.5	1.4	0.04	0.000*	---	6.06	14.347
22916	33336	68111	50	94	111.6	1.4	0.04	0.000*	---	2.13	0.049
22917	33337	68111	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.091
22918	33339	68111	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.172
22919	33342	68111	50	269.5	241.4	1.4	0.04	0.000*	---	4.34	3.768
22920	33343	68111	50	484.5	400.6	1.4	0.04	0.000*	---	6.79	20.531
22921	33344	68111	50	405	341.7	1.4	0.04	0.000*	---	5.91	13.182
22922	33346	68111	50	299.2	263.4	1.4	0.04	0.000*	---	4.69	5.36
22923	33347	68111	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.645
22924	33348	68111	50	236.5	217	1.4	0.04	0.000*	---	3.94	2.363
22925	33349	68111	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.041
22926	33350	68111	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
22927	33351	68111	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.082
22928	33355	68111	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.588
22929	33356	68111	50	268.2	240.5	1.4	0.04	0.000*	---	4.32	3.708
22930	33357	68111	50	103.4	118.6	1.4	0.04	0.000*	---	2.25	0.075
22931	33358	68111	50	610.4	493.7	1.4	0.04	0.000*	---	8.12	32.904
22932	33360	68111	50	145.8	149.9	1.4	0.04	0.000*	---	2.8	0.338
22933	33361	68111	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
22934	33362	68111	50	63.8	89.2	1.4	0.04	0.000*	---	1.72	0.009
22935	33365	68111	50	275.6	246	1.4	0.04	0.000*	---	4.41	4.073

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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22936	33368	68111	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
22937	33369	68111	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.793
22938	33372	68111	50	600.6	486.5	1.4	0.04	0.000*	---	8.02	31.95
22939	33373	68111	50	98.6	114.9	1.4	0.04	0.000*	---	2.19	0.061
22940	33374	68111	50	207.6	195.6	1.4	0.04	0.000*	---	3.58	1.441
22941	33377	68111	50	79.3	100.7	1.4	0.04	0.000*	---	1.93	0.023
22942	33378	68111	50	457.5	380.5	1.4	0.04	0.000*	---	6.5	17.943
22943	33380	68111	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.56
22944	33382	68111	50	168.3	166.5	1.4	0.04	0.000*	---	3.09	0.618
22945	33383	68111	50	287.2	254.5	1.4	0.04	0.000*	---	4.55	4.682
22946	33384	68111	50	96.9	113.7	1.4	0.04	0.000*	---	2.16	0.056
22947	33385	68111	50	381	323.9	1.4	0.04	0.000*	---	5.64	11.158
22948	33386	68111	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.79
22949	33389	68111	50	259.6	234.1	1.4	0.04	0.000*	---	4.22	3.308
22950	33390	68111	50	77.3	99.2	1.4	0.04	0.000*	---	1.91	0.021
22951	33391	68111	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
22952	33392	68111	50	112.9	125.5	1.4	0.04	0.000*	---	2.37	0.111
22953	33395	68111	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
22954	33397	68111	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.895
22955	33398	68111	50	93.6	111.3	1.4	0.04	0.000*	---	2.12	0.048
22956	33400	68111	50	173.7	170.6	1.4	0.04	0.000*	---	3.15	0.705
22957	33401	68111	50	275.7	246	1.4	0.04	0.000*	---	4.41	4.074
22958	33405	68111	50	105.2	119.8	1.4	0.04	0.000*	---	2.27	0.081
22959	33406	68111	50	270.5	242.1	1.4	0.04	0.000*	---	4.35	3.815
22960	33407	68111	50	182.1	176.8	1.4	0.04	0.000*	---	3.26	0.855
22961	33408	68111	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.067
22962	33411	68111	50	96.4	113.4	1.4	0.04	0.000*	---	2.16	0.055
22963	33412	68111	50	77	99	1.4	0.04	0.000*	---	1.9	0.021
22964	33414	68111	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.291
22965	33415	68111	50	309	270.7	1.4	0.04	0.000*	---	4.81	5.954
22966	33416	68111	50	259.1	233.7	1.4	0.04	0.000*	---	4.21	3.283
22967	33419	68111	50	250	227	1.4	0.04	0.000*	---	4.1	2.892
22968	33424	68111	50	88.7	107.7	1.4	0.04	0.000*	---	2.06	0.038
22969	33425	68111	50	69.8	93.7	1.4	0.04	0.000*	---	1.81	0.014
22970	33429	68111	50	96.6	113.5	1.4	0.04	0.000*	---	2.16	0.056
22971	33430	68111	50	204.4	193.2	1.4	0.04	0.000*	---	3.54	1.355
22972	33431	68111	50	223.5	207.4	1.4	0.04	0.000*	---	3.78	1.91
22973	33432	68111	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.36
22974	33433	68111	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
22975	33436	68111	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
22976	33437	68111	50	87.8	107	1.4	0.04	0.000*	---	2.04	0.036
22977	33438	68111	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.167
22978	33439	68111	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.775
22979	33441	68111	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.225
22980	33442	68111	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
22981	33447	68111	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.123
22982	33450	68111	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.092
22983	33451	68111	50	163.7	163.1	1.4	0.04	0.000*	---	3.03	0.551
22984	33453	68111	50	77.3	99.2	1.4	0.04	0.000*	---	1.9	0.021
22985	33456	68111	50	301.4	265.1	1.4	0.04	0.000*	---	4.72	5.493
22986	33460	68111	50	93.3	111	1.4	0.04	0.000*	---	2.12	0.048
22987	33461	68111	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.945
22988	33462	68111	50	209.5	197.1	1.4	0.04	0.000*	---	3.6	1.493
22989	33463	68111	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
22990	33465	68111	50	511.9	420.8	1.4	0.04	0.000*	---	7.09	23.201
22991	33467	68111	50	374.6	319.2	1.4	0.04	0.000*	---	5.57	10.644
22992	33469	68111	50	331.3	287.2	1.4	0.04	0.000*	---	5.07	7.41
22993	33470	68111	50	80.2	101.3	1.4	0.04	0.000*	---	1.94	0.025
22994	33478	68111	50	455.7	379.2	1.4	0.04	0.000*	---	6.48	17.778
22995	33479	68111	50	262.3	236.1	1.4	0.04	0.000*	---	4.25	3.43
22996	33480	68111	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.675

LEAD BATCH MODE OUTPUT FILE
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Run Mode: Research

* : signify default values used in place of missing input data.
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
22997	33482	68111	50	355.3	305	1.4	0.04	0.000*	---	5.35	9.142
22998	33484	68111	50	262.1	235.9	1.4	0.04	0.000*	---	4.25	3.418
22999	33485	68111	50	124.8	134.4	1.4	0.04	0.000*	---	2.53	0.172
23000	33489	68111	50	113	125.6	1.4	0.04	0.000*	---	2.37	0.111
23001	33490	68111	50	489.2	404	1.4	0.04	0.000*	---	6.84	20.98
23002	33492	68111	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.09
23003	33493	68111	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.575
23004	33495	68111	50	98.7	115	1.4	0.04	0.000*	---	2.19	0.061
23005	33496	68111	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.912
23006	33499	68111	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.041
23007	33501	68111	50	325.5	282.9	1.4	0.04	0.000*	---	5	7.014
23008	33503	68111	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
23009	33504	68111	50	95.8	112.9	1.4	0.04	0.000*	---	2.15	0.054
23010	33506	68111	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.877
23011	33511	68111	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.953
23012	33515	68111	50	146.3	150.3	1.4	0.04	0.000*	---	2.81	0.343
23013	33517	68111	50	385.3	327.1	1.4	0.04	0.000*	---	5.69	11.51
23014	33520	68111	50	415.6	349.5	1.4	0.04	0.000*	---	6.03	14.107
23015	33521	68111	50	210.2	197.6	1.4	0.04	0.000*	---	3.61	1.512
23016	33522	68111	50	283.2	251.6	1.4	0.04	0.000*	---	4.5	4.467
23017	33523	68111	50	121.4	131.8	1.4	0.04	0.000*	---	2.48	0.152
23018	33525	68111	50	264.4	237.7	1.4	0.04	0.000*	---	4.27	3.527
23019	33526	68111	50	426.4	357.6	1.4	0.04	0.000*	---	6.15	15.077
23020	33530	68111	50	184.1	178.2	1.4	0.04	0.000*	---	3.29	0.893
23021	33531	68111	50	109.2	122.8	1.4	0.04	0.000*	---	2.32	0.095
23022	33534	68111	50	282.8	251.3	1.4	0.04	0.000*	---	4.49	4.444
23023	33538	68111	50	86.8	106.2	1.4	0.04	0.000*	---	2.03	0.035
23024	33542	68111	50	177.1	173	1.4	0.04	0.000*	---	3.2	0.763
23025	33544	68111	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
23026	33545	68111	50	260.2	234.6	1.4	0.04	0.000*	---	4.22	3.335
23027	33546	68111	50	214.3	200.6	1.4	0.04	0.000*	---	3.66	1.627
23028	33549	68111	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.119
23029	33551	68111	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.045
23030	33552	68111	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.745
23031	33554	68111	50	420.6	353.3	1.4	0.04	0.000*	---	6.09	14.553
23032	33556	68111	50	160.7	160.9	1.4	0.04	0.000*	---	2.99	0.51
23033	33558	68111	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.951
23034	33559	68111	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.231
23035	33561	68111	50	260.7	234.9	1.4	0.04	0.000*	---	4.23	3.357
23036	33564	68111	50	240.8	220.2	1.4	0.04	0.000*	---	3.99	2.523
23037	33565	68111	50	69.8	93.7	1.4	0.04	0.000*	---	1.8	0.013
23038	33566	68111	50	156.4	157.8	1.4	0.04	0.000*	---	2.94	0.455
23039	33567	68111	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.403
23040	33569	68111	50	246.3	224.3	1.4	0.04	0.000*	---	4.05	2.739
23041	33570	68111	50	106.1	120.6	1.4	0.04	0.000*	---	2.29	0.084
23042	33571	68111	50	253.4	229.5	1.4	0.04	0.000*	---	4.14	3.034
23043	33572	68111	50	194.8	186.1	1.4	0.04	0.000*	---	3.42	1.12
23044	33573	68111	50	202.6	191.9	1.4	0.04	0.000*	---	3.52	1.31
23045	33574	68111	50	135.3	142.1	1.4	0.04	0.000*	---	2.66	0.244
23046	33577	68111	50	197.3	188	1.4	0.04	0.000*	---	3.45	1.179
23047	33578	68111	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.258
23048	33580	68111	50	99.3	115.5	1.4	0.04	0.000*	---	2.2	0.063
23049	33581	68111	50	284.5	252.6	1.4	0.04	0.000*	---	4.52	4.537
23050	33583	68111	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
23051	33584	68111	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.089
23052	33587	68111	50	283.2	251.6	1.4	0.04	0.000*	---	4.5	4.464
23053	33588	68111	50	287.8	255	1.4	0.04	0.000*	---	4.55	4.714
23054	33593	68111	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
23055	33597	68111	50	66.6	91.3	1.4	0.04	0.000*	---	1.76	0.011
23056	33598	68111	50	177.9	173.7	1.4	0.04	0.000*	---	3.21	0.778
23057	33600	68111	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.457

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23058	33601	68111	50	106.4	120.7	1.4	0.04	0.000*	---	2.29	0.085
23059	33603	68111	50	217	202.6	1.4	0.04	0.000*	---	3.7	1.71
23060	33604	68111	50	94	111.5	1.4	0.04	0.000*	---	2.13	0.049
23061	33607	68111	50	260.2	234.6	1.4	0.04	0.000*	---	4.22	3.334
23062	33608	68111	50	99.5	115.6	1.4	0.04	0.000*	---	2.2	0.063
23063	33609	68111	50	209.8	197.3	1.4	0.04	0.000*	---	3.61	1.501
23064	33610	68111	50	586.4	475.9	1.4	0.04	0.000*	---	7.87	30.552
23065	33612	68111	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
23066	33614	68111	50	214.5	200.8	1.4	0.04	0.000*	---	3.66	1.635
23067	33618	68111	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.277
23068	33619	68111	50	98.5	114.9	1.4	0.04	0.000*	---	2.18	0.061
23069	33621	68111	50	128.4	137	1.4	0.04	0.000*	---	2.57	0.194
23070	33623	68111	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
23071	33628	68111	50	434.3	363.4	1.4	0.04	0.000*	---	6.24	15.786
23072	33630	68111	50	469	389.1	1.4	0.04	0.000*	---	6.62	19.04
23073	33631	68111	50	139.8	145.5	1.4	0.04	0.000*	---	2.72	0.282
23074	33633	68111	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
23075	33634	68111	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.926
23076	33637	68111	50	86.3	105.9	1.4	0.04	0.000*	---	2.02	0.034
23077	33641	68111	50	126.8	135.9	1.4	0.04	0.000*	---	2.56	0.185
23078	33644	68111	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.171
23079	33645	68111	50	282.5	251	1.4	0.04	0.000*	---	4.49	4.426
23080	33647	68111	50	424.1	355.9	1.4	0.04	0.000*	---	6.13	14.869
23081	33648	68111	50	155.9	157.3	1.4	0.04	0.000*	---	2.93	0.448
23082	33650	68111	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.24
23083	33651	68111	50	333.4	288.7	1.4	0.04	0.000*	---	5.09	7.551
23084	33652	68111	50	121.4	131.8	1.4	0.04	0.000*	---	2.48	0.152
23085	33654	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.462
23086	33657	68111	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
23087	33658	68111	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.054
23088	33661	68111	50	229.3	211.7	1.4	0.04	0.000*	---	3.85	2.106
23089	33662	68111	50	324.6	282.2	1.4	0.04	0.000*	---	4.99	6.955
23090	33664	68111	50	199.3	189.5	1.4	0.04	0.000*	---	3.48	1.227
23091	33665	68111	50	235.9	216.6	1.4	0.04	0.000*	---	3.93	2.339
23092	33666	68111	50	139.5	145.3	1.4	0.04	0.000*	---	2.72	0.279
23093	33667	68111	50	157.2	158.3	1.4	0.04	0.000*	---	2.94	0.465
23094	33668	68111	50	130.7	138.7	1.4	0.04	0.000*	---	2.6	0.21
23095	33669	68111	50	111.4	124.4	1.4	0.04	0.000*	---	2.35	0.104
23096	33671	68111	50	226.4	209.5	1.4	0.04	0.000*	---	3.81	2.006
23097	33672	68111	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
23098	33673	68111	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
23099	33674	68111	50	353.9	303.9	1.4	0.04	0.000*	---	5.33	9.036
23100	33675	68111	50	226.6	209.7	1.4	0.04	0.000*	---	3.81	2.012
23101	33676	68111	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
23102	33678	68111	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
23103	33679	68111	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
23104	33680	68111	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.04
23105	33683	68111	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.994
23106	33685	68111	50	246.6	224.5	1.4	0.04	0.000*	---	4.06	2.752
23107	33686	68111	50	172.1	169.3	1.4	0.04	0.000*	---	3.13	0.678
23108	33689	68111	50	441.5	368.7	1.4	0.04	0.000*	---	6.32	16.452
23109	33690	68111	50	141.7	146.9	1.4	0.04	0.000*	---	2.75	0.299
23110	33696	68111	50	339.5	293.2	1.4	0.04	0.000*	---	5.16	7.978
23111	33701	68111	50	272.6	243.8	1.4	0.04	0.000*	---	4.37	3.923
23112	33702	68111	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.545
23113	33703	68111	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.228
23114	33704	68111	50	375.8	320.1	1.4	0.04	0.000*	---	5.58	10.737
23115	33705	68111	50	261.1	235.2	1.4	0.04	0.000*	---	4.23	3.376
23116	33707	68111	50	403.4	340.5	1.4	0.04	0.000*	---	5.89	13.041
23117	33708	68111	50	236.3	216.8	1.4	0.04	0.000*	---	3.93	2.352
23118	33710	68111	50	252.7	229	1.4	0.04	0.000*	---	4.13	3.003

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23119	33711	68111	50	254.2	230.1	1.4	0.04	0.000*	---	4.15	3.068
23120	33712	68111	50	273	244.1	1.4	0.04	0.000*	---	4.38	3.943
23121	33713	68111	50	359.7	308.2	1.4	0.04	0.000*	---	5.4	9.471
23122	33715	68111	50	171.1	168.6	1.4	0.04	0.000*	---	3.12	0.662
23123	33716	68111	50	111.7	124.7	1.4	0.04	0.000*	---	2.36	0.106
23124	33717	68111	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.62
23125	33719	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.68	0.257
23126	33720	68111	50	863.1	680.7	1.4	0.04	0.000*	---	10.58	54.813
23127	33721	68111	50	83.1	103.5	1.4	0.04	0.000*	---	1.98	0.029
23128	33722	68111	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.457
23129	33723	68111	50	249	226.3	1.4	0.04	0.000*	---	4.09	2.85
23130	33724	68111	50	181	175.9	1.4	0.04	0.000*	---	3.25	0.833
23131	33727	68111	50	156.8	158	1.4	0.04	0.000*	---	2.94	0.46
23132	33729	68111	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
23133	33730	68111	50	177.6	173.4	1.4	0.04	0.000*	---	3.2	0.772
23134	33733	68111	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
23135	33734	68111	50	131.6	139.4	1.4	0.04	0.000*	---	2.62	0.217
23136	33736	68111	50	100.8	116.6	1.4	0.04	0.000*	---	2.22	0.067
23137	33737	68111	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.058
23138	33738	68111	50	107	121.2	1.4	0.04	0.000*	---	2.3	0.087
23139	33740	68111	50	435	363.9	1.4	0.04	0.000*	---	6.25	15.852
23140	33741	68111	50	262.3	236.1	1.4	0.04	0.000*	---	4.25	3.431
23141	33742	68111	50	293.7	259.3	1.4	0.04	0.000*	---	4.62	5.041
23142	33743	68111	50	152	154.5	1.4	0.04	0.000*	---	2.88	0.403
23143	33744	68111	50	348.4	299.8	1.4	0.04	0.000*	---	5.27	8.621
23144	33745	68111	50	128.1	136.8	1.4	0.04	0.000*	---	2.57	0.193
23145	33746	68111	50	150.5	153.3	1.4	0.04	0.000*	---	2.86	0.386
23146	33748	68111	50	123.2	133.2	1.4	0.04	0.000*	---	2.51	0.163
23147	33750	68111	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.586
23148	33751	68111	50	150.6	153.4	1.4	0.04	0.000*	---	2.86	0.387
23149	33752	68111	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.188
23150	33753	68111	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.046
23151	33755	68111	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.373
23152	33757	68111	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.434
23153	33758	68111	50	310.6	271.9	1.4	0.04	0.000*	---	4.83	6.054
23154	33759	68111	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
23155	33760	68111	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.524
23156	33761	68111	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.433
23157	33763	68111	50	140.4	145.9	1.4	0.04	0.000*	---	2.73	0.287
23158	33764	68111	50	433.2	362.5	1.4	0.04	0.000*	---	6.23	15.687
23159	33767	68111	50	267.9	240.3	1.4	0.04	0.000*	---	4.32	3.692
23160	33768	68111	50	169.8	167.6	1.4	0.04	0.000*	---	3.11	0.642
23161	33769	68111	50	223.6	207.4	1.4	0.04	0.000*	---	3.78	1.914
23162	33772	68111	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.156
23163	33780	68111	50	1223	947	1.4	0.04	0.000*	---	13.7	74.875
23164	33781	68111	50	331.9	287.6	1.4	0.04	0.000*	---	5.07	7.45
23165	33782	68111	50	301.1	264.8	1.4	0.04	0.000*	---	4.71	5.472
23166	33785	68111	50	135.1	142	1.4	0.04	0.000*	---	2.66	0.243
23167	33786	68111	50	113.1	125.7	1.4	0.04	0.000*	---	2.38	0.112
23168	33788	68111	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.437
23169	33792	68111	50	183.4	177.7	1.4	0.04	0.000*	---	3.28	0.88
23170	33794	68111	50	119	130	1.4	0.04	0.000*	---	2.45	0.139
23171	33795	68111	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.652
23172	33796	68111	50	261.1	235.2	1.4	0.04	0.000*	---	4.23	3.372
23173	33797	68111	50	493.4	407.1	1.4	0.04	0.000*	---	6.89	21.387
23174	33799	68111	50	280.3	249.4	1.4	0.04	0.000*	---	4.47	4.314
23175	33802	68111	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
23176	33803	68111	50	274.3	245	1.4	0.04	0.000*	---	4.39	4.007
23177	33804	68111	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
23178	33805	68111	50	211.5	198.5	1.4	0.04	0.000*	---	3.63	1.548
23179	33806	68111	50	265	238.1	1.4	0.04	0.000*	---	4.28	3.553

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23180	33807	68111	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
23181	33809	68111	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.083
23182	33810	68111	50	327.1	284.1	1.4	0.04	0.000*	---	5.02	7.125
23183	33813	68111	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.626
23184	33817	68111	50	323	281	1.4	0.04	0.000*	---	4.97	6.849
23185	33818	68111	50	201.8	191.3	1.4	0.04	0.000*	---	3.51	1.288
23186	33822	68111	50	212.9	199.5	1.4	0.04	0.000*	---	3.64	1.587
23187	33823	68111	50	322.1	280.3	1.4	0.04	0.000*	---	4.96	6.787
23188	33826	68111	50	98.7	115	1.4	0.04	0.000*	---	2.19	0.061
23189	33827	68111	50	132.3	139.9	1.4	0.04	0.000*	---	2.62	0.222
23190	33831	68111	50	220.5	205.2	1.4	0.04	0.000*	---	3.74	1.816
23191	33832	68111	50	325.7	283	1.4	0.04	0.000*	---	5	7.029
23192	33833	68111	50	414.3	348.6	1.4	0.04	0.000*	---	6.02	13.993
23193	33835	68111	50	457.5	380.5	1.4	0.04	0.000*	---	6.5	17.944
23194	33839	68111	50	250.8	227.6	1.4	0.04	0.000*	---	4.11	2.926
23195	33843	68111	50	202.1	191.5	1.4	0.04	0.000*	---	3.51	1.296
23196	33844	68111	50	208.6	196.3	1.4	0.04	0.000*	---	3.59	1.466
23197	33845	68111	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.234
23198	33848	68111	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
23199	33850	68111	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.805
23200	33851	68111	50	79.7	101	1.4	0.04	0.000*	---	1.94	0.024
23201	33856	68111	50	273.9	244.7	1.4	0.04	0.000*	---	4.39	3.984
23202	33859	68111	50	356.5	305.8	1.4	0.04	0.000*	---	5.36	9.233
23203	33861	68111	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.458
23204	33863	68111	50	263.4	236.9	1.4	0.04	0.000*	---	4.26	3.481
23205	33865	68111	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
23206	33868	68111	50	184.4	178.4	1.4	0.04	0.000*	---	3.29	0.899
23207	33869	68111	50	194.6	186	1.4	0.04	0.000*	---	3.42	1.116
23208	33870	68111	50	111.1	124.3	1.4	0.04	0.000*	---	2.35	0.103
23209	33871	68111	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.936
23210	33873	68111	50	185.7	179.4	1.4	0.04	0.000*	---	3.31	0.926
23211	33875	68111	50	218.5	203.7	1.4	0.04	0.000*	---	3.71	1.755
23212	33878	68111	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.164
23213	33885	68111	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.18
23214	33889	68111	50	104.3	119.2	1.4	0.04	0.000*	---	2.26	0.078
23215	33891	68111	50	187.8	181	1.4	0.04	0.000*	---	3.33	0.969
23216	33895	68111	50	166.7	165.3	1.4	0.04	0.000*	---	3.07	0.594
23217	33896	68111	50	249.1	226.4	1.4	0.04	0.000*	---	4.09	2.855
23218	33899	68111	50	415.6	349.6	1.4	0.04	0.000*	---	6.03	14.11
23219	33900	68111	50	310.7	272	1.4	0.04	0.000*	---	4.83	6.059
23220	33901	68111	50	138.2	144.3	1.4	0.04	0.000*	---	2.7	0.268
23221	33903	68111	50	185	178.9	1.4	0.04	0.000*	---	3.3	0.911
23222	33908	68111	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
23223	33910	68111	50	82.6	103.2	1.4	0.04	0.000*	---	1.98	0.028
23224	33911	68111	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.695
23225	33913	68111	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.891
23226	33915	68111	50	438.6	366.6	1.4	0.04	0.000*	---	6.29	16.189
23227	33919	68111	50	389.9	330.5	1.4	0.04	0.000*	---	5.74	11.892
23228	33923	68111	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
23229	33924	68111	50	233.7	214.9	1.4	0.04	0.000*	---	3.9	2.258
23230	33930	68111	50	155.5	157.1	1.4	0.04	0.000*	---	2.92	0.444
23231	33931	68111	50	140.9	146.2	1.4	0.04	0.000*	---	2.74	0.291
23232	33932	68111	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.711
23233	33933	68111	50	361.9	309.8	1.4	0.04	0.000*	---	5.42	9.644
23234	33937	68111	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.047
23235	33938	68111	50	124.4	134.1	1.4	0.04	0.000*	---	2.52	0.17
23236	33939	68111	50	164.7	163.9	1.4	0.04	0.000*	---	3.04	0.565
23237	33942	68111	50	96.6	113.4	1.4	0.04	0.000*	---	2.16	0.055
23238	33944	68111	50	285.8	253.5	1.4	0.04	0.000*	---	4.53	4.604
23239	33945	68111	50	137.9	144.1	1.4	0.04	0.000*	---	2.7	0.266
23240	33947	68111	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23241	33948	68111	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.741
23242	33949	68111	50	119.7	130.6	1.4	0.04	0.000*	---	2.46	0.143
23243	33950	68111	50	296.1	261.1	1.4	0.04	0.000*	---	4.65	5.184
23244	33951	68111	50	131.6	139.4	1.4	0.04	0.000*	---	2.62	0.217
23245	33953	68111	50	116.2	128	1.4	0.04	0.000*	---	2.42	0.126
23246	33954	68111	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.139
23247	33955	68111	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.904
23248	33956	68111	50	196.4	187.4	1.4	0.04	0.000*	---	3.44	1.159
23249	33957	68111	50	315.9	275.8	1.4	0.04	0.000*	---	4.89	6.387
23250	33959	68111	50	301.6	265.2	1.4	0.04	0.000*	---	4.72	5.501
23251	33964	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
23252	33966	68111	50	176.9	172.9	1.4	0.04	0.000*	---	3.2	0.76
23253	33967	68111	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.597
23254	33968	68111	50	101.6	117.2	1.4	0.04	0.000*	---	2.23	0.07
23255	33971	68111	50	77.2	99.2	1.4	0.04	0.000*	---	1.9	0.021
23256	33972	68111	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.292
23257	33976	68111	50	313.3	273.8	1.4	0.04	0.000*	---	4.86	6.218
23258	33977	68111	50	354.7	304.5	1.4	0.04	0.000*	---	5.34	9.096
23259	33978	68111	50	81.6	102.4	1.4	0.04	0.000*	---	1.96	0.027
23260	33981	68111	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.241
23261	33983	68111	50	160.2	160.6	1.4	0.04	0.000*	---	2.98	0.503
23262	33985	68111	50	221.6	206	1.4	0.04	0.000*	---	3.75	1.85
23263	33987	68111	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
23264	33988	68111	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.991
23265	33989	68111	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.002
23266	33992	68111	50	109.6	123.1	1.4	0.04	0.000*	---	2.33	0.097
23267	33993	68111	50	125.3	134.7	1.4	0.04	0.000*	---	2.53	0.175
23268	33995	68111	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
23269	33996	68111	50	165.4	164.4	1.4	0.04	0.000*	---	3.05	0.576
23270	33997	68111	50	190.2	182.8	1.4	0.04	0.000*	---	3.36	1.019
23271	33998	68111	50	258.1	233	1.4	0.04	0.000*	---	4.2	3.239
23272	34001	68111	50	280	249.2	1.4	0.04	0.000*	---	4.46	4.298
23273	34003	68111	50	223	207	1.4	0.04	0.000*	---	3.77	1.894
23274	34004	68111	50	236.4	216.9	1.4	0.04	0.000*	---	3.93	2.356
23275	34005	68111	50	198	188.6	1.4	0.04	0.000*	---	3.46	1.197
23276	34006	68111	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.181
23277	34008	68111	50	196.4	187.4	1.4	0.04	0.000*	---	3.44	1.159
23278	34011	68111	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
23279	34014	68111	50	177	173	1.4	0.04	0.000*	---	3.2	0.761
23280	34015	68111	50	315	275.1	1.4	0.04	0.000*	---	4.88	6.326
23281	34016	68111	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
23282	34017	68111	50	228.5	211.1	1.4	0.04	0.000*	---	3.84	2.076
23283	34018	68111	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.566
23284	34019	68111	50	164.6	163.8	1.4	0.04	0.000*	---	3.04	0.563
23285	34020	68111	50	215.6	201.5	1.4	0.04	0.000*	---	3.68	1.666
23286	34021	68111	50	643.7	518.3	1.4	0.04	0.000*	---	8.46	36.111
23287	34025	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.949
23288	34026	68111	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
23289	34028	68111	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.367
23290	34031	68111	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083
23291	34032	68111	50	162.8	162.4	1.4	0.04	0.000*	---	3.02	0.538
23292	34036	68111	50	309.1	270.8	1.4	0.04	0.000*	---	4.81	5.96
23293	34037	68111	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.095
23294	34040	68111	50	230.9	212.8	1.4	0.04	0.000*	---	3.87	2.159
23295	34042	68111	50	173.2	170.2	1.4	0.04	0.000*	---	3.15	0.697
23296	34043	68111	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.104
23297	34044	68111	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.389
23298	34049	68111	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.73
23299	34051	68111	50	537.6	439.8	1.4	0.04	0.000*	---	7.36	25.735
23300	34052	68111	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.893
23301	34056	68111	50	234.7	215.7	1.4	0.04	0.000*	---	3.91	2.296

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23302	34059	68111	50	131.6	139.4	1.4	0.04	0.000*	---	2.62	0.217
23303	34060	68111	50	309	270.6	1.4	0.04	0.000*	---	4.81	5.951
23304	34061	68111	50	204.4	193.2	1.4	0.04	0.000*	---	3.54	1.354
23305	34062	68111	50	362.5	310.3	1.4	0.04	0.000*	---	5.43	9.69
23306	34063	68111	50	96.8	113.6	1.4	0.04	0.000*	---	2.16	0.056
23307	34064	68111	50	120	130.8	1.4	0.04	0.000*	---	2.47	0.145
23308	34065	68111	50	178.6	174.1	1.4	0.04	0.000*	---	3.22	0.789
23309	34066	68111	50	334.9	289.9	1.4	0.04	0.000*	---	5.11	7.659
23310	34067	68111	50	140.2	145.7	1.4	0.04	0.000*	---	2.73	0.285
23311	34069	68111	50	154.4	156.2	1.4	0.04	0.000*	---	2.91	0.43
23312	34070	68111	50	415.3	349.3	1.4	0.04	0.000*	---	6.03	14.081
23313	34074	68111	50	238.2	218.3	1.4	0.04	0.000*	---	3.96	2.425
23314	34075	68111	50	105.9	120.3	1.4	0.04	0.000*	---	2.28	0.083
23315	34077	68111	50	210.7	197.9	1.4	0.04	0.000*	---	3.62	1.525
23316	34078	68111	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.336
23317	34079	68111	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
23318	34080	68111	50	298.1	262.6	1.4	0.04	0.000*	---	4.68	5.296
23319	34082	68111	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.349
23320	34083	68111	50	230.7	212.7	1.4	0.04	0.000*	---	3.86	2.152
23321	34084	68111	50	361.6	309.5	1.4	0.04	0.000*	---	5.42	9.616
23322	34085	68111	50	108.7	122.5	1.4	0.04	0.000*	---	2.32	0.094
23323	34086	68111	50	194	185.6	1.4	0.04	0.000*	---	3.41	1.103
23324	34087	68111	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.256
23325	34088	68111	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
23326	34090	68111	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.829
23327	34091	68111	50	107.6	121.6	1.4	0.04	0.000*	---	2.3	0.089
23328	34094	68111	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.022
23329	34095	68111	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.98
23330	34099	68111	50	279.7	248.9	1.4	0.04	0.000*	---	4.46	4.28
23331	34101	68111	50	239.4	219.1	1.4	0.04	0.000*	---	3.97	2.468
23332	34103	68111	50	289.1	256	1.4	0.04	0.000*	---	4.57	4.788
23333	34105	68111	50	494.8	408.1	1.4	0.04	0.000*	---	6.9	21.524
23334	34107	68111	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
23335	34111	68111	50	283.3	251.7	1.4	0.04	0.000*	---	4.5	4.472
23336	34112	68111	50	190.5	183	1.4	0.04	0.000*	---	3.37	1.026
23337	34113	68111	50	97.1	113.8	1.4	0.04	0.000*	---	2.17	0.057
23338	34118	68111	50	239.4	219.2	1.4	0.04	0.000*	---	3.97	2.471
23339	34119	68111	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
23340	34120	68111	50	182.6	177.2	1.4	0.04	0.000*	---	3.27	0.865
23341	34125	68111	50	198.6	189	1.4	0.04	0.000*	---	3.47	1.21
23342	34126	68111	50	227.8	210.6	1.4	0.04	0.000*	---	3.83	2.055
23343	34127	68111	50	177.2	173.1	1.4	0.04	0.000*	---	3.2	0.765
23344	34128	68111	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.733
23345	34129	68111	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.781
23346	34130	68111	50	78.1	99.8	1.4	0.04	0.000*	---	1.92	0.022
23347	34131	68111	50	101	116.7	1.4	0.04	0.000*	---	2.22	0.068
23348	34134	68111	50	240.3	219.8	1.4	0.04	0.000*	---	3.98	2.503
23349	34135	68111	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
23350	34136	68111	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
23351	34137	68111	50	165.7	164.6	1.4	0.04	0.000*	---	3.05	0.579
23352	34139	68111	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.047
23353	34140	68111	50	246.3	224.3	1.4	0.04	0.000*	---	4.05	2.739
23354	34141	68111	50	228.9	211.4	1.4	0.04	0.000*	---	3.84	2.092
23355	34142	68111	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.845
23356	34143	68111	50	235	215.9	1.4	0.04	0.000*	---	3.92	2.307
23357	34144	68111	50	134.6	141.6	1.4	0.04	0.000*	---	2.66	0.239
23358	34145	68111	50	195.9	186.9	1.4	0.04	0.000*	---	3.43	1.146
23359	34146	68111	50	162.2	162.1	1.4	0.04	0.000*	---	3.01	0.531
23360	34147	68111	50	159.7	160.1	1.4	0.04	0.000*	---	2.98	0.496
23361	34149	68111	50	360.2	308.6	1.4	0.04	0.000*	---	5.4	9.515
23362	34151	68111	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23363	34153	68111	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
23364	34154	68111	50	217.5	202.9	1.4	0.04	0.000*	---	3.7	1.724
23365	34155	68111	50	151.4	154.1	1.4	0.04	0.000*	---	2.87	0.397
23366	34156	68111	50	250.5	227.4	1.4	0.04	0.000*	---	4.11	2.912
23367	34157	68111	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
23368	34158	68111	50	64	89.4	1.4	0.04	0.000*	---	1.73	0.009
23369	34160	68111	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.198
23370	34161	68111	50	188.3	181.4	1.4	0.04	0.000*	---	3.34	0.979
23371	34163	68111	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.278
23372	34164	68111	50	290.2	256.7	1.4	0.04	0.000*	---	4.58	4.845
23373	34165	68111	50	132.1	139.7	1.4	0.04	0.000*	---	2.62	0.22
23374	34166	68111	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
23375	34167	68111	50	137.8	143.9	1.4	0.04	0.000*	---	2.7	0.264
23376	34169	68111	50	161.3	161.4	1.4	0.04	0.000*	---	3	0.518
23377	34170	68111	50	149.4	152.5	1.4	0.04	0.000*	---	2.84	0.374
23378	34173	68111	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.389
23379	34179	68111	50	39.8	71.5	1.4	0.04	0.000*	---	1.4	0.001
23380	34180	68111	50	73.5	96.4	1.4	0.04	0.000*	---	1.85	0.017
23381	34181	68111	50	89.1	108	1.4	0.04	0.000*	---	2.06	0.039
23382	34182	68111	50	193.2	185	1.4	0.04	0.000*	---	3.4	1.085
23383	34183	68111	50	331.2	287.1	1.4	0.04	0.000*	---	5.07	7.398
23384	34184	68111	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.806
23385	34185	68111	50	146.4	150.3	1.4	0.04	0.000*	---	2.81	0.343
23386	34186	68111	50	104.2	119.1	1.4	0.04	0.000*	---	2.26	0.078
23387	34187	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
23388	34190	68111	50	167.4	165.9	1.4	0.04	0.000*	---	3.07	0.605
23389	34191	68111	50	357.2	306.3	1.4	0.04	0.000*	---	5.37	9.28
23390	34192	68111	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
23391	34193	68111	50	287.6	254.9	1.4	0.04	0.000*	---	4.55	4.706
23392	34194	68111	50	285.5	253.2	1.4	0.04	0.000*	---	4.53	4.587
23393	34196	68111	50	292.8	258.6	1.4	0.04	0.000*	---	4.61	4.991
23394	34197	68111	50	404.1	341	1.4	0.04	0.000*	---	5.9	13.099
23395	34198	68111	50	296.3	261.2	1.4	0.04	0.000*	---	4.66	5.191
23396	34199	68111	50	392.9	332.7	1.4	0.04	0.000*	---	5.78	12.142
23397	34200	68111	50	75.8	98.1	1.4	0.04	0.000*	---	1.88	0.019
23398	34202	68111	50	555.7	453.2	1.4	0.04	0.000*	---	7.55	27.527
23399	34203	68111	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.409
23400	34204	68111	50	176.1	172.3	1.4	0.04	0.000*	---	3.19	0.746
23401	34207	68111	50	122.2	132.4	1.4	0.04	0.000*	---	2.49	0.157
23402	34209	68111	50	484.5	400.5	1.4	0.04	0.000*	---	6.79	20.529
23403	34211	68111	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.052
23404	34212	68111	50	248.5	225.9	1.4	0.04	0.000*	---	4.08	2.829
23405	34215	68111	50	148.4	151.9	1.4	0.04	0.000*	---	2.83	0.365
23406	34216	68111	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.319
23407	34217	68111	50	126.2	135.4	1.4	0.04	0.000*	---	2.55	0.18
23408	34219	68111	50	112.1	124.9	1.4	0.04	0.000*	---	2.36	0.107
23409	34220	68111	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.448
23410	34221	68111	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.952
23411	34222	68111	50	294.3	259.8	1.4	0.04	0.000*	---	4.63	5.079
23412	34223	68111	50	403	340.2	1.4	0.04	0.000*	---	5.89	13.007
23413	34224	68111	50	344.9	297.3	1.4	0.04	0.000*	---	5.23	8.372
23414	34225	68111	50	403	340.2	1.4	0.04	0.000*	---	5.89	13.008
23415	34226	68111	50	224.4	208	1.4	0.04	0.000*	---	3.79	1.939
23416	34228	68111	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.115
23417	34229	68111	50	264.1	237.4	1.4	0.04	0.000*	---	4.27	3.512
23418	34231	68111	50	418.6	351.8	1.4	0.04	0.000*	---	6.07	14.378
23419	34233	68111	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.263
23420	34234	68111	50	332.2	287.8	1.4	0.04	0.000*	---	5.08	7.467
23421	34238	68111	50	486.4	401.9	1.4	0.04	0.000*	---	6.81	20.707
23422	34247	68111	50	285.5	253.3	1.4	0.04	0.000*	---	4.53	4.588
23423	34248	68111	50	237.8	218	1.4	0.04	0.000*	---	3.95	2.41

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23424	34250	68111	50	356.8	306	1.4	0.04	0.000*	---	5.36	9.25
23425	34251	68111	50	504.7	415.5	1.4	0.04	0.000*	---	7.01	22.493
23426	34252	68111	50	651.1	523.8	1.4	0.04	0.000*	---	8.54	36.813
23427	34253	68111	50	303.5	266.6	1.4	0.04	0.000*	---	4.74	5.615
23428	34255	68111	50	598.7	485	1.4	0.04	0.000*	---	8	31.755
23429	34257	68111	50	484.2	400.3	1.4	0.04	0.000*	---	6.79	20.494
23430	34258	68111	50	392.8	332.7	1.4	0.04	0.000*	---	5.78	12.138
23431	34259	68111	50	362	309.9	1.4	0.04	0.000*	---	5.42	9.653
23432	34314	68111	50	381.6	324.4	1.4	0.04	0.000*	---	5.65	11.212
23433	34315	68111	50	219.3	204.3	1.4	0.04	0.000*	---	3.72	1.779
23434	34317	68111	50	459	381.6	1.4	0.04	0.000*	---	6.51	18.086
23435	34320	68111	50	173.3	170.2	1.4	0.04	0.000*	---	3.15	0.698
23436	34326	68111	50	57.2	84.3	1.4	0.04	0.000*	---	1.64	0.006
23437	34327	68111	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.434
23438	34329	68111	50	1032.4	806	1.4	0.04	0.000*	---	12.1	65.769
23439	34331	68111	50	465.4	386.4	1.4	0.04	0.000*	---	6.58	18.697
23440	34332	68111	50	362.7	310.4	1.4	0.04	0.000*	---	5.43	9.704
23441	34333	68111	50	353.8	303.8	1.4	0.04	0.000*	---	5.33	9.027
23442	34334	68111	50	524.7	430.3	1.4	0.04	0.000*	---	7.22	24.457
23443	34336	68111	50	345.9	298	1.4	0.04	0.000*	---	5.24	8.444
23444	34342	68111	50	253.3	229.5	1.4	0.04	0.000*	---	4.14	3.031
23445	34344	68111	50	471.7	391.1	1.4	0.04	0.000*	---	6.65	19.295
23446	34347	68111	50	822.5	650.6	1.4	0.04	0.000*	---	10.21	51.729
23447	34348	68111	50	417.7	351.1	1.4	0.04	0.000*	---	6.06	14.295
23448	34351	68111	50	540.7	442.1	1.4	0.04	0.000*	---	7.4	26.045
23449	34355	68111	50	159.5	160	1.4	0.04	0.000*	---	2.97	0.494
23450	34370	68111	50	126	135.2	1.4	0.04	0.000*	---	2.54	0.179
23451	34371	68111	50	596.7	483.5	1.4	0.04	0.000*	---	7.98	31.564
23452	34372	68111	50	435.4	364.2	1.4	0.04	0.000*	---	6.25	15.894
23453	34373	68111	50	749.8	596.9	1.4	0.04	0.000*	---	9.51	45.766
23454	34374	68111	50	256.8	232	1.4	0.04	0.000*	---	4.18	3.18
23455	34376	68111	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
23456	34377	68111	50	219.3	204.3	1.4	0.04	0.000*	---	3.72	1.778
23457	34380	68111	50	204.4	193.3	1.4	0.04	0.000*	---	3.54	1.357
23458	34382	68111	50	91	109.4	1.4	0.04	0.000*	---	2.09	0.043
23459	34383	68111	50	411.4	346.4	1.4	0.04	0.000*	---	5.99	13.738
23460	34384	68111	50	236.6	217.1	1.4	0.04	0.000*	---	3.94	2.365
23461	34385	68111	50	428.6	359.1	1.4	0.04	0.000*	---	6.18	15.269
23462	34386	68111	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.595
23463	34387	68111	50	335.6	290.4	1.4	0.04	0.000*	---	5.12	7.707
23464	34389	68111	50	72.1	95.4	1.4	0.04	0.000*	---	1.84	0.016
23465	34391	68111	50	490.5	405	1.4	0.04	0.000*	---	6.86	21.11
23466	34392	68111	50	431	360.9	1.4	0.04	0.000*	---	6.2	15.487
23467	34393	68111	50	252	228.5	1.4	0.04	0.000*	---	4.12	2.975
23468	34395	68111	50	220.8	205.4	1.4	0.04	0.000*	---	3.74	1.825
23469	34396	68111	50	164.8	163.9	1.4	0.04	0.000*	---	3.04	0.566
23470	34400	68111	50	187.4	180.7	1.4	0.04	0.000*	---	3.33	0.961
23471	34401	68111	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.279
23472	34402	68111	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.401
23473	34403	68111	50	260.8	235	1.4	0.04	0.000*	---	4.23	3.36
23474	34404	68111	50	494	407.6	1.4	0.04	0.000*	---	6.9	21.451
23475	34406	68111	50	204	193	1.4	0.04	0.000*	---	3.53	1.345
23476	34407	68111	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.25
23477	34408	68111	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.5
23478	34409	68111	50	359.6	308.1	1.4	0.04	0.000*	---	5.4	9.468
23479	34410	68111	50	376.1	320.3	1.4	0.04	0.000*	---	5.59	10.764
23480	34414	68111	50	51.8	80.3	1.4	0.04	0.000*	---	1.56	0.004
23481	34416	68111	50	33.5	66.8	1.4	0.04	0.000*	---	1.32	0.001
23482	34421	68111	50	42	73.1	1.4	0.04	0.000*	---	1.43	0.002
23483	34422	68111	50	29.9	64.1	1.4	0.04	0.000*	---	1.27	0.001
23484	34423	68111	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.185

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23485	34424	68111	50	31	65	1.4	0.04	0.000*	---	1.28	0.001
23486	34425	68111	50	26.2	61.4	1.4	0.04	0.000*	---	1.21	0
23487	34426	68111	50	136	142.7	1.4	0.04	0.000*	---	2.67	0.25
23488	34428	68111	50	29.5	63.8	1.4	0.04	0.000*	---	1.26	0.001
23489	34429	68111	50	49.7	78.8	1.4	0.04	0.000*	---	1.53	0.003
23490	34430	68111	50	72.6	95.7	1.4	0.04	0.000*	---	1.84	0.016
23491	34432	68111	50	202.6	191.9	1.4	0.04	0.000*	---	3.52	1.309
23492	34433	68111	50	155.2	156.8	1.4	0.04	0.000*	---	2.92	0.44
23493	34434	68111	50	119.3	130.3	1.4	0.04	0.000*	---	2.46	0.141
23494	34443	68111	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.76
23495	34444	68111	50	586.2	475.8	1.4	0.04	0.000*	---	7.87	30.531
23496	34445	68111	50	286.9	254.3	1.4	0.04	0.000*	---	4.54	4.665
23497	34448	68111	50	434.8	363.7	1.4	0.04	0.000*	---	6.25	15.835
23498	34450	68111	50	139.7	145.4	1.4	0.04	0.000*	---	2.72	0.281
23499	34454	68111	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.615
23500	34456	68111	50	161	161.2	1.4	0.04	0.000*	---	2.99	0.514
23501	34460	68111	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.007
23502	34462	68111	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.964
23503	34468	68111	50	267.8	240.2	1.4	0.04	0.000*	---	4.32	3.689
23504	34470	68111	50	478.9	396.4	1.4	0.04	0.000*	---	6.73	19.986
23505	34471	68111	50	490.7	405.1	1.4	0.04	0.000*	---	6.86	21.126
23506	34472	68111	50	380.2	323.4	1.4	0.04	0.000*	---	5.63	11.096
23507	34474	68111	50	239.5	219.3	1.4	0.04	0.000*	---	3.97	2.474
23508	34476	68111	50	216.7	202.3	1.4	0.04	0.000*	---	3.69	1.698
23509	34478	68111	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.909
23510	34480	68111	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.319
23511	34481	68111	50	357.9	306.9	1.4	0.04	0.000*	---	5.38	9.336
23512	34484	68111	50	346.4	298.4	1.4	0.04	0.000*	---	5.24	8.48
23513	34485	68111	50	184	178.2	1.4	0.04	0.000*	---	3.28	0.892
23514	34487	68111	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
23515	34489	68111	50	297.6	262.2	1.4	0.04	0.000*	---	4.67	5.267
23516	34490	68111	50	188.1	181.2	1.4	0.04	0.000*	---	3.34	0.975
23517	34491	68111	50	365.5	312.5	1.4	0.04	0.000*	---	5.46	9.919
23518	34492	68111	50	256.6	231.9	1.4	0.04	0.000*	---	4.18	3.171
23519	34496	68111	50	409	344.7	1.4	0.04	0.000*	---	5.96	13.527
23520	34497	68111	50	512.5	421.2	1.4	0.04	0.000*	---	7.09	23.255
23521	34499	68111	50	279.2	248.6	1.4	0.04	0.000*	---	4.45	4.257
23522	34500	68111	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.481
23523	34502	68111	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.041
23524	34503	68111	50	72.2	95.4	1.4	0.04	0.000*	---	1.84	0.016
23525	34505	68111	50	153.3	155.4	1.4	0.04	0.000*	---	2.89	0.418
23526	34506	68111	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.329
23527	34507	68111	50	406.3	342.7	1.4	0.04	0.000*	---	5.93	13.294
23528	34509	68111	50	249.1	226.4	1.4	0.04	0.000*	---	4.09	2.854
23529	34512	68111	50	460.2	382.5	1.4	0.04	0.000*	---	6.53	18.201
23530	34518	68111	50	324.3	282	1.4	0.04	0.000*	---	4.99	6.936
23531	34521	68111	50	293.9	259.5	1.4	0.04	0.000*	---	4.63	5.054
23532	34522	68111	50	690.4	552.9	1.4	0.04	0.000*	---	8.93	40.484
23533	34523	68111	50	567.3	461.8	1.4	0.04	0.000*	---	7.68	28.672
23534	34527	68111	50	298	262.5	1.4	0.04	0.000*	---	4.68	5.292
23535	34535	68111	50	319.4	278.3	1.4	0.04	0.000*	---	4.93	6.609
23536	34538	68111	50	606.7	490.9	1.4	0.04	0.000*	---	8.08	32.54
23537	34539	68111	50	115.2	127.3	1.4	0.04	0.000*	---	2.4	0.121
23538	34545	68111	50	148.7	152	1.4	0.04	0.000*	---	2.84	0.367
23539	34547	68111	50	236.4	216.9	1.4	0.04	0.000*	---	3.93	2.357
23540	34550	68111	50	146.5	150.4	1.4	0.04	0.000*	---	2.81	0.344
23541	34553	68111	50	23.4	59.3	1.4	0.04	0.000*	---	1.18	0
23542	34555	68111	50	22.4	58.5	1.4	0.04	0.000*	---	1.16	0
23543	34558	68111	50	22.8	58.9	1.4	0.04	0.000*	---	1.17	0
23544	34560	68111	50	238.3	218.3	1.4	0.04	0.000*	---	3.96	2.427
23545	34562	68111	50	28.5	63.1	1.4	0.04	0.000*	---	1.25	0

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23546	34565	68111	50	24.3	60	1.4	0.04	0.000*	---	1.19	0
23547	34568	68111	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.743
23548	34570	68111	50	17.1	54.7	1.4	0.04	0.000*	---	1.09	0
23549	34572	68111	50	257.1	232.2	1.4	0.04	0.000*	---	4.19	3.193
23550	34573	68111	50	348.5	299.9	1.4	0.04	0.000*	---	5.27	8.634
23551	34574	68111	50	36.9	69.3	1.4	0.04	0.000*	---	1.36	0.001
23552	34575	68111	50	29.6	63.9	1.4	0.04	0.000*	---	1.26	0.001
23553	34580	68111	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
23554	34581	68111	50	292.2	258.2	1.4	0.04	0.000*	---	4.61	4.959
23555	34583	68111	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
23556	34586	68111	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.592
23557	34591	68111	50	408.1	344	1.4	0.04	0.000*	---	5.95	13.448
23558	34594	68111	50	385.1	327	1.4	0.04	0.000*	---	5.69	11.499
23559	34595	68111	50	1589	1217.8	1.4	0.04	0.000*	---	16.51	85.696
23560	34599	68111	50	356.6	305.9	1.4	0.04	0.000*	---	5.36	9.239
23561	34600	68111	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
23562	34605	68111	50	388.6	329.6	1.4	0.04	0.000*	---	5.73	11.786
23563	34606	68111	50	239.1	218.9	1.4	0.04	0.000*	---	3.97	2.458
23564	34609	68111	50	252.6	228.9	1.4	0.04	0.000*	---	4.13	2.999
23565	34612	68111	50	345.5	297.7	1.4	0.04	0.000*	---	5.23	8.413
23566	34615	68111	50	119.4	130.4	1.4	0.04	0.000*	---	2.46	0.142
23567	34616	68111	50	163.9	163.3	1.4	0.04	0.000*	---	3.03	0.554
23568	34621	68111	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.281
23569	34624	68111	50	119.8	130.7	1.4	0.04	0.000*	---	2.46	0.144
23570	34626	68111	50	270.5	242.1	1.4	0.04	0.000*	---	4.35	3.816
23571	34627	68111	50	503.5	414.6	1.4	0.04	0.000*	---	7	22.376
23572	34628	68111	50	351.3	302	1.4	0.04	0.000*	---	5.3	8.839
23573	34629	68111	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
23574	34635	68111	50	295.6	260.7	1.4	0.04	0.000*	---	4.65	5.15
23575	34639	68111	50	259.1	233.7	1.4	0.04	0.000*	---	4.21	3.284
23576	34648	68111	50	36.7	69.1	1.4	0.04	0.000*	---	1.36	0.001
23577	34651	68111	50	195.7	186.9	1.4	0.04	0.000*	---	3.43	1.143
23578	34654	68111	50	596.9	483.7	1.4	0.04	0.000*	---	7.98	31.581
23579	34663	68111	50	219.8	204.6	1.4	0.04	0.000*	---	3.73	1.793
23580	34665	68111	50	42.5	73.5	1.4	0.04	0.000*	---	1.44	0.002
23581	34668	68111	50	193.2	184.9	1.4	0.04	0.000*	---	3.4	1.084
23582	34669	68111	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
23583	34670	68111	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.172
23584	34672	68111	50	26.4	61.6	1.4	0.04	0.000*	---	1.22	0
23585	34675	68111	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.079
23586	34676	68111	50	131	138.9	1.4	0.04	0.000*	---	2.61	0.212
23587	34679	68111	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.838
23588	34684	68111	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
23589	34685	68111	50	75.1	97.6	1.4	0.04	0.000*	---	1.88	0.018
23590	34686	68111	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.213
23591	34689	68111	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.103
23592	34690	68111	50	28.6	63.2	1.4	0.04	0.000*	---	1.25	0
23593	34691	68111	50	40.2	71.8	1.4	0.04	0.000*	---	1.41	0.001
23594	34693	68111	50	39	70.8	1.4	0.04	0.000*	---	1.39	0.001
23595	34699	68111	50	406.2	342.6	1.4	0.04	0.000*	---	5.93	13.283
23596	34701	68111	50	309.7	271.2	1.4	0.04	0.000*	---	4.81	5.994
23597	34703	68111	50	296.1	261.1	1.4	0.04	0.000*	---	4.65	5.18
23598	34706	68111	50	377.8	321.6	1.4	0.04	0.000*	---	5.6	10.898
23599	34707	68111	50	157.5	158.5	1.4	0.04	0.000*	---	2.95	0.468
23600	34709	68111	50	83.4	103.7	1.4	0.04	0.000*	---	1.99	0.029
23601	34711	68111	50	556.5	453.8	1.4	0.04	0.000*	---	7.56	27.605
23602	34713	68111	50	237.5	217.8	1.4	0.04	0.000*	---	3.95	2.398
23603	34729	68111	50	284.7	252.7	1.4	0.04	0.000*	---	4.52	4.546
23604	34735	68111	50	23.7	59.5	1.4	0.04	0.000*	---	1.18	0
23605	34743	68111	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.955
23606	34747	68111	50	265.7	238.6	1.4	0.04	0.000*	---	4.29	3.589

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23607	34748	68111	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.15
23608	34749	68111	50	29.7	64	1.4	0.04	0.000*	---	1.26	0.001
23609	34751	68111	50	209.7	197.2	1.4	0.04	0.000*	---	3.6	1.497
23610	34755	68111	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
23611	34758	68111	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.907
23612	34759	68111	50	239.3	219.1	1.4	0.04	0.000*	---	3.97	2.464
23613	34766	68111	50	293.1	258.9	1.4	0.04	0.000*	---	4.62	5.008
23614	34767	68111	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.11
23615	34771	68111	50	231	213	1.4	0.04	0.000*	---	3.87	2.165
23616	34777	68111	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.423
23617	34778	68111	50	198.6	189	1.4	0.04	0.000*	---	3.47	1.211
23618	34780	68111	50	677.4	543.2	1.4	0.04	0.000*	---	8.8	39.279
23619	34781	68111	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308
23620	34784	68111	50	228.8	211.3	1.4	0.04	0.000*	---	3.84	2.088
23621	34790	68111	50	594.2	481.7	1.4	0.04	0.000*	---	7.95	31.317
23622	34792	68111	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
23623	34794	68111	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.241
23624	34797	68111	50	41	72.3	1.4	0.04	0.000*	---	1.42	0.002
23625	34799	68111	50	518.3	425.5	1.4	0.04	0.000*	---	7.16	23.827
23626	34801	68111	50	76.9	98.9	1.4	0.04	0.000*	---	1.9	0.021
23627	34805	68111	50	82.6	103.1	1.4	0.04	0.000*	---	1.97	0.028
23628	34812	68111	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.559
23629	34814	68111	50	159.7	160.2	1.4	0.04	0.000*	---	2.98	0.497
23630	34817	68111	50	157.6	158.6	1.4	0.04	0.000*	---	2.95	0.469
23631	34820	68111	50	259.7	234.1	1.4	0.04	0.000*	---	4.22	3.309
23632	34822	68111	50	201.8	191.3	1.4	0.04	0.000*	---	3.51	1.289
23633	34826	68111	50	636	512.7	1.4	0.04	0.000*	---	8.38	35.377
23634	34827	68111	50	416	349.8	1.4	0.04	0.000*	---	6.04	14.141
23635	34829	68111	50	189.8	182.4	1.4	0.04	0.000*	---	3.36	1.01
23636	34830	68111	50	370.5	316.2	1.4	0.04	0.000*	---	5.52	10.318
23637	34833	68111	50	320.4	279.1	1.4	0.04	0.000*	---	4.94	6.676
23638	34835	68111	50	84.6	104.6	1.4	0.04	0.000*	---	2	0.031
23639	34836	68111	50	175.1	171.6	1.4	0.04	0.000*	---	3.17	0.729
23640	34844	68111	50	384.5	326.6	1.4	0.04	0.000*	---	5.68	11.45
23641	34852	68111	50	322.8	280.9	1.4	0.04	0.000*	---	4.97	6.834
23642	34853	68111	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.076
23643	34856	68111	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.389
23644	34862	68111	50	141.4	146.6	1.4	0.04	0.000*	---	2.74	0.296
23645	34863	68111	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.288
23646	34864	68111	50	281.1	250	1.4	0.04	0.000*	---	4.47	4.354
23647	34867	68111	50	301.6	265.2	1.4	0.04	0.000*	---	4.72	5.502
23648	34868	68111	50	312.6	273.4	1.4	0.04	0.000*	---	4.85	6.178
23649	34869	68111	50	28.9	63.4	1.4	0.04	0.000*	---	1.25	0
23650	34872	68111	50	31.8	65.5	1.4	0.04	0.000*	---	1.29	0.001
23651	34874	68111	50	39.2	71	1.4	0.04	0.000*	---	1.39	0.001
23652	34876	68111	50	34.2	67.3	1.4	0.04	0.000*	---	1.32	0.001
23653	34881	68111	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.198
23654	34884	68111	50	26	61.3	1.4	0.04	0.000*	---	1.21	0
23655	34887	68111	50	195.7	186.9	1.4	0.04	0.000*	---	3.43	1.143
23656	34888	68111	50	387.4	328.7	1.4	0.04	0.000*	---	5.71	11.689
23657	34889	68111	50	29.7	64	1.4	0.04	0.000*	---	1.26	0.001
23658	34892	68111	50	27.2	62.1	1.4	0.04	0.000*	---	1.23	0
23659	34896	68111	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.16
23660	34897	68111	50	22.3	58.5	1.4	0.04	0.000*	---	1.16	0
23661	34898	68111	50	33.4	66.7	1.4	0.04	0.000*	---	1.31	0.001
23662	34904	68111	50	595.7	482.8	1.4	0.04	0.000*	---	7.97	31.47
23663	34908	68111	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.591
23664	34911	68111	50	217.1	202.6	1.4	0.04	0.000*	---	3.7	1.711
23665	34916	68111	50	512.7	421.4	1.4	0.04	0.000*	---	7.1	23.277
23666	34917	68111	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.815
23667	34918	68111	50	277.6	247.4	1.4	0.04	0.000*	---	4.43	4.174

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23668	34920	68111	50	297.1	261.9	1.4	0.04	0.000*	---	4.67	5.241
23669	34921	68111	50	411.4	346.4	1.4	0.04	0.000*	---	5.98	13.736
23670	34922	68111	50	318.4	277.6	1.4	0.04	0.000*	---	4.92	6.544
23671	34923	68111	50	137.6	143.9	1.4	0.04	0.000*	---	2.69	0.263
23672	34925	68111	50	358.9	307.6	1.4	0.04	0.000*	---	5.39	9.412
23673	34926	68111	50	79.9	101.1	1.4	0.04	0.000*	---	1.94	0.024
23674	34928	68111	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481
23675	34930	68111	50	344	296.5	1.4	0.04	0.000*	---	5.22	8.302
23676	34931	68111	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
23677	34934	68111	50	256	231.4	1.4	0.04	0.000*	---	4.17	3.147
23678	34935	68111	50	420	352.8	1.4	0.04	0.000*	---	6.08	14.495
23679	34936	68111	50	260.2	234.5	1.4	0.04	0.000*	---	4.22	3.332
23680	34938	68111	50	279	248.4	1.4	0.04	0.000*	---	4.45	4.243
23681	34940	68111	50	177.5	173.4	1.4	0.04	0.000*	---	3.2	0.77
23682	34941	68111	50	297.5	262.1	1.4	0.04	0.000*	---	4.67	5.262
23683	34942	68111	50	265.4	238.4	1.4	0.04	0.000*	---	4.29	3.574
23684	34943	68111	50	203.2	192.4	1.4	0.04	0.000*	---	3.52	1.324
23685	34944	68111	50	402.6	339.9	1.4	0.04	0.000*	---	5.89	12.974
23686	34945	68111	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
23687	34946	68111	50	130.8	138.8	1.4	0.04	0.000*	---	2.61	0.211
23688	34948	68111	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.975
23689	34950	68111	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.601
23690	34953	68111	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.545
23691	34954	68111	50	345.1	297.4	1.4	0.04	0.000*	---	5.23	8.384
23692	34957	68111	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.568
23693	34958	68111	50	208.1	196	1.4	0.04	0.000*	---	3.59	1.454
23694	34959	68111	50	223.1	207.1	1.4	0.04	0.000*	---	3.77	1.898
23695	34960	68111	50	396.9	335.7	1.4	0.04	0.000*	---	5.82	12.486
23696	34962	68111	50	276.8	246.9	1.4	0.04	0.000*	---	4.42	4.134
23697	34963	68111	50	313.1	273.7	1.4	0.04	0.000*	---	4.85	6.209
23698	34964	68111	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
23699	34966	68111	50	338.8	292.7	1.4	0.04	0.000*	---	5.16	7.933
23700	34968	68111	50	360.1	308.5	1.4	0.04	0.000*	---	5.4	9.507
23701	34971	68111	50	301.9	265.4	1.4	0.04	0.000*	---	4.72	5.521
23702	34974	68111	50	518.2	425.5	1.4	0.04	0.000*	---	7.16	23.818
23703	34977	68111	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.043
23704	34979	68111	50	228.7	211.3	1.4	0.04	0.000*	---	3.84	2.085
23705	34981	68111	50	184.1	178.2	1.4	0.04	0.000*	---	3.29	0.894
23706	34985	68111	50	318.8	277.9	1.4	0.04	0.000*	---	4.92	6.574
23707	34990	68111	50	180.2	175.4	1.4	0.04	0.000*	---	3.24	0.82
23708	34992	68111	50	86.2	105.8	1.4	0.04	0.000*	---	2.02	0.034
23709	34993	68111	50	370.6	316.2	1.4	0.04	0.000*	---	5.52	10.32
23710	34995	68111	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
23711	34996	68111	50	310.6	271.9	1.4	0.04	0.000*	---	4.83	6.051
23712	34999	68111	50	490.9	405.2	1.4	0.04	0.000*	---	6.86	21.142
23713	35002	68111	50	319.9	278.8	1.4	0.04	0.000*	---	4.93	6.646
23714	35003	68111	50	373.6	318.5	1.4	0.04	0.000*	---	5.56	10.564
23715	35005	68111	50	585.6	475.4	1.4	0.04	0.000*	---	7.87	30.48
23716	35006	68111	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.372
23717	35011	68111	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.698
23718	35014	68111	50	425.1	356.6	1.4	0.04	0.000*	---	6.14	14.957
23719	35023	68111	50	353.5	303.6	1.4	0.04	0.000*	---	5.33	9.003
23720	35024	68111	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.614
23721	35026	68111	50	305	267.7	1.4	0.04	0.000*	---	4.76	5.704
23722	35029	68111	50	161.7	161.6	1.4	0.04	0.000*	---	3	0.523
23723	35032	68111	50	249.1	226.3	1.4	0.04	0.000*	---	4.09	2.852
23724	35034	68111	50	337.5	291.7	1.4	0.04	0.000*	---	5.14	7.838
23725	35035	68111	50	203.2	192.4	1.4	0.04	0.000*	---	3.52	1.324
23726	35039	68111	50	265.6	238.5	1.4	0.04	0.000*	---	4.29	3.581
23727	35041	68111	50	204	193	1.4	0.04	0.000*	---	3.53	1.345
23728	35042	68111	50	105.7	120.2	1.4	0.04	0.000*	---	2.28	0.083

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23729	35043	68111	50	139.7	145.4	1.4	0.04	0.000*	---	2.72	0.281
23730	35050	68111	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
23731	35054	68111	50	304.5	267.3	1.4	0.04	0.000*	---	4.75	5.677
23732	35055	68111	50	139	144.8	1.4	0.04	0.000*	---	2.71	0.274
23733	35056	68111	50	288	255.2	1.4	0.04	0.000*	---	4.56	4.728
23734	35059	68111	50	299	263.3	1.4	0.04	0.000*	---	4.69	5.352
23735	35061	68111	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.892
23736	35066	68111	50	167.5	165.9	1.4	0.04	0.000*	---	3.08	0.606
23737	35072	68111	50	165.9	164.8	1.4	0.04	0.000*	---	3.06	0.582
23738	35073	68111	50	367.5	314	1.4	0.04	0.000*	---	5.49	10.078
23739	35076	68111	50	297.1	261.9	1.4	0.04	0.000*	---	4.67	5.239
23740	35077	68111	50	376.5	320.6	1.4	0.04	0.000*	---	5.59	10.791
23741	35079	68111	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
23742	35082	68111	50	208	195.9	1.4	0.04	0.000*	---	3.58	1.45
23743	35083	68111	50	61.3	87.3	1.4	0.04	0.000*	---	1.69	0.008
23744	35089	68111	50	329.5	285.8	1.4	0.04	0.000*	---	5.05	7.283
23745	35094	68111	50	175.3	171.7	1.4	0.04	0.000*	---	3.17	0.731
23746	35095	68111	50	267	239.6	1.4	0.04	0.000*	---	4.3	3.647
23747	35097	68111	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.018
23748	35099	68111	50	217.5	203	1.4	0.04	0.000*	---	3.7	1.725
23749	35101	68111	50	232.4	214	1.4	0.04	0.000*	---	3.89	2.214
23750	35104	68111	50	278	247.7	1.4	0.04	0.000*	---	4.44	4.192
23751	35106	68111	50	253.3	229.5	1.4	0.04	0.000*	---	4.14	3.031
23752	35107	68111	50	289	255.8	1.4	0.04	0.000*	---	4.57	4.779
23753	35108	68111	50	119.8	130.7	1.4	0.04	0.000*	---	2.46	0.144
23754	35109	68111	50	287.1	254.5	1.4	0.04	0.000*	---	4.55	4.676
23755	35112	68111	50	886.1	697.7	1.4	0.04	0.000*	---	10.8	56.48
23756	35115	68111	50	289	255.9	1.4	0.04	0.000*	---	4.57	4.78
23757	35117	68111	50	560.3	456.7	1.4	0.04	0.000*	---	7.6	27.984
23758	35118	68111	50	59.2	85.8	1.4	0.04	0.000*	---	1.66	0.007
23759	35119	68111	50	301.8	265.4	1.4	0.04	0.000*	---	4.72	5.517
23760	35121	68111	50	209.7	197.2	1.4	0.04	0.000*	---	3.6	1.497
23761	35123	68111	50	244	222.5	1.4	0.04	0.000*	---	4.03	2.646
23762	35124	68111	50	289.8	256.5	1.4	0.04	0.000*	---	4.58	4.824
23763	35125	68111	50	238.7	218.6	1.4	0.04	0.000*	---	3.96	2.443
23764	35128	68111	50	244.4	222.9	1.4	0.04	0.000*	---	4.03	2.665
23765	35130	68111	50	921.2	723.7	1.4	0.04	0.000*	---	11.12	58.913
23766	35133	68111	50	508.5	418.3	1.4	0.04	0.000*	---	7.05	22.863
23767	35136	68111	50	153.5	155.6	1.4	0.04	0.000*	---	2.9	0.42
23768	35137	68111	50	615.4	497.4	1.4	0.04	0.000*	---	8.17	33.389
23769	35138	68111	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.877
23770	35141	68111	50	204.1	193.1	1.4	0.04	0.000*	---	3.54	1.349
23771	35142	68111	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.722
23772	35144	68111	50	163	162.6	1.4	0.04	0.000*	---	3.02	0.541
23773	35145	68111	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
23774	35146	68111	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.616
23775	35149	68111	50	411.5	346.5	1.4	0.04	0.000*	---	5.99	13.747
23776	35151	68111	50	227	210	1.4	0.04	0.000*	---	3.82	2.027
23777	35152	68111	50	332	287.6	1.4	0.04	0.000*	---	5.08	7.452
23778	35154	68111	50	451.6	376.2	1.4	0.04	0.000*	---	6.43	17.394
23779	35155	68111	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.561
23780	35156	68111	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.225
23781	35161	68111	50	254.1	230	1.4	0.04	0.000*	---	4.15	3.064
23782	35162	68111	50	396.9	335.7	1.4	0.04	0.000*	---	5.82	12.486
23783	35163	68111	50	293.6	259.3	1.4	0.04	0.000*	---	4.62	5.04
23784	35164	68111	50	416.7	350.4	1.4	0.04	0.000*	---	6.04	14.204
23785	35165	68111	50	472.6	391.7	1.4	0.04	0.000*	---	6.66	19.382
23786	35167	68111	50	100.5	116.3	1.4	0.04	0.000*	---	2.21	0.066
23787	35173	68111	50	3698.2	2778.7	1.4	0.04	0.000*	---	28.5	98.708
23788	35175	68111	50	254.4	230.3	1.4	0.04	0.000*	---	4.15	3.079
23789	35179	68111	50	118.2	129.5	1.4	0.04	0.000*	---	2.44	0.136

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23790	35181	68111	50	181.2	176.1	1.4	0.04	0.000*	---	3.25	0.838
23791	35186	68111	50	261.4	235.4	1.4	0.04	0.000*	---	4.24	3.388
23792	35189	68111	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
23793	35193	68111	50	322.9	281	1.4	0.04	0.000*	---	4.97	6.844
23794	35195	68111	50	255.9	231.4	1.4	0.04	0.000*	---	4.17	3.141
23795	35201	68111	50	322.8	280.9	1.4	0.04	0.000*	---	4.97	6.833
23796	35206	68111	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
23797	35214	68111	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
23798	35217	68111	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.34
23799	35218	68111	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
23800	35222	68111	50	217	202.6	1.4	0.04	0.000*	---	3.69	1.707
23801	35223	68111	50	111.5	124.5	1.4	0.04	0.000*	---	2.36	0.105
23802	35225	68111	50	156	157.4	1.4	0.04	0.000*	---	2.93	0.45
23803	35227	68111	50	369.2	315.2	1.4	0.04	0.000*	---	5.51	10.209
23804	35229	68111	50	298.8	263.1	1.4	0.04	0.000*	---	4.69	5.337
23805	35231	68111	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
23806	35232	68111	50	228.7	211.2	1.4	0.04	0.000*	---	3.84	2.085
23807	35233	68111	50	87.5	106.7	1.4	0.04	0.000*	---	2.04	0.036
23808	35236	68111	50	284	252.1	1.4	0.04	0.000*	---	4.51	4.506
23809	35240	68111	50	231.6	213.4	1.4	0.04	0.000*	---	3.87	2.183
23810	35242	68111	50	319	278.1	1.4	0.04	0.000*	---	4.92	6.587
23811	35247	68111	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.58
23812	35251	68111	50	289	255.8	1.4	0.04	0.000*	---	4.57	4.778
23813	35252	68111	50	488.8	403.7	1.4	0.04	0.000*	---	6.84	20.94
23814	35262	68111	50	225.3	208.7	1.4	0.04	0.000*	---	3.8	1.97
23815	35263	68111	50	49.4	78.6	1.4	0.04	0.000*	---	1.53	0.003
23816	35266	68111	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.67
23817	35268	68111	50	270.8	242.4	1.4	0.04	0.000*	---	4.35	3.834
23818	35269	68111	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.07
23819	35270	68111	50	319.4	278.4	1.4	0.04	0.000*	---	4.93	6.611
23820	35271	68111	50	186.9	180.3	1.4	0.04	0.000*	---	3.32	0.949
23821	35272	68111	50	78.7	100.3	1.4	0.04	0.000*	---	1.92	0.023
23822	35273	68111	50	564.8	459.9	1.4	0.04	0.000*	---	7.65	28.421
23823	35275	68111	50	265	238.1	1.4	0.04	0.000*	---	4.28	3.552
23824	35277	68111	50	351.3	302	1.4	0.04	0.000*	---	5.3	8.842
23825	35279	68111	50	394.8	334.1	1.4	0.04	0.000*	---	5.8	12.306
23826	35281	68111	50	192.8	184.7	1.4	0.04	0.000*	---	3.39	1.076
23827	35284	68111	50	309.3	270.9	1.4	0.04	0.000*	---	4.81	5.968
23828	35285	68111	50	397.6	336.2	1.4	0.04	0.000*	---	5.83	12.544
23829	35287	68111	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.394
23830	35288	68111	50	312	272.9	1.4	0.04	0.000*	---	4.84	6.136
23831	35290	68111	50	414	348.3	1.4	0.04	0.000*	---	6.01	13.962
23832	35291	68111	50	362.4	310.2	1.4	0.04	0.000*	---	5.43	9.684
23833	35293	68111	50	107.1	121.2	1.4	0.04	0.000*	---	2.3	0.088
23834	35294	68111	50	231.1	213	1.4	0.04	0.000*	---	3.87	2.167
23835	35295	68111	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
23836	35296	68111	50	396.2	335.2	1.4	0.04	0.000*	---	5.81	12.423
23837	35301	68111	50	383.9	326.1	1.4	0.04	0.000*	---	5.67	11.398
23838	35305	68111	50	308.2	270.1	1.4	0.04	0.000*	---	4.8	5.904
23839	35306	68111	50	332.7	288.2	1.4	0.04	0.000*	---	5.08	7.506
23840	35309	68111	50	280.9	249.9	1.4	0.04	0.000*	---	4.47	4.347
23841	35310	68111	50	314	274.4	1.4	0.04	0.000*	---	4.87	6.266
23842	35311	68111	50	254.4	230.2	1.4	0.04	0.000*	---	4.15	3.076
23843	35314	68111	50	209.4	196.9	1.4	0.04	0.000*	---	3.6	1.489
23844	35316	68111	50	586.8	476.3	1.4	0.04	0.000*	---	7.88	30.597
23845	35317	68111	50	201.8	191.4	1.4	0.04	0.000*	---	3.51	1.29
23846	35322	68111	50	261.6	235.6	1.4	0.04	0.000*	---	4.24	3.396
23847	35324	68111	50	167.4	165.9	1.4	0.04	0.000*	---	3.07	0.605
23848	35328	68111	50	180.8	175.8	1.4	0.04	0.000*	---	3.24	0.83
23849	35329	68111	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
23850	35332	68111	50	214.8	200.9	1.4	0.04	0.000*	---	3.67	1.642

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23851	35334	68111	50	187.1	180.4	1.4	0.04	0.000*	---	3.32	0.953
23852	35345	68111	50	400.1	338.1	1.4	0.04	0.000*	---	5.86	12.759
23853	35350	68111	50	131.7	139.4	1.4	0.04	0.000*	---	2.62	0.217
23854	35352	68111	50	214.8	201	1.4	0.04	0.000*	---	3.67	1.644
23855	35354	68111	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
23856	35355	68111	50	174.3	170.9	1.4	0.04	0.000*	---	3.16	0.714
23857	35359	68111	50	249.1	226.3	1.4	0.04	0.000*	---	4.09	2.854
23858	35360	68111	50	350.3	301.3	1.4	0.04	0.000*	---	5.29	8.768
23859	35367	68111	50	246.9	224.7	1.4	0.04	0.000*	---	4.06	2.765
23860	35369	68111	50	342.6	295.5	1.4	0.04	0.000*	---	5.2	8.2
23861	35373	68111	50	184.1	178.3	1.4	0.04	0.000*	---	3.29	0.895
23862	35375	68111	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
23863	35376	68111	50	239.2	219	1.4	0.04	0.000*	---	3.97	2.463
23864	35378	68111	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
23865	35382	68111	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
23866	35385	68111	50	315.3	275.3	1.4	0.04	0.000*	---	4.88	6.345
23867	35387	68111	50	112.1	125	1.4	0.04	0.000*	---	2.36	0.107
23868	35393	68111	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
23869	35394	68111	50	92.5	110.4	1.4	0.04	0.000*	---	2.11	0.046
23870	35398	68111	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
23871	35399	68111	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.75
23872	35401	68111	50	251.6	228.2	1.4	0.04	0.000*	---	4.12	2.957
23873	35404	68111	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.033
23874	35406	68111	50	251	227.8	1.4	0.04	0.000*	---	4.11	2.934
23875	35407	68111	50	504.3	415.2	1.4	0.04	0.000*	---	7.01	22.452
23876	35409	68111	50	294.4	259.9	1.4	0.04	0.000*	---	4.63	5.083
23877	35411	68111	50	306.3	268.7	1.4	0.04	0.000*	---	4.77	5.788
23878	35412	68111	50	129.4	137.8	1.4	0.04	0.000*	---	2.59	0.201
23879	35414	68111	50	182.7	177.2	1.4	0.04	0.000*	---	3.27	0.867
23880	35415	68111	50	124.1	133.9	1.4	0.04	0.000*	---	2.52	0.168
23881	35417	68111	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
23882	35418	68111	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.51
23883	35425	68111	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.606
23884	35427	68111	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
23885	35428	68111	50	295.9	261	1.4	0.04	0.000*	---	4.65	5.17
23886	35429	68111	50	298.7	263	1.4	0.04	0.000*	---	4.68	5.332
23887	35430	68111	50	284	252.2	1.4	0.04	0.000*	---	4.51	4.51
23888	35435	68111	50	226	209.2	1.4	0.04	0.000*	---	3.81	1.993
23889	35437	68111	50	122.2	132.5	1.4	0.04	0.000*	---	2.5	0.157
23890	35442	68111	50	267.6	240.1	1.4	0.04	0.000*	---	4.31	3.68
23891	35444	68111	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.997
23892	35448	68111	50	428	358.7	1.4	0.04	0.000*	---	6.17	15.216
23893	35451	68111	50	239.5	219.2	1.4	0.04	0.000*	---	3.97	2.472
23894	35453	68111	50	419.6	352.5	1.4	0.04	0.000*	---	6.08	14.465
23895	35456	68111	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.279
23896	35458	68111	50	235.2	216	1.4	0.04	0.000*	---	3.92	2.313
23897	35460	68111	50	279.9	249.1	1.4	0.04	0.000*	---	4.46	4.291
23898	35462	68111	50	199.3	189.5	1.4	0.04	0.000*	---	3.48	1.227
23899	35466	68111	50	247.9	225.4	1.4	0.04	0.000*	---	4.07	2.804
23900	35468	68111	50	239.4	219.1	1.4	0.04	0.000*	---	3.97	2.468
23901	35469	68111	50	302.1	265.6	1.4	0.04	0.000*	---	4.73	5.535
23902	35470	68111	50	325.7	283	1.4	0.04	0.000*	---	5	7.029
23903	35473	68111	50	340.8	294.2	1.4	0.04	0.000*	---	5.18	8.076
23904	35474	68111	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.986
23905	35475	68111	50	226.8	209.9	1.4	0.04	0.000*	---	3.82	2.021
23906	35483	68111	50	241.9	221	1.4	0.04	0.000*	---	4	2.564
23907	35488	68111	50	207.4	195.5	1.4	0.04	0.000*	---	3.58	1.436
23908	35492	68111	50	655.4	527	1.4	0.04	0.000*	---	8.58	37.221
23909	35495	68111	50	114.9	127.1	1.4	0.04	0.000*	---	2.4	0.12
23910	35498	68111	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.447
23911	35499	68111	50	262.4	236.1	1.4	0.04	0.000*	---	4.25	3.431

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23912	35503	68111	50	200.6	190.4	1.4	0.04	0.000*	---	3.49	1.258
23913	35506	68111	50	374.4	319	1.4	0.04	0.000*	---	5.57	10.622
23914	35507	68111	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.234
23915	35509	68111	50	256.6	231.9	1.4	0.04	0.000*	---	4.18	3.175
23916	35511	68111	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
23917	35513	68111	50	174	170.7	1.4	0.04	0.000*	---	3.16	0.709
23918	35517	68111	50	342	295.1	1.4	0.04	0.000*	---	5.19	8.158
23919	35518	68111	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.198
23920	35519	68111	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.514
23921	35521	68111	50	154.3	156.2	1.4	0.04	0.000*	---	2.91	0.43
23922	35529	68111	50	133.3	140.6	1.4	0.04	0.000*	---	2.64	0.229
23923	35534	68111	50	255.3	230.9	1.4	0.04	0.000*	---	4.16	3.115
23924	35535	68111	50	185.4	179.2	1.4	0.04	0.000*	---	3.3	0.92
23925	35536	68111	50	193.1	184.9	1.4	0.04	0.000*	---	3.4	1.084
23926	35537	68111	50	244	222.6	1.4	0.04	0.000*	---	4.03	2.647
23927	35538	68111	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.197
23928	35540	68111	50	217.4	202.9	1.4	0.04	0.000*	---	3.7	1.722
23929	35545	68111	50	141.2	146.5	1.4	0.04	0.000*	---	2.74	0.294
23930	35548	68111	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.425
23931	35550	68111	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.632
23932	35553	68111	50	221.6	206	1.4	0.04	0.000*	---	3.75	1.851
23933	35556	68111	50	123.3	133.2	1.4	0.04	0.000*	---	2.51	0.163
23934	35560	68111	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.196
23935	35561	68111	50	224.7	208.3	1.4	0.04	0.000*	---	3.79	1.95
23936	35563	68111	50	233.1	214.5	1.4	0.04	0.000*	---	3.89	2.239
23937	35564	68111	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
23938	35565	68111	50	351.7	302.3	1.4	0.04	0.000*	---	5.3	8.869
23939	35567	68111	50	562	457.9	1.4	0.04	0.000*	---	7.62	28.146
23940	35571	68111	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.322
23941	35572	68111	50	623.3	503.3	1.4	0.04	0.000*	---	8.25	34.154
23942	35574	68111	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.97
23943	35575	68111	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
23944	35576	68111	50	212.8	199.5	1.4	0.04	0.000*	---	3.64	1.586
23945	35579	68111	50	230.9	212.9	1.4	0.04	0.000*	---	3.87	2.162
23946	35580	68111	50	48	77.5	1.4	0.04	0.000*	---	1.51	0.003
23947	35581	68111	50	260.7	234.9	1.4	0.04	0.000*	---	4.23	3.356
23948	35584	68111	50	111.2	124.3	1.4	0.04	0.000*	---	2.35	0.104
23949	35585	68111	50	421	353.6	1.4	0.04	0.000*	---	6.09	14.59
23950	35587	68111	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.398
23951	35588	68111	50	207.2	195.4	1.4	0.04	0.000*	---	3.57	1.43
23952	35590	68111	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
23953	35594	68111	50	265.9	238.8	1.4	0.04	0.000*	---	4.29	3.597
23954	35596	68111	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.819
23955	35599	68111	50	196	187.1	1.4	0.04	0.000*	---	3.44	1.15
23956	35600	68111	50	62.8	88.5	1.4	0.04	0.000*	---	1.71	0.009
23957	35601	68111	50	216.7	202.4	1.4	0.04	0.000*	---	3.69	1.701
23958	35602	68111	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
23959	35604	68111	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.992
23960	35605	68111	50	361.6	309.6	1.4	0.04	0.000*	---	5.42	9.621
23961	35608	68111	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
23962	35610	68111	50	94.7	112.1	1.4	0.04	0.000*	---	2.13	0.051
23963	35612	68111	50	105.8	120.3	1.4	0.04	0.000*	---	2.28	0.083
23964	35613	68111	50	70.5	94.2	1.4	0.04	0.000*	---	1.81	0.014
23965	35614	68111	50	94.7	112.1	1.4	0.04	0.000*	---	2.13	0.051
23966	35615	68111	50	186	179.6	1.4	0.04	0.000*	---	3.31	0.931
23967	35619	68111	50	175.1	171.6	1.4	0.04	0.000*	---	3.17	0.728
23968	35620	68111	50	85.4	105.2	1.4	0.04	0.000*	---	2.01	0.032
23969	35623	68111	50	152.5	154.9	1.4	0.04	0.000*	---	2.89	0.409
23970	35624	68111	50	100	116	1.4	0.04	0.000*	---	2.21	0.065
23971	35626	68111	50	166.6	165.3	1.4	0.04	0.000*	---	3.06	0.593
23972	35630	68111	50	215.5	201.4	1.4	0.04	0.000*	---	3.68	1.663

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
23973	35651	68111	50	330.7	286.8	1.4	0.04	0.000*	---	5.06	7.369
23974	35652	68111	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.02
23975	35660	68111	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
23976	35666	68111	50	185.5	179.3	1.4	0.04	0.000*	---	3.3	0.921
23977	35672	68111	50	254.9	230.6	1.4	0.04	0.000*	---	4.16	3.097
23978	35675	68111	50	428.7	359.2	1.4	0.04	0.000*	---	6.18	15.277
23979	35684	68111	50	246.9	224.7	1.4	0.04	0.000*	---	4.06	2.763
23980	35685	68111	50	256.5	231.8	1.4	0.04	0.000*	---	4.18	3.167
23981	35691	68111	50	423.1	355.1	1.4	0.04	0.000*	---	6.12	14.78
23982	35692	68111	50	130.1	138.3	1.4	0.04	0.000*	---	2.6	0.206
23983	35698	68111	50	328.8	285.3	1.4	0.04	0.000*	---	5.04	7.237
23984	35700	68111	50	85.1	105	1.4	0.04	0.000*	---	2.01	0.032
23985	35704	68111	50	509.4	419	1.4	0.04	0.000*	---	7.06	22.955
23986	35709	68111	50	330.3	286.4	1.4	0.04	0.000*	---	5.06	7.341
23987	35711	68111	50	550.1	449.1	1.4	0.04	0.000*	---	7.49	26.973
23988	35715	68111	50	481.4	398.2	1.4	0.04	0.000*	---	6.76	20.222
23989	35717	68111	50	78.1	99.8	1.4	0.04	0.000*	---	1.92	0.022
23990	35718	68111	50	48	77.5	1.4	0.04	0.000*	---	1.51	0.003
23991	35722	68111	50	140.9	146.2	1.4	0.04	0.000*	---	2.74	0.291
23992	35723	68111	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
23993	35729	68111	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.231
23994	35730	68111	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
23995	35735	68111	50	118.2	129.5	1.4	0.04	0.000*	---	2.44	0.135
23996	35736	68111	50	94	111.6	1.4	0.04	0.000*	---	2.13	0.049
23997	35740	68111	50	84.5	104.5	1.4	0.04	0.000*	---	2	0.031
23998	35743	68111	50	181.8	176.5	1.4	0.04	0.000*	---	3.26	0.849
23999	35752	68111	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
24000	35755	68111	50	343	295.8	1.4	0.04	0.000*	---	5.2	8.232
24001	35758	68111	50	332.5	288	1.4	0.04	0.000*	---	5.08	7.488
24002	35761	68111	50	71.4	94.9	1.4	0.04	0.000*	---	1.83	0.015
24003	35768	68111	50	237	217.4	1.4	0.04	0.000*	---	3.94	2.38
24004	35773	68111	50	270.9	242.4	1.4	0.04	0.000*	---	4.35	3.836
24005	35775	68111	50	157.1	158.3	1.4	0.04	0.000*	---	2.94	0.464
24006	35776	68111	50	162.2	162	1.4	0.04	0.000*	---	3.01	0.53
24007	35778	68111	50	190.5	183	1.4	0.04	0.000*	---	3.37	1.026
24008	35781	68111	50	358.6	307.4	1.4	0.04	0.000*	---	5.38	9.389
24009	35786	68111	50	335.6	290.3	1.4	0.04	0.000*	---	5.12	7.705
24010	35789	68111	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.66
24011	35794	68111	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
24012	35798	68111	50	99.9	115.9	1.4	0.04	0.000*	---	2.2	0.064
24013	35799	68111	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.614
24014	35801	68111	50	150.1	153.1	1.4	0.04	0.000*	---	2.85	0.383
24015	35802	68111	50	82.1	102.7	1.4	0.04	0.000*	---	1.97	0.027
24016	35803	68111	50	209.8	197.3	1.4	0.04	0.000*	---	3.61	1.501
24017	35807	68111	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
24018	35810	68111	50	234	215.2	1.4	0.04	0.000*	---	3.91	2.272
24019	35811	68111	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.014
24020	35813	68111	50	142.9	147.8	1.4	0.04	0.000*	---	2.76	0.31
24021	35819	68111	50	73.8	96.7	1.4	0.04	0.000*	---	1.86	0.017
24022	35820	68111	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
24023	35821	68111	50	57.1	84.3	1.4	0.04	0.000*	---	1.63	0.006
24024	35822	68111	50	48.4	77.8	1.4	0.04	0.000*	---	1.52	0.003
24025	35824	68111	50	61.3	87.3	1.4	0.04	0.000*	---	1.69	0.008
24026	35825	68111	50	159.9	160.3	1.4	0.04	0.000*	---	2.98	0.499
24027	35826	68111	50	98	114.5	1.4	0.04	0.000*	---	2.18	0.059
24028	35828	68111	50	94.7	112.1	1.4	0.04	0.000*	---	2.13	0.051
24029	35829	68111	50	85.2	105.1	1.4	0.04	0.000*	---	2.01	0.032
24030	35830	68111	50	282.9	251.4	1.4	0.04	0.000*	---	4.5	4.451
24031	35831	68111	50	295.8	260.9	1.4	0.04	0.000*	---	4.65	5.165
24032	35832	68111	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
24033	35833	68111	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24034	35836	68111	50	148	151.5	1.4	0.04	0.000*	---	2.83	0.36
24035	35837	68111	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
24036	35839	68111	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.422
24037	35840	68111	50	63.7	89.1	1.4	0.04	0.000*	---	1.72	0.009
24038	35843	68111	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
24039	35844	68111	50	114.7	126.9	1.4	0.04	0.000*	---	2.4	0.119
24040	35845	68111	50	50.8	79.6	1.4	0.04	0.000*	---	1.55	0.004
24041	35848	68111	50	52.4	80.8	1.4	0.04	0.000*	---	1.57	0.004
24042	35849	68111	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
24043	35853	68111	50	89	107.8	1.4	0.04	0.000*	---	2.06	0.039
24044	35856	68111	50	334.6	289.6	1.4	0.04	0.000*	---	5.11	7.637
24045	35858	68111	50	207.2	195.3	1.4	0.04	0.000*	---	3.57	1.429
24046	35859	68111	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.914
24047	35863	68111	50	327	284	1.4	0.04	0.000*	---	5.02	7.115
24048	35867	68111	50	90.4	108.9	1.4	0.04	0.000*	---	2.08	0.042
24049	35868	68111	50	229.8	212.1	1.4	0.04	0.000*	---	3.85	2.123
24050	35871	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
24051	35872	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
24052	35877	68111	50	515.5	423.5	1.4	0.04	0.000*	---	7.13	23.555
24053	35880	68111	50	92.8	110.6	1.4	0.04	0.000*	---	2.11	0.046
24054	35885	68111	50	587.1	476.5	1.4	0.04	0.000*	---	7.88	30.625
24055	35886	68111	50	312.9	273.6	1.4	0.04	0.000*	---	4.85	6.196
24056	35888	68111	50	78.3	99.9	1.4	0.04	0.000*	---	1.92	0.022
24057	35890	68111	50	192.6	184.6	1.4	0.04	0.000*	---	3.39	1.072
24058	35892	68111	50	212.8	199.4	1.4	0.04	0.000*	---	3.64	1.584
24059	35915	68111	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.482
24060	35921	68111	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.35
24061	35930	68111	50	250	227	1.4	0.04	0.000*	---	4.1	2.891
24062	35935	68111	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
24063	35936	68111	50	86.9	106.3	1.4	0.04	0.000*	---	2.03	0.035
24064	35943	68111	50	173.1	170.1	1.4	0.04	0.000*	---	3.15	0.694
24065	35945	68111	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.033
24066	35947	68111	50	69.4	93.3	1.4	0.04	0.000*	---	1.8	0.013
24067	35948	68111	50	52.1	80.6	1.4	0.04	0.000*	---	1.57	0.004
24068	35950	68111	50	182.2	176.8	1.4	0.04	0.000*	---	3.26	0.856
24069	35958	68111	50	194.3	185.7	1.4	0.04	0.000*	---	3.41	1.109
24070	35961	68111	50	90.2	108.7	1.4	0.04	0.000*	---	2.07	0.041
24071	35964	68111	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989
24072	35967	68111	50	240.6	220.1	1.4	0.04	0.000*	---	3.99	2.516
24073	35969	68111	50	156.9	158.1	1.4	0.04	0.000*	---	2.94	0.461
24074	35975	68111	50	44.4	74.8	1.4	0.04	0.000*	---	1.46	0.002
24075	35977	68111	50	161.9	161.8	1.4	0.04	0.000*	---	3.01	0.526
24076	35981	68111	50	262	235.9	1.4	0.04	0.000*	---	4.25	3.417
24077	35984	68111	50	417.2	350.8	1.4	0.04	0.000*	---	6.05	14.252
24078	35987	68111	50	335.9	290.6	1.4	0.04	0.000*	---	5.12	7.73
24079	35990	68111	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.591
24080	35992	68111	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
24081	35994	68111	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
24082	35997	68111	50	424.4	356.1	1.4	0.04	0.000*	---	6.13	14.893
24083	36000	68111	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.372
24084	36002	68111	50	83.7	104	1.4	0.04	0.000*	---	1.99	0.03
24085	36007	68111	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.729
24086	36015	68111	50	167.1	165.6	1.4	0.04	0.000*	---	3.07	0.6
24087	36017	68111	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.755
24088	36021	68111	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.76
24089	36023	68111	50	56.4	83.7	1.4	0.04	0.000*	---	1.62	0.006
24090	36024	68111	50	259.9	234.3	1.4	0.04	0.000*	---	4.22	3.32
24091	36027	68111	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.282
24092	36029	68111	50	195.3	186.5	1.4	0.04	0.000*	---	3.43	1.133
24093	36036	68111	50	240.3	219.8	1.4	0.04	0.000*	---	3.98	2.503
24094	36040	68111	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.123

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24095	36043	68111	50	99.4	115.5	1.4	0.04	0.000*	---	2.2	0.063
24096	36045	68111	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
24097	36046	68111	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
24098	36051	68111	50	81.5	102.3	1.4	0.04	0.000*	---	1.96	0.026
24099	36056	68111	50	124.8	134.4	1.4	0.04	0.000*	---	2.53	0.172
24100	36057	68111	50	292.7	258.6	1.4	0.04	0.000*	---	4.61	4.987
24101	36065	68111	50	231.8	213.5	1.4	0.04	0.000*	---	3.88	2.192
24102	36067	68111	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
24103	36069	68111	50	148.2	151.6	1.4	0.04	0.000*	---	2.83	0.361
24104	36072	68111	50	55.8	83.3	1.4	0.04	0.000*	---	1.62	0.005
24105	36073	68111	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.487
24106	36075	68111	50	63.8	89.2	1.4	0.04	0.000*	---	1.72	0.009
24107	36077	68111	50	107.7	121.7	1.4	0.04	0.000*	---	2.31	0.09
24108	36082	68111	50	62	87.9	1.4	0.04	0.000*	---	1.7	0.008
24109	36091	68111	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
24110	36093	68111	50	94.9	112.3	1.4	0.04	0.000*	---	2.14	0.051
24111	36095	68111	50	144.4	148.8	1.4	0.04	0.000*	---	2.78	0.324
24112	36098	68111	50	64.3	89.6	1.4	0.04	0.000*	---	1.73	0.01
24113	36100	68111	50	59.5	86	1.4	0.04	0.000*	---	1.67	0.007
24114	36101	68111	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
24115	36109	68111	50	78.4	100	1.4	0.04	0.000*	---	1.92	0.022
24116	36110	68111	50	157.1	158.3	1.4	0.04	0.000*	---	2.94	0.464
24117	36112	68111	50	59.9	86.3	1.4	0.04	0.000*	---	1.67	0.007
24118	36114	68111	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.911
24119	36116	68111	50	345.5	297.7	1.4	0.04	0.000*	---	5.23	8.416
24120	36119	68111	50	297.8	262.4	1.4	0.04	0.000*	---	4.67	5.279
24121	36120	68111	50	173.2	170.2	1.4	0.04	0.000*	---	3.15	0.697
24122	36125	68111	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
24123	36126	68111	50	191.4	183.7	1.4	0.04	0.000*	---	3.38	1.046
24124	36130	68111	50	99.1	115.3	1.4	0.04	0.000*	---	2.19	0.062
24125	36133	68111	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.085
24126	36137	68111	50	196.2	187.2	1.4	0.04	0.000*	---	3.44	1.154
24127	36138	68111	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.341
24128	36139	68111	50	271	242.5	1.4	0.04	0.000*	---	4.35	3.841
24129	36141	68111	50	235.6	216.3	1.4	0.04	0.000*	---	3.92	2.326
24130	36144	68111	50	443.4	370.1	1.4	0.04	0.000*	---	6.34	16.624
24131	36147	68111	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
24132	36151	68111	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.868
24133	36154	68111	50	143.6	148.3	1.4	0.04	0.000*	---	2.77	0.316
24134	36156	68111	50	212.3	199.1	1.4	0.04	0.000*	---	3.64	1.571
24135	36158	68111	50	203	192.3	1.4	0.04	0.000*	---	3.52	1.32
24136	36162	68111	50	468.6	388.7	1.4	0.04	0.000*	---	6.62	18.996
24137	36166	68111	50	338.3	292.3	1.4	0.04	0.000*	---	5.15	7.896
24138	36167	68111	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
24139	36177	68111	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
24140	36186	68111	50	76.8	98.9	1.4	0.04	0.000*	---	1.9	0.02
24141	36188	68111	50	52.9	81.2	1.4	0.04	0.000*	---	1.58	0.004
24142	36190	68111	50	32.9	66.3	1.4	0.04	0.000*	---	1.31	0.001
24143	36193	68111	50	85.4	105.2	1.4	0.04	0.000*	---	2.01	0.032
24144	36194	68111	50	73.3	96.2	1.4	0.04	0.000*	---	1.85	0.017
24145	36196	68111	50	94.6	112	1.4	0.04	0.000*	---	2.13	0.051
24146	36197	68111	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
24147	36198	68111	50	61.8	87.7	1.4	0.04	0.000*	---	1.7	0.008
24148	36199	68111	50	355.3	304.9	1.4	0.04	0.000*	---	5.35	9.137
24149	36201	68111	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
24150	36202	68111	50	65.3	90.3	1.4	0.04	0.000*	---	1.74	0.01
24151	36203	68111	50	232.1	213.7	1.4	0.04	0.000*	---	3.88	2.201
24152	36204	68111	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
24153	36207	68111	50	240.3	219.8	1.4	0.04	0.000*	---	3.98	2.502
24154	36208	68111	50	210.5	197.8	1.4	0.04	0.000*	---	3.62	1.521
24155	36209	68111	50	182.5	177	1.4	0.04	0.000*	---	3.26	0.862

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ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24156	36210	68111	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.187
24157	36212	68111	50	50.5	79.4	1.4	0.04	0.000*	---	1.55	0.004
24158	36213	68111	50	155.5	157.1	1.4	0.04	0.000*	---	2.92	0.444
24159	36217	68111	50	287.7	254.9	1.4	0.04	0.000*	---	4.55	4.71
24160	36218	68111	50	286.3	253.9	1.4	0.04	0.000*	---	4.54	4.635
24161	36220	68111	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
24162	36221	68111	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
24163	36224	68111	50	164.6	163.8	1.4	0.04	0.000*	---	3.04	0.563
24164	36225	68111	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
24165	36232	68111	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
24166	36233	68111	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.608
24167	36236	68111	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
24168	36238	68111	50	88.3	107.3	1.4	0.04	0.000*	---	2.05	0.037
24169	36239	68111	50	53.7	81.7	1.4	0.04	0.000*	---	1.59	0.005
24170	36243	68111	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
24171	36246	68111	50	1445.2	1111.5	1.4	0.04	0.000*	---	15.45	82.255
24172	36247	68111	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.979
24173	36249	68111	50	140.1	145.7	1.4	0.04	0.000*	---	2.73	0.284
24174	36251	68111	50	209.9	197.3	1.4	0.04	0.000*	---	3.61	1.503
24175	36253	68111	50	116.4	128.2	1.4	0.04	0.000*	---	2.42	0.127
24176	36255	68111	50	190.1	182.7	1.4	0.04	0.000*	---	3.36	1.017
24177	36257	68111	50	155.6	157.1	1.4	0.04	0.000*	---	2.92	0.445
24178	36258	68111	50	107.2	121.3	1.4	0.04	0.000*	---	2.3	0.088
24179	36259	68111	50	398.4	336.8	1.4	0.04	0.000*	---	5.84	12.611
24180	36260	68111	50	412.8	347.5	1.4	0.04	0.000*	---	6	13.863
24181	36261	68111	50	311.5	272.5	1.4	0.04	0.000*	---	4.84	6.108
24182	36262	68111	50	68.9	93	1.4	0.04	0.000*	---	1.79	0.013
24183	36263	68111	50	402.6	339.9	1.4	0.04	0.000*	---	5.89	12.972
24184	36264	68111	50	194.8	186.1	1.4	0.04	0.000*	---	3.42	1.12
24185	36265	68111	50	139.9	145.5	1.4	0.04	0.000*	---	2.72	0.282
24186	36269	68111	50	209.9	197.4	1.4	0.04	0.000*	---	3.61	1.504
24187	36270	68111	50	61.1	87.2	1.4	0.04	0.000*	---	1.69	0.008
24188	36272	68111	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.811
24189	36273	68111	50	288.8	255.7	1.4	0.04	0.000*	---	4.57	4.77
24190	36274	68111	50	40.2	71.7	1.4	0.04	0.000*	---	1.41	0.001
24191	36275	68111	50	246.3	224.3	1.4	0.04	0.000*	---	4.05	2.739
24192	36278	68111	50	277.9	247.7	1.4	0.04	0.000*	---	4.44	4.189
24193	36279	68111	50	112.8	125.5	1.4	0.04	0.000*	---	2.37	0.11
24194	36280	68111	50	333	288.4	1.4	0.04	0.000*	---	5.09	7.523
24195	36281	68111	50	65.9	90.8	1.4	0.04	0.000*	---	1.75	0.011
24196	36288	68111	50	389.2	330	1.4	0.04	0.000*	---	5.73	11.836
24197	36289	68111	50	57.4	84.5	1.4	0.04	0.000*	---	1.64	0.006
24198	36298	68111	50	193.7	185.4	1.4	0.04	0.000*	---	3.41	1.097
24199	36300	68111	50	217.8	203.1	1.4	0.04	0.000*	---	3.7	1.732
24200	36302	68111	50	191.8	183.9	1.4	0.04	0.000*	---	3.38	1.053
24201	36305	68111	50	98.5	114.9	1.4	0.04	0.000*	---	2.19	0.061
24202	36309	68111	50	62.6	88.3	1.4	0.04	0.000*	---	1.71	0.008
24203	36311	68111	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
24204	36313	68111	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
24205	36315	68111	50	97.7	114.3	1.4	0.04	0.000*	---	2.18	0.059
24206	36320	68111	50	103.6	118.6	1.4	0.04	0.000*	---	2.25	0.076
24207	36323	68111	50	237.7	217.9	1.4	0.04	0.000*	---	3.95	2.404
24208	36324	68111	50	193.9	185.5	1.4	0.04	0.000*	---	3.41	1.101
24209	36325	68111	50	91	109.3	1.4	0.04	0.000*	---	2.09	0.043
24210	36329	68111	50	47	76.8	1.4	0.04	0.000*	---	1.5	0.003
24211	36330	68111	50	77.4	99.3	1.4	0.04	0.000*	---	1.91	0.021
24212	36331	68111	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.299
24213	36337	68111	50	30.7	64.7	1.4	0.04	0.000*	---	1.28	0.001
24214	36340	68111	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.012
24215	36341	68111	50	215	201.1	1.4	0.04	0.000*	---	3.67	1.65
24216	36351	68111	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24217	36353	68111	50	46.6	76.5	1.4	0.04	0.000*	---	1.49	0.003
24218	36354	68111	50	317.3	276.8	1.4	0.04	0.000*	---	4.9	6.472
24219	36356	68111	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.342
24220	36357	68111	50	188.2	181.2	1.4	0.04	0.000*	---	3.34	0.976
24221	36358	68111	50	263.6	237.1	1.4	0.04	0.000*	---	4.27	3.491
24222	36366	68111	50	24.8	60.4	1.4	0.04	0.000*	---	1.2	0
24223	36370	68111	50	49.7	78.8	1.4	0.04	0.000*	---	1.54	0.003
24224	36372	68111	50	257.2	232.3	1.4	0.04	0.000*	---	4.19	3.199
24225	36383	68111	50	258.5	233.3	1.4	0.04	0.000*	---	4.2	3.256
24226	36386	68111	50	495.1	408.4	1.4	0.04	0.000*	---	6.91	21.553
24227	36388	68111	50	267.5	240	1.4	0.04	0.000*	---	4.31	3.674
24228	36390	68111	50	93.7	111.3	1.4	0.04	0.000*	---	2.12	0.049
24229	36392	68111	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.406
24230	36394	68111	50	417.1	350.7	1.4	0.04	0.000*	---	6.05	14.241
24231	36396	68111	50	226.8	209.9	1.4	0.04	0.000*	---	3.82	2.021
24232	36399	68111	50	416.6	350.3	1.4	0.04	0.000*	---	6.04	14.193
24233	36402	68111	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
24234	36405	68111	50	77.2	99.1	1.4	0.04	0.000*	---	1.9	0.021
24235	36408	68111	50	415.5	349.5	1.4	0.04	0.000*	---	6.03	14.099
24236	36409	68111	50	517	424.6	1.4	0.04	0.000*	---	7.14	23.701
24237	36410	68111	50	427.5	358.3	1.4	0.04	0.000*	---	6.16	15.168
24238	36416	68111	50	305.2	267.9	1.4	0.04	0.000*	---	4.76	5.72
24239	36419	68111	50	208.5	196.3	1.4	0.04	0.000*	---	3.59	1.463
24240	36427	68111	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.875
24241	36430	68111	50	420.3	353	1.4	0.04	0.000*	---	6.09	14.529
24242	36431	68111	50	96.2	113.2	1.4	0.04	0.000*	---	2.15	0.055
24243	36437	68111	50	393.6	333.3	1.4	0.04	0.000*	---	5.78	12.205
24244	36438	68111	50	347	298.8	1.4	0.04	0.000*	---	5.25	8.526
24245	36441	68111	50	674.8	541.3	1.4	0.04	0.000*	---	8.77	39.037
24246	36442	68111	50	455.5	379	1.4	0.04	0.000*	---	6.47	17.752
24247	36444	68111	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.702
24248	36446	68111	50	474.1	392.9	1.4	0.04	0.000*	---	6.68	19.527
24249	36448	68111	50	606.3	490.7	1.4	0.04	0.000*	---	8.08	32.504
24250	36452	68111	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.524
24251	36464	68111	50	206.1	194.6	1.4	0.04	0.000*	---	3.56	1.401
24252	36466	68111	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
24253	36467	68111	50	367.7	314.1	1.4	0.04	0.000*	---	5.49	10.092
24254	36470	68111	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.872
24255	36473	68111	50	368.4	314.6	1.4	0.04	0.000*	---	5.5	10.145
24256	36474	68111	50	261.6	235.6	1.4	0.04	0.000*	---	4.24	3.396
24257	36478	68111	50	492.9	406.7	1.4	0.04	0.000*	---	6.88	21.341
24258	36479	68111	50	392.4	332.4	1.4	0.04	0.000*	---	5.77	12.102
24259	36489	68111	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.232
24260	36493	68111	50	201.4	191.1	1.4	0.04	0.000*	---	3.5	1.28
24261	36494	68111	50	215.3	201.4	1.4	0.04	0.000*	---	3.67	1.659
24262	36500	68111	50	228.5	211.1	1.4	0.04	0.000*	---	3.84	2.078
24263	36505	68111	50	540.2	441.7	1.4	0.04	0.000*	---	7.39	25.989
24264	36507	68111	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.915
24265	36510	68111	50	288.1	255.2	1.4	0.04	0.000*	---	4.56	4.728
24266	36512	68111	50	372	317.3	1.4	0.04	0.000*	---	5.54	10.432
24267	36514	68111	50	364.5	311.7	1.4	0.04	0.000*	---	5.45	9.844
24268	36516	68111	50	512.6	421.3	1.4	0.04	0.000*	---	7.1	23.265
24269	36517	68111	50	64.5	89.8	1.4	0.04	0.000*	---	1.73	0.01
24270	36518	68111	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.218
24271	36522	68111	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.718
24272	36527	68111	50	298.3	262.7	1.4	0.04	0.000*	---	4.68	5.307
24273	36530	68111	50	276.5	246.6	1.4	0.04	0.000*	---	4.42	4.116
24274	36531	68111	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.609
24275	36532	68111	50	160.5	160.7	1.4	0.04	0.000*	---	2.99	0.507
24276	36540	68111	50	261.3	235.3	1.4	0.04	0.000*	---	4.24	3.382
24277	36545	68111	50	351.4	302	1.4	0.04	0.000*	---	5.3	8.845

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24278	36546	68111	50	606.3	490.6	1.4	0.04	0.000*	---	8.08	32.498
24279	36547	68111	50	487	402.4	1.4	0.04	0.000*	---	6.82	20.765
24280	36553	68111	50	551.3	450	1.4	0.04	0.000*	---	7.51	27.091
24281	36557	68111	50	370	315.8	1.4	0.04	0.000*	---	5.52	10.278
24282	36574	68111	50	53.6	81.7	1.4	0.04	0.000*	---	1.59	0.004
24283	36589	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
24284	36617	68111	50	282.5	251.1	1.4	0.04	0.000*	---	4.49	4.429
24285	36619	68111	50	452	376.5	1.4	0.04	0.000*	---	6.44	17.427
24286	36623	68111	50	437.3	365.6	1.4	0.04	0.000*	---	6.27	16.061
24287	36629	68111	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.344
24288	36637	68111	50	130.7	138.7	1.4	0.04	0.000*	---	2.6	0.21
24289	36639	68111	50	225.8	209.1	1.4	0.04	0.000*	---	3.8	1.988
24290	36640	68111	50	323.3	281.3	1.4	0.04	0.000*	---	4.97	6.869
24291	36643	68111	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.009
24292	36645	68111	50	52.5	80.9	1.4	0.04	0.000*	---	1.57	0.004
24293	36649	68111	50	234.5	215.5	1.4	0.04	0.000*	---	3.91	2.287
24294	36656	68111	50	365.3	312.4	1.4	0.04	0.000*	---	5.46	9.908
24295	36677	68111	50	421.4	353.9	1.4	0.04	0.000*	---	6.1	14.626
24296	36678	68111	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.803
24297	36679	68111	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
24298	36683	68111	50	68.6	92.8	1.4	0.04	0.000*	---	1.79	0.013
24299	36689	68111	50	220.3	205	1.4	0.04	0.000*	---	3.74	1.808
24300	36690	68111	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.517
24301	36700	68111	50	395.7	334.8	1.4	0.04	0.000*	---	5.81	12.385
24302	36701	68111	50	470.3	390	1.4	0.04	0.000*	---	6.64	19.158
24303	36706	68111	50	394	333.5	1.4	0.04	0.000*	---	5.79	12.237
24304	36709	68111	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.087
24305	36711	68111	50	298.6	263	1.4	0.04	0.000*	---	4.68	5.328
24306	36713	68111	50	530	434.2	1.4	0.04	0.000*	---	7.28	24.979
24307	36715	68111	50	487.8	402.9	1.4	0.04	0.000*	---	6.83	20.841
24308	36721	68111	50	229.3	211.7	1.4	0.04	0.000*	---	3.85	2.105
24309	36726	68111	50	334	289.1	1.4	0.04	0.000*	---	5.1	7.593
24310	36733	68111	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.193
24311	36747	68111	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
24312	36749	68111	50	253.6	229.7	1.4	0.04	0.000*	---	4.14	3.044
24313	36755	68111	50	148.8	152.1	1.4	0.04	0.000*	---	2.84	0.368
24314	36769	68111	50	381.1	324	1.4	0.04	0.000*	---	5.64	11.17
24315	36774	68111	50	376.1	320.3	1.4	0.04	0.000*	---	5.59	10.762
24316	36781	68111	50	215.4	201.4	1.4	0.04	0.000*	---	3.68	1.661
24317	36785	68111	50	301.2	264.9	1.4	0.04	0.000*	---	4.71	5.481
24318	36789	68111	50	127.7	136.5	1.4	0.04	0.000*	---	2.57	0.19
24319	36793	68111	50	126.3	135.4	1.4	0.04	0.000*	---	2.55	0.181
24320	36806	68111	50	334.4	289.4	1.4	0.04	0.000*	---	5.1	7.621
24321	36807	68111	50	214.4	200.6	1.4	0.04	0.000*	---	3.66	1.63
24322	36810	68111	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.051
24323	36817	68111	50	258.3	233.1	1.4	0.04	0.000*	---	4.2	3.247
24324	36819	68111	50	190.2	182.7	1.4	0.04	0.000*	---	3.36	1.019
24325	36821	68111	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
24326	36824	68111	50	121.8	132.1	1.4	0.04	0.000*	---	2.49	0.154
24327	36830	68111	50	183.7	177.9	1.4	0.04	0.000*	---	3.28	0.885
24328	36832	68111	50	320.3	279	1.4	0.04	0.000*	---	4.94	6.667
24329	36836	68111	50	347.5	299.1	1.4	0.04	0.000*	---	5.26	8.555
24330	36844	68111	50	137.5	143.7	1.4	0.04	0.000*	---	2.69	0.262
24331	36845	68111	50	209.4	197	1.4	0.04	0.000*	---	3.6	1.49
24332	36846	68111	50	288.8	255.7	1.4	0.04	0.000*	---	4.57	4.77
24333	36855	68111	50	100.2	116.1	1.4	0.04	0.000*	---	2.21	0.065
24334	36856	68111	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
24335	36861	68111	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.628
24336	36869	68111	50	371.3	316.8	1.4	0.04	0.000*	---	5.53	10.38
24337	36873	68111	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
24338	36877	68111	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.049

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24339	36882	68111	50	245.7	223.8	1.4	0.04	0.000*	---	4.05	2.715
24340	36885	68111	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.278
24341	36888	68111	50	303.9	266.9	1.4	0.04	0.000*	---	4.75	5.641
24342	36897	68111	50	859.9	678.3	1.4	0.04	0.000*	---	10.56	54.581
24343	36899	68111	50	275.9	246.2	1.4	0.04	0.000*	---	4.41	4.088
24344	36901	68111	50	147.9	151.5	1.4	0.04	0.000*	---	2.83	0.359
24345	36907	68111	50	210.1	197.5	1.4	0.04	0.000*	---	3.61	1.508
24346	36911	68111	50	272	243.3	1.4	0.04	0.000*	---	4.37	3.89
24347	36916	68111	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.818
24348	36923	68111	50	203.8	192.8	1.4	0.04	0.000*	---	3.53	1.339
24349	36927	68111	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
24350	36931	68111	50	147.8	151.4	1.4	0.04	0.000*	---	2.82	0.358
24351	36936	68111	50	244.1	222.7	1.4	0.04	0.000*	---	4.03	2.653
24352	36938	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
24353	36942	68111	50	344.6	297	1.4	0.04	0.000*	---	5.22	8.347
24354	36943	68111	50	287.8	255	1.4	0.04	0.000*	---	4.55	4.715
24355	36957	68111	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.426
24356	36958	68111	50	105.9	120.3	1.4	0.04	0.000*	---	2.28	0.083
24357	36959	68111	50	93.5	111.2	1.4	0.04	0.000*	---	2.12	0.048
24358	36960	68111	50	117.6	129	1.4	0.04	0.000*	---	2.44	0.133
24359	36979	68111	50	226.3	209.4	1.4	0.04	0.000*	---	3.81	2.002
24360	36980	68111	50	158.3	159.2	1.4	0.04	0.000*	---	2.96	0.479
24361	36985	68111	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
24362	36988	68111	50	319.7	278.6	1.4	0.04	0.000*	---	4.93	6.632
24363	36991	68111	50	151.4	154	1.4	0.04	0.000*	---	2.87	0.396
24364	37002	68111	50	178.6	174.1	1.4	0.04	0.000*	---	3.22	0.79
24365	37010	68111	50	222.1	206.3	1.4	0.04	0.000*	---	3.76	1.866
24366	37011	68111	50	338.5	292.5	1.4	0.04	0.000*	---	5.15	7.908
24367	37016	68111	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
24368	37018	68111	50	251.9	228.4	1.4	0.04	0.000*	---	4.12	2.97
24369	37019	68111	50	424.1	355.9	1.4	0.04	0.000*	---	6.13	14.87
24370	37020	68111	50	294.1	259.6	1.4	0.04	0.000*	---	4.63	5.067
24371	37023	68111	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.022
24372	37025	68111	50	286.5	254	1.4	0.04	0.000*	---	4.54	4.643
24373	37031	68111	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
24374	37036	68111	50	93.2	111	1.4	0.04	0.000*	---	2.12	0.047
24375	37037	68111	50	503.1	414.3	1.4	0.04	0.000*	---	6.99	22.334
24376	37045	68111	50	70.5	94.1	1.4	0.04	0.000*	---	1.81	0.014
24377	37048	68111	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.789
24378	37049	68111	50	317.1	276.7	1.4	0.04	0.000*	---	4.9	6.464
24379	37050	68111	50	420.6	353.3	1.4	0.04	0.000*	---	6.09	14.556
24380	37053	68111	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.402
24381	37054	68111	50	166.4	165.1	1.4	0.04	0.000*	---	3.06	0.589
24382	37062	68111	50	277.8	247.6	1.4	0.04	0.000*	---	4.43	4.182
24383	37063	68111	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.392
24384	37066	68111	50	422.6	354.8	1.4	0.04	0.000*	---	6.11	14.735
24385	37070	68111	50	244.9	223.2	1.4	0.04	0.000*	---	4.04	2.684
24386	37078	68111	50	385.7	327.5	1.4	0.04	0.000*	---	5.7	11.549
24387	37084	68111	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
24388	37087	68111	50	202.5	191.8	1.4	0.04	0.000*	---	3.52	1.306
24389	37089	68111	50	57.1	84.3	1.4	0.04	0.000*	---	1.63	0.006
24390	37090	68111	50	212.2	199	1.4	0.04	0.000*	---	3.64	1.567
24391	37097	68111	50	269.8	241.6	1.4	0.04	0.000*	---	4.34	3.783
24392	37099	68111	50	539.9	441.5	1.4	0.04	0.000*	---	7.39	25.962
24393	37103	68111	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.601
24394	37105	68111	50	241.2	220.5	1.4	0.04	0.000*	---	3.99	2.539
24395	37109	68111	50	419.3	352.3	1.4	0.04	0.000*	---	6.07	14.44
24396	37111	68111	50	440.4	367.9	1.4	0.04	0.000*	---	6.31	16.353
24397	37116	68111	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.982
24398	37121	68111	50	273.9	244.6	1.4	0.04	0.000*	---	4.39	3.983
24399	37122	68111	50	324.9	282.5	1.4	0.04	0.000*	---	4.99	6.976

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24400	37125	68111	50	291.3	257.5	1.4	0.04	0.000*	---	4.6	4.906
24401	37126	68111	50	262.2	236	1.4	0.04	0.000*	---	4.25	3.425
24402	37128	68111	50	419.4	352.4	1.4	0.04	0.000*	---	6.08	14.449
24403	37133	68111	50	249.1	226.3	1.4	0.04	0.000*	---	4.09	2.853
24404	37134	68111	50	117.5	128.9	1.4	0.04	0.000*	---	2.43	0.132
24405	37151	68111	50	147.2	151	1.4	0.04	0.000*	---	2.82	0.352
24406	37156	68111	50	200.7	190.6	1.4	0.04	0.000*	---	3.49	1.263
24407	37161	68111	50	163.3	162.9	1.4	0.04	0.000*	---	3.02	0.546
24408	37165	68111	50	338.2	292.3	1.4	0.04	0.000*	---	5.15	7.891
24409	37168	68111	50	194.8	186.2	1.4	0.04	0.000*	---	3.42	1.122
24410	37169	68111	50	234	215.2	1.4	0.04	0.000*	---	3.9	2.27
24411	37170	68111	50	52.2	80.6	1.4	0.04	0.000*	---	1.57	0.004
24412	37171	68111	50	128.6	137.1	1.4	0.04	0.000*	---	2.58	0.196
24413	37175	68111	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.834
24414	37176	68111	50	294	259.5	1.4	0.04	0.000*	---	4.63	5.058
24415	37181	68111	50	171.8	169.1	1.4	0.04	0.000*	---	3.13	0.674
24416	37184	68111	50	457.6	380.6	1.4	0.04	0.000*	---	6.5	17.954
24417	37185	68111	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.126
24418	37189	68111	50	331	286.9	1.4	0.04	0.000*	---	5.06	7.386
24419	37191	68111	50	329.5	285.9	1.4	0.04	0.000*	---	5.05	7.287
24420	37193	68111	50	122.6	132.8	1.4	0.04	0.000*	---	2.5	0.159
24421	37204	68111	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.115
24422	37210	68111	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.743
24423	37211	68111	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.178
24424	37219	68111	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.798
24425	37223	68111	50	167.2	165.8	1.4	0.04	0.000*	---	3.07	0.602
24426	37224	68111	50	262.5	236.2	1.4	0.04	0.000*	---	4.25	3.436
24427	37226	68111	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.94
24428	37233	68111	50	200.9	190.6	1.4	0.04	0.000*	---	3.5	1.266
24429	37235	68111	50	241	220.3	1.4	0.04	0.000*	---	3.99	2.53
24430	37237	68111	50	76.6	98.7	1.4	0.04	0.000*	---	1.9	0.02
24431	37259	68111	50	165.3	164.3	1.4	0.04	0.000*	---	3.05	0.574
24432	37261	68111	50	119.1	130.2	1.4	0.04	0.000*	---	2.45	0.14
24433	37265	68111	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133
24434	37271	68111	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.351
24435	37276	68111	50	432.1	361.8	1.4	0.04	0.000*	---	6.22	15.59
24436	37277	68111	50	243.2	221.9	1.4	0.04	0.000*	---	4.02	2.614
24437	37285	68111	50	221.8	206.1	1.4	0.04	0.000*	---	3.75	1.856
24438	37296	68111	50	416.8	350.4	1.4	0.04	0.000*	---	6.05	14.213
24439	37301	68111	50	63.9	89.3	1.4	0.04	0.000*	---	1.73	0.009
24440	37302	68111	50	272.7	243.8	1.4	0.04	0.000*	---	4.37	3.927
24441	37310	68111	50	314.5	274.8	1.4	0.04	0.000*	---	4.87	6.299
24442	37313	68111	50	135.6	142.4	1.4	0.04	0.000*	---	2.67	0.247
24443	37314	68111	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.322
24444	37320	68111	50	71	94.6	1.4	0.04	0.000*	---	1.82	0.015
24445	37321	68111	50	577.3	469.2	1.4	0.04	0.000*	---	7.78	29.654
24446	37333	68111	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227
24447	37335	68111	50	347.6	299.2	1.4	0.04	0.000*	---	5.26	8.566
24448	37339	68111	50	151.1	153.8	1.4	0.04	0.000*	---	2.87	0.393
24449	37349	68111	50	560.1	456.5	1.4	0.04	0.000*	---	7.6	27.961
24450	37353	68111	50	529.8	434	1.4	0.04	0.000*	---	7.28	24.959
24451	37355	68111	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.482
24452	37359	68111	50	106.1	120.5	1.4	0.04	0.000*	---	2.28	0.084
24453	37361	68111	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.74
24454	37365	68111	50	256.9	232.1	1.4	0.04	0.000*	---	4.18	3.186
24455	37367	68111	50	355	304.7	1.4	0.04	0.000*	---	5.34	9.119
24456	37385	68111	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
24457	37389	68111	50	141	146.4	1.4	0.04	0.000*	---	2.74	0.292
24458	37399	68111	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.559
24459	37400	68111	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
24460	37402	68111	50	235.4	216.2	1.4	0.04	0.000*	---	3.92	2.321

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24461	37403	68111	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.487
24462	37404	68111	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.579
24463	37406	68111	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.263
24464	37414	68111	50	103.1	118.3	1.4	0.04	0.000*	---	2.25	0.074
24465	37415	68111	50	277.2	247.1	1.4	0.04	0.000*	---	4.43	4.151
24466	37422	68111	50	83.1	103.5	1.4	0.04	0.000*	---	1.98	0.029
24467	37430	68111	50	408.8	344.5	1.4	0.04	0.000*	---	5.96	13.509
24468	37432	68111	50	95.6	112.7	1.4	0.04	0.000*	---	2.15	0.053
24469	37440	68111	50	130.5	138.6	1.4	0.04	0.000*	---	2.6	0.209
24470	37452	68111	50	166.2	165	1.4	0.04	0.000*	---	3.06	0.587
24471	37454	68111	50	186	179.6	1.4	0.04	0.000*	---	3.31	0.931
24472	37459	68111	50	610	493.4	1.4	0.04	0.000*	---	8.12	32.866
24473	37461	68111	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.224
24474	37465	68111	50	313.9	274.3	1.4	0.04	0.000*	---	4.86	6.259
24475	37468	68111	50	73.9	96.7	1.4	0.04	0.000*	---	1.86	0.017
24476	37470	68111	50	190.6	183.1	1.4	0.04	0.000*	---	3.37	1.028
24477	37476	68111	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.481
24478	37479	68111	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
24479	37483	68111	50	196.4	187.4	1.4	0.04	0.000*	---	3.44	1.159
24480	37486	68111	50	228.8	211.3	1.4	0.04	0.000*	---	3.84	2.086
24481	37491	68111	50	176.7	172.8	1.4	0.04	0.000*	---	3.19	0.756
24482	37494	68111	50	219.5	204.5	1.4	0.04	0.000*	---	3.73	1.786
24483	37497	68111	50	194.3	185.8	1.4	0.04	0.000*	---	3.41	1.111
24484	37502	68111	50	131.9	139.6	1.4	0.04	0.000*	---	2.62	0.219
24485	37503	68111	50	287.9	255	1.4	0.04	0.000*	---	4.56	4.717
24486	37504	68111	50	183.6	177.9	1.4	0.04	0.000*	---	3.28	0.885
24487	37505	68111	50	146.9	150.7	1.4	0.04	0.000*	---	2.81	0.349
24488	37506	68111	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.33
24489	37507	68111	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.325
24490	37508	68111	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.76
24491	37510	68111	50	162.4	162.2	1.4	0.04	0.000*	---	3.01	0.533
24492	37512	68111	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.664
24493	37517	68111	50	83.1	103.5	1.4	0.04	0.000*	---	1.98	0.029
24494	37546	68111	50	329.8	286	1.4	0.04	0.000*	---	5.05	7.305
24495	37550	68111	50	68.8	92.9	1.4	0.04	0.000*	---	1.79	0.013
24496	37552	68111	50	257.6	232.6	1.4	0.04	0.000*	---	4.19	3.216
24497	37577	68111	50	454.5	378.3	1.4	0.04	0.000*	---	6.46	17.664
24498	37579	68111	50	310.6	271.8	1.4	0.04	0.000*	---	4.82	6.049
24499	37582	68111	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.22
24500	37588	68111	50	51.3	80	1.4	0.04	0.000*	---	1.56	0.004
24501	37589	68111	50	260.4	234.7	1.4	0.04	0.000*	---	4.23	3.342
24502	37592	68111	50	187.1	180.4	1.4	0.04	0.000*	---	3.32	0.954
24503	37601	68111	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
24504	37610	68111	50	323.6	281.5	1.4	0.04	0.000*	---	4.98	6.889
24505	37612	68111	50	230.4	212.5	1.4	0.04	0.000*	---	3.86	2.143
24506	37620	68111	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.634
24507	37622	68111	50	404.6	341.4	1.4	0.04	0.000*	---	5.91	13.142
24508	37623	68111	50	120.1	130.9	1.4	0.04	0.000*	---	2.47	0.145
24509	37627	68111	50	430.1	360.3	1.4	0.04	0.000*	---	6.19	15.412
24510	37633	68111	50	429.6	359.9	1.4	0.04	0.000*	---	6.19	15.362
24511	37636	68111	50	320.6	279.2	1.4	0.04	0.000*	---	4.94	6.689
24512	37639	68111	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.907
24513	37640	68111	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
24514	37641	68111	50	245.4	223.6	1.4	0.04	0.000*	---	4.04	2.704
24515	37642	68111	50	334.4	289.5	1.4	0.04	0.000*	---	5.1	7.623
24516	37646	68111	50	123.1	133.1	1.4	0.04	0.000*	---	2.51	0.162
24517	37647	68111	50	268.9	241	1.4	0.04	0.000*	---	4.33	3.742
24518	37648	68111	50	287	254.4	1.4	0.04	0.000*	---	4.54	4.668
24519	37649	68111	50	321.5	279.9	1.4	0.04	0.000*	---	4.95	6.746
24520	37651	68111	50	198.6	189	1.4	0.04	0.000*	---	3.47	1.211
24521	37653	68111	50	319.9	278.7	1.4	0.04	0.000*	---	4.93	6.644

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24522	37655	68111	50	346	298	1.4	0.04	0.000*	---	5.24	8.448
24523	37658	68111	50	181.3	176.2	1.4	0.04	0.000*	---	3.25	0.84
24524	37659	68111	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.066
24525	37660	68111	50	73.1	96.1	1.4	0.04	0.000*	---	1.85	0.016
24526	37662	68111	50	256.7	232	1.4	0.04	0.000*	---	4.18	3.177
24527	37666	68111	50	789.8	626.5	1.4	0.04	0.000*	---	9.9	49.118
24528	37675	68111	50	126.4	135.5	1.4	0.04	0.000*	---	2.55	0.182
24529	37684	68111	50	242	221.1	1.4	0.04	0.000*	---	4	2.571
24530	37691	68111	50	249.6	226.7	1.4	0.04	0.000*	---	4.1	2.875
24531	37698	68111	50	251.7	228.3	1.4	0.04	0.000*	---	4.12	2.963
24532	37699	68111	50	256	231.5	1.4	0.04	0.000*	---	4.17	3.148
24533	37702	68111	50	352.4	302.8	1.4	0.04	0.000*	---	5.31	8.923
24534	37722	68111	50	482.2	398.8	1.4	0.04	0.000*	---	6.77	20.301
24535	37730	68111	50	336.9	291.3	1.4	0.04	0.000*	---	5.13	7.799
24536	37738	68111	50	234.9	215.9	1.4	0.04	0.000*	---	3.92	2.304
24537	37741	68111	50	218.2	203.5	1.4	0.04	0.000*	---	3.71	1.745
24538	37743	68111	50	524.2	429.9	1.4	0.04	0.000*	---	7.22	24.406
24539	37747	68111	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.224
24540	37748	68111	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.397
24541	37754	68111	50	216.3	202.1	1.4	0.04	0.000*	---	3.69	1.688
24542	37755	68111	50	312.5	273.3	1.4	0.04	0.000*	---	4.85	6.171
24543	37756	68111	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
24544	37758	68111	50	271.4	242.9	1.4	0.04	0.000*	---	4.36	3.864
24545	37760	68111	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.724
24546	37769	68111	50	144.7	149.1	1.4	0.04	0.000*	---	2.79	0.327
24547	37771	68111	50	630.4	508.5	1.4	0.04	0.000*	---	8.33	34.838
24548	37775	68111	50	148.5	151.9	1.4	0.04	0.000*	---	2.83	0.365
24549	37776	68111	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.125
24550	37780	68111	50	317.6	277	1.4	0.04	0.000*	---	4.91	6.495
24551	37782	68111	50	166	164.8	1.4	0.04	0.000*	---	3.06	0.584
24552	37785	68111	50	475	393.5	1.4	0.04	0.000*	---	6.69	19.613
24553	37786	68111	50	185.8	179.5	1.4	0.04	0.000*	---	3.31	0.927
24554	37789	68111	50	276.3	246.5	1.4	0.04	0.000*	---	4.42	4.107
24555	37791	68111	50	393.5	333.2	1.4	0.04	0.000*	---	5.78	12.199
24556	37795	68111	50	77.8	99.6	1.4	0.04	0.000*	---	1.91	0.022
24557	37800	68111	50	341.8	294.9	1.4	0.04	0.000*	---	5.19	8.141
24558	37825	68111	50	194.7	186.1	1.4	0.04	0.000*	---	3.42	1.12
24559	37829	68111	50	126.4	135.6	1.4	0.04	0.000*	---	2.55	0.182
24560	37833	68111	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
24561	37859	68111	50	305.2	267.9	1.4	0.04	0.000*	---	4.76	5.72
24562	37862	68111	50	125.6	135	1.4	0.04	0.000*	---	2.54	0.177
24563	37882	68111	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.868
24564	37884	68111	50	348	299.5	1.4	0.04	0.000*	---	5.26	8.599
24565	37890	68111	50	121	131.5	1.4	0.04	0.000*	---	2.48	0.15
24566	37892	68111	50	264.5	237.7	1.4	0.04	0.000*	---	4.28	3.53
24567	37899	68111	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
24568	37901	68111	50	234.7	215.6	1.4	0.04	0.000*	---	3.91	2.294
24569	37905	68111	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.78
24570	37906	68111	50	81.1	102	1.4	0.04	0.000*	---	1.96	0.026
24571	37907	68111	50	692	554.1	1.4	0.04	0.000*	---	8.95	40.632
24572	37914	68111	50	314.1	274.5	1.4	0.04	0.000*	---	4.87	6.272
24573	37920	68111	50	140.1	145.6	1.4	0.04	0.000*	---	2.73	0.284
24574	37922	68111	50	407.8	343.7	1.4	0.04	0.000*	---	5.94	13.419
24575	37923	68111	50	810	641.4	1.4	0.04	0.000*	---	10.09	50.745
24576	37927	68111	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.622
24577	37929	68111	50	458.4	381.2	1.4	0.04	0.000*	---	6.51	18.03
24578	37934	68111	50	427.2	358.1	1.4	0.04	0.000*	---	6.16	15.147
24579	37939	68111	50	280.2	249.3	1.4	0.04	0.000*	---	4.46	4.307
24580	37940	68111	50	273.7	244.6	1.4	0.04	0.000*	---	4.39	3.977
24581	37942	68111	50	270.7	242.3	1.4	0.04	0.000*	---	4.35	3.826
24582	37945	68111	50	304.1	267	1.4	0.04	0.000*	---	4.75	5.651

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24583	37959	68111	50	248	225.5	1.4	0.04	0.000*	---	4.08	2.808
24584	37971	68111	50	119	130.1	1.4	0.04	0.000*	---	2.45	0.14
24585	37972	68111	50	328	284.7	1.4	0.04	0.000*	---	5.03	7.182
24586	37989	68111	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.847
24587	37990	68111	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.325
24588	37992	68111	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.794
24589	37994	68111	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
24590	37998	68111	50	85.2	105	1.4	0.04	0.000*	---	2.01	0.032
24591	38001	68111	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
24592	38003	68111	50	432.7	362.2	1.4	0.04	0.000*	---	6.22	15.642
24593	38007	68111	50	80.8	101.8	1.4	0.04	0.000*	---	1.95	0.025
24594	38009	68111	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
24595	38010	68111	50	108.1	122	1.4	0.04	0.000*	---	2.31	0.091
24596	38030	68111	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
24597	38036	68111	50	142.8	147.7	1.4	0.04	0.000*	---	2.76	0.309
24598	38042	68111	50	306.3	268.7	1.4	0.04	0.000*	---	4.77	5.786
24599	38043	68111	50	204.6	193.4	1.4	0.04	0.000*	---	3.54	1.361
24600	38047	68111	50	191.4	183.7	1.4	0.04	0.000*	---	3.38	1.046
24601	38049	68111	50	338.5	292.5	1.4	0.04	0.000*	---	5.15	7.906
24602	38050	68111	50	206.3	194.7	1.4	0.04	0.000*	---	3.56	1.405
24603	38051	68111	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
24604	38054	68111	50	96.8	113.6	1.4	0.04	0.000*	---	2.16	0.056
24605	38055	68111	50	178.6	174.2	1.4	0.04	0.000*	---	3.22	0.79
24606	38059	68111	50	208.1	196	1.4	0.04	0.000*	---	3.59	1.454
24607	38062	68111	50	200.2	190.2	1.4	0.04	0.000*	---	3.49	1.25
24608	38066	68111	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.798
24609	38068	68111	50	229	211.4	1.4	0.04	0.000*	---	3.84	2.094
24610	38080	68111	50	79.5	100.8	1.4	0.04	0.000*	---	1.93	0.024
24611	38087	68111	50	43.1	73.9	1.4	0.04	0.000*	---	1.45	0.002
24612	38099	68111	50	184	178.1	1.4	0.04	0.000*	---	3.28	0.891
24613	38103	68111	50	154.3	156.2	1.4	0.04	0.000*	---	2.91	0.429
24614	38104	68111	50	307.2	269.3	1.4	0.04	0.000*	---	4.78	5.839
24615	38112	68111	50	204.8	193.6	1.4	0.04	0.000*	---	3.54	1.367
24616	38114	68111	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.586
24617	38117	68111	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.281
24618	38121	68111	50	252.5	228.9	1.4	0.04	0.000*	---	4.13	2.997
24619	38123	68111	50	175.6	171.9	1.4	0.04	0.000*	---	3.18	0.736
24620	38134	68111	50	183.1	177.5	1.4	0.04	0.000*	---	3.27	0.874
24621	38140	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
24622	38141	68111	50	122.8	132.9	1.4	0.04	0.000*	---	2.5	0.161
24623	38142	68111	50	216.3	202	1.4	0.04	0.000*	---	3.69	1.686
24624	38144	68111	50	403.5	340.6	1.4	0.04	0.000*	---	5.9	13.05
24625	38149	68111	50	399.2	337.4	1.4	0.04	0.000*	---	5.85	12.68
24626	38150	68111	50	179.4	174.7	1.4	0.04	0.000*	---	3.23	0.804
24627	38152	68111	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.417
24628	38157	68111	50	233.4	214.7	1.4	0.04	0.000*	---	3.9	2.249
24629	38168	68111	50	207.6	195.6	1.4	0.04	0.000*	---	3.58	1.439
24630	38171	68111	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.75
24631	38172	68111	50	116.6	128.3	1.4	0.04	0.000*	---	2.42	0.128
24632	38174	68111	50	112.9	125.6	1.4	0.04	0.000*	---	2.37	0.111
24633	38175	68111	50	601.3	487	1.4	0.04	0.000*	---	8.03	32.017
24634	38177	68111	50	59.7	86.2	1.4	0.04	0.000*	---	1.67	0.007
24635	38179	68111	50	49.5	78.6	1.4	0.04	0.000*	---	1.53	0.003
24636	38181	68111	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.351
24637	38182	68111	50	65.9	90.7	1.4	0.04	0.000*	---	1.75	0.011
24638	38184	68111	50	112.2	125	1.4	0.04	0.000*	---	2.36	0.108
24639	38185	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
24640	38186	68111	50	178.6	174.1	1.4	0.04	0.000*	---	3.22	0.789
24641	38191	68111	50	127.6	136.4	1.4	0.04	0.000*	---	2.56	0.189
24642	38199	68111	50	61.8	87.7	1.4	0.04	0.000*	---	1.7	0.008
24643	38200	68111	50	88	107.1	1.4	0.04	0.000*	---	2.05	0.037

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24644	38201	68111	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
24645	38202	68111	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
24646	38206	68111	50	100.4	116.3	1.4	0.04	0.000*	---	2.21	0.066
24647	38207	68111	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.845
24648	38210	68111	50	111	124.2	1.4	0.04	0.000*	---	2.35	0.103
24649	38213	68111	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.237
24650	38214	68111	50	91.9	110	1.4	0.04	0.000*	---	2.1	0.045
24651	38216	68111	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
24652	38218	68111	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.503
24653	38221	68111	50	196	187.1	1.4	0.04	0.000*	---	3.43	1.149
24654	38222	68111	50	112.9	125.5	1.4	0.04	0.000*	---	2.37	0.111
24655	38224	68111	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.603
24656	38228	68111	50	301.5	265.1	1.4	0.04	0.000*	---	4.72	5.496
24657	38230	68111	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
24658	38231	68111	50	239.9	219.6	1.4	0.04	0.000*	---	3.98	2.49
24659	38253	68111	50	139.5	145.2	1.4	0.04	0.000*	---	2.72	0.279
24660	38254	68111	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
24661	38261	68111	50	320.8	279.4	1.4	0.04	0.000*	---	4.95	6.705
24662	38265	68111	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.934
24663	38268	68111	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
24664	38269	68111	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.606
24665	38271	68111	50	277.5	247.4	1.4	0.04	0.000*	---	4.43	4.169
24666	38274	68111	50	227.2	210.2	1.4	0.04	0.000*	---	3.82	2.035
24667	38281	68111	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
24668	38286	68111	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
24669	38291	68111	50	226.7	209.8	1.4	0.04	0.000*	---	3.81	2.017
24670	38294	68111	50	217.4	202.9	1.4	0.04	0.000*	---	3.7	1.722
24671	38300	68111	50	88.9	107.8	1.4	0.04	0.000*	---	2.06	0.038
24672	38304	68111	50	128.5	137.1	1.4	0.04	0.000*	---	2.58	0.195
24673	38316	68111	50	100.5	116.3	1.4	0.04	0.000*	---	2.21	0.066
24674	38320	68111	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
24675	38356	68111	50	92.4	110.4	1.4	0.04	0.000*	---	2.1	0.046
24676	38359	68111	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
24677	38363	68111	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
24678	38369	68111	50	198	188.5	1.4	0.04	0.000*	---	3.46	1.196
24679	38372	68111	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.585
24680	38375	68111	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.442
24681	38379	68111	50	203.9	192.9	1.4	0.04	0.000*	---	3.53	1.341
24682	38383	68111	50	496.1	409.1	1.4	0.04	0.000*	---	6.92	21.654
24683	38392	68111	50	231.4	213.2	1.4	0.04	0.000*	---	3.87	2.178
24684	38393	68111	50	241.5	220.7	1.4	0.04	0.000*	---	4	2.55
24685	38399	68111	50	371.1	316.6	1.4	0.04	0.000*	---	5.53	10.361
24686	38404	68111	50	238.9	218.8	1.4	0.04	0.000*	---	3.97	2.452
24687	38405	68111	50	242.3	221.3	1.4	0.04	0.000*	---	4.01	2.579
24688	38406	68111	50	325	282.5	1.4	0.04	0.000*	---	4.99	6.977
24689	38407	68111	50	414.5	348.7	1.4	0.04	0.000*	---	6.02	14.009
24690	38408	68111	50	212.4	199.2	1.4	0.04	0.000*	---	3.64	1.573
24691	38411	68111	50	379.5	322.8	1.4	0.04	0.000*	---	5.62	11.035
24692	38414	68111	50	142.1	147.1	1.4	0.04	0.000*	---	2.75	0.302
24693	38419	68111	50	239.6	219.3	1.4	0.04	0.000*	---	3.97	2.478
24694	38421	68111	50	298.2	262.6	1.4	0.04	0.000*	---	4.68	5.3
24695	38425	68111	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.262
24696	38426	68111	50	144.2	148.7	1.4	0.04	0.000*	---	2.78	0.322
24697	38429	68111	50	262.7	236.4	1.4	0.04	0.000*	---	4.25	3.447
24698	38437	68111	50	268.6	240.8	1.4	0.04	0.000*	---	4.32	3.726
24699	38439	68111	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
24700	38440	68111	50	239.3	219.1	1.4	0.04	0.000*	---	3.97	2.465
24701	38446	68111	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.983
24702	38449	68111	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.434
24703	38452	68111	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
24704	38456	68111	50	152.7	155	1.4	0.04	0.000*	---	2.89	0.411

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24705	38478	68111	50	220.4	205.1	1.4	0.04	0.000*	---	3.74	1.812
24706	38485	68111	50	282	250.7	1.4	0.04	0.000*	---	4.49	4.402
24707	38486	68111	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.575
24708	38489	68111	50	206	194.4	1.4	0.04	0.000*	---	3.56	1.398
24709	38492	68111	50	311.6	272.6	1.4	0.04	0.000*	---	4.84	6.114
24710	38495	68111	50	253.4	229.5	1.4	0.04	0.000*	---	4.14	3.034
24711	38500	68111	50	293.6	259.2	1.4	0.04	0.000*	---	4.62	5.036
24712	38504	68111	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
24713	38508	68111	50	141.3	146.6	1.4	0.04	0.000*	---	2.74	0.295
24714	38511	68111	50	156.3	157.6	1.4	0.04	0.000*	---	2.93	0.453
24715	38520	68111	50	323.3	281.2	1.4	0.04	0.000*	---	4.97	6.867
24716	38522	68111	50	286.4	253.9	1.4	0.04	0.000*	---	4.54	4.638
24717	38524	68111	50	361.8	309.7	1.4	0.04	0.000*	---	5.42	9.631
24718	38525	68111	50	319	278.1	1.4	0.04	0.000*	---	4.92	6.586
24719	38527	68111	50	161	161.2	1.4	0.04	0.000*	---	2.99	0.514
24720	38528	68111	50	437	365.4	1.4	0.04	0.000*	---	6.27	16.035
24721	38530	68111	50	491.8	406	1.4	0.04	0.000*	---	6.87	21.238
24722	38536	68111	50	196	187.1	1.4	0.04	0.000*	---	3.44	1.15
24723	38543	68111	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.576
24724	38546	68111	50	394	333.6	1.4	0.04	0.000*	---	5.79	12.24
24725	38551	68111	50	380.6	323.6	1.4	0.04	0.000*	---	5.64	11.123
24726	38568	68111	50	255.6	231.1	1.4	0.04	0.000*	---	4.17	3.129
24727	38572	68111	50	662.5	532.3	1.4	0.04	0.000*	---	8.65	37.893
24728	38581	68111	50	238.9	218.8	1.4	0.04	0.000*	---	3.96	2.451
24729	38582	68111	50	372.3	317.5	1.4	0.04	0.000*	---	5.54	10.459
24730	38585	68111	50	137.3	143.6	1.4	0.04	0.000*	---	2.69	0.26
24731	38587	68111	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.406
24732	38592	68111	50	300.6	264.5	1.4	0.04	0.000*	---	4.71	5.445
24733	38593	68111	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
24734	38607	68111	50	144.7	149.1	1.4	0.04	0.000*	---	2.79	0.327
24735	38613	68111	50	174.7	171.3	1.4	0.04	0.000*	---	3.17	0.722
24736	38615	68111	50	325	282.5	1.4	0.04	0.000*	---	4.99	6.978
24737	38618	68111	50	204	193	1.4	0.04	0.000*	---	3.53	1.345
24738	38619	68111	50	457.6	380.6	1.4	0.04	0.000*	---	6.5	17.956
24739	38621	68111	50	290.5	257	1.4	0.04	0.000*	---	4.59	4.864
24740	38623	68111	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.758
24741	38627	68111	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
24742	38632	68111	50	187.3	180.6	1.4	0.04	0.000*	---	3.33	0.958
24743	38639	68111	50	275.5	245.9	1.4	0.04	0.000*	---	4.41	4.068
24744	38645	68111	50	275.1	245.6	1.4	0.04	0.000*	---	4.4	4.047
24745	38648	68111	50	290	256.6	1.4	0.04	0.000*	---	4.58	4.835
24746	38652	68111	50	230.2	212.4	1.4	0.04	0.000*	---	3.86	2.136
24747	38653	68111	50	386.4	327.9	1.4	0.04	0.000*	---	5.7	11.599
24748	38660	68111	50	275.5	245.9	1.4	0.04	0.000*	---	4.41	4.065
24749	38682	68111	50	471.4	390.8	1.4	0.04	0.000*	---	6.65	19.266
24750	38700	68111	50	470.5	390.2	1.4	0.04	0.000*	---	6.64	19.182
24751	38706	68111	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.675
24752	38708	68111	50	188.6	181.6	1.4	0.04	0.000*	---	3.34	0.986
24753	38709	68111	50	648.1	521.6	1.4	0.04	0.000*	---	8.51	36.534
24754	38713	68111	50	265.6	238.6	1.4	0.04	0.000*	---	4.29	3.584
24755	38715	68111	50	213.8	200.2	1.4	0.04	0.000*	---	3.66	1.614
24756	38716	68111	50	191.9	184	1.4	0.04	0.000*	---	3.38	1.057
24757	38718	68111	50	402.3	339.7	1.4	0.04	0.000*	---	5.88	12.948
24758	38721	68111	50	223.4	207.4	1.4	0.04	0.000*	---	3.77	1.91
24759	38724	68111	50	97.2	113.9	1.4	0.04	0.000*	---	2.17	0.057
24760	38726	68111	50	422.3	354.5	1.4	0.04	0.000*	---	6.11	14.706
24761	38729	68111	50	245.5	223.7	1.4	0.04	0.000*	---	4.04	2.706
24762	38731	68111	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.267
24763	38735	68111	50	141.4	146.6	1.4	0.04	0.000*	---	2.74	0.295
24764	38737	68111	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.42
24765	38744	68111	50	154.9	156.6	1.4	0.04	0.000*	---	2.92	0.436

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24766	38746	68111	50	182.8	177.3	1.4	0.04	0.000*	---	3.27	0.868
24767	38754	68111	50	156.3	157.7	1.4	0.04	0.000*	---	2.93	0.454
24768	38759	68111	50	260.2	234.5	1.4	0.04	0.000*	---	4.22	3.333
24769	38760	68111	50	192.2	184.3	1.4	0.04	0.000*	---	3.39	1.064
24770	38762	68111	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.679
24771	38767	68111	50	401.7	339.3	1.4	0.04	0.000*	---	5.88	12.899
24772	38769	68111	50	224	207.7	1.4	0.04	0.000*	---	3.78	1.927
24773	38775	68111	50	902.8	710	1.4	0.04	0.000*	---	10.95	57.655
24774	38776	68111	50	298	262.5	1.4	0.04	0.000*	---	4.68	5.288
24775	38780	68111	50	156.6	157.9	1.4	0.04	0.000*	---	2.94	0.458
24776	38781	68111	50	549.8	448.9	1.4	0.04	0.000*	---	7.49	26.944
24777	38783	68111	50	372.2	317.4	1.4	0.04	0.000*	---	5.54	10.447
24778	38784	68111	50	431.4	361.2	1.4	0.04	0.000*	---	6.21	15.524
24779	38786	68111	50	169.7	167.6	1.4	0.04	0.000*	---	3.1	0.64
24780	38789	68111	50	420.3	353	1.4	0.04	0.000*	---	6.08	14.524
24781	38792	68111	50	383.6	325.9	1.4	0.04	0.000*	---	5.67	11.372
24782	38805	68111	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.416
24783	38809	68111	50	167.9	166.3	1.4	0.04	0.000*	---	3.08	0.612
24784	38816	68111	50	329.9	286.1	1.4	0.04	0.000*	---	5.05	7.308
24785	38819	68111	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.828
24786	38822	68111	50	264	237.4	1.4	0.04	0.000*	---	4.27	3.509
24787	38825	68111	50	218.6	203.7	1.4	0.04	0.000*	---	3.71	1.756
24788	38831	68111	50	190.7	183.1	1.4	0.04	0.000*	---	3.37	1.03
24789	38836	68111	50	221.8	206.1	1.4	0.04	0.000*	---	3.75	1.855
24790	38842	68111	50	215.6	201.6	1.4	0.04	0.000*	---	3.68	1.667
24791	38845	68111	50	324.8	282.3	1.4	0.04	0.000*	---	4.99	6.967
24792	38848	68111	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
24793	38849	68111	50	139.4	145.1	1.4	0.04	0.000*	---	2.72	0.278
24794	38857	68111	50	188	181.1	1.4	0.04	0.000*	---	3.33	0.972
24795	38859	68111	50	364.5	311.7	1.4	0.04	0.000*	---	5.45	9.842
24796	38862	68111	50	119.8	130.6	1.4	0.04	0.000*	---	2.46	0.144
24797	38864	68111	50	180.1	175.3	1.4	0.04	0.000*	---	3.24	0.818
24798	38866	68111	50	509.9	419.4	1.4	0.04	0.000*	---	7.07	23.007
24799	38867	68111	50	854.6	674.4	1.4	0.04	0.000*	---	10.51	54.186
24800	38874	68111	50	294.2	259.7	1.4	0.04	0.000*	---	4.63	5.073
24801	38881	68111	50	305.5	268.1	1.4	0.04	0.000*	---	4.76	5.736
24802	38884	68111	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.963
24803	38886	68111	50	203.2	192.4	1.4	0.04	0.000*	---	3.52	1.326
24804	38891	68111	50	417.3	350.8	1.4	0.04	0.000*	---	6.05	14.254
24805	38895	68111	50	139.4	145.2	1.4	0.04	0.000*	---	2.72	0.279
24806	38899	68111	50	335.5	290.2	1.4	0.04	0.000*	---	5.12	7.696
24807	38903	68111	50	423.7	355.5	1.4	0.04	0.000*	---	6.12	14.83
24808	38908	68111	50	333.3	288.6	1.4	0.04	0.000*	---	5.09	7.544
24809	38914	68111	50	304.8	267.5	1.4	0.04	0.000*	---	4.76	5.692
24810	38915	68111	50	138.5	144.5	1.4	0.04	0.000*	---	2.71	0.271
24811	38930	68111	50	117.1	128.6	1.4	0.04	0.000*	---	2.43	0.13
24812	49155	68111	50	352	302.5	1.4	0.04	0.000*	---	5.31	8.888
24813	49162	68111	50	201.7	191.3	1.4	0.04	0.000*	---	3.51	1.287
24814	49163	68111	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.76
24815	49168	68111	50	78.8	100.3	1.4	0.04	0.000*	---	1.93	0.023
24816	49169	68111	50	172.2	169.5	1.4	0.04	0.000*	---	3.14	0.681
24817	49203	68111	50	341.9	295	1.4	0.04	0.000*	---	5.19	8.153
24818	49238	68111	50	149	152.3	1.4	0.04	0.000*	---	2.84	0.37
24819	49311	68111	50	159.5	160	1.4	0.04	0.000*	---	2.97	0.494
24820	49312	68111	50	232.9	214.3	1.4	0.04	0.000*	---	3.89	2.23
24821	49313	68111	50	303.1	266.3	1.4	0.04	0.000*	---	4.74	5.593
24822	49314	68111	50	264.3	237.6	1.4	0.04	0.000*	---	4.27	3.52
24823	49316	68111	50	88.8	107.7	1.4	0.04	0.000*	---	2.06	0.038
24824	49319	68111	50	294.4	259.8	1.4	0.04	0.000*	---	4.63	5.081
24825	49321	68111	50	46.2	76.2	1.4	0.04	0.000*	---	1.49	0.003
24826	49322	68111	50	166.4	165.1	1.4	0.04	0.000*	---	3.06	0.59

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24827	49323	68111	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
24828	49324	68111	50	42.1	73.1	1.4	0.04	0.000*	---	1.43	0.002
24829	49325	68111	50	230.9	212.9	1.4	0.04	0.000*	---	3.87	2.161
24830	49326	68111	50	653	525.2	1.4	0.04	0.000*	---	8.55	36.992
24831	49327	68111	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.655
24832	49328	68111	50	200.9	190.7	1.4	0.04	0.000*	---	3.5	1.268
24833	49340	68111	50	58.9	85.6	1.4	0.04	0.000*	---	1.66	0.007
24834	49341	68111	50	28.3	63	1.4	0.04	0.000*	---	1.24	0
24835	49345	68111	50	79.6	100.9	1.4	0.04	0.000*	---	1.93	0.024
24836	49352	68111	50	366	312.8	1.4	0.04	0.000*	---	5.47	9.961
24837	49353	68111	50	102.8	118.1	1.4	0.04	0.000*	---	2.24	0.073
24838	49354	68111	50	351.3	302	1.4	0.04	0.000*	---	5.3	8.839
24839	50001	68111	50	90.8	109.2	1.4	0.04	0.000*	---	2.08	0.042
24840	50002	68111	50	152.6	154.9	1.4	0.04	0.000*	---	2.89	0.41
24841	50003	68111	50	126.7	135.7	1.4	0.04	0.000*	---	2.55	0.184
24842	50004	68111	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
24843	50006	68111	50	95.6	112.8	1.4	0.04	0.000*	---	2.15	0.053
24844	50010	68111	50	74.5	97.2	1.4	0.04	0.000*	---	1.87	0.018
24845	50013	68111	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
24846	50014	68111	50	187.3	180.6	1.4	0.04	0.000*	---	3.33	0.958
24847	50015	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
24848	50016	68111	50	100.7	116.5	1.4	0.04	0.000*	---	2.21	0.067
24849	50017	68111	50	296.8	261.6	1.4	0.04	0.000*	---	4.66	5.219
24850	50018	68111	50	149.6	152.7	1.4	0.04	0.000*	---	2.85	0.377
24851	50019	68111	50	212.9	199.6	1.4	0.04	0.000*	---	3.65	1.589
24852	50020	68111	50	140.2	145.8	1.4	0.04	0.000*	---	2.73	0.286
24853	50021	68111	50	138.1	144.2	1.4	0.04	0.000*	---	2.7	0.267
24854	50022	68111	50	152.6	154.9	1.4	0.04	0.000*	---	2.89	0.41
24855	50023	68111	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
24856	50024	68111	50	171	168.5	1.4	0.04	0.000*	---	3.12	0.66
24857	50025	68111	50	88.7	107.6	1.4	0.04	0.000*	---	2.06	0.038
24858	50026	68111	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.294
24859	50027	68111	50	111.6	124.6	1.4	0.04	0.000*	---	2.36	0.105
24860	50028	68111	50	87.3	106.6	1.4	0.04	0.000*	---	2.04	0.036
24861	50029	68111	50	124.3	133.9	1.4	0.04	0.000*	---	2.52	0.169
24862	50030	68111	50	135.9	142.6	1.4	0.04	0.000*	---	2.67	0.249
24863	50033	68111	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.324
24864	50035	68111	50	155.7	157.2	1.4	0.04	0.000*	---	2.93	0.446
24865	50038	68111	50	356.1	305.5	1.4	0.04	0.000*	---	5.36	9.199
24866	50040	68111	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.842
24867	50041	68111	50	75.7	98	1.4	0.04	0.000*	---	1.88	0.019
24868	50042	68111	50	51.3	79.9	1.4	0.04	0.000*	---	1.56	0.004
24869	50043	68111	50	79.6	100.9	1.4	0.04	0.000*	---	1.94	0.024
24870	50044	68111	50	56.4	83.7	1.4	0.04	0.000*	---	1.62	0.006
24871	50045	68111	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
24872	50046	68111	50	39.5	71.2	1.4	0.04	0.000*	---	1.4	0.001
24873	50047	68111	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
24874	50048	68111	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
24875	50049	68111	50	37.6	69.8	1.4	0.04	0.000*	---	1.37	0.001
24876	50050	68111	50	60.9	87.1	1.4	0.04	0.000*	---	1.69	0.008
24877	50051	68111	50	54	81.9	1.4	0.04	0.000*	---	1.59	0.005
24878	50052	68111	50	60	86.4	1.4	0.04	0.000*	---	1.67	0.007
24879	50053	68111	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
24880	50054	68111	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
24881	50055	68111	50	57.6	84.6	1.4	0.04	0.000*	---	1.64	0.006
24882	50056	68111	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
24883	50057	68111	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
24884	50058	68111	50	65.2	90.2	1.4	0.04	0.000*	---	1.74	0.01
24885	50059	68111	50	54	81.9	1.4	0.04	0.000*	---	1.59	0.005
24886	50060	68111	50	52.5	80.8	1.4	0.04	0.000*	---	1.57	0.004
24887	50061	68111	50	70.6	94.2	1.4	0.04	0.000*	---	1.81	0.014

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24888	50062	68111	50	121.8	132.2	1.4	0.04	0.000*	---	2.49	0.155
24889	50063	68111	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
24890	50064	68111	50	67.6	92	1.4	0.04	0.000*	---	1.77	0.012
24891	50065	68111	50	38.9	70.8	1.4	0.04	0.000*	---	1.39	0.001
24892	50066	68111	50	42.2	73.3	1.4	0.04	0.000*	---	1.43	0.002
24893	50067	68111	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
24894	50068	68111	50	55.5	83.1	1.4	0.04	0.000*	---	1.61	0.005
24895	50069	68111	50	116.7	128.4	1.4	0.04	0.000*	---	2.42	0.128
24896	50071	68111	50	64.8	90	1.4	0.04	0.000*	---	1.74	0.01
24897	50072	68111	50	37.2	69.5	1.4	0.04	0.000*	---	1.37	0.001
24898	50073	68111	50	38	70.1	1.4	0.04	0.000*	---	1.38	0.001
24899	50074	68111	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
24900	50075	68111	50	116	127.9	1.4	0.04	0.000*	---	2.41	0.125
24901	50076	68111	50	104.7	119.4	1.4	0.04	0.000*	---	2.27	0.079
24902	50077	68111	50	89.6	108.3	1.4	0.04	0.000*	---	2.07	0.04
24903	50078	68111	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
24904	50079	68111	50	106.8	121	1.4	0.04	0.000*	---	2.29	0.087
24905	50080	68111	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
24906	50081	68111	50	65.4	90.4	1.4	0.04	0.000*	---	1.75	0.01
24907	50082	68111	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
24908	50083	68111	50	75.8	98.1	1.4	0.04	0.000*	---	1.88	0.019
24909	50084	68111	50	95.7	112.8	1.4	0.04	0.000*	---	2.15	0.053
24910	50085	68111	50	59.6	86.1	1.4	0.04	0.000*	---	1.67	0.007
24911	50086	68111	50	49.8	78.8	1.4	0.04	0.000*	---	1.54	0.003
24912	50087	68111	50	82.3	102.9	1.4	0.04	0.000*	---	1.97	0.028
24913	50088	68111	50	58.8	85.5	1.4	0.04	0.000*	---	1.66	0.007
24914	50089	68111	50	63	88.7	1.4	0.04	0.000*	---	1.71	0.009
24915	50090	68111	50	68.2	92.4	1.4	0.04	0.000*	---	1.78	0.012
24916	50092	68111	50	45.2	75.5	1.4	0.04	0.000*	---	1.47	0.002
24917	50093	68111	50	60.9	87.1	1.4	0.04	0.000*	---	1.69	0.008
24918	50094	68111	50	64.2	89.5	1.4	0.04	0.000*	---	1.73	0.009
24919	50095	68111	50	118.2	129.5	1.4	0.04	0.000*	---	2.44	0.136
24920	50096	68111	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.08
24921	50097	68111	50	178.5	174.1	1.4	0.04	0.000*	---	3.21	0.788
24922	50098	68111	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
24923	50099	68111	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.472
24924	50100	68111	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
24925	50101	68111	50	48.9	78.2	1.4	0.04	0.000*	---	1.52	0.003
24926	50102	68111	50	174.4	171.1	1.4	0.04	0.000*	---	3.16	0.717
24927	50103	68111	50	189.5	182.2	1.4	0.04	0.000*	---	3.35	1.004
24928	50104	68111	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.394
24929	50105	68111	50	147.1	150.9	1.4	0.04	0.000*	---	2.82	0.35
24930	50106	68111	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
24931	50107	68111	50	82.4	103	1.4	0.04	0.000*	---	1.97	0.028
24932	50108	68111	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
24933	50109	68111	50	110.2	123.5	1.4	0.04	0.000*	---	2.34	0.099
24934	50110	68111	50	70.9	94.4	1.4	0.04	0.000*	---	1.82	0.014
24935	50111	68111	50	270.1	241.8	1.4	0.04	0.000*	---	4.34	3.796
24936	50112	68111	50	65.5	90.5	1.4	0.04	0.000*	---	1.75	0.01
24937	50113	68111	50	97.7	114.3	1.4	0.04	0.000*	---	2.17	0.058
24938	50114	68111	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.182
24939	50115	68111	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
24940	50116	68111	50	60.5	86.8	1.4	0.04	0.000*	---	1.68	0.007
24941	50117	68111	50	61.8	87.8	1.4	0.04	0.000*	---	1.7	0.008
24942	50118	68111	50	126.2	135.4	1.4	0.04	0.000*	---	2.55	0.181
24943	50119	68111	50	49.3	78.5	1.4	0.04	0.000*	---	1.53	0.003
24944	50120	68111	50	108.4	122.2	1.4	0.04	0.000*	---	2.32	0.093
24945	50121	68111	50	296.3	261.2	1.4	0.04	0.000*	---	4.66	5.191
24946	50122	68111	50	112.9	125.6	1.4	0.04	0.000*	---	2.37	0.111
24947	50123	68111	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
24948	50124	68111	50	75.9	98.2	1.4	0.04	0.000*	---	1.89	0.019

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
24949	50125	68111	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
24950	50126	68111	50	71.4	94.8	1.4	0.04	0.000*	---	1.83	0.015
24951	50127	68111	50	192.2	184.2	1.4	0.04	0.000*	---	3.39	1.062
24952	50128	68111	50	157.2	158.3	1.4	0.04	0.000*	---	2.94	0.464
24953	50129	68111	50	222.1	206.4	1.4	0.04	0.000*	---	3.76	1.867
24954	50130	68111	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.318
24955	50131	68111	50	215.7	201.6	1.4	0.04	0.000*	---	3.68	1.671
24956	50132	68111	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.041
24957	50133	68111	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.799
24958	50145	68111	50	59	85.6	1.4	0.04	0.000*	---	1.66	0.007
24959	50146	68111	50	52	80.5	1.4	0.04	0.000*	---	1.57	0.004
24960	50148	68111	50	76.3	98.5	1.4	0.04	0.000*	---	1.89	0.02
24961	50149	68111	50	65.1	90.2	1.4	0.04	0.000*	---	1.74	0.01
24962	50150	68111	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
24963	50151	68111	50	62.5	88.3	1.4	0.04	0.000*	---	1.71	0.008
24964	50152	68111	50	89.9	108.6	1.4	0.04	0.000*	---	2.07	0.041
24965	50355	68111	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.034
24966	50356	68111	50	148.6	152	1.4	0.04	0.000*	---	2.84	0.367
24967	50363	68111	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
24968	50364	68111	50	107.4	121.5	1.4	0.04	0.000*	---	2.3	0.089
24969	50369	68111	50	100.6	116.5	1.4	0.04	0.000*	---	2.21	0.067
24970	50378	68111	50	199.8	189.9	1.4	0.04	0.000*	---	3.48	1.24
24971	50383	68111	50	158.4	159.2	1.4	0.04	0.000*	---	2.96	0.479
24972	50384	68111	50	197.9	188.5	1.4	0.04	0.000*	---	3.46	1.195
24973	50391	68111	50	168.3	166.5	1.4	0.04	0.000*	---	3.09	0.618
24974	50393	68111	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.231
24975	50397	68111	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.531
24976	50398	68111	50	151.9	154.4	1.4	0.04	0.000*	---	2.88	0.401
24977	50399	68111	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.065
24978	50402	68111	50	100.3	116.2	1.4	0.04	0.000*	---	2.21	0.066
24979	50403	68111	50	140.1	145.7	1.4	0.04	0.000*	---	2.73	0.285
24980	50404	68111	50	100.3	116.2	1.4	0.04	0.000*	---	2.21	0.066
24981	50405	68111	50	173	170	1.4	0.04	0.000*	---	3.15	0.693
24982	50406	68111	50	90.5	108.9	1.4	0.04	0.000*	---	2.08	0.042
24983	50407	68111	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
24984	50408	68111	50	112.8	125.5	1.4	0.04	0.000*	---	2.37	0.11
24985	50409	68111	50	107.1	121.2	1.4	0.04	0.000*	---	2.3	0.088
24986	50410	68111	50	100.6	116.4	1.4	0.04	0.000*	---	2.21	0.066
24987	50411	68111	50	70.2	94	1.4	0.04	0.000*	---	1.81	0.014
24988	50412	68111	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
24989	50413	68111	50	109.5	123	1.4	0.04	0.000*	---	2.33	0.097
24990	50414	68111	50	84.2	104.3	1.4	0.04	0.000*	---	2	0.03
24991	50415	68111	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
24992	50416	68111	50	124.9	134.4	1.4	0.04	0.000*	---	2.53	0.173
24993	50417	68111	50	94.4	111.8	1.4	0.04	0.000*	---	2.13	0.05
24994	50418	68111	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
24995	50419	68111	50	97	113.8	1.4	0.04	0.000*	---	2.17	0.057
24996	50424	68111	50	108.2	122.1	1.4	0.04	0.000*	---	2.31	0.092
24997	50428	68111	50	129.7	137.9	1.4	0.04	0.000*	---	2.59	0.203
24998	50431	68111	50	119.1	130.1	1.4	0.04	0.000*	---	2.45	0.14
24999	50432	68111	50	122.6	132.7	1.4	0.04	0.000*	---	2.5	0.159
25000	50434	68111	50	80.5	101.6	1.4	0.04	0.000*	---	1.95	0.025
25001	50435	68111	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
25002	50442	68111	50	302.5	265.8	1.4	0.04	0.000*	---	4.73	5.555
25003	50447	68111	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.449
25004	50475	68111	50	113.2	125.7	1.4	0.04	0.000*	---	2.38	0.112
25005	50502	68111	50	290	256.6	1.4	0.04	0.000*	---	4.58	4.833
25006	50507	68111	50	253.9	229.9	1.4	0.04	0.000*	---	4.15	3.055
25007	50519	68111	50	89.3	108.1	1.4	0.04	0.000*	---	2.06	0.039
25008	50564	68111	50	20.8	57.4	1.4	0.04	0.000*	---	1.14	0
25009	50612	68111	50	117.7	129.1	1.4	0.04	0.000*	---	2.44	0.133

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25010	50650	68111	50	121.6	131.9	1.4	0.04	0.000*	---	2.49	0.153
25011	52413	68111	50	145.7	149.8	1.4	0.04	0.000*	---	2.8	0.336
25012	57755	68111	50	266.6	239.3	1.4	0.04	0.000*	---	4.3	3.63
25013	57756	68111	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.323
25014	58433	68111	50	31.7	65.4	1.4	0.04	0.000*	---	1.29	0.001
25015	58439	68111	50	3890	2920.6	1.4	0.04	0.000*	---	29.37	98.906
25016	61621	68111	50	130.6	138.7	1.4	0.04	0.000*	---	2.6	0.21
25017	63239	68111	50	97.2	113.9	1.4	0.04	0.000*	---	2.17	0.057
25018	63248	68111	50	48.3	77.7	1.4	0.04	0.000*	---	1.52	0.003
25019	63640	68111	50	304	267	1.4	0.04	0.000*	---	4.75	5.647
25020	63736	68111	50	165.3	164.3	1.4	0.04	0.000*	---	3.05	0.573
25021	63751	68111	50	88.4	107.5	1.4	0.04	0.000*	---	2.05	0.038
25022	63752	68111	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
25023	64031	68111	50	628.9	507.4	1.4	0.04	0.000*	---	8.31	34.697
25024	65483	68111	50	110.1	123.5	1.4	0.04	0.000*	---	2.34	0.099
25025	68066	68111	50	46.8	76.6	1.4	0.04	0.000*	---	1.49	0.003
25026	68067	68111	50	82.8	103.3	1.4	0.04	0.000*	---	1.98	0.028
25027	68070	68111	50	279.4	248.7	1.4	0.04	0.000*	---	4.45	4.264
25028	68498	68111	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
25029	68686	68111	50	118.5	129.7	1.4	0.04	0.000*	---	2.45	0.137
25030	68689	68111	50	62.7	88.4	1.4	0.04	0.000*	---	1.71	0.009
25031	68930	68111	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.293
25032	73737	68111	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.171
25033	73862	68111	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
25034	73865	68111	50	111.3	124.3	1.4	0.04	0.000*	---	2.35	0.104
25035	74264	68111	50	163.5	163	1.4	0.04	0.000*	---	3.02	0.548
25036	74664	68111	50	284.2	252.3	1.4	0.04	0.000*	---	4.51	4.519
25037	74834	68111	50	192.1	184.2	1.4	0.04	0.000*	---	3.39	1.061
25038	74835	68111	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.743
25039	74839	68111	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
25040	74841	68111	50	180.1	175.2	1.4	0.04	0.000*	---	3.23	0.817
25041	75011	68111	50	371.9	317.2	1.4	0.04	0.000*	---	5.54	10.423
25042	75648	68111	50	15.1	53.2	1.4	0.04	0.000*	---	1.06	0
25043	77146	68111	50	241.2	220.5	1.4	0.04	0.000*	---	3.99	2.537
25044	77760	68111	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.623
25045	79655	68111	50	356.8	306	1.4	0.04	0.000*	---	5.36	9.252
25046	79703	68111	50	284.3	252.4	1.4	0.04	0.000*	---	4.51	4.524
25047	79704	68111	50	319.5	278.4	1.4	0.04	0.000*	---	4.93	6.619
25048	82429	68111	50	394.2	333.7	1.4	0.04	0.000*	---	5.79	12.255
25049	82430	68111	50	463.9	385.3	1.4	0.04	0.000*	---	6.57	18.548
25050	83717	68111	50	86.3	105.8	1.4	0.04	0.000*	---	2.02	0.034
25051	86655	68111	50	43.4	74.1	1.4	0.04	0.000*	---	1.45	0.002
25052	87599	68111	50	188.2	181.3	1.4	0.04	0.000*	---	3.34	0.977
25053	87761	68111	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.216
25054	87901	68111	50	115.8	127.7	1.4	0.04	0.000*	---	2.41	0.124
25055	89447	68111	50	263.9	237.3	1.4	0.04	0.000*	---	4.27	3.503
25056	89598	68111	50	720.8	575.4	1.4	0.04	0.000*	---	9.23	43.229
25057	89835	68111	50	73.6	96.5	1.4	0.04	0.000*	---	1.86	0.017
25058	89893	68111	50	302.3	265.7	1.4	0.04	0.000*	---	4.73	5.542
25059	89895	68111	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.743
25060	89996	68111	50	462	383.9	1.4	0.04	0.000*	---	6.55	18.376
25061	90022	68111	50	179.4	174.8	1.4	0.04	0.000*	---	3.23	0.805
25062	90023	68111	50	238.6	218.5	1.4	0.04	0.000*	---	3.96	2.438
25063	90107	68111	50	92	110.1	1.4	0.04	0.000*	---	2.1	0.045
25064	90373	68111	50	67.6	92	1.4	0.04	0.000*	---	1.77	0.012
25065	90374	68111	50	63	88.6	1.4	0.04	0.000*	---	1.71	0.009
25066	90375	68111	50	82.6	103.2	1.4	0.04	0.000*	---	1.98	0.028
25067	90528	68111	50	124.6	134.2	1.4	0.04	0.000*	---	2.53	0.171
25068	90975	68111	50	175.8	172.1	1.4	0.04	0.000*	---	3.18	0.741
25069	91234	68111	50	166.7	165.3	1.4	0.04	0.000*	---	3.07	0.594
25070	91331	68111	50	364.6	311.8	1.4	0.04	0.000*	---	5.45	9.854

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25071	91335	68111	50	190.6	183	1.4	0.04	0.000*	---	3.37	1.027
25072	91416	68111	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.164
25073	91926	68111	50	64	89.3	1.4	0.04	0.000*	---	1.73	0.009
25074	91927	68111	50	35	67.9	1.4	0.04	0.000*	---	1.34	0.001
25075	562	68112	50	156.2	157.6	1.4	0.04	0.000*	---	2.93	0.452
25076	2269	68112	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.947
25077	3113	68112	50	249.6	226.7	1.4	0.04	0.000*	---	4.1	2.875
25078	5328	68112	50	319.4	278.4	1.4	0.04	0.000*	---	4.93	6.611
25079	39713	68112	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.574
25080	39714	68112	50	357.1	306.3	1.4	0.04	0.000*	---	5.37	9.274
25081	39715	68112	50	473.8	392.6	1.4	0.04	0.000*	---	6.68	19.498
25082	39717	68112	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.177
25083	39722	68112	50	235.1	216	1.4	0.04	0.000*	---	3.92	2.31
25084	39729	68112	50	86.1	105.7	1.4	0.04	0.000*	---	2.02	0.034
25085	39737	68112	50	113.8	126.3	1.4	0.04	0.000*	---	2.39	0.115
25086	39740	68112	50	440.5	368	1.4	0.04	0.000*	---	6.31	16.361
25087	39744	68112	50	319.6	278.5	1.4	0.04	0.000*	---	4.93	6.628
25088	39746	68112	50	407.1	343.3	1.4	0.04	0.000*	---	5.94	13.364
25089	39750	68112	50	146.1	150.1	1.4	0.04	0.000*	---	2.8	0.341
25090	39751	68112	50	91.8	109.9	1.4	0.04	0.000*	---	2.1	0.044
25091	39752	68112	50	408.4	344.2	1.4	0.04	0.000*	---	5.95	13.475
25092	39755	68112	50	167.5	166	1.4	0.04	0.000*	---	3.08	0.607
25093	39761	68112	50	259	233.7	1.4	0.04	0.000*	---	4.21	3.279
25094	39765	68112	50	378.3	322	1.4	0.04	0.000*	---	5.61	10.941
25095	39775	68112	50	126.5	135.6	1.4	0.04	0.000*	---	2.55	0.183
25096	39786	68112	50	301.8	265.3	1.4	0.04	0.000*	---	4.72	5.513
25097	39809	68112	50	374.2	318.9	1.4	0.04	0.000*	---	5.56	10.612
25098	39812	68112	50	331.5	287.3	1.4	0.04	0.000*	---	5.07	7.421
25099	39820	68112	50	274.3	245	1.4	0.04	0.000*	---	4.39	4.006
25100	39822	68112	50	386.3	327.9	1.4	0.04	0.000*	---	5.7	11.594
25101	39823	68112	50	266.7	239.3	1.4	0.04	0.000*	---	4.3	3.633
25102	39829	68112	50	399.5	337.6	1.4	0.04	0.000*	---	5.85	12.704
25103	39834	68112	50	317.1	276.7	1.4	0.04	0.000*	---	4.9	6.463
25104	39840	68112	50	401.6	339.1	1.4	0.04	0.000*	---	5.87	12.883
25105	39845	68112	50	207.1	195.3	1.4	0.04	0.000*	---	3.57	1.427
25106	39846	68112	50	138.3	144.3	1.4	0.04	0.000*	---	2.7	0.268
25107	39874	68112	50	251.6	228.2	1.4	0.04	0.000*	---	4.12	2.958
25108	39924	68112	50	269.9	241.7	1.4	0.04	0.000*	---	4.34	3.787
25109	39928	68112	50	290.1	256.7	1.4	0.04	0.000*	---	4.58	4.844
25110	39931	68112	50	289.4	256.1	1.4	0.04	0.000*	---	4.57	4.802
25111	39937	68112	50	250.6	227.4	1.4	0.04	0.000*	---	4.11	2.915
25112	39941	68112	50	172	169.3	1.4	0.04	0.000*	---	3.13	0.676
25113	39945	68112	50	262.4	236.2	1.4	0.04	0.000*	---	4.25	3.435
25114	39951	68112	50	456.3	379.7	1.4	0.04	0.000*	---	6.48	17.836
25115	39957	68112	50	152.1	154.6	1.4	0.04	0.000*	---	2.88	0.405
25116	39961	68112	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.282
25117	39965	68112	50	292	258	1.4	0.04	0.000*	---	4.6	4.945
25118	39968	68112	50	289.9	256.5	1.4	0.04	0.000*	---	4.58	4.828
25119	39970	68112	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.422
25120	39983	68112	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
25121	39988	68112	50	271.1	242.6	1.4	0.04	0.000*	---	4.35	3.847
25122	39991	68112	50	304.1	267	1.4	0.04	0.000*	---	4.75	5.65
25123	39998	68112	50	339.2	293	1.4	0.04	0.000*	---	5.16	7.961
25124	40016	68112	50	599	485.3	1.4	0.04	0.000*	---	8	31.794
25125	40027	68112	50	406.5	342.8	1.4	0.04	0.000*	---	5.93	13.313
25126	40040	68112	50	444.4	370.9	1.4	0.04	0.000*	---	6.35	16.723
25127	40046	68112	50	284.8	252.8	1.4	0.04	0.000*	---	4.52	4.553
25128	40058	68112	50	128.7	137.2	1.4	0.04	0.000*	---	2.58	0.197
25129	40072	68112	50	183.3	177.6	1.4	0.04	0.000*	---	3.28	0.877
25130	40077	68112	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
25131	40079	68112	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.48

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25132	40082	68112	50	213.7	200.2	1.4	0.04	0.000*	---	3.66	1.612
25133	40087	68112	50	490.9	405.2	1.4	0.04	0.000*	---	6.86	21.142
25134	40094	68112	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.162
25135	40135	68112	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
25136	40141	68112	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.96
25137	40144	68112	50	259.5	234.1	1.4	0.04	0.000*	---	4.22	3.304
25138	40150	68112	50	151.8	154.3	1.4	0.04	0.000*	---	2.88	0.4
25139	40159	68112	50	173.8	170.6	1.4	0.04	0.000*	---	3.16	0.707
25140	40164	68112	50	272.3	243.5	1.4	0.04	0.000*	---	4.37	3.904
25141	40174	68112	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.877
25142	40184	68112	50	407.1	343.2	1.4	0.04	0.000*	---	5.94	13.359
25143	40186	68112	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.325
25144	40190	68112	50	195.3	186.6	1.4	0.04	0.000*	---	3.43	1.134
25145	40192	68112	50	109.2	122.8	1.4	0.04	0.000*	---	2.33	0.096
25146	40194	68112	50	445.1	371.4	1.4	0.04	0.000*	---	6.36	16.784
25147	40196	68112	50	153.7	155.7	1.4	0.04	0.000*	---	2.9	0.422
25148	40205	68112	50	186.7	180.1	1.4	0.04	0.000*	---	3.32	0.946
25149	40206	68112	50	289.2	256	1.4	0.04	0.000*	---	4.57	4.79
25150	40217	68112	50	449.9	374.9	1.4	0.04	0.000*	---	6.41	17.232
25151	40240	68112	50	175.5	171.9	1.4	0.04	0.000*	---	3.18	0.735
25152	40247	68112	50	176.4	172.6	1.4	0.04	0.000*	---	3.19	0.752
25153	40253	68112	50	193.4	185.1	1.4	0.04	0.000*	---	3.4	1.088
25154	40268	68112	50	101.4	117	1.4	0.04	0.000*	---	2.22	0.069
25155	40277	68112	50	149	152.2	1.4	0.04	0.000*	---	2.84	0.37
25156	40299	68112	50	945.6	741.7	1.4	0.04	0.000*	---	11.34	60.527
25157	40311	68112	50	223	207	1.4	0.04	0.000*	---	3.77	1.894
25158	40317	68112	50	206.1	194.5	1.4	0.04	0.000*	---	3.56	1.4
25159	40324	68112	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.022
25160	40332	68112	50	127	136	1.4	0.04	0.000*	---	2.56	0.186
25161	40361	68112	50	318.1	277.4	1.4	0.04	0.000*	---	4.91	6.528
25162	40370	68112	50	587.8	477	1.4	0.04	0.000*	---	7.89	30.696
25163	40371	68112	50	233.6	214.9	1.4	0.04	0.000*	---	3.9	2.257
25164	40380	68112	50	227.8	210.5	1.4	0.04	0.000*	---	3.83	2.052
25165	40391	68112	50	210.2	197.6	1.4	0.04	0.000*	---	3.61	1.512
25166	40402	68112	50	268.1	240.4	1.4	0.04	0.000*	---	4.32	3.7
25167	40404	68112	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
25168	40409	68112	50	536	438.7	1.4	0.04	0.000*	---	7.35	25.579
25169	40410	68112	50	252.5	228.8	1.4	0.04	0.000*	---	4.13	2.994
25170	40411	68112	50	233.3	214.7	1.4	0.04	0.000*	---	3.9	2.246
25171	40412	68112	50	172.8	169.8	1.4	0.04	0.000*	---	3.14	0.689
25172	40414	68112	50	165.7	164.6	1.4	0.04	0.000*	---	3.05	0.58
25173	40421	68112	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.159
25174	40423	68112	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
25175	40429	68112	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
25176	40431	68112	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
25177	40443	68112	50	270.4	242.1	1.4	0.04	0.000*	---	4.35	3.81
25178	40452	68112	50	537.2	439.5	1.4	0.04	0.000*	---	7.36	25.692
25179	40474	68112	50	159.4	160	1.4	0.04	0.000*	---	2.97	0.493
25180	40480	68112	50	245.1	223.4	1.4	0.04	0.000*	---	4.04	2.693
25181	40486	68112	50	48.6	78	1.4	0.04	0.000*	---	1.52	0.003
25182	40498	68112	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.462
25183	40508	68112	50	519.8	426.6	1.4	0.04	0.000*	---	7.17	23.977
25184	40509	68112	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.134
25185	40518	68112	50	201.8	191.3	1.4	0.04	0.000*	---	3.51	1.289
25186	40523	68112	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.938
25187	40527	68112	50	217.1	202.7	1.4	0.04	0.000*	---	3.7	1.713
25188	40529	68112	50	343.2	296	1.4	0.04	0.000*	---	5.21	8.247
25189	40534	68112	50	269.1	241.1	1.4	0.04	0.000*	---	4.33	3.748
25190	40538	68112	50	241.9	221	1.4	0.04	0.000*	---	4	2.564
25191	40547	68112	50	128.7	137.3	1.4	0.04	0.000*	---	2.58	0.197
25192	40662	68112	50	292.6	258.5	1.4	0.04	0.000*	---	4.61	4.98

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25193	40663	68112	50	855.1	674.8	1.4	0.04	0.000*	---	10.51	54.221
25194	40671	68112	50	152.9	155.1	1.4	0.04	0.000*	---	2.89	0.413
25195	40673	68112	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.544
25196	40695	68112	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.796
25197	40705	68112	50	246.7	224.6	1.4	0.04	0.000*	---	4.06	2.755
25198	40748	68112	50	81.2	102.1	1.4	0.04	0.000*	---	1.96	0.026
25199	40758	68112	50	117.5	129	1.4	0.04	0.000*	---	2.43	0.132
25200	40781	68112	50	215.3	201.3	1.4	0.04	0.000*	---	3.67	1.656
25201	40783	68112	50	227.9	210.7	1.4	0.04	0.000*	---	3.83	2.058
25202	40800	68112	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.505
25203	40858	68112	50	166.7	165.4	1.4	0.04	0.000*	---	3.07	0.595
25204	40879	68112	50	170.4	168.1	1.4	0.04	0.000*	---	3.11	0.651
25205	40894	68112	50	259.1	233.7	1.4	0.04	0.000*	---	4.21	3.283
25206	40905	68112	50	207.4	195.4	1.4	0.04	0.000*	---	3.58	1.434
25207	40914	68112	50	411.5	346.5	1.4	0.04	0.000*	---	5.99	13.746
25208	40949	68112	50	239.4	219.2	1.4	0.04	0.000*	---	3.97	2.471
25209	40994	68112	50	230.9	212.9	1.4	0.04	0.000*	---	3.87	2.162
25210	40997	68112	50	341.4	294.6	1.4	0.04	0.000*	---	5.19	8.114
25211	40999	68112	50	226.1	209.3	1.4	0.04	0.000*	---	3.81	1.996
25212	41000	68112	50	505	415.7	1.4	0.04	0.000*	---	7.01	22.52
25213	41005	68112	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.891
25214	41006	68112	50	318.8	277.9	1.4	0.04	0.000*	---	4.92	6.57
25215	41009	68112	50	160.6	160.9	1.4	0.04	0.000*	---	2.99	0.509
25216	41012	68112	50	123.5	133.4	1.4	0.04	0.000*	---	2.51	0.165
25217	41015	68112	50	277.6	247.4	1.4	0.04	0.000*	---	4.43	4.171
25218	41029	68112	50	391.4	331.6	1.4	0.04	0.000*	---	5.76	12.019
25219	41031	68112	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.089
25220	41063	68112	50	346.2	298.2	1.4	0.04	0.000*	---	5.24	8.463
25221	41071	68112	50	203.9	192.9	1.4	0.04	0.000*	---	3.53	1.342
25222	41099	68112	50	299.3	263.5	1.4	0.04	0.000*	---	4.69	5.368
25223	41117	68112	50	91.1	109.4	1.4	0.04	0.000*	---	2.09	0.043
25224	41120	68112	50	209.4	197	1.4	0.04	0.000*	---	3.6	1.49
25225	41137	68112	50	144.6	149	1.4	0.04	0.000*	---	2.78	0.325
25226	41144	68112	50	222.3	206.5	1.4	0.04	0.000*	---	3.76	1.872
25227	41157	68112	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.758
25228	41189	68112	50	508.7	418.4	1.4	0.04	0.000*	---	7.05	22.886
25229	41210	68112	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.016
25230	41214	68112	50	307.3	269.4	1.4	0.04	0.000*	---	4.79	5.848
25231	41229	68112	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.846
25232	41242	68112	50	359.6	308.1	1.4	0.04	0.000*	---	5.4	9.468
25233	41254	68112	50	394.9	334.2	1.4	0.04	0.000*	---	5.8	12.311
25234	41271	68112	50	385.7	327.4	1.4	0.04	0.000*	---	5.69	11.544
25235	41347	68112	50	106.6	120.9	1.4	0.04	0.000*	---	2.29	0.086
25236	49205	68112	50	387.4	328.7	1.4	0.04	0.000*	---	5.71	11.685
25237	45344	68117	50	24.6	60.2	1.4	0.04	0.000*	---	1.19	0
25238	45593	68117	50	66.7	91.4	1.4	0.04	0.000*	---	1.76	0.011
25239	15	68131	50	2206.8	1675	1.4	0.04	0.000*	---	20.62	93.82
25240	29	68131	50	390.5	331	1.4	0.04	0.000*	---	5.75	11.942
25241	61	68131	50	22	58.3	1.4	0.04	0.000*	---	1.16	0
25242	63	68131	50	538.1	440.2	1.4	0.04	0.000*	---	7.37	25.787
25243	120	68131	50	1110.1	863.5	1.4	0.04	0.000*	---	12.77	69.854
25244	160	68131	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.474
25245	825	68131	50	358.9	307.6	1.4	0.04	0.000*	---	5.39	9.409
25246	896	68131	50	108.3	122.2	1.4	0.04	0.000*	---	2.31	0.092
25247	906	68131	50	547.9	447.5	1.4	0.04	0.000*	---	7.47	26.755
25248	949	68131	50	230.5	212.6	1.4	0.04	0.000*	---	3.86	2.147
25249	955	68131	50	266.4	239.2	1.4	0.04	0.000*	---	4.3	3.622
25250	968	68131	50	333.7	288.9	1.4	0.04	0.000*	---	5.1	7.573
25251	974	68131	50	238.4	218.4	1.4	0.04	0.000*	---	3.96	2.432
25252	1006	68131	50	327	284	1.4	0.04	0.000*	---	5.02	7.115
25253	1080	68131	50	917.3	720.8	1.4	0.04	0.000*	---	11.08	58.655

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25254	1088	68131	50	553.6	451.7	1.4	0.04	0.000*	---	7.53	27.319
25255	1112	68131	50	314.7	274.9	1.4	0.04	0.000*	---	4.87	6.307
25256	1113	68131	50	311.9	272.8	1.4	0.04	0.000*	---	4.84	6.134
25257	1198	68131	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
25258	1216	68131	50	453.7	377.7	1.4	0.04	0.000*	---	6.46	17.585
25259	1231	68131	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.405
25260	1304	68131	50	155.9	157.3	1.4	0.04	0.000*	---	2.93	0.448
25261	1516	68131	50	737.3	587.6	1.4	0.04	0.000*	---	9.39	44.685
25262	2079	68131	50	67.2	91.7	1.4	0.04	0.000*	---	1.77	0.011
25263	2086	68131	50	384.6	326.6	1.4	0.04	0.000*	---	5.68	11.456
25264	2097	68131	50	278.6	248.1	1.4	0.04	0.000*	---	4.44	4.223
25265	2100	68131	50	284.4	252.5	1.4	0.04	0.000*	---	4.51	4.53
25266	2155	68131	50	357.4	306.5	1.4	0.04	0.000*	---	5.37	9.296
25267	2156	68131	50	74.1	96.8	1.4	0.04	0.000*	---	1.86	0.017
25268	2165	68131	50	1623.5	1243.4	1.4	0.04	0.000*	---	16.76	86.402
25269	2168	68131	50	188.3	181.4	1.4	0.04	0.000*	---	3.34	0.979
25270	2200	68131	50	254.3	230.2	1.4	0.04	0.000*	---	4.15	3.073
25271	2282	68131	50	220.5	205.1	1.4	0.04	0.000*	---	3.74	1.815
25272	2316	68131	50	319.3	278.3	1.4	0.04	0.000*	---	4.93	6.605
25273	2321	68131	50	94.1	111.6	1.4	0.04	0.000*	---	2.13	0.05
25274	2335	68131	50	483.8	400	1.4	0.04	0.000*	---	6.78	20.46
25275	2341	68131	50	452.6	377	1.4	0.04	0.000*	---	6.44	17.488
25276	2361	68131	50	498	410.5	1.4	0.04	0.000*	---	6.94	21.84
25277	2368	68131	50	254.5	230.3	1.4	0.04	0.000*	---	4.15	3.08
25278	2412	68131	50	533.4	436.7	1.4	0.04	0.000*	---	7.32	25.321
25279	2413	68131	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.991
25280	2417	68131	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
25281	2419	68131	50	763.5	607	1.4	0.04	0.000*	---	9.64	46.934
25282	2423	68131	50	427.7	358.5	1.4	0.04	0.000*	---	6.17	15.187
25283	2426	68131	50	241.5	220.7	1.4	0.04	0.000*	---	4	2.55
25284	2428	68131	50	149.1	152.3	1.4	0.04	0.000*	---	2.84	0.371
25285	2429	68131	50	145.1	149.4	1.4	0.04	0.000*	---	2.79	0.331
25286	2430	68131	50	103.1	118.3	1.4	0.04	0.000*	---	2.24	0.074
25287	3050	68131	50	264.4	237.6	1.4	0.04	0.000*	---	4.27	3.525
25288	3056	68131	50	181.4	176.2	1.4	0.04	0.000*	---	3.25	0.841
25289	3071	68131	50	626.7	505.8	1.4	0.04	0.000*	---	8.29	34.484
25290	3142	68131	50	275.9	246.2	1.4	0.04	0.000*	---	4.41	4.087
25291	3144	68131	50	295	260.3	1.4	0.04	0.000*	---	4.64	5.118
25292	3179	68131	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.858
25293	3221	68131	50	306.9	269.1	1.4	0.04	0.000*	---	4.78	5.825
25294	5017	68131	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.552
25295	5036	68131	50	137.7	143.9	1.4	0.04	0.000*	---	2.7	0.264
25296	5037	68131	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.634
25297	5045	68131	50	300.9	264.6	1.4	0.04	0.000*	---	4.71	5.46
25298	5047	68131	50	273.8	244.6	1.4	0.04	0.000*	---	4.39	3.979
25299	5063	68131	50	398.9	337.2	1.4	0.04	0.000*	---	5.84	12.658
25300	5082	68131	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.623
25301	5096	68131	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
25302	5150	68131	50	402.1	339.5	1.4	0.04	0.000*	---	5.88	12.928
25303	5151	68131	50	186.8	180.2	1.4	0.04	0.000*	---	3.32	0.948
25304	5153	68131	50	172.3	169.5	1.4	0.04	0.000*	---	3.14	0.681
25305	5154	68131	50	232	213.6	1.4	0.04	0.000*	---	3.88	2.197
25306	5186	68131	50	445.8	371.9	1.4	0.04	0.000*	---	6.37	16.846
25307	5187	68131	50	493.3	407.1	1.4	0.04	0.000*	---	6.89	21.384
25308	5188	68131	50	334.6	289.6	1.4	0.04	0.000*	---	5.11	7.639
25309	5195	68131	50	216	201.9	1.4	0.04	0.000*	---	3.68	1.68
25310	5196	68131	50	478.2	395.8	1.4	0.04	0.000*	---	6.72	19.915
25311	5197	68131	50	194.1	185.7	1.4	0.04	0.000*	---	3.41	1.106
25312	5259	68131	50	479.4	396.8	1.4	0.04	0.000*	---	6.74	20.036
25313	5260	68131	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.908
25314	5265	68131	50	352.1	302.6	1.4	0.04	0.000*	---	5.31	8.902

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25315	5266	68131	50	336.2	290.8	1.4	0.04	0.000*	---	5.12	7.747
25316	5267	68131	50	383.9	326	1.4	0.04	0.000*	---	5.67	11.393
25317	5269	68131	50	446.3	372.3	1.4	0.04	0.000*	---	6.37	16.898
25318	5270	68131	50	399.2	337.4	1.4	0.04	0.000*	---	5.85	12.683
25319	5271	68131	50	251.2	227.9	1.4	0.04	0.000*	---	4.11	2.941
25320	5272	68131	50	597.9	484.4	1.4	0.04	0.000*	---	7.99	31.678
25321	5275	68131	50	576.4	468.5	1.4	0.04	0.000*	---	7.77	29.565
25322	5276	68131	50	299.9	263.9	1.4	0.04	0.000*	---	4.7	5.399
25323	5277	68131	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.132
25324	5278	68131	50	387.3	328.6	1.4	0.04	0.000*	---	5.71	11.674
25325	5297	68131	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
25326	5298	68131	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
25327	5299	68131	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.561
25328	5373	68131	50	400.9	338.7	1.4	0.04	0.000*	---	5.87	12.827
25329	5374	68131	50	270.7	242.3	1.4	0.04	0.000*	---	4.35	3.825
25330	5375	68131	50	436.6	365.1	1.4	0.04	0.000*	---	6.27	16
25331	5376	68131	50	268.7	240.9	1.4	0.04	0.000*	---	4.33	3.732
25332	5377	68131	50	195.6	186.7	1.4	0.04	0.000*	---	3.43	1.139
25333	5378	68131	50	309.5	271	1.4	0.04	0.000*	---	4.81	5.982
25334	5379	68131	50	257.7	232.7	1.4	0.04	0.000*	---	4.19	3.222
25335	5380	68131	50	680.5	545.6	1.4	0.04	0.000*	---	8.83	39.571
25336	5384	68131	50	481.1	398	1.4	0.04	0.000*	---	6.76	20.199
25337	5627	68131	50	505.8	416.3	1.4	0.04	0.000*	---	7.02	22.603
25338	5685	68131	50	429.1	359.5	1.4	0.04	0.000*	---	6.18	15.314
25339	5688	68131	50	294	259.6	1.4	0.04	0.000*	---	4.63	5.061
25340	22791	68131	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.474
25341	22793	68131	50	278.3	247.9	1.4	0.04	0.000*	---	4.44	4.207
25342	22794	68131	50	220.9	205.5	1.4	0.04	0.000*	---	3.74	1.829
25343	22797	68131	50	133	140.4	1.4	0.04	0.000*	---	2.64	0.227
25344	22809	68131	50	191.7	183.9	1.4	0.04	0.000*	---	3.38	1.051
25345	22814	68131	50	114	126.4	1.4	0.04	0.000*	---	2.39	0.116
25346	22835	68131	50	252.6	228.9	1.4	0.04	0.000*	---	4.13	2.999
25347	22839	68131	50	148.3	151.7	1.4	0.04	0.000*	---	2.83	0.363
25348	22843	68131	50	207.8	195.8	1.4	0.04	0.000*	---	3.58	1.447
25349	22845	68131	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.439
25350	22846	68131	50	350.8	301.6	1.4	0.04	0.000*	---	5.29	8.799
25351	22848	68131	50	343.7	296.3	1.4	0.04	0.000*	---	5.21	8.281
25352	22854	68131	50	254.9	230.7	1.4	0.04	0.000*	---	4.16	3.101
25353	22855	68131	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.791
25354	22856	68131	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.738
25355	22857	68131	50	466.9	387.5	1.4	0.04	0.000*	---	6.6	18.835
25356	22858	68131	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
25357	22865	68131	50	369.2	315.2	1.4	0.04	0.000*	---	5.51	10.209
25358	22867	68131	50	369.1	315.2	1.4	0.04	0.000*	---	5.51	10.207
25359	22869	68131	50	460.5	382.8	1.4	0.04	0.000*	---	6.53	18.226
25360	22870	68131	50	159.3	159.9	1.4	0.04	0.000*	---	2.97	0.492
25361	22871	68131	50	496.1	409.1	1.4	0.04	0.000*	---	6.92	21.656
25362	22872	68131	50	175.9	172.2	1.4	0.04	0.000*	---	3.18	0.742
25363	22874	68131	50	404.8	341.5	1.4	0.04	0.000*	---	5.91	13.158
25364	22875	68131	50	366.8	313.4	1.4	0.04	0.000*	---	5.48	10.019
25365	22878	68131	50	216	201.8	1.4	0.04	0.000*	---	3.68	1.679
25366	22880	68131	50	606.1	490.5	1.4	0.04	0.000*	---	8.08	32.484
25367	22881	68131	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.321
25368	22895	68131	50	292.1	258.2	1.4	0.04	0.000*	---	4.61	4.954
25369	22902	68131	50	380.6	323.6	1.4	0.04	0.000*	---	5.64	11.125
25370	22906	68131	50	456.5	379.8	1.4	0.04	0.000*	---	6.49	17.853
25371	22907	68131	50	539.9	441.5	1.4	0.04	0.000*	---	7.39	25.961
25372	22910	68131	50	284.5	252.5	1.4	0.04	0.000*	---	4.51	4.533
25373	22912	68131	50	935.7	734.4	1.4	0.04	0.000*	---	11.25	59.878
25374	22913	68131	50	347.7	299.3	1.4	0.04	0.000*	---	5.26	8.576
25375	22914	68131	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.449

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25376	22915	68131	50	427.9	358.6	1.4	0.04	0.000*	---	6.17	15.205
25377	22916	68131	50	165.2	164.2	1.4	0.04	0.000*	---	3.05	0.572
25378	22929	68131	50	423.5	355.4	1.4	0.04	0.000*	---	6.12	14.807
25379	22944	68131	50	162.1	161.9	1.4	0.04	0.000*	---	3.01	0.528
25380	22947	68131	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.239
25381	22948	68131	50	124.1	133.9	1.4	0.04	0.000*	---	2.52	0.168
25382	22949	68131	50	268.7	240.9	1.4	0.04	0.000*	---	4.33	3.732
25383	22952	68131	50	393.8	333.4	1.4	0.04	0.000*	---	5.79	12.224
25384	22958	68131	50	182.7	177.2	1.4	0.04	0.000*	---	3.27	0.866
25385	22959	68131	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
25386	22963	68131	50	201.5	191.1	1.4	0.04	0.000*	---	3.5	1.283
25387	22965	68131	50	267.1	239.6	1.4	0.04	0.000*	---	4.31	3.653
25388	22966	68131	50	156.8	158	1.4	0.04	0.000*	---	2.94	0.46
25389	22967	68131	50	852.3	672.7	1.4	0.04	0.000*	---	10.49	54.015
25390	22969	68131	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481
25391	22970	68131	50	227.4	210.3	1.4	0.04	0.000*	---	3.82	2.039
25392	22971	68131	50	398.2	336.6	1.4	0.04	0.000*	---	5.84	12.593
25393	22974	68131	50	477.9	395.6	1.4	0.04	0.000*	---	6.72	19.885
25394	22977	68131	50	131.5	139.3	1.4	0.04	0.000*	---	2.61	0.216
25395	22980	68131	50	115.1	127.2	1.4	0.04	0.000*	---	2.4	0.12
25396	22981	68131	50	242.4	221.4	1.4	0.04	0.000*	---	4.01	2.583
25397	22984	68131	50	158.1	159	1.4	0.04	0.000*	---	2.96	0.476
25398	22989	68131	50	136.7	143.1	1.4	0.04	0.000*	---	2.68	0.255
25399	22990	68131	50	196.1	187.1	1.4	0.04	0.000*	---	3.44	1.152
25400	22994	68131	50	253.4	229.5	1.4	0.04	0.000*	---	4.14	3.035
25401	22995	68131	50	291.6	257.8	1.4	0.04	0.000*	---	4.6	4.924
25402	22997	68131	50	287.4	254.7	1.4	0.04	0.000*	---	4.55	4.693
25403	22999	68131	50	499	411.3	1.4	0.04	0.000*	---	6.95	21.939
25404	23002	68131	50	258.6	233.4	1.4	0.04	0.000*	---	4.2	3.262
25405	23003	68131	50	701.3	561	1.4	0.04	0.000*	---	9.04	41.481
25406	23007	68131	50	504.1	415	1.4	0.04	0.000*	---	7	22.436
25407	23009	68131	50	411.2	346.3	1.4	0.04	0.000*	---	5.98	13.718
25408	23010	68131	50	323.9	281.6	1.4	0.04	0.000*	---	4.98	6.905
25409	23016	68131	50	346	298.1	1.4	0.04	0.000*	---	5.24	8.453
25410	23018	68131	50	55.7	83.2	1.4	0.04	0.000*	---	1.62	0.005
25411	23023	68131	50	514.2	422.5	1.4	0.04	0.000*	---	7.11	23.422
25412	23025	68131	50	535.5	438.3	1.4	0.04	0.000*	---	7.34	25.529
25413	23028	68131	50	86.8	106.3	1.4	0.04	0.000*	---	2.03	0.035
25414	23031	68131	50	518.2	425.4	1.4	0.04	0.000*	---	7.15	23.814
25415	23032	68131	50	514.2	422.5	1.4	0.04	0.000*	---	7.11	23.423
25416	23042	68131	50	447.6	373.2	1.4	0.04	0.000*	---	6.39	17.019
25417	23043	68131	50	738.2	588.3	1.4	0.04	0.000*	---	9.4	44.762
25418	23044	68131	50	366.7	313.4	1.4	0.04	0.000*	---	5.48	10.014
25419	23045	68131	50	606	490.4	1.4	0.04	0.000*	---	8.08	32.471
25420	23046	68131	50	234.9	215.8	1.4	0.04	0.000*	---	3.91	2.301
25421	23051	68131	50	62.2	88	1.4	0.04	0.000*	---	1.7	0.008
25422	23056	68131	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.433
25423	23059	68131	50	417.8	351.2	1.4	0.04	0.000*	---	6.06	14.302
25424	23061	68131	50	309.4	270.9	1.4	0.04	0.000*	---	4.81	5.975
25425	23069	68131	50	814.3	644.6	1.4	0.04	0.000*	---	10.13	51.089
25426	23072	68131	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.78
25427	23074	68131	50	269.2	241.2	1.4	0.04	0.000*	---	4.33	3.753
25428	23078	68131	50	222.9	206.9	1.4	0.04	0.000*	---	3.77	1.891
25429	23079	68131	50	781.8	620.6	1.4	0.04	0.000*	---	9.82	48.464
25430	23080	68131	50	61.4	87.5	1.4	0.04	0.000*	---	1.69	0.008
25431	23081	68131	50	531	435	1.4	0.04	0.000*	---	7.29	25.084
25432	23082	68131	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.651
25433	23086	68131	50	312.3	273.1	1.4	0.04	0.000*	---	4.84	6.155
25434	23090	68131	50	142.4	147.4	1.4	0.04	0.000*	---	2.76	0.305
25435	23091	68131	50	539.9	441.5	1.4	0.04	0.000*	---	7.39	25.958
25436	23092	68131	50	171.3	168.8	1.4	0.04	0.000*	---	3.12	0.666

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
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Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25437	23093	68131	50	294.3	259.8	1.4	0.04	0.000*	---	4.63	5.079
25438	23094	68131	50	388.3	329.3	1.4	0.04	0.000*	---	5.72	11.759
25439	23097	68131	50	532.1	435.7	1.4	0.04	0.000*	---	7.3	25.189
25440	23098	68131	50	550.5	449.4	1.4	0.04	0.000*	---	7.5	27.007
25441	23100	68131	50	229.8	212.1	1.4	0.04	0.000*	---	3.85	2.123
25442	23102	68131	50	320.4	279.1	1.4	0.04	0.000*	---	4.94	6.675
25443	23103	68131	50	165.5	164.5	1.4	0.04	0.000*	---	3.05	0.577
25444	23106	68131	50	234	215.2	1.4	0.04	0.000*	---	3.9	2.271
25445	23107	68131	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.353
25446	23108	68131	50	100.5	116.3	1.4	0.04	0.000*	---	2.21	0.066
25447	23109	68131	50	121.9	132.2	1.4	0.04	0.000*	---	2.49	0.155
25448	23110	68131	50	621.6	502	1.4	0.04	0.000*	---	8.24	33.989
25449	23111	68131	50	257.8	232.8	1.4	0.04	0.000*	---	4.19	3.225
25450	23112	68131	50	841.5	664.7	1.4	0.04	0.000*	---	10.38	53.195
25451	23113	68131	50	328.5	285.1	1.4	0.04	0.000*	---	5.04	7.219
25452	23114	68131	50	598.8	485.1	1.4	0.04	0.000*	---	8	31.765
25453	23118	68131	50	266.3	239.1	1.4	0.04	0.000*	---	4.3	3.615
25454	23120	68131	50	231.4	213.2	1.4	0.04	0.000*	---	3.87	2.177
25455	23121	68131	50	102.9	118.1	1.4	0.04	0.000*	---	2.24	0.074
25456	23122	68131	50	129.5	137.8	1.4	0.04	0.000*	---	2.59	0.202
25457	23123	68131	50	364.3	311.6	1.4	0.04	0.000*	---	5.45	9.83
25458	23124	68131	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.412
25459	23125	68131	50	376.6	320.7	1.4	0.04	0.000*	---	5.59	10.802
25460	23128	68131	50	629	507.5	1.4	0.04	0.000*	---	8.31	34.708
25461	23131	68131	50	669.3	537.3	1.4	0.04	0.000*	---	8.72	38.53
25462	23133	68131	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.625
25463	23134	68131	50	66.8	91.5	1.4	0.04	0.000*	---	1.76	0.011
25464	23135	68131	50	233.5	214.8	1.4	0.04	0.000*	---	3.9	2.251
25465	23136	68131	50	160.5	160.8	1.4	0.04	0.000*	---	2.99	0.507
25466	23139	68131	50	643.1	517.9	1.4	0.04	0.000*	---	8.46	36.059
25467	23141	68131	50	233.9	215.1	1.4	0.04	0.000*	---	3.9	2.266
25468	23142	68131	50	139	144.9	1.4	0.04	0.000*	---	2.71	0.275
25469	23143	68131	50	369.8	315.6	1.4	0.04	0.000*	---	5.51	10.256
25470	23144	68131	50	255.3	230.9	1.4	0.04	0.000*	---	4.16	3.116
25471	23145	68131	50	483.6	399.9	1.4	0.04	0.000*	---	6.78	20.442
25472	23146	68131	50	312.8	273.4	1.4	0.04	0.000*	---	4.85	6.186
25473	23147	68131	50	56.6	83.9	1.4	0.04	0.000*	---	1.63	0.006
25474	23149	68131	50	143.3	148.1	1.4	0.04	0.000*	---	2.77	0.314
25475	23150	68131	50	149.2	152.4	1.4	0.04	0.000*	---	2.84	0.372
25476	23152	68131	50	580.5	471.6	1.4	0.04	0.000*	---	7.81	29.977
25477	23153	68131	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.415
25478	23154	68131	50	313.9	274.3	1.4	0.04	0.000*	---	4.86	6.259
25479	23155	68131	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.038
25480	23156	68131	50	61.5	87.5	1.4	0.04	0.000*	---	1.69	0.008
25481	23157	68131	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.739
25482	23158	68131	50	419.7	352.6	1.4	0.04	0.000*	---	6.08	14.474
25483	23161	68131	50	199.2	189.4	1.4	0.04	0.000*	---	3.47	1.225
25484	23162	68131	50	353.3	303.4	1.4	0.04	0.000*	---	5.32	8.985
25485	23163	68131	50	516.5	424.2	1.4	0.04	0.000*	---	7.14	23.652
25486	23164	68131	50	323.9	281.7	1.4	0.04	0.000*	---	4.98	6.91
25487	23165	68131	50	370.7	316.3	1.4	0.04	0.000*	---	5.52	10.328
25488	23166	68131	50	327.3	284.2	1.4	0.04	0.000*	---	5.02	7.134
25489	23167	68131	50	168.3	166.5	1.4	0.04	0.000*	---	3.09	0.618
25490	23168	68131	50	325.9	283.2	1.4	0.04	0.000*	---	5.01	7.043
25491	23171	68131	50	184.7	178.6	1.4	0.04	0.000*	---	3.29	0.905
25492	23172	68131	50	262	235.9	1.4	0.04	0.000*	---	4.24	3.414
25493	23173	68131	50	132.2	139.9	1.4	0.04	0.000*	---	2.62	0.221
25494	23174	68131	50	499.7	411.8	1.4	0.04	0.000*	---	6.96	22.007
25495	23175	68131	50	272.7	243.8	1.4	0.04	0.000*	---	4.37	3.924
25496	23177	68131	50	404.6	341.4	1.4	0.04	0.000*	---	5.91	13.142
25497	23178	68131	50	301.5	265.1	1.4	0.04	0.000*	---	4.72	5.494

LEAD BATCH MODE OUTPUT FILE
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25498	23179	68131	50	136.9	143.3	1.4	0.04	0.000*	---	2.68	0.257
25499	23180	68131	50	371	316.5	1.4	0.04	0.000*	---	5.53	10.352
25500	23183	68131	50	189.2	182	1.4	0.04	0.000*	---	3.35	0.997
25501	23184	68131	50	230.9	212.8	1.4	0.04	0.000*	---	3.87	2.159
25502	23186	68131	50	284.2	252.3	1.4	0.04	0.000*	---	4.51	4.519
25503	23187	68131	50	319.2	278.2	1.4	0.04	0.000*	---	4.93	6.596
25504	23188	68131	50	1069.7	833.5	1.4	0.04	0.000*	---	12.43	67.796
25505	23190	68131	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
25506	23191	68131	50	969.7	759.6	1.4	0.04	0.000*	---	11.55	62.061
25507	23195	68131	50	454	377.9	1.4	0.04	0.000*	---	6.46	17.614
25508	23198	68131	50	322	280.3	1.4	0.04	0.000*	---	4.96	6.783
25509	23200	68131	50	41.2	72.5	1.4	0.04	0.000*	---	1.42	0.002
25510	23203	68131	50	543.7	444.4	1.4	0.04	0.000*	---	7.43	26.34
25511	23205	68131	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
25512	23206	68131	50	350.2	301.1	1.4	0.04	0.000*	---	5.29	8.756
25513	23207	68131	50	498.9	411.2	1.4	0.04	0.000*	---	6.95	21.929
25514	23208	68131	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
25515	23209	68131	50	514.8	422.9	1.4	0.04	0.000*	---	7.12	23.482
25516	23210	68131	50	597.3	484	1.4	0.04	0.000*	---	7.99	31.625
25517	23211	68131	50	263.6	237.1	1.4	0.04	0.000*	---	4.26	3.491
25518	23212	68131	50	505.2	415.9	1.4	0.04	0.000*	---	7.02	22.544
25519	23213	68131	50	377.2	321.1	1.4	0.04	0.000*	---	5.6	10.852
25520	23214	68131	50	63.1	88.7	1.4	0.04	0.000*	---	1.71	0.009
25521	23216	68131	50	191.7	183.9	1.4	0.04	0.000*	---	3.38	1.053
25522	23217	68131	50	281.3	250.1	1.4	0.04	0.000*	---	4.48	4.363
25523	23218	68131	50	263.8	237.2	1.4	0.04	0.000*	---	4.27	3.499
25524	23219	68131	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
25525	23221	68131	50	149.8	152.9	1.4	0.04	0.000*	---	2.85	0.379
25526	23222	68131	50	168.5	166.7	1.4	0.04	0.000*	---	3.09	0.622
25527	23224	68131	50	331.7	287.5	1.4	0.04	0.000*	---	5.07	7.436
25528	23226	68131	50	542.3	443.3	1.4	0.04	0.000*	---	7.41	26.201
25529	23230	68131	50	52.8	81.1	1.4	0.04	0.000*	---	1.58	0.004
25530	23231	68131	50	56.5	83.8	1.4	0.04	0.000*	---	1.63	0.006
25531	23232	68131	50	293.7	259.3	1.4	0.04	0.000*	---	4.62	5.042
25532	23233	68131	50	316.6	276.3	1.4	0.04	0.000*	---	4.9	6.432
25533	23235	68131	50	87.2	106.5	1.4	0.04	0.000*	---	2.04	0.035
25534	23236	68131	50	403.4	340.5	1.4	0.04	0.000*	---	5.9	13.043
25535	23237	68131	50	318.6	277.8	1.4	0.04	0.000*	---	4.92	6.558
25536	23238	68131	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.448
25537	23241	68131	50	143	147.8	1.4	0.04	0.000*	---	2.76	0.31
25538	23243	68131	50	210.9	198.1	1.4	0.04	0.000*	---	3.62	1.53
25539	23244	68131	50	191	183.3	1.4	0.04	0.000*	---	3.37	1.036
25540	23245	68131	50	158.9	159.6	1.4	0.04	0.000*	---	2.97	0.487
25541	23246	68131	50	176.1	172.3	1.4	0.04	0.000*	---	3.19	0.746
25542	23248	68131	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.035
25543	23249	68131	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
25544	23252	68131	50	313.3	273.8	1.4	0.04	0.000*	---	4.86	6.217
25545	23253	68131	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.569
25546	23254	68131	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.59
25547	23255	68131	50	482.3	398.9	1.4	0.04	0.000*	---	6.77	20.312
25548	23256	68131	50	236	216.7	1.4	0.04	0.000*	---	3.93	2.344
25549	23258	68131	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
25550	23260	68131	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
25551	23262	68131	50	169.3	167.3	1.4	0.04	0.000*	---	3.1	0.634
25552	23263	68131	50	131.8	139.6	1.4	0.04	0.000*	---	2.62	0.218
25553	23264	68131	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
25554	23266	68131	50	306.1	268.5	1.4	0.04	0.000*	---	4.77	5.771
25555	23267	68131	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.829
25556	23268	68131	50	140.6	146	1.4	0.04	0.000*	---	2.73	0.289
25557	23269	68131	50	831.4	657.2	1.4	0.04	0.000*	---	10.29	52.424
25558	23270	68131	50	165.5	164.5	1.4	0.04	0.000*	---	3.05	0.577

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25559	23271	68131	50	298.2	262.7	1.4	0.04	0.000*	---	4.68	5.304
25560	23273	68131	50	180	175.2	1.4	0.04	0.000*	---	3.23	0.815
25561	23274	68131	50	225.5	208.9	1.4	0.04	0.000*	---	3.8	1.977
25562	23275	68131	50	221.7	206.1	1.4	0.04	0.000*	---	3.75	1.854
25563	23276	68131	50	192.2	184.2	1.4	0.04	0.000*	---	3.39	1.062
25564	23277	68131	50	121.8	132.2	1.4	0.04	0.000*	---	2.49	0.155
25565	23280	68131	50	619.3	500.3	1.4	0.04	0.000*	---	8.21	33.763
25566	23281	68131	50	358.1	307	1.4	0.04	0.000*	---	5.38	9.348
25567	23283	68131	50	139.9	145.5	1.4	0.04	0.000*	---	2.72	0.282
25568	23285	68131	50	380.9	323.8	1.4	0.04	0.000*	---	5.64	11.148
25569	23286	68131	50	874.4	689.1	1.4	0.04	0.000*	---	10.69	55.642
25570	23288	68131	50	313.8	274.2	1.4	0.04	0.000*	---	4.86	6.251
25571	23289	68131	50	531.4	435.3	1.4	0.04	0.000*	---	7.3	25.125
25572	23292	68131	50	679.3	544.7	1.4	0.04	0.000*	---	8.82	39.462
25573	23293	68131	50	469.5	389.5	1.4	0.04	0.000*	---	6.63	19.087
25574	23294	68131	50	388.1	329.2	1.4	0.04	0.000*	---	5.72	11.744
25575	23295	68131	50	156.7	158	1.4	0.04	0.000*	---	2.94	0.459
25576	23296	68131	50	173	170	1.4	0.04	0.000*	---	3.15	0.693
25577	23297	68131	50	192.4	184.3	1.4	0.04	0.000*	---	3.39	1.066
25578	23301	68131	50	225.7	209	1.4	0.04	0.000*	---	3.8	1.983
25579	23302	68131	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
25580	23303	68131	50	108.6	122.4	1.4	0.04	0.000*	---	2.32	0.093
25581	23308	68131	50	558.7	455.5	1.4	0.04	0.000*	---	7.59	27.825
25582	23310	68131	50	198.9	189.2	1.4	0.04	0.000*	---	3.47	1.219
25583	23311	68131	50	348.8	300.1	1.4	0.04	0.000*	---	5.27	8.653
25584	23312	68131	50	240.6	220.1	1.4	0.04	0.000*	---	3.99	2.515
25585	23313	68131	50	324.3	282	1.4	0.04	0.000*	---	4.99	6.936
25586	23315	68131	50	600.4	486.3	1.4	0.04	0.000*	---	8.02	31.929
25587	23317	68131	50	147.6	151.2	1.4	0.04	0.000*	---	2.82	0.355
25588	23320	68131	50	326.7	283.7	1.4	0.04	0.000*	---	5.01	7.093
25589	23321	68131	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
25590	23322	68131	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.843
25591	23323	68131	50	1461.9	1123.8	1.4	0.04	0.000*	---	15.57	82.701
25592	23324	68131	50	277.4	247.3	1.4	0.04	0.000*	---	4.43	4.165
25593	23326	68131	50	261.6	235.6	1.4	0.04	0.000*	---	4.24	3.397
25594	23329	68131	50	259	233.6	1.4	0.04	0.000*	---	4.21	3.279
25595	23332	68131	50	473.5	392.4	1.4	0.04	0.000*	---	6.67	19.466
25596	23333	68131	50	565	460.1	1.4	0.04	0.000*	---	7.65	28.449
25597	23334	68131	50	186.2	179.8	1.4	0.04	0.000*	---	3.31	0.936
25598	23338	68131	50	121.3	131.8	1.4	0.04	0.000*	---	2.48	0.152
25599	23339	68131	50	304.3	267.2	1.4	0.04	0.000*	---	4.75	5.664
25600	23340	68131	50	336.4	290.9	1.4	0.04	0.000*	---	5.13	7.761
25601	23341	68131	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.578
25602	23342	68131	50	159.1	159.8	1.4	0.04	0.000*	---	2.97	0.489
25603	23343	68131	50	262.7	236.4	1.4	0.04	0.000*	---	4.25	3.447
25604	23344	68131	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.285
25605	23345	68131	50	192.2	184.2	1.4	0.04	0.000*	---	3.39	1.063
25606	23346	68131	50	332	287.7	1.4	0.04	0.000*	---	5.08	7.454
25607	23347	68131	50	210.9	198.1	1.4	0.04	0.000*	---	3.62	1.532
25608	23348	68131	50	135.5	142.3	1.4	0.04	0.000*	---	2.67	0.246
25609	23350	68131	50	278.6	248.2	1.4	0.04	0.000*	---	4.44	4.225
25610	23351	68131	50	397.4	336.1	1.4	0.04	0.000*	---	5.83	12.526
25611	23353	68131	50	375.3	319.8	1.4	0.04	0.000*	---	5.58	10.7
25612	23355	68131	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
25613	23356	68131	50	389.4	330.2	1.4	0.04	0.000*	---	5.74	11.854
25614	23357	68131	50	229.7	212	1.4	0.04	0.000*	---	3.85	2.119
25615	23358	68131	50	408.9	344.6	1.4	0.04	0.000*	---	5.96	13.519
25616	23359	68131	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
25617	23360	68131	50	312.4	273.2	1.4	0.04	0.000*	---	4.85	6.165
25618	23361	68131	50	331.8	287.5	1.4	0.04	0.000*	---	5.07	7.441
25619	23362	68131	50	484.3	400.4	1.4	0.04	0.000*	---	6.79	20.507

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25620	23363	68131	50	694	555.6	1.4	0.04	0.000*	---	8.97	40.816
25621	23364	68131	50	284.5	252.5	1.4	0.04	0.000*	---	4.52	4.535
25622	23365	68131	50	285.5	253.2	1.4	0.04	0.000*	---	4.53	4.587
25623	23367	68131	50	551.3	450	1.4	0.04	0.000*	---	7.51	27.089
25624	23368	68131	50	367.8	314.2	1.4	0.04	0.000*	---	5.49	10.103
25625	23369	68131	50	289.1	255.9	1.4	0.04	0.000*	---	4.57	4.786
25626	23371	68131	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.48
25627	23372	68131	50	407	343.2	1.4	0.04	0.000*	---	5.94	13.357
25628	23373	68131	50	242.4	221.4	1.4	0.04	0.000*	---	4.01	2.584
25629	23374	68131	50	205	193.7	1.4	0.04	0.000*	---	3.55	1.372
25630	23375	68131	50	260.5	234.8	1.4	0.04	0.000*	---	4.23	3.349
25631	23377	68131	50	344.7	297.1	1.4	0.04	0.000*	---	5.22	8.353
25632	23379	68131	50	308.9	270.6	1.4	0.04	0.000*	---	4.8	5.944
25633	23380	68131	50	236.4	217	1.4	0.04	0.000*	---	3.93	2.359
25634	23381	68131	50	188.4	181.4	1.4	0.04	0.000*	---	3.34	0.981
25635	23382	68131	50	160.9	161	1.4	0.04	0.000*	---	2.99	0.512
25636	23383	68131	50	452.5	376.8	1.4	0.04	0.000*	---	6.44	17.474
25637	23384	68131	50	558.4	455.2	1.4	0.04	0.000*	---	7.58	27.795
25638	23385	68131	50	414.7	348.9	1.4	0.04	0.000*	---	6.02	14.026
25639	23386	68131	50	519.4	426.3	1.4	0.04	0.000*	---	7.17	23.933
25640	23387	68131	50	404	341	1.4	0.04	0.000*	---	5.9	13.095
25641	23388	68131	50	600.8	486.6	1.4	0.04	0.000*	---	8.02	31.967
25642	23389	68131	50	871.8	687.2	1.4	0.04	0.000*	---	10.67	55.456
25643	23390	68131	50	510.2	419.5	1.4	0.04	0.000*	---	7.07	23.029
25644	23391	68131	50	236.5	217	1.4	0.04	0.000*	---	3.93	2.36
25645	23393	68131	50	1054.7	822.5	1.4	0.04	0.000*	---	12.3	66.998
25646	23394	68131	50	244.4	222.8	1.4	0.04	0.000*	---	4.03	2.662
25647	23395	68131	50	204.1	193.1	1.4	0.04	0.000*	---	3.54	1.349
25648	23396	68131	50	503.8	414.8	1.4	0.04	0.000*	---	7	22.401
25649	23397	68131	50	335.8	290.5	1.4	0.04	0.000*	---	5.12	7.716
25650	23398	68131	50	133.7	140.9	1.4	0.04	0.000*	---	2.64	0.232
25651	23399	68131	50	346.5	298.4	1.4	0.04	0.000*	---	5.24	8.483
25652	23400	68131	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.961
25653	23402	68131	50	340.4	293.9	1.4	0.04	0.000*	---	5.17	8.048
25654	23405	68131	50	406.6	342.9	1.4	0.04	0.000*	---	5.93	13.321
25655	23407	68131	50	359.3	307.9	1.4	0.04	0.000*	---	5.39	9.443
25656	23408	68131	50	338.4	292.4	1.4	0.04	0.000*	---	5.15	7.899
25657	23409	68131	50	153.1	155.3	1.4	0.04	0.000*	---	2.89	0.416
25658	23415	68131	50	679	544.4	1.4	0.04	0.000*	---	8.82	39.429
25659	23416	68131	50	283.3	251.7	1.4	0.04	0.000*	---	4.5	4.473
25660	23417	68131	50	386.4	327.9	1.4	0.04	0.000*	---	5.7	11.602
25661	23420	68131	50	337.7	291.9	1.4	0.04	0.000*	---	5.14	7.853
25662	23421	68131	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.972
25663	23423	68131	50	295.3	260.5	1.4	0.04	0.000*	---	4.64	5.135
25664	23425	68131	50	362	309.9	1.4	0.04	0.000*	---	5.42	9.649
25665	23427	68131	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.396
25666	23428	68131	50	192.9	184.8	1.4	0.04	0.000*	---	3.4	1.078
25667	23429	68131	50	276.7	246.8	1.4	0.04	0.000*	---	4.42	4.129
25668	23430	68131	50	383.4	325.7	1.4	0.04	0.000*	---	5.67	11.359
25669	23431	68131	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.399
25670	23432	68131	50	378.6	322.2	1.4	0.04	0.000*	---	5.61	10.966
25671	23433	68131	50	580.8	471.8	1.4	0.04	0.000*	---	7.82	30.001
25672	23434	68131	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.019
25673	23436	68131	50	155.8	157.3	1.4	0.04	0.000*	---	2.93	0.447
25674	23437	68131	50	301.1	264.9	1.4	0.04	0.000*	---	4.71	5.476
25675	23438	68131	50	316	275.9	1.4	0.04	0.000*	---	4.89	6.394
25676	23439	68131	50	218.6	203.8	1.4	0.04	0.000*	---	3.72	1.758
25677	23440	68131	50	416.6	350.3	1.4	0.04	0.000*	---	6.04	14.201
25678	23441	68131	50	167.5	166	1.4	0.04	0.000*	---	3.08	0.607
25679	23442	68131	50	868.2	684.5	1.4	0.04	0.000*	---	10.63	55.19
25680	23443	68131	50	208.5	196.3	1.4	0.04	0.000*	---	3.59	1.463

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25681	23444	68131	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.434
25682	23445	68131	50	96.3	113.3	1.4	0.04	0.000*	---	2.16	0.055
25683	23446	68131	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.823
25684	23447	68131	50	337.5	291.8	1.4	0.04	0.000*	---	5.14	7.841
25685	23448	68131	50	573.8	466.6	1.4	0.04	0.000*	---	7.74	29.309
25686	23449	68131	50	520.6	427.2	1.4	0.04	0.000*	---	7.18	24.054
25687	23450	68131	50	258	232.9	1.4	0.04	0.000*	---	4.2	3.235
25688	23451	68131	50	286.6	254.1	1.4	0.04	0.000*	---	4.54	4.648
25689	23452	68131	50	293.4	259.1	1.4	0.04	0.000*	---	4.62	5.025
25690	23453	68131	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.065
25691	23455	68131	50	245.4	223.6	1.4	0.04	0.000*	---	4.04	2.701
25692	23456	68131	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.852
25693	23457	68131	50	159.6	160.1	1.4	0.04	0.000*	---	2.98	0.496
25694	23458	68131	50	428.6	359.2	1.4	0.04	0.000*	---	6.18	15.271
25695	23459	68131	50	480.6	397.6	1.4	0.04	0.000*	---	6.75	20.146
25696	23460	68131	50	267.5	239.9	1.4	0.04	0.000*	---	4.31	3.672
25697	23461	68131	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.134
25698	23463	68131	50	177.7	173.5	1.4	0.04	0.000*	---	3.2	0.774
25699	23465	68131	50	476.8	394.8	1.4	0.04	0.000*	---	6.71	19.781
25700	23468	68131	50	297.9	262.5	1.4	0.04	0.000*	---	4.68	5.286
25701	23469	68131	50	501	412.7	1.4	0.04	0.000*	---	6.97	22.128
25702	23470	68131	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.438
25703	23471	68131	50	494.7	408.1	1.4	0.04	0.000*	---	6.9	21.516
25704	23472	68131	50	126	135.3	1.4	0.04	0.000*	---	2.54	0.179
25705	23473	68131	50	485.6	401.3	1.4	0.04	0.000*	---	6.8	20.631
25706	23474	68131	50	152.3	154.7	1.4	0.04	0.000*	---	2.88	0.407
25707	23475	68131	50	252.9	229.1	1.4	0.04	0.000*	---	4.13	3.012
25708	23477	68131	50	231	212.9	1.4	0.04	0.000*	---	3.87	2.164
25709	23480	68131	50	229.8	212.1	1.4	0.04	0.000*	---	3.85	2.122
25710	23482	68131	50	475.2	393.6	1.4	0.04	0.000*	---	6.69	19.631
25711	23483	68131	50	266.9	239.5	1.4	0.04	0.000*	---	4.3	3.646
25712	23484	68131	50	235.1	216	1.4	0.04	0.000*	---	3.92	2.31
25713	23485	68131	50	335.6	290.4	1.4	0.04	0.000*	---	5.12	7.707
25714	23486	68131	50	146	150.1	1.4	0.04	0.000*	---	2.8	0.34
25715	23487	68131	50	167.9	166.3	1.4	0.04	0.000*	---	3.08	0.612
25716	23488	68131	50	203.1	192.3	1.4	0.04	0.000*	---	3.52	1.321
25717	23489	68131	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.397
25718	23490	68131	50	253.3	229.5	1.4	0.04	0.000*	---	4.14	3.031
25719	23491	68131	50	428.9	359.4	1.4	0.04	0.000*	---	6.18	15.294
25720	23492	68131	50	405.1	341.8	1.4	0.04	0.000*	---	5.91	13.189
25721	23493	68131	50	637.1	513.4	1.4	0.04	0.000*	---	8.39	35.48
25722	23494	68131	50	328.9	285.4	1.4	0.04	0.000*	---	5.04	7.242
25723	23500	68131	50	523	429	1.4	0.04	0.000*	---	7.21	24.293
25724	23501	68131	50	150.1	153.1	1.4	0.04	0.000*	---	2.85	0.382
25725	23502	68131	50	398.8	337.1	1.4	0.04	0.000*	---	5.84	12.647
25726	23503	68131	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.99
25727	23504	68131	50	186.7	180.2	1.4	0.04	0.000*	---	3.32	0.946
25728	23505	68131	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
25729	23506	68131	50	288.7	255.7	1.4	0.04	0.000*	---	4.57	4.765
25730	23508	68131	50	293.2	259	1.4	0.04	0.000*	---	4.62	5.015
25731	23509	68131	50	250.2	227.2	1.4	0.04	0.000*	---	4.1	2.9
25732	23510	68131	50	263.4	236.9	1.4	0.04	0.000*	---	4.26	3.48
25733	23512	68131	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.698
25734	23513	68131	50	183.8	178	1.4	0.04	0.000*	---	3.28	0.888
25735	23514	68131	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.405
25736	23515	68131	50	184.1	178.2	1.4	0.04	0.000*	---	3.28	0.893
25737	23517	68131	50	325	282.5	1.4	0.04	0.000*	---	4.99	6.977
25738	23518	68131	50	343	295.9	1.4	0.04	0.000*	---	5.2	8.234
25739	23519	68131	50	277.4	247.3	1.4	0.04	0.000*	---	4.43	4.161
25740	23521	68131	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.163
25741	23522	68131	50	235.1	216	1.4	0.04	0.000*	---	3.92	2.311

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25742	23523	68131	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.627
25743	23524	68131	50	203.8	192.8	1.4	0.04	0.000*	---	3.53	1.34
25744	23525	68131	50	122.7	132.8	1.4	0.04	0.000*	---	2.5	0.16
25745	23526	68131	50	103.5	118.6	1.4	0.04	0.000*	---	2.25	0.075
25746	23527	68131	50	573.6	466.4	1.4	0.04	0.000*	---	7.74	29.29
25747	23528	68131	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.528
25748	23529	68131	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.171
25749	23530	68131	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.746
25750	23531	68131	50	271	242.5	1.4	0.04	0.000*	---	4.35	3.84
25751	23532	68131	50	188.6	181.6	1.4	0.04	0.000*	---	3.34	0.985
25752	23533	68131	50	103.6	118.6	1.4	0.04	0.000*	---	2.25	0.076
25753	23534	68131	50	230.6	212.6	1.4	0.04	0.000*	---	3.86	2.149
25754	23535	68131	50	276.1	246.3	1.4	0.04	0.000*	---	4.41	4.097
25755	23536	68131	50	341.8	294.9	1.4	0.04	0.000*	---	5.19	8.144
25756	23537	68131	50	289.7	256.4	1.4	0.04	0.000*	---	4.58	4.821
25757	23538	68131	50	462.5	384.2	1.4	0.04	0.000*	---	6.55	18.414
25758	23539	68131	50	166.7	165.4	1.4	0.04	0.000*	---	3.07	0.594
25759	23541	68131	50	345.3	297.5	1.4	0.04	0.000*	---	5.23	8.4
25760	23543	68131	50	139.9	145.6	1.4	0.04	0.000*	---	2.72	0.283
25761	23544	68131	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.599
25762	23545	68131	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.045
25763	23547	68131	50	255.9	231.4	1.4	0.04	0.000*	---	4.17	3.141
25764	23549	68131	50	176.8	172.8	1.4	0.04	0.000*	---	3.19	0.757
25765	23550	68131	50	261.6	235.6	1.4	0.04	0.000*	---	4.24	3.397
25766	23553	68131	50	171.9	169.2	1.4	0.04	0.000*	---	3.13	0.674
25767	23554	68131	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.561
25768	23556	68131	50	128.6	137.2	1.4	0.04	0.000*	---	2.58	0.196
25769	23557	68131	50	537.2	439.5	1.4	0.04	0.000*	---	7.36	25.692
25770	23558	68131	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.266
25771	23559	68131	50	236.9	217.3	1.4	0.04	0.000*	---	3.94	2.374
25772	23560	68131	50	430	360.2	1.4	0.04	0.000*	---	6.19	15.398
25773	23563	68131	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.965
25774	23564	68131	50	553.6	451.6	1.4	0.04	0.000*	---	7.53	27.315
25775	23565	68131	50	383.1	325.5	1.4	0.04	0.000*	---	5.67	11.332
25776	23566	68131	50	490.2	404.7	1.4	0.04	0.000*	---	6.85	21.076
25777	23567	68131	50	251.3	227.9	1.4	0.04	0.000*	---	4.11	2.943
25778	23568	68131	50	667.6	536	1.4	0.04	0.000*	---	8.7	38.366
25779	23569	68131	50	315.7	275.6	1.4	0.04	0.000*	---	4.89	6.373
25780	23571	68131	50	194.1	185.6	1.4	0.04	0.000*	---	3.41	1.105
25781	23572	68131	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.019
25782	23573	68131	50	288.3	255.4	1.4	0.04	0.000*	---	4.56	4.743
25783	23575	68131	50	198.6	188.9	1.4	0.04	0.000*	---	3.47	1.209
25784	23576	68131	50	392.4	332.4	1.4	0.04	0.000*	---	5.77	12.102
25785	23577	68131	50	444.5	370.9	1.4	0.04	0.000*	---	6.35	16.725
25786	23578	68131	50	288.6	255.6	1.4	0.04	0.000*	---	4.56	4.758
25787	23580	68131	50	179.8	175	1.4	0.04	0.000*	---	3.23	0.811
25788	23581	68131	50	574.7	467.3	1.4	0.04	0.000*	---	7.75	29.401
25789	23582	68131	50	232.1	213.7	1.4	0.04	0.000*	---	3.88	2.201
25790	23583	68131	50	1052.6	820.9	1.4	0.04	0.000*	---	12.28	66.886
25791	23584	68131	50	430.1	360.3	1.4	0.04	0.000*	---	6.19	15.407
25792	23585	68131	50	263.4	236.9	1.4	0.04	0.000*	---	4.26	3.48
25793	23586	68131	50	153.3	155.4	1.4	0.04	0.000*	---	2.9	0.418
25794	23587	68131	50	217.4	202.9	1.4	0.04	0.000*	---	3.7	1.72
25795	23588	68131	50	306.8	269	1.4	0.04	0.000*	---	4.78	5.815
25796	23591	68131	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.24
25797	23595	68131	50	109.2	122.8	1.4	0.04	0.000*	---	2.32	0.095
25798	23596	68131	50	367.3	313.8	1.4	0.04	0.000*	---	5.48	10.065
25799	23599	68131	50	683.6	547.8	1.4	0.04	0.000*	---	8.86	39.854
25800	23600	68131	50	441.2	368.5	1.4	0.04	0.000*	---	6.32	16.428
25801	23602	68131	50	130.6	138.6	1.4	0.04	0.000*	---	2.6	0.21
25802	23603	68131	50	361.1	309.2	1.4	0.04	0.000*	---	5.41	9.583

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25803	23605	68131	50	395.8	334.9	1.4	0.04	0.000*	---	5.81	12.391
25804	23606	68131	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
25805	23607	68131	50	196	187.1	1.4	0.04	0.000*	---	3.44	1.15
25806	23608	68131	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.215
25807	23609	68131	50	198.9	189.1	1.4	0.04	0.000*	---	3.47	1.216
25808	23610	68131	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
25809	23611	68131	50	183.5	177.8	1.4	0.04	0.000*	---	3.28	0.881
25810	23612	68131	50	219.1	204.1	1.4	0.04	0.000*	---	3.72	1.772
25811	23613	68131	50	284.6	252.6	1.4	0.04	0.000*	---	4.52	4.54
25812	23614	68131	50	136.6	143.1	1.4	0.04	0.000*	---	2.68	0.255
25813	23616	68131	50	370	315.8	1.4	0.04	0.000*	---	5.52	10.275
25814	23618	68131	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.394
25815	23619	68131	50	234.8	215.7	1.4	0.04	0.000*	---	3.91	2.298
25816	23620	68131	50	223.7	207.6	1.4	0.04	0.000*	---	3.78	1.919
25817	23621	68131	50	386	327.7	1.4	0.04	0.000*	---	5.7	11.574
25818	23623	68131	50	244.9	223.3	1.4	0.04	0.000*	---	4.04	2.684
25819	23625	68131	50	168.4	166.6	1.4	0.04	0.000*	---	3.09	0.62
25820	23627	68131	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.1
25821	23628	68131	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.836
25822	23629	68131	50	260.1	234.5	1.4	0.04	0.000*	---	4.22	3.329
25823	23631	68131	50	260.2	234.5	1.4	0.04	0.000*	---	4.22	3.332
25824	23633	68131	50	458.2	381.1	1.4	0.04	0.000*	---	6.5	18.011
25825	23634	68131	50	319	278	1.4	0.04	0.000*	---	4.92	6.582
25826	23635	68131	50	254.2	230.1	1.4	0.04	0.000*	---	4.15	3.068
25827	23636	68131	50	313.2	273.8	1.4	0.04	0.000*	---	4.86	6.214
25828	23637	68131	50	529.6	433.9	1.4	0.04	0.000*	---	7.28	24.941
25829	23638	68131	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.203
25830	23639	68131	50	327.8	284.5	1.4	0.04	0.000*	---	5.03	7.165
25831	23640	68131	50	308.3	270.1	1.4	0.04	0.000*	---	4.8	5.906
25832	23641	68131	50	189	181.9	1.4	0.04	0.000*	---	3.35	0.994
25833	23642	68131	50	396.9	335.7	1.4	0.04	0.000*	---	5.82	12.484
25834	23643	68131	50	5711.2	4268.3	1.4	0.04	0.000*	---	36.68	99.715
25835	23644	68131	50	68.2	92.4	1.4	0.04	0.000*	---	1.78	0.012
25836	23645	68131	50	564.1	459.4	1.4	0.04	0.000*	---	7.64	28.356
25837	23646	68131	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.727
25838	23647	68131	50	348.9	300.2	1.4	0.04	0.000*	---	5.27	8.662
25839	23650	68131	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.538
25840	23651	68131	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
25841	23652	68131	50	461.5	383.5	1.4	0.04	0.000*	---	6.54	18.325
25842	23653	68131	50	385.2	327.1	1.4	0.04	0.000*	---	5.69	11.506
25843	23654	68131	50	412.3	347.1	1.4	0.04	0.000*	---	5.99	13.814
25844	23657	68131	50	248.9	226.2	1.4	0.04	0.000*	---	4.09	2.845
25845	23658	68131	50	323.3	281.2	1.4	0.04	0.000*	---	4.97	6.867
25846	23660	68131	50	150	153	1.4	0.04	0.000*	---	2.85	0.381
25847	23661	68131	50	496.6	409.5	1.4	0.04	0.000*	---	6.92	21.704
25848	23662	68131	50	609.6	493.1	1.4	0.04	0.000*	---	8.11	32.821
25849	23663	68131	50	486.1	401.7	1.4	0.04	0.000*	---	6.81	20.681
25850	23664	68131	50	408.6	344.4	1.4	0.04	0.000*	---	5.95	13.496
25851	23666	68131	50	363.5	311	1.4	0.04	0.000*	---	5.44	9.77
25852	23667	68131	50	588.3	477.4	1.4	0.04	0.000*	---	7.89	30.744
25853	23668	68131	50	476.8	394.8	1.4	0.04	0.000*	---	6.71	19.781
25854	23670	68131	50	371.4	316.8	1.4	0.04	0.000*	---	5.53	10.385
25855	23672	68131	50	406.1	342.5	1.4	0.04	0.000*	---	5.93	13.278
25856	23673	68131	50	144.1	148.6	1.4	0.04	0.000*	---	2.78	0.321
25857	23674	68131	50	246.8	224.7	1.4	0.04	0.000*	---	4.06	2.761
25858	23675	68131	50	218.3	203.5	1.4	0.04	0.000*	---	3.71	1.747
25859	23676	68131	50	2005.1	1525.8	1.4	0.04	0.000*	---	19.35	91.994
25860	23679	68131	50	595.1	482.4	1.4	0.04	0.000*	---	7.96	31.41
25861	23681	68131	50	308.7	270.4	1.4	0.04	0.000*	---	4.8	5.932
25862	23683	68131	50	94.4	111.9	1.4	0.04	0.000*	---	2.13	0.05
25863	23686	68131	50	233.6	214.9	1.4	0.04	0.000*	---	3.9	2.255

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25864	23688	68131	50	642.4	517.4	1.4	0.04	0.000*	---	8.45	35.989
25865	23690	68131	50	273.7	244.6	1.4	0.04	0.000*	---	4.39	3.977
25866	23691	68131	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
25867	23696	68131	50	254.7	230.5	1.4	0.04	0.000*	---	4.16	3.091
25868	23698	68131	50	401.2	338.9	1.4	0.04	0.000*	---	5.87	12.851
25869	23700	68131	50	363.2	310.7	1.4	0.04	0.000*	---	5.44	9.74
25870	23701	68131	50	378.7	322.3	1.4	0.04	0.000*	---	5.62	10.973
25871	23702	68131	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.724
25872	23703	68131	50	897.9	706.4	1.4	0.04	0.000*	---	10.91	57.312
25873	23704	68131	50	316.7	276.3	1.4	0.04	0.000*	---	4.9	6.435
25874	23705	68131	50	329	285.5	1.4	0.04	0.000*	---	5.04	7.251
25875	23706	68131	50	834.2	659.3	1.4	0.04	0.000*	---	10.32	52.642
25876	23707	68131	50	155.9	157.3	1.4	0.04	0.000*	---	2.93	0.448
25877	23709	68131	50	380.6	323.6	1.4	0.04	0.000*	---	5.64	11.127
25878	23710	68131	50	146.3	150.2	1.4	0.04	0.000*	---	2.81	0.342
25879	23713	68131	50	731.1	583	1.4	0.04	0.000*	---	9.33	44.136
25880	23716	68131	50	214.1	200.4	1.4	0.04	0.000*	---	3.66	1.622
25881	23717	68131	50	203.3	192.4	1.4	0.04	0.000*	---	3.53	1.327
25882	23718	68131	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
25883	23720	68131	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
25884	23721	68131	50	259.5	234.1	1.4	0.04	0.000*	---	4.22	3.304
25885	23722	68131	50	96.5	113.4	1.4	0.04	0.000*	---	2.16	0.055
25886	23723	68131	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
25887	23725	68131	50	169.9	167.8	1.4	0.04	0.000*	---	3.11	0.644
25888	23726	68131	50	250.4	227.3	1.4	0.04	0.000*	---	4.1	2.906
25889	23727	68131	50	275.6	245.9	1.4	0.04	0.000*	---	4.41	4.069
25890	23728	68131	50	864	681.4	1.4	0.04	0.000*	---	10.59	54.884
25891	23729	68131	50	550.5	449.4	1.4	0.04	0.000*	---	7.5	27.01
25892	23730	68131	50	241	220.3	1.4	0.04	0.000*	---	3.99	2.53
25893	23731	68131	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.385
25894	23732	68131	50	626	505.3	1.4	0.04	0.000*	---	8.28	34.417
25895	23733	68131	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
25896	23734	68131	50	456.9	380.1	1.4	0.04	0.000*	---	6.49	17.886
25897	23735	68131	50	427.2	358.2	1.4	0.04	0.000*	---	6.16	15.149
25898	23737	68131	50	633.3	510.6	1.4	0.04	0.000*	---	8.36	35.117
25899	23738	68131	50	134.4	141.4	1.4	0.04	0.000*	---	2.65	0.237
25900	23739	68131	50	276.4	246.6	1.4	0.04	0.000*	---	4.42	4.113
25901	23741	68131	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.758
25902	23742	68131	50	516	423.9	1.4	0.04	0.000*	---	7.13	23.606
25903	23743	68131	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.335
25904	23746	68131	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.048
25905	23748	68131	50	216.6	202.3	1.4	0.04	0.000*	---	3.69	1.695
25906	23749	68131	50	88.4	107.4	1.4	0.04	0.000*	---	2.05	0.038
25907	23752	68131	50	301.7	265.3	1.4	0.04	0.000*	---	4.72	5.509
25908	23753	68131	50	289.8	256.4	1.4	0.04	0.000*	---	4.58	4.822
25909	23754	68131	50	191.4	183.6	1.4	0.04	0.000*	---	3.38	1.044
25910	23757	68131	50	528.9	433.4	1.4	0.04	0.000*	---	7.27	24.871
25911	23758	68131	50	261.3	235.4	1.4	0.04	0.000*	---	4.24	3.385
25912	23759	68131	50	280.6	249.7	1.4	0.04	0.000*	---	4.47	4.33
25913	23760	68131	50	378.5	322.1	1.4	0.04	0.000*	---	5.61	10.953
25914	23761	68131	50	476.5	394.6	1.4	0.04	0.000*	---	6.71	19.757
25915	23762	68131	50	335.7	290.4	1.4	0.04	0.000*	---	5.12	7.711
25916	23763	68131	50	613	495.6	1.4	0.04	0.000*	---	8.15	33.154
25917	23764	68131	50	190.9	183.3	1.4	0.04	0.000*	---	3.37	1.035
25918	23765	68131	50	195.8	186.9	1.4	0.04	0.000*	---	3.43	1.143
25919	23766	68131	50	286.5	254	1.4	0.04	0.000*	---	4.54	4.644
25920	23767	68131	50	536.5	439	1.4	0.04	0.000*	---	7.35	25.63
25921	23768	68131	50	143.1	147.9	1.4	0.04	0.000*	---	2.76	0.311
25922	23771	68131	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.127
25923	23772	68131	50	608.1	492	1.4	0.04	0.000*	---	8.1	32.674
25924	23773	68131	50	258.8	233.5	1.4	0.04	0.000*	---	4.21	3.272

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25925	23775	68131	50	365.1	312.1	1.4	0.04	0.000*	---	5.46	9.887
25926	23778	68131	50	268.9	240.9	1.4	0.04	0.000*	---	4.33	3.738
25927	23779	68131	50	192.3	184.3	1.4	0.04	0.000*	---	3.39	1.064
25928	23780	68131	50	276	246.3	1.4	0.04	0.000*	---	4.41	4.093
25929	23783	68131	50	494.3	407.8	1.4	0.04	0.000*	---	6.9	21.48
25930	23784	68131	50	359.1	307.7	1.4	0.04	0.000*	---	5.39	9.428
25931	23786	68131	50	405.5	342	1.4	0.04	0.000*	---	5.92	13.219
25932	23787	68131	50	495.3	408.5	1.4	0.04	0.000*	---	6.91	21.575
25933	23788	68131	50	396.7	335.6	1.4	0.04	0.000*	---	5.82	12.47
25934	23789	68131	50	248.4	225.8	1.4	0.04	0.000*	---	4.08	2.823
25935	23790	68131	50	441	368.3	1.4	0.04	0.000*	---	6.32	16.406
25936	23791	68131	50	269.7	241.6	1.4	0.04	0.000*	---	4.34	3.778
25937	23792	68131	50	181.1	176.1	1.4	0.04	0.000*	---	3.25	0.837
25938	23794	68131	50	166.1	164.9	1.4	0.04	0.000*	---	3.06	0.586
25939	23797	68131	50	111.4	124.5	1.4	0.04	0.000*	---	2.35	0.105
25940	23798	68131	50	220	204.8	1.4	0.04	0.000*	---	3.73	1.8
25941	23799	68131	50	515.4	423.4	1.4	0.04	0.000*	---	7.13	23.547
25942	23800	68131	50	215.5	201.5	1.4	0.04	0.000*	---	3.68	1.663
25943	23803	68131	50	112.7	125.4	1.4	0.04	0.000*	---	2.37	0.11
25944	23804	68131	50	170.6	168.3	1.4	0.04	0.000*	---	3.12	0.655
25945	23805	68131	50	256.5	231.8	1.4	0.04	0.000*	---	4.18	3.169
25946	23806	68131	50	396.7	335.6	1.4	0.04	0.000*	---	5.82	12.47
25947	23807	68131	50	542.8	443.6	1.4	0.04	0.000*	---	7.42	26.244
25948	23808	68131	50	289	255.9	1.4	0.04	0.000*	---	4.57	4.782
25949	23809	68131	50	343.3	296.1	1.4	0.04	0.000*	---	5.21	8.256
25950	23810	68131	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
25951	23811	68131	50	526.9	431.9	1.4	0.04	0.000*	---	7.25	24.677
25952	23813	68131	50	124	133.8	1.4	0.04	0.000*	---	2.52	0.167
25953	23814	68131	50	78.6	100.2	1.4	0.04	0.000*	---	1.92	0.022
25954	23816	68131	50	121.1	131.6	1.4	0.04	0.000*	---	2.48	0.151
25955	23817	68131	50	371.3	316.8	1.4	0.04	0.000*	---	5.53	10.379
25956	23818	68131	50	238.5	218.5	1.4	0.04	0.000*	---	3.96	2.437
25957	23819	68131	50	259.7	234.2	1.4	0.04	0.000*	---	4.22	3.312
25958	23821	68131	50	78.5	100.1	1.4	0.04	0.000*	---	1.92	0.022
25959	23822	68131	50	316.5	276.2	1.4	0.04	0.000*	---	4.89	6.422
25960	23823	68131	50	118.9	130	1.4	0.04	0.000*	---	2.45	0.139
25961	23824	68131	50	329.1	285.5	1.4	0.04	0.000*	---	5.04	7.259
25962	23825	68131	50	525.3	430.7	1.4	0.04	0.000*	---	7.23	24.521
25963	23826	68131	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.633
25964	23827	68131	50	176.7	172.8	1.4	0.04	0.000*	---	3.19	0.757
25965	23829	68131	50	85.5	105.3	1.4	0.04	0.000*	---	2.01	0.033
25966	23830	68131	50	75.6	97.9	1.4	0.04	0.000*	---	1.88	0.019
25967	23831	68131	50	173.3	170.3	1.4	0.04	0.000*	---	3.15	0.698
25968	23832	68131	50	305.3	268	1.4	0.04	0.000*	---	4.76	5.727
25969	23833	68131	50	221.1	205.6	1.4	0.04	0.000*	---	3.75	1.835
25970	23834	68131	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.794
25971	23835	68131	50	254.7	230.5	1.4	0.04	0.000*	---	4.16	3.091
25972	23836	68131	50	164.1	163.4	1.4	0.04	0.000*	---	3.03	0.556
25973	23840	68131	50	172.1	169.3	1.4	0.04	0.000*	---	3.13	0.678
25974	23841	68131	50	246.4	224.3	1.4	0.04	0.000*	---	4.06	2.743
25975	23843	68131	50	601.8	487.3	1.4	0.04	0.000*	---	8.03	32.06
25976	23844	68131	50	313.7	274.1	1.4	0.04	0.000*	---	4.86	6.243
25977	23845	68131	50	529.1	433.5	1.4	0.04	0.000*	---	7.27	24.89
25978	23846	68131	50	207.5	195.5	1.4	0.04	0.000*	---	3.58	1.437
25979	23847	68131	50	140.5	145.9	1.4	0.04	0.000*	---	2.73	0.288
25980	23848	68131	50	593.8	481.4	1.4	0.04	0.000*	---	7.95	31.283
25981	23849	68131	50	322.9	280.9	1.4	0.04	0.000*	---	4.97	6.841
25982	23850	68131	50	507.6	417.6	1.4	0.04	0.000*	---	7.04	22.778
25983	23854	68131	50	505.9	416.3	1.4	0.04	0.000*	---	7.02	22.606
25984	23855	68131	50	298.2	262.7	1.4	0.04	0.000*	---	4.68	5.304
25985	23858	68131	50	306.4	268.7	1.4	0.04	0.000*	---	4.77	5.789

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
25986	23859	68131	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.952
25987	23861	68131	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.277
25988	23862	68131	50	238.1	218.2	1.4	0.04	0.000*	---	3.95	2.421
25989	23863	68131	50	423.7	355.5	1.4	0.04	0.000*	---	6.12	14.826
25990	23864	68131	50	466.3	387	1.4	0.04	0.000*	---	6.59	18.775
25991	23866	68131	50	181.7	176.5	1.4	0.04	0.000*	---	3.26	0.848
25992	23868	68131	50	189.9	182.5	1.4	0.04	0.000*	---	3.36	1.012
25993	23870	68131	50	771.9	613.2	1.4	0.04	0.000*	---	9.73	47.637
25994	23872	68131	50	439.4	367.2	1.4	0.04	0.000*	---	6.3	16.262
25995	23873	68131	50	742.3	591.3	1.4	0.04	0.000*	---	9.44	45.114
25996	23875	68131	50	168.3	166.5	1.4	0.04	0.000*	---	3.09	0.618
25997	23877	68131	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.404
25998	23878	68131	50	278.9	248.4	1.4	0.04	0.000*	---	4.45	4.24
25999	23879	68131	50	501.5	413.1	1.4	0.04	0.000*	---	6.98	22.176
26000	23881	68131	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.598
26001	23882	68131	50	556.5	453.8	1.4	0.04	0.000*	---	7.56	27.599
26002	23883	68131	50	142.3	147.3	1.4	0.04	0.000*	---	2.75	0.304
26003	23886	68131	50	276.4	246.6	1.4	0.04	0.000*	---	4.42	4.113
26004	23888	68131	50	177	173	1.4	0.04	0.000*	---	3.2	0.761
26005	23889	68131	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
26006	23890	68131	50	174.5	171.1	1.4	0.04	0.000*	---	3.16	0.718
26007	23891	68131	50	270.5	242.2	1.4	0.04	0.000*	---	4.35	3.819
26008	23892	68131	50	130.2	138.3	1.4	0.04	0.000*	---	2.6	0.207
26009	23893	68131	50	187.9	181	1.4	0.04	0.000*	---	3.33	0.97
26010	23894	68131	50	149.3	152.5	1.4	0.04	0.000*	---	2.84	0.374
26011	23895	68131	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.944
26012	23897	68131	50	306.6	268.9	1.4	0.04	0.000*	---	4.78	5.803
26013	23898	68131	50	398.5	336.9	1.4	0.04	0.000*	---	5.84	12.619
26014	23899	68131	50	192.2	184.2	1.4	0.04	0.000*	---	3.39	1.062
26015	23900	68131	50	120.6	131.3	1.4	0.04	0.000*	---	2.47	0.148
26016	23901	68131	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.647
26017	23903	68131	50	232.2	213.9	1.4	0.04	0.000*	---	3.88	2.207
26018	23904	68131	50	347	298.8	1.4	0.04	0.000*	---	5.25	8.519
26019	23906	68131	50	479.2	396.6	1.4	0.04	0.000*	---	6.73	20.014
26020	23907	68131	50	423.4	355.3	1.4	0.04	0.000*	---	6.12	14.801
26021	23908	68131	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.938
26022	23910	68131	50	106.9	121.1	1.4	0.04	0.000*	---	2.3	0.087
26023	23911	68131	50	306.7	269	1.4	0.04	0.000*	---	4.78	5.811
26024	23912	68131	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
26025	23913	68131	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.541
26026	23914	68131	50	257.5	232.6	1.4	0.04	0.000*	---	4.19	3.213
26027	23915	68131	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
26028	23916	68131	50	207.3	195.4	1.4	0.04	0.000*	---	3.57	1.431
26029	23917	68131	50	231.8	213.5	1.4	0.04	0.000*	---	3.88	2.191
26030	23918	68131	50	152.1	154.5	1.4	0.04	0.000*	---	2.88	0.404
26031	23919	68131	50	297.7	262.3	1.4	0.04	0.000*	---	4.67	5.271
26032	23920	68131	50	192.8	184.6	1.4	0.04	0.000*	---	3.39	1.075
26033	23921	68131	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
26034	23922	68131	50	227.7	210.5	1.4	0.04	0.000*	---	3.83	2.05
26035	23923	68131	50	1225.7	949	1.4	0.04	0.000*	---	13.73	74.984
26036	23924	68131	50	302.8	266.1	1.4	0.04	0.000*	---	4.73	5.575
26037	23925	68131	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.648
26038	23926	68131	50	364.6	311.8	1.4	0.04	0.000*	---	5.45	9.851
26039	23927	68131	50	437.1	365.4	1.4	0.04	0.000*	---	6.27	16.045
26040	23928	68131	50	224.6	208.2	1.4	0.04	0.000*	---	3.79	1.947
26041	23929	68131	50	529.2	433.6	1.4	0.04	0.000*	---	7.27	24.905
26042	23930	68131	50	221.6	205.9	1.4	0.04	0.000*	---	3.75	1.849
26043	23931	68131	50	410.1	345.5	1.4	0.04	0.000*	---	5.97	13.625
26044	23932	68131	50	150.7	153.5	1.4	0.04	0.000*	---	2.86	0.388
26045	23934	68131	50	200.7	190.5	1.4	0.04	0.000*	---	3.49	1.262
26046	23935	68131	50	103.6	118.7	1.4	0.04	0.000*	---	2.25	0.076

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26047	23936	68131	50	262.1	236	1.4	0.04	0.000*	---	4.25	3.422
26048	23937	68131	50	535.3	438.1	1.4	0.04	0.000*	---	7.34	25.505
26049	23938	68131	50	509.1	418.8	1.4	0.04	0.000*	---	7.06	22.928
26050	23939	68131	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.248
26051	23940	68131	50	225.4	208.8	1.4	0.04	0.000*	---	3.8	1.973
26052	23941	68131	50	312.9	273.6	1.4	0.04	0.000*	---	4.85	6.197
26053	23942	68131	50	213.6	200	1.4	0.04	0.000*	---	3.65	1.607
26054	23943	68131	50	301	264.8	1.4	0.04	0.000*	---	4.71	5.47
26055	23944	68131	50	401.8	339.3	1.4	0.04	0.000*	---	5.88	12.904
26056	23946	68131	50	438.5	366.5	1.4	0.04	0.000*	---	6.29	16.176
26057	23947	68131	50	485.7	401.4	1.4	0.04	0.000*	---	6.81	20.643
26058	23948	68131	50	354.4	304.2	1.4	0.04	0.000*	---	5.34	9.069
26059	23949	68131	50	208.6	196.4	1.4	0.04	0.000*	---	3.59	1.467
26060	23951	68131	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.988
26061	23952	68131	50	320.8	279.4	1.4	0.04	0.000*	---	4.94	6.701
26062	23953	68131	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.912
26063	23954	68131	50	425.1	356.6	1.4	0.04	0.000*	---	6.14	14.954
26064	23955	68131	50	2977.1	2245	1.4	0.04	0.000*	---	24.97	97.423
26065	23956	68131	50	348.6	300	1.4	0.04	0.000*	---	5.27	8.643
26066	23959	68131	50	396.8	335.6	1.4	0.04	0.000*	---	5.82	12.475
26067	23960	68131	50	360.3	308.6	1.4	0.04	0.000*	---	5.4	9.521
26068	23961	68131	50	234.8	215.7	1.4	0.04	0.000*	---	3.91	2.298
26069	23963	68131	50	256.7	231.9	1.4	0.04	0.000*	---	4.18	3.176
26070	23964	68131	50	377.7	321.5	1.4	0.04	0.000*	---	5.6	10.888
26071	23965	68131	50	266.3	239.1	1.4	0.04	0.000*	---	4.3	3.616
26072	23967	68131	50	278.1	247.8	1.4	0.04	0.000*	---	4.44	4.199
26073	23968	68131	50	473.6	392.5	1.4	0.04	0.000*	---	6.67	19.478
26074	23969	68131	50	755.5	601	1.4	0.04	0.000*	---	9.57	46.247
26075	23970	68131	50	534	437.2	1.4	0.04	0.000*	---	7.32	25.381
26076	23971	68131	50	168.9	167	1.4	0.04	0.000*	---	3.09	0.627
26077	23972	68131	50	331.5	287.3	1.4	0.04	0.000*	---	5.07	7.418
26078	23973	68131	50	421.6	354	1.4	0.04	0.000*	---	6.1	14.639
26079	23975	68131	50	175.9	172.1	1.4	0.04	0.000*	---	3.18	0.742
26080	23977	68131	50	229.1	211.6	1.4	0.04	0.000*	---	3.84	2.099
26081	23978	68131	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.595
26082	23979	68131	50	153.1	155.3	1.4	0.04	0.000*	---	2.89	0.415
26083	23980	68131	50	394.9	334.2	1.4	0.04	0.000*	---	5.8	12.311
26084	23981	68131	50	380.6	323.6	1.4	0.04	0.000*	---	5.64	11.126
26085	23982	68131	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.864
26086	23983	68131	50	85.6	105.3	1.4	0.04	0.000*	---	2.01	0.033
26087	23984	68131	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
26088	23985	68131	50	226.5	209.6	1.4	0.04	0.000*	---	3.81	2.011
26089	23986	68131	50	268.7	240.8	1.4	0.04	0.000*	---	4.33	3.728
26090	23987	68131	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.068
26091	23988	68131	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
26092	23990	68131	50	345.8	297.9	1.4	0.04	0.000*	---	5.24	8.437
26093	23992	68131	50	252.5	228.8	1.4	0.04	0.000*	---	4.13	2.995
26094	23994	68131	50	175.4	171.8	1.4	0.04	0.000*	---	3.18	0.734
26095	23995	68131	50	402.6	340	1.4	0.04	0.000*	---	5.89	12.976
26096	23996	68131	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.097
26097	23998	68131	50	1424.7	1096.3	1.4	0.04	0.000*	---	15.29	81.689
26098	23999	68131	50	454.2	378.1	1.4	0.04	0.000*	---	6.46	17.636
26099	24000	68131	50	445.6	371.8	1.4	0.04	0.000*	---	6.37	16.834
26100	24002	68131	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.066
26101	24004	68131	50	142.8	147.6	1.4	0.04	0.000*	---	2.76	0.308
26102	24006	68131	50	652.4	524.8	1.4	0.04	0.000*	---	8.55	36.935
26103	24008	68131	50	468.2	388.5	1.4	0.04	0.000*	---	6.61	18.962
26104	24009	68131	50	739.5	589.3	1.4	0.04	0.000*	---	9.41	44.874
26105	24010	68131	50	374	318.8	1.4	0.04	0.000*	---	5.56	10.596
26106	24011	68131	50	139.2	145	1.4	0.04	0.000*	---	2.71	0.276
26107	24014	68131	50	474.6	393.2	1.4	0.04	0.000*	---	6.68	19.569

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26108	24015	68131	50	353	303.2	1.4	0.04	0.000*	---	5.32	8.966
26109	24016	68131	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.876
26110	24017	68131	50	246.3	224.3	1.4	0.04	0.000*	---	4.05	2.739
26111	24018	68131	50	257.3	232.4	1.4	0.04	0.000*	---	4.19	3.203
26112	24019	68131	50	289	255.8	1.4	0.04	0.000*	---	4.57	4.778
26113	24020	68131	50	534	437.2	1.4	0.04	0.000*	---	7.32	25.378
26114	24022	68131	50	497.3	410	1.4	0.04	0.000*	---	6.93	21.768
26115	24023	68131	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.71
26116	24026	68131	50	377	321	1.4	0.04	0.000*	---	5.6	10.838
26117	24027	68131	50	493.3	407	1.4	0.04	0.000*	---	6.89	21.379
26118	24028	68131	50	316	275.9	1.4	0.04	0.000*	---	4.89	6.393
26119	24029	68131	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
26120	24033	68131	50	344.5	296.9	1.4	0.04	0.000*	---	5.22	8.337
26121	24035	68131	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	0.999
26122	24036	68131	50	182.6	177.1	1.4	0.04	0.000*	---	3.27	0.865
26123	24038	68131	50	261.3	235.3	1.4	0.04	0.000*	---	4.24	3.381
26124	24039	68131	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.342
26125	24040	68131	50	385.6	327.4	1.4	0.04	0.000*	---	5.69	11.54
26126	24042	68131	50	252.4	228.8	1.4	0.04	0.000*	---	4.13	2.993
26127	24044	68131	50	326	283.3	1.4	0.04	0.000*	---	5.01	7.051
26128	24047	68131	50	419.3	352.3	1.4	0.04	0.000*	---	6.07	14.44
26129	24048	68131	50	256	231.5	1.4	0.04	0.000*	---	4.17	3.148
26130	24050	68131	50	196.8	187.6	1.4	0.04	0.000*	---	3.44	1.168
26131	24052	68131	50	316.2	276	1.4	0.04	0.000*	---	4.89	6.407
26132	24053	68131	50	263.1	236.7	1.4	0.04	0.000*	---	4.26	3.467
26133	24054	68131	50	153.8	155.8	1.4	0.04	0.000*	---	2.9	0.424
26134	24055	68131	50	228.9	211.4	1.4	0.04	0.000*	---	3.84	2.089
26135	24056	68131	50	57	84.2	1.4	0.04	0.000*	---	1.63	0.006
26136	24057	68131	50	252.1	228.5	1.4	0.04	0.000*	---	4.13	2.978
26137	24058	68131	50	129.3	137.6	1.4	0.04	0.000*	---	2.59	0.2
26138	24059	68131	50	133.9	141.1	1.4	0.04	0.000*	---	2.65	0.233
26139	24060	68131	50	299.8	263.8	1.4	0.04	0.000*	---	4.7	5.394
26140	24062	68131	50	165.2	164.3	1.4	0.04	0.000*	---	3.05	0.572
26141	24063	68131	50	451	375.7	1.4	0.04	0.000*	---	6.43	17.332
26142	24064	68131	50	192.1	184.2	1.4	0.04	0.000*	---	3.39	1.061
26143	24065	68131	50	267.9	240.3	1.4	0.04	0.000*	---	4.32	3.694
26144	24069	68131	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.777
26145	24070	68131	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.231
26146	24071	68131	50	304.8	267.6	1.4	0.04	0.000*	---	4.76	5.695
26147	24073	68131	50	604.7	489.5	1.4	0.04	0.000*	---	8.06	32.347
26148	24074	68131	50	1293.3	999.1	1.4	0.04	0.000*	---	14.27	77.534
26149	24076	68131	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.951
26150	24077	68131	50	487.4	402.7	1.4	0.04	0.000*	---	6.82	20.808
26151	24078	68131	50	321.6	280	1.4	0.04	0.000*	---	4.95	6.756
26152	24079	68131	50	946.6	742.5	1.4	0.04	0.000*	---	11.35	60.596
26153	24080	68131	50	143.7	148.3	1.4	0.04	0.000*	---	2.77	0.317
26154	24081	68131	50	475.7	394	1.4	0.04	0.000*	---	6.7	19.675
26155	24082	68131	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
26156	24083	68131	50	328.1	284.8	1.4	0.04	0.000*	---	5.03	7.192
26157	24084	68131	50	137.2	143.6	1.4	0.04	0.000*	---	2.69	0.26
26158	24086	68131	50	117.6	129	1.4	0.04	0.000*	---	2.43	0.132
26159	24087	68131	50	334.9	289.8	1.4	0.04	0.000*	---	5.11	7.654
26160	24089	68131	50	570.4	464.1	1.4	0.04	0.000*	---	7.71	28.976
26161	24092	68131	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.381
26162	24093	68131	50	557.6	454.6	1.4	0.04	0.000*	---	7.57	27.715
26163	24095	68131	50	320.9	279.5	1.4	0.04	0.000*	---	4.95	6.708
26164	24096	68131	50	426.8	357.8	1.4	0.04	0.000*	---	6.16	15.104
26165	24098	68131	50	472.9	392	1.4	0.04	0.000*	---	6.67	19.41
26166	24099	68131	50	326.8	283.8	1.4	0.04	0.000*	---	5.01	7.099
26167	24101	68131	50	919	722	1.4	0.04	0.000*	---	11.1	58.765
26168	24103	68131	50	656.2	527.6	1.4	0.04	0.000*	---	8.59	37.299

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26169	24104	68131	50	823.9	651.7	1.4	0.04	0.000*	---	10.22	51.844
26170	24105	68131	50	279	248.5	1.4	0.04	0.000*	---	4.45	4.246
26171	24106	68131	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.536
26172	24107	68131	50	245.5	223.7	1.4	0.04	0.000*	---	4.05	2.707
26173	24108	68131	50	167.3	165.8	1.4	0.04	0.000*	---	3.07	0.604
26174	24109	68131	50	281	250	1.4	0.04	0.000*	---	4.47	4.352
26175	24110	68131	50	378.9	322.4	1.4	0.04	0.000*	---	5.62	10.991
26176	24111	68131	50	306.7	269	1.4	0.04	0.000*	---	4.78	5.812
26177	24112	68131	50	393.3	333.1	1.4	0.04	0.000*	---	5.78	12.182
26178	24113	68131	50	183.4	177.8	1.4	0.04	0.000*	---	3.28	0.881
26179	24114	68131	50	549	448.3	1.4	0.04	0.000*	---	7.48	26.865
26180	24115	68131	50	388.4	329.4	1.4	0.04	0.000*	---	5.73	11.769
26181	24116	68131	50	1007.1	787.3	1.4	0.04	0.000*	---	11.88	64.321
26182	24117	68131	50	364.9	312	1.4	0.04	0.000*	---	5.46	9.877
26183	24119	68131	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.89
26184	24120	68131	50	268.8	240.9	1.4	0.04	0.000*	---	4.33	3.737
26185	24122	68131	50	348.3	299.7	1.4	0.04	0.000*	---	5.26	8.613
26186	24123	68131	50	228.6	211.2	1.4	0.04	0.000*	---	3.84	2.081
26187	24124	68131	50	97.3	114	1.4	0.04	0.000*	---	2.17	0.057
26188	24125	68131	50	198.4	188.9	1.4	0.04	0.000*	---	3.47	1.207
26189	24126	68131	50	245.8	223.9	1.4	0.04	0.000*	---	4.05	2.719
26190	24127	68131	50	327	284	1.4	0.04	0.000*	---	5.02	7.112
26191	24128	68131	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.449
26192	24131	68131	50	135.3	142.1	1.4	0.04	0.000*	---	2.66	0.244
26193	24132	68131	50	350.1	301	1.4	0.04	0.000*	---	5.29	8.747
26194	24134	68131	50	556.2	453.5	1.4	0.04	0.000*	---	7.56	27.569
26195	24135	68131	50	152.5	154.8	1.4	0.04	0.000*	---	2.88	0.408
26196	24136	68131	50	505	415.7	1.4	0.04	0.000*	---	7.01	22.525
26197	24137	68131	50	114.1	126.4	1.4	0.04	0.000*	---	2.39	0.116
26198	24138	68131	50	482.3	398.9	1.4	0.04	0.000*	---	6.77	20.31
26199	24139	68131	50	188.7	181.6	1.4	0.04	0.000*	---	3.34	0.987
26200	24140	68131	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.151
26201	24141	68131	50	234	215.1	1.4	0.04	0.000*	---	3.9	2.269
26202	24142	68131	50	380	323.2	1.4	0.04	0.000*	---	5.63	11.079
26203	24143	68131	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
26204	24144	68131	50	459	381.7	1.4	0.04	0.000*	---	6.51	18.089
26205	24145	68131	50	392.4	332.4	1.4	0.04	0.000*	---	5.77	12.102
26206	24146	68131	50	202.8	192	1.4	0.04	0.000*	---	3.52	1.313
26207	24148	68131	50	519	426	1.4	0.04	0.000*	---	7.16	23.894
26208	24149	68131	50	405.7	342.3	1.4	0.04	0.000*	---	5.92	13.244
26209	24150	68131	50	364.2	311.5	1.4	0.04	0.000*	---	5.45	9.819
26210	24152	68131	50	275.3	245.7	1.4	0.04	0.000*	---	4.4	4.054
26211	24153	68131	50	526	431.3	1.4	0.04	0.000*	---	7.24	24.593
26212	24154	68131	50	163.1	162.7	1.4	0.04	0.000*	---	3.02	0.543
26213	24156	68131	50	464.9	386	1.4	0.04	0.000*	---	6.58	18.647
26214	24157	68131	50	454.9	378.6	1.4	0.04	0.000*	---	6.47	17.697
26215	24158	68131	50	254.3	230.2	1.4	0.04	0.000*	---	4.15	3.073
26216	24159	68131	50	345.4	297.6	1.4	0.04	0.000*	---	5.23	8.402
26217	24160	68131	50	341.1	294.4	1.4	0.04	0.000*	---	5.18	8.096
26218	24162	68131	50	211.2	198.3	1.4	0.04	0.000*	---	3.62	1.54
26219	24163	68131	50	472.3	391.5	1.4	0.04	0.000*	---	6.66	19.352
26220	24164	68131	50	422.2	354.4	1.4	0.04	0.000*	---	6.11	14.695
26221	24167	68131	50	244.1	222.6	1.4	0.04	0.000*	---	4.03	2.652
26222	24169	68131	50	376.7	320.8	1.4	0.04	0.000*	---	5.59	10.81
26223	24171	68131	50	465.2	386.2	1.4	0.04	0.000*	---	6.58	18.671
26224	24174	68131	50	466	386.8	1.4	0.04	0.000*	---	6.59	18.749
26225	24175	68131	50	401.4	339	1.4	0.04	0.000*	---	5.87	12.865
26226	24176	68131	50	270.2	241.9	1.4	0.04	0.000*	---	4.34	3.802
26227	24178	68131	50	179.8	175.1	1.4	0.04	0.000*	---	3.23	0.812
26228	24179	68131	50	395	334.3	1.4	0.04	0.000*	---	5.8	12.32
26229	24180	68131	50	647	520.7	1.4	0.04	0.000*	---	8.49	36.421

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26230	24181	68131	50	115.9	127.7	1.4	0.04	0.000*	---	2.41	0.124
26231	24182	68131	50	285.1	253	1.4	0.04	0.000*	---	4.52	4.569
26232	24189	68131	50	133.3	140.6	1.4	0.04	0.000*	---	2.64	0.229
26233	24190	68131	50	124.7	134.3	1.4	0.04	0.000*	---	2.53	0.171
26234	24192	68131	50	153.6	155.7	1.4	0.04	0.000*	---	2.9	0.422
26235	24193	68131	50	310.4	271.7	1.4	0.04	0.000*	---	4.82	6.038
26236	24196	68131	50	26.9	61.9	1.4	0.04	0.000*	---	1.22	0
26237	24197	68131	50	423.9	355.7	1.4	0.04	0.000*	---	6.13	14.848
26238	24199	68131	50	1599.1	1225.3	1.4	0.04	0.000*	---	16.58	85.907
26239	24200	68131	50	500.6	412.4	1.4	0.04	0.000*	---	6.97	22.089
26240	24202	68131	50	355.4	305	1.4	0.04	0.000*	---	5.35	9.146
26241	24203	68131	50	771.3	612.8	1.4	0.04	0.000*	---	9.72	47.59
26242	24204	68131	50	385.5	327.2	1.4	0.04	0.000*	---	5.69	11.526
26243	24207	68131	50	347.1	298.9	1.4	0.04	0.000*	---	5.25	8.532
26244	24208	68131	50	257.1	232.3	1.4	0.04	0.000*	---	4.19	3.196
26245	24209	68131	50	234.3	215.4	1.4	0.04	0.000*	---	3.91	2.281
26246	24211	68131	50	110.9	124	1.4	0.04	0.000*	---	2.35	0.102
26247	24212	68131	50	270.6	242.2	1.4	0.04	0.000*	---	4.35	3.821
26248	24214	68131	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.758
26249	24217	68131	50	324.7	282.3	1.4	0.04	0.000*	---	4.99	6.963
26250	24222	68131	50	251.6	228.2	1.4	0.04	0.000*	---	4.12	2.959
26251	24223	68131	50	336.1	290.7	1.4	0.04	0.000*	---	5.12	7.741
26252	24225	68131	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.852
26253	24226	68131	50	252.2	228.6	1.4	0.04	0.000*	---	4.13	2.984
26254	24227	68131	50	174.6	171.2	1.4	0.04	0.000*	---	3.17	0.72
26255	24234	68131	50	281.8	250.5	1.4	0.04	0.000*	---	4.48	4.392
26256	24235	68131	50	174.4	171	1.4	0.04	0.000*	---	3.16	0.716
26257	24236	68131	50	292.9	258.8	1.4	0.04	0.000*	---	4.62	5
26258	24237	68131	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.743
26259	24238	68131	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.676
26260	24239	68131	50	289.5	256.3	1.4	0.04	0.000*	---	4.58	4.81
26261	24240	68131	50	196.5	187.4	1.4	0.04	0.000*	---	3.44	1.161
26262	24242	68131	50	413	347.6	1.4	0.04	0.000*	---	6	13.882
26263	24244	68131	50	545.5	445.7	1.4	0.04	0.000*	---	7.45	26.514
26264	24245	68131	50	927.4	728.3	1.4	0.04	0.000*	---	11.17	59.332
26265	24248	68131	50	205.3	193.9	1.4	0.04	0.000*	---	3.55	1.379
26266	24249	68131	50	194.8	186.2	1.4	0.04	0.000*	---	3.42	1.122
26267	24250	68131	50	403.9	340.9	1.4	0.04	0.000*	---	5.9	13.08
26268	24251	68131	50	508.6	418.4	1.4	0.04	0.000*	---	7.05	22.878
26269	24252	68131	50	162.9	162.6	1.4	0.04	0.000*	---	3.02	0.54
26270	24253	68131	50	136	142.6	1.4	0.04	0.000*	---	2.67	0.25
26271	24255	68131	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
26272	24258	68131	50	365.5	312.4	1.4	0.04	0.000*	---	5.46	9.917
26273	24259	68131	50	248.2	225.7	1.4	0.04	0.000*	---	4.08	2.817
26274	24260	68131	50	298.5	262.9	1.4	0.04	0.000*	---	4.68	5.322
26275	24262	68131	50	152	154.4	1.4	0.04	0.000*	---	2.88	0.403
26276	24267	68131	50	304.7	267.5	1.4	0.04	0.000*	---	4.75	5.686
26277	24268	68131	50	150.5	153.3	1.4	0.04	0.000*	---	2.86	0.386
26278	24271	68131	50	367.6	314	1.4	0.04	0.000*	---	5.49	10.087
26279	24272	68131	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.987
26280	24274	68131	50	419.8	352.7	1.4	0.04	0.000*	---	6.08	14.484
26281	24275	68131	50	318.5	277.7	1.4	0.04	0.000*	---	4.92	6.554
26282	24276	68131	50	369	315	1.4	0.04	0.000*	---	5.5	10.193
26283	24277	68131	50	453.5	377.6	1.4	0.04	0.000*	---	6.45	17.569
26284	24279	68131	50	434.6	363.6	1.4	0.04	0.000*	---	6.24	15.817
26285	24282	68131	50	160.1	160.5	1.4	0.04	0.000*	---	2.98	0.502
26286	24284	68131	50	286.2	253.8	1.4	0.04	0.000*	---	4.54	4.628
26287	24286	68131	50	122	132.3	1.4	0.04	0.000*	---	2.49	0.156
26288	24287	68131	50	65.9	90.8	1.4	0.04	0.000*	---	1.75	0.011
26289	24288	68131	50	227	210	1.4	0.04	0.000*	---	3.82	2.028
26290	24289	68131	50	488.9	403.8	1.4	0.04	0.000*	---	6.84	20.957

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26291	24290	68131	50	289.5	256.2	1.4	0.04	0.000*	---	4.58	4.808
26292	24291	68131	50	164.2	163.5	1.4	0.04	0.000*	---	3.03	0.559
26293	24292	68131	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
26294	24295	68131	50	316	275.9	1.4	0.04	0.000*	---	4.89	6.394
26295	24296	68131	50	383.7	326	1.4	0.04	0.000*	---	5.67	11.383
26296	24299	68131	50	326.1	283.3	1.4	0.04	0.000*	---	5.01	7.056
26297	24300	68131	50	286.2	253.8	1.4	0.04	0.000*	---	4.54	4.626
26298	24301	68131	50	276.1	246.4	1.4	0.04	0.000*	---	4.42	4.099
26299	24303	68131	50	299.6	263.7	1.4	0.04	0.000*	---	4.69	5.384
26300	24304	68131	50	69.5	93.4	1.4	0.04	0.000*	---	1.8	0.013
26301	24305	68131	50	427.7	358.5	1.4	0.04	0.000*	---	6.17	15.188
26302	24307	68131	50	362.8	310.4	1.4	0.04	0.000*	---	5.43	9.708
26303	24308	68131	50	601.5	487.1	1.4	0.04	0.000*	---	8.03	32.033
26304	24310	68131	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.775
26305	24314	68131	50	222.8	206.9	1.4	0.04	0.000*	---	3.77	1.889
26306	24315	68131	50	754.6	600.4	1.4	0.04	0.000*	---	9.56	46.175
26307	24316	68131	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
26308	24318	68131	50	341	294.4	1.4	0.04	0.000*	---	5.18	8.089
26309	24319	68131	50	202.5	191.9	1.4	0.04	0.000*	---	3.52	1.308
26310	24320	68131	50	389	329.9	1.4	0.04	0.000*	---	5.73	11.823
26311	24327	68131	50	291.5	257.7	1.4	0.04	0.000*	---	4.6	4.921
26312	24328	68131	50	156.7	158	1.4	0.04	0.000*	---	2.94	0.459
26313	24334	68131	50	124.3	134	1.4	0.04	0.000*	---	2.52	0.169
26314	24339	68131	50	248.2	225.7	1.4	0.04	0.000*	---	4.08	2.817
26315	24342	68131	50	116	127.8	1.4	0.04	0.000*	---	2.41	0.125
26316	24343	68131	50	285	252.9	1.4	0.04	0.000*	---	4.52	4.563
26317	24344	68131	50	359.5	308.1	1.4	0.04	0.000*	---	5.4	9.461
26318	24348	68131	50	810.1	641.5	1.4	0.04	0.000*	---	10.09	50.756
26319	24350	68131	50	267.1	239.6	1.4	0.04	0.000*	---	4.31	3.653
26320	24352	68131	50	283.1	251.5	1.4	0.04	0.000*	---	4.5	4.459
26321	24357	68131	50	242.3	221.3	1.4	0.04	0.000*	---	4.01	2.581
26322	24358	68131	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
26323	24359	68131	50	290	256.6	1.4	0.04	0.000*	---	4.58	4.835
26324	24361	68131	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.752
26325	24362	68131	50	286.1	253.7	1.4	0.04	0.000*	---	4.53	4.622
26326	24365	68131	50	500.2	412.1	1.4	0.04	0.000*	---	6.96	22.053
26327	24366	68131	50	518.5	425.7	1.4	0.04	0.000*	---	7.16	23.85
26328	24367	68131	50	369.2	315.2	1.4	0.04	0.000*	---	5.51	10.21
26329	24369	68131	50	353.1	303.3	1.4	0.04	0.000*	---	5.32	8.972
26330	24370	68131	50	490.8	405.2	1.4	0.04	0.000*	---	6.86	21.133
26331	24371	68131	50	288.3	255.4	1.4	0.04	0.000*	---	4.56	4.743
26332	24372	68131	50	202.9	192.2	1.4	0.04	0.000*	---	3.52	1.318
26333	24374	68131	50	165.6	164.6	1.4	0.04	0.000*	---	3.05	0.578
26334	24375	68131	50	433.3	362.6	1.4	0.04	0.000*	---	6.23	15.697
26335	24376	68131	50	280.1	249.3	1.4	0.04	0.000*	---	4.46	4.301
26336	24377	68131	50	295.7	260.9	1.4	0.04	0.000*	---	4.65	5.16
26337	24379	68131	50	374.3	319	1.4	0.04	0.000*	---	5.56	10.618
26338	24381	68131	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.016
26339	24382	68131	50	227.3	210.2	1.4	0.04	0.000*	---	3.82	2.035
26340	24384	68131	50	350.8	301.6	1.4	0.04	0.000*	---	5.29	8.799
26341	24385	68131	50	1194.6	926	1.4	0.04	0.000*	---	13.47	73.705
26342	24386	68131	50	400.4	338.3	1.4	0.04	0.000*	---	5.86	12.783
26343	24387	68131	50	269.4	241.3	1.4	0.04	0.000*	---	4.33	3.762
26344	24388	68131	50	546.6	446.5	1.4	0.04	0.000*	---	7.46	26.629
26345	24389	68131	50	407.1	343.2	1.4	0.04	0.000*	---	5.94	13.361
26346	24390	68131	50	155.5	157.1	1.4	0.04	0.000*	---	2.92	0.444
26347	24391	68131	50	301.7	265.3	1.4	0.04	0.000*	---	4.72	5.509
26348	24392	68131	50	158.2	159	1.4	0.04	0.000*	---	2.96	0.477
26349	24393	68131	50	192.6	184.5	1.4	0.04	0.000*	---	3.39	1.071
26350	24394	68131	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.506
26351	24395	68131	50	458.8	381.5	1.4	0.04	0.000*	---	6.51	18.07

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26352	24396	68131	50	280.5	249.6	1.4	0.04	0.000*	---	4.47	4.323
26353	24397	68131	50	217.5	203	1.4	0.04	0.000*	---	3.7	1.725
26354	24398	68131	50	369.6	315.5	1.4	0.04	0.000*	---	5.51	10.241
26355	24399	68131	50	357.6	306.6	1.4	0.04	0.000*	---	5.37	9.31
26356	24400	68131	50	490.3	404.8	1.4	0.04	0.000*	---	6.85	21.084
26357	24403	68131	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.315
26358	24404	68131	50	213	199.6	1.4	0.04	0.000*	---	3.65	1.59
26359	24406	68131	50	190.3	182.8	1.4	0.04	0.000*	---	3.36	1.021
26360	24407	68131	50	410.3	345.6	1.4	0.04	0.000*	---	5.97	13.64
26361	24410	68131	50	1212.9	939.6	1.4	0.04	0.000*	---	13.62	74.467
26362	24411	68131	50	416.3	350	1.4	0.04	0.000*	---	6.04	14.166
26363	24412	68131	50	298.4	262.9	1.4	0.04	0.000*	---	4.68	5.317
26364	24413	68131	50	272.9	244	1.4	0.04	0.000*	---	4.38	3.937
26365	24414	68131	50	337.5	291.7	1.4	0.04	0.000*	---	5.14	7.837
26366	24415	68131	50	465.7	386.6	1.4	0.04	0.000*	---	6.59	18.725
26367	24416	68131	50	160.3	160.6	1.4	0.04	0.000*	---	2.98	0.504
26368	24417	68131	50	357	306.2	1.4	0.04	0.000*	---	5.37	9.267
26369	24418	68131	50	203.3	192.4	1.4	0.04	0.000*	---	3.53	1.327
26370	24420	68131	50	218.1	203.4	1.4	0.04	0.000*	---	3.71	1.743
26371	24421	68131	50	735.7	586.4	1.4	0.04	0.000*	---	9.38	44.541
26372	24423	68131	50	352.9	303.1	1.4	0.04	0.000*	---	5.32	8.957
26373	24424	68131	50	545.6	445.8	1.4	0.04	0.000*	---	7.45	26.529
26374	24426	68131	50	141.4	146.7	1.4	0.04	0.000*	---	2.74	0.296
26375	24428	68131	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.699
26376	24430	68131	50	214.4	200.7	1.4	0.04	0.000*	---	3.66	1.632
26377	24431	68131	50	509.4	419	1.4	0.04	0.000*	---	7.06	22.955
26378	24432	68131	50	159.3	159.9	1.4	0.04	0.000*	---	2.97	0.492
26379	24433	68131	50	56.1	83.5	1.4	0.04	0.000*	---	1.62	0.005
26380	24434	68131	50	776.9	616.9	1.4	0.04	0.000*	---	9.77	48.056
26381	24435	68131	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.66
26382	24436	68131	50	197.7	188.3	1.4	0.04	0.000*	---	3.46	1.189
26383	24437	68131	50	402.1	339.5	1.4	0.04	0.000*	---	5.88	12.929
26384	24438	68131	50	717	572.6	1.4	0.04	0.000*	---	9.19	42.891
26385	24439	68131	50	450.7	375.5	1.4	0.04	0.000*	---	6.42	17.307
26386	24441	68131	50	579.1	470.5	1.4	0.04	0.000*	---	7.8	29.832
26387	24442	68131	50	162.9	162.5	1.4	0.04	0.000*	---	3.02	0.539
26388	24443	68131	50	345	297.3	1.4	0.04	0.000*	---	5.23	8.378
26389	24445	68131	50	593.8	481.4	1.4	0.04	0.000*	---	7.95	31.276
26390	24447	68131	50	260.1	234.4	1.4	0.04	0.000*	---	4.22	3.327
26391	24449	68131	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.865
26392	24451	68131	50	198.1	188.6	1.4	0.04	0.000*	---	3.46	1.198
26393	24452	68131	50	399.8	337.8	1.4	0.04	0.000*	---	5.85	12.728
26394	24453	68131	50	249.6	226.7	1.4	0.04	0.000*	---	4.09	2.874
26395	24456	68131	50	131.2	139.1	1.4	0.04	0.000*	---	2.61	0.214
26396	24457	68131	50	233.2	214.6	1.4	0.04	0.000*	---	3.89	2.242
26397	24458	68131	50	317.5	276.9	1.4	0.04	0.000*	---	4.91	6.486
26398	24462	68131	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
26399	24464	68131	50	255.9	231.4	1.4	0.04	0.000*	---	4.17	3.142
26400	24466	68131	50	409.5	345	1.4	0.04	0.000*	---	5.96	13.569
26401	24468	68131	50	236.8	217.2	1.4	0.04	0.000*	---	3.94	2.373
26402	24474	68131	50	267.8	240.1	1.4	0.04	0.000*	---	4.31	3.685
26403	24475	68131	50	451.6	376.2	1.4	0.04	0.000*	---	6.43	17.389
26404	24478	68131	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.156
26405	24479	68131	50	149.4	152.5	1.4	0.04	0.000*	---	2.84	0.374
26406	24480	68131	50	823.1	651.1	1.4	0.04	0.000*	---	10.21	51.781
26407	24481	68131	50	309.8	271.3	1.4	0.04	0.000*	---	4.82	6.002
26408	24482	68131	50	182.2	176.8	1.4	0.04	0.000*	---	3.26	0.856
26409	24483	68131	50	941.8	738.9	1.4	0.04	0.000*	---	11.3	60.278
26410	24485	68131	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
26411	24487	68131	50	474.7	393.3	1.4	0.04	0.000*	---	6.69	19.584
26412	24488	68131	50	266.2	239	1.4	0.04	0.000*	---	4.3	3.609

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26413	24491	68131	50	367.1	313.7	1.4	0.04	0.000*	---	5.48	10.047
26414	24492	68131	50	333.8	289	1.4	0.04	0.000*	---	5.1	7.581
26415	24493	68131	50	467.7	388.1	1.4	0.04	0.000*	---	6.61	18.915
26416	24500	68131	50	187.8	181	1.4	0.04	0.000*	---	3.33	0.969
26417	24501	68131	50	235.1	215.9	1.4	0.04	0.000*	---	3.92	2.309
26418	24502	68131	50	246.8	224.6	1.4	0.04	0.000*	---	4.06	2.759
26419	24504	68131	50	237.6	217.8	1.4	0.04	0.000*	---	3.95	2.401
26420	24505	68131	50	664.7	533.9	1.4	0.04	0.000*	---	8.67	38.099
26421	24507	68131	50	285.3	253.1	1.4	0.04	0.000*	---	4.52	4.578
26422	24509	68131	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
26423	24510	68131	50	146.2	150.2	1.4	0.04	0.000*	---	2.8	0.342
26424	24513	68131	50	172.1	169.3	1.4	0.04	0.000*	---	3.13	0.678
26425	24515	68131	50	247.9	225.4	1.4	0.04	0.000*	---	4.07	2.803
26426	24516	68131	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.041
26427	24518	68131	50	179.7	174.9	1.4	0.04	0.000*	---	3.23	0.809
26428	24520	68131	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
26429	24521	68131	50	229.9	212.2	1.4	0.04	0.000*	---	3.85	2.127
26430	24523	68131	50	237.1	217.5	1.4	0.04	0.000*	---	3.94	2.384
26431	24524	68131	50	412.3	347.1	1.4	0.04	0.000*	---	6	13.816
26432	24526	68131	50	344	296.5	1.4	0.04	0.000*	---	5.22	8.303
26433	24527	68131	50	83.7	103.9	1.4	0.04	0.000*	---	1.99	0.03
26434	24528	68131	50	895.9	705	1.4	0.04	0.000*	---	10.89	57.175
26435	24531	68131	50	70.7	94.3	1.4	0.04	0.000*	---	1.82	0.014
26436	24533	68131	50	39	70.9	1.4	0.04	0.000*	---	1.39	0.001
26437	24534	68131	50	88.8	107.8	1.4	0.04	0.000*	---	2.06	0.038
26438	24535	68131	50	1018.6	795.8	1.4	0.04	0.000*	---	11.98	64.99
26439	24536	68131	50	145	149.3	1.4	0.04	0.000*	---	2.79	0.33
26440	24538	68131	50	393.1	332.9	1.4	0.04	0.000*	---	5.78	12.166
26441	24540	68131	50	245.4	223.6	1.4	0.04	0.000*	---	4.04	2.705
26442	24541	68131	50	434.8	363.7	1.4	0.04	0.000*	---	6.25	15.835
26443	24542	68131	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.105
26444	24543	68131	50	398.5	336.9	1.4	0.04	0.000*	---	5.84	12.621
26445	24544	68131	50	539.3	441.1	1.4	0.04	0.000*	---	7.38	25.9
26446	24546	68131	50	290.3	256.8	1.4	0.04	0.000*	---	4.58	4.85
26447	24549	68131	50	303.3	266.4	1.4	0.04	0.000*	---	4.74	5.602
26448	24552	68131	50	413.4	347.9	1.4	0.04	0.000*	---	6.01	13.911
26449	24555	68131	50	923.5	725.4	1.4	0.04	0.000*	---	11.14	59.07
26450	24556	68131	50	476.3	394.5	1.4	0.04	0.000*	---	6.7	19.74
26451	24557	68131	50	437.6	365.8	1.4	0.04	0.000*	---	6.28	16.094
26452	24559	68131	50	179.1	174.5	1.4	0.04	0.000*	---	3.22	0.798
26453	24560	68131	50	374.4	319.1	1.4	0.04	0.000*	---	5.57	10.626
26454	24565	68131	50	370.9	316.5	1.4	0.04	0.000*	---	5.53	10.349
26455	24566	68131	50	935.8	734.5	1.4	0.04	0.000*	---	11.25	59.885
26456	24567	68131	50	48.8	78.2	1.4	0.04	0.000*	---	1.52	0.003
26457	24568	68131	50	313.1	273.7	1.4	0.04	0.000*	---	4.85	6.207
26458	24569	68131	50	255.7	231.2	1.4	0.04	0.000*	---	4.17	3.133
26459	24571	68131	50	130.4	138.5	1.4	0.04	0.000*	---	2.6	0.208
26460	24572	68131	50	333.1	288.5	1.4	0.04	0.000*	---	5.09	7.531
26461	24573	68131	50	396.6	335.5	1.4	0.04	0.000*	---	5.82	12.46
26462	24574	68131	50	416.9	350.5	1.4	0.04	0.000*	---	6.05	14.224
26463	24577	68131	50	174	170.7	1.4	0.04	0.000*	---	3.16	0.709
26464	24579	68131	50	251.4	228.1	1.4	0.04	0.000*	---	4.12	2.951
26465	24581	68131	50	604.2	489.1	1.4	0.04	0.000*	---	8.06	32.301
26466	24582	68131	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
26467	24583	68131	50	344.9	297.3	1.4	0.04	0.000*	---	5.23	8.371
26468	24584	68131	50	146.6	150.5	1.4	0.04	0.000*	---	2.81	0.346
26469	24587	68131	50	201.4	191.1	1.4	0.04	0.000*	---	3.5	1.28
26470	24591	68131	50	618.1	499.4	1.4	0.04	0.000*	---	8.2	33.648
26471	24592	68131	50	479.1	396.6	1.4	0.04	0.000*	---	6.73	20.01
26472	24595	68131	50	436.1	364.8	1.4	0.04	0.000*	---	6.26	15.959
26473	24596	68131	50	256.2	231.6	1.4	0.04	0.000*	---	4.18	3.157

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26474	24597	68131	50	360.5	308.8	1.4	0.04	0.000*	---	5.41	9.537
26475	24599	68131	50	762.1	606	1.4	0.04	0.000*	---	9.63	46.816
26476	24600	68131	50	414	348.4	1.4	0.04	0.000*	---	6.01	13.97
26477	24601	68131	50	179.5	174.8	1.4	0.04	0.000*	---	3.23	0.806
26478	24604	68131	50	249.7	226.8	1.4	0.04	0.000*	---	4.1	2.879
26479	24605	68131	50	166.6	165.3	1.4	0.04	0.000*	---	3.07	0.594
26480	24606	68131	50	238.6	218.6	1.4	0.04	0.000*	---	3.96	2.44
26481	24607	68131	50	328.7	285.3	1.4	0.04	0.000*	---	5.04	7.231
26482	24609	68131	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.842
26483	24610	68131	50	466.4	387.2	1.4	0.04	0.000*	---	6.6	18.793
26484	24611	68131	50	1060.8	827	1.4	0.04	0.000*	---	12.35	67.328
26485	24612	68131	50	493.1	406.9	1.4	0.04	0.000*	---	6.89	21.362
26486	24613	68131	50	437.1	365.5	1.4	0.04	0.000*	---	6.27	16.049
26487	24614	68131	50	312.3	273.1	1.4	0.04	0.000*	---	4.84	6.154
26488	24615	68131	50	488.4	403.4	1.4	0.04	0.000*	---	6.83	20.905
26489	24616	68131	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.701
26490	24618	68131	50	712.3	569.1	1.4	0.04	0.000*	---	9.15	42.467
26491	24619	68131	50	321.8	280.2	1.4	0.04	0.000*	---	4.96	6.771
26492	24620	68131	50	267.3	239.8	1.4	0.04	0.000*	---	4.31	3.662
26493	24621	68131	50	709.8	567.2	1.4	0.04	0.000*	---	9.12	42.242
26494	24625	68131	50	718.7	573.8	1.4	0.04	0.000*	---	9.21	43.036
26495	24626	68131	50	550.9	449.6	1.4	0.04	0.000*	---	7.5	27.045
26496	24628	68131	50	583.8	474	1.4	0.04	0.000*	---	7.85	30.296
26497	24631	68131	50	769.7	611.5	1.4	0.04	0.000*	---	9.7	47.45
26498	24635	68131	50	614	496.4	1.4	0.04	0.000*	---	8.16	33.256
26499	24639	68131	50	127.9	136.6	1.4	0.04	0.000*	---	2.57	0.191
26500	24640	68131	50	346.4	298.4	1.4	0.04	0.000*	---	5.24	8.48
26501	24641	68131	50	162	161.9	1.4	0.04	0.000*	---	3.01	0.527
26502	24643	68131	50	288.5	255.4	1.4	0.04	0.000*	---	4.56	4.75
26503	24646	68131	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
26504	24647	68131	50	267.1	239.6	1.4	0.04	0.000*	---	4.31	3.653
26505	24648	68131	50	199.8	189.8	1.4	0.04	0.000*	---	3.48	1.239
26506	24649	68131	50	132.9	140.4	1.4	0.04	0.000*	---	2.63	0.226
26507	24652	68131	50	343.8	296.4	1.4	0.04	0.000*	---	5.21	8.291
26508	24653	68131	50	230.8	212.8	1.4	0.04	0.000*	---	3.86	2.155
26509	24655	68131	50	409.8	345.2	1.4	0.04	0.000*	---	5.97	13.594
26510	24656	68131	50	295.2	260.5	1.4	0.04	0.000*	---	4.64	5.129
26511	24657	68131	50	216	201.8	1.4	0.04	0.000*	---	3.68	1.678
26512	24659	68131	50	386.3	327.9	1.4	0.04	0.000*	---	5.7	11.598
26513	24660	68131	50	476.5	394.6	1.4	0.04	0.000*	---	6.71	19.756
26514	24661	68131	50	151.2	153.9	1.4	0.04	0.000*	---	2.87	0.395
26515	24663	68131	50	281.3	250.2	1.4	0.04	0.000*	---	4.48	4.366
26516	24668	68131	50	295.2	260.5	1.4	0.04	0.000*	---	4.64	5.13
26517	24669	68131	50	630.6	508.7	1.4	0.04	0.000*	---	8.33	34.861
26518	24671	68131	50	234.6	215.6	1.4	0.04	0.000*	---	3.91	2.293
26519	24672	68131	50	354.5	304.3	1.4	0.04	0.000*	---	5.34	9.078
26520	24674	68131	50	553.3	451.4	1.4	0.04	0.000*	---	7.53	27.282
26521	24675	68131	50	150	153	1.4	0.04	0.000*	---	2.85	0.381
26522	24678	68131	50	92.7	110.6	1.4	0.04	0.000*	---	2.11	0.046
26523	24680	68131	50	59.3	85.9	1.4	0.04	0.000*	---	1.66	0.007
26524	24682	68131	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.334
26525	24683	68131	50	178.4	174	1.4	0.04	0.000*	---	3.21	0.787
26526	24684	68131	50	847.8	669.4	1.4	0.04	0.000*	---	10.44	53.674
26527	24685	68131	50	354.6	304.4	1.4	0.04	0.000*	---	5.34	9.085
26528	24686	68131	50	344.4	296.8	1.4	0.04	0.000*	---	5.22	8.329
26529	24688	68131	50	413	347.6	1.4	0.04	0.000*	---	6	13.874
26530	24689	68131	50	99.8	115.9	1.4	0.04	0.000*	---	2.2	0.064
26531	24690	68131	50	607	491.2	1.4	0.04	0.000*	---	8.09	32.568
26532	24692	68131	50	240.2	219.7	1.4	0.04	0.000*	---	3.98	2.499
26533	24693	68131	50	376.2	320.4	1.4	0.04	0.000*	---	5.59	10.767
26534	24694	68131	50	235.4	216.2	1.4	0.04	0.000*	---	3.92	2.322

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26535	24695	68131	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.04
26536	24696	68131	50	363.6	311.1	1.4	0.04	0.000*	---	5.44	9.776
26537	24697	68131	50	802.3	635.7	1.4	0.04	0.000*	---	10.02	50.127
26538	24699	68131	50	376.7	320.8	1.4	0.04	0.000*	---	5.59	10.812
26539	24700	68131	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.487
26540	24701	68131	50	136.1	142.7	1.4	0.04	0.000*	---	2.67	0.251
26541	24703	68131	50	316.1	275.9	1.4	0.04	0.000*	---	4.89	6.397
26542	24704	68131	50	554.4	452.2	1.4	0.04	0.000*	---	7.54	27.394
26543	24705	68131	50	227.8	210.6	1.4	0.04	0.000*	---	3.83	2.054
26544	24706	68131	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.467
26545	24709	68131	50	294.7	260.1	1.4	0.04	0.000*	---	4.64	5.101
26546	24710	68131	50	184.7	178.6	1.4	0.04	0.000*	---	3.29	0.905
26547	24711	68131	50	178.2	173.9	1.4	0.04	0.000*	---	3.21	0.782
26548	24712	68131	50	173.6	170.5	1.4	0.04	0.000*	---	3.15	0.703
26549	24713	68131	50	91.7	109.9	1.4	0.04	0.000*	---	2.1	0.044
26550	24714	68131	50	172.8	169.9	1.4	0.04	0.000*	---	3.14	0.69
26551	24716	68131	50	308.9	270.5	1.4	0.04	0.000*	---	4.8	5.942
26552	24718	68131	50	516.1	423.9	1.4	0.04	0.000*	---	7.13	23.61
26553	24722	68131	50	681	546	1.4	0.04	0.000*	---	8.84	39.618
26554	24724	68131	50	252	228.5	1.4	0.04	0.000*	---	4.12	2.974
26555	24728	68131	50	296.6	261.5	1.4	0.04	0.000*	---	4.66	5.207
26556	24729	68131	50	480.2	397.3	1.4	0.04	0.000*	---	6.75	20.109
26557	24730	68131	50	177.9	173.7	1.4	0.04	0.000*	---	3.21	0.778
26558	24732	68131	50	1198.5	928.9	1.4	0.04	0.000*	---	13.51	73.871
26559	24734	68131	50	305.3	267.9	1.4	0.04	0.000*	---	4.76	5.725
26560	24735	68131	50	207	195.2	1.4	0.04	0.000*	---	3.57	1.425
26561	24736	68131	50	277.8	247.6	1.4	0.04	0.000*	---	4.43	4.182
26562	24737	68131	50	396.1	335.1	1.4	0.04	0.000*	---	5.81	12.42
26563	24738	68131	50	177.8	173.6	1.4	0.04	0.000*	---	3.21	0.775
26564	24740	68131	50	335.7	290.4	1.4	0.04	0.000*	---	5.12	7.712
26565	24742	68131	50	109.1	122.7	1.4	0.04	0.000*	---	2.32	0.095
26566	24744	68131	50	381.2	324.1	1.4	0.04	0.000*	---	5.64	11.172
26567	24746	68131	50	657.6	528.7	1.4	0.04	0.000*	---	8.6	37.434
26568	24747	68131	50	179.7	175	1.4	0.04	0.000*	---	3.23	0.81
26569	24750	68131	50	265.1	238.2	1.4	0.04	0.000*	---	4.28	3.559
26570	24751	68131	50	273.3	244.2	1.4	0.04	0.000*	---	4.38	3.953
26571	24755	68131	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.79
26572	24757	68131	50	418.9	352	1.4	0.04	0.000*	---	6.07	14.398
26573	24758	68131	50	227.3	210.2	1.4	0.04	0.000*	---	3.82	2.036
26574	24759	68131	50	109.1	122.8	1.4	0.04	0.000*	---	2.32	0.095
26575	24760	68131	50	161.3	161.3	1.4	0.04	0.000*	---	3	0.518
26576	24761	68131	50	198.6	189	1.4	0.04	0.000*	---	3.47	1.21
26577	24762	68131	50	872.5	687.7	1.4	0.04	0.000*	---	10.67	55.506
26578	24763	68131	50	134.8	141.7	1.4	0.04	0.000*	---	2.66	0.24
26579	24764	68131	50	221.4	205.8	1.4	0.04	0.000*	---	3.75	1.844
26580	24765	68131	50	179.4	174.7	1.4	0.04	0.000*	---	3.23	0.804
26581	24768	68131	50	204.1	193.1	1.4	0.04	0.000*	---	3.54	1.349
26582	24771	68131	50	592.6	480.6	1.4	0.04	0.000*	---	7.94	31.167
26583	24773	68131	50	589.4	478.2	1.4	0.04	0.000*	---	7.91	30.852
26584	24775	68131	50	392.8	332.6	1.4	0.04	0.000*	---	5.77	12.134
26585	24776	68131	50	333.4	288.8	1.4	0.04	0.000*	---	5.09	7.556
26586	24778	68131	50	129	137.4	1.4	0.04	0.000*	---	2.58	0.198
26587	24779	68131	50	275.9	246.2	1.4	0.04	0.000*	---	4.41	4.087
26588	24780	68131	50	85.7	105.4	1.4	0.04	0.000*	---	2.02	0.033
26589	24781	68131	50	482.2	398.9	1.4	0.04	0.000*	---	6.77	20.307
26590	24782	68131	50	83.8	104	1.4	0.04	0.000*	---	1.99	0.03
26591	24783	68131	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.727
26592	24784	68131	50	281	250	1.4	0.04	0.000*	---	4.47	4.351
26593	24785	68131	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.456
26594	24787	68131	50	157.6	158.6	1.4	0.04	0.000*	---	2.95	0.469
26595	24788	68131	50	397.1	335.9	1.4	0.04	0.000*	---	5.82	12.504

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26596	24790	68131	50	137.1	143.5	1.4	0.04	0.000*	---	2.69	0.259
26597	24792	68131	50	221.5	205.9	1.4	0.04	0.000*	---	3.75	1.848
26598	24793	68131	50	380.3	323.4	1.4	0.04	0.000*	---	5.63	11.101
26599	24794	68131	50	192.9	184.7	1.4	0.04	0.000*	---	3.4	1.077
26600	24795	68131	50	137.4	143.6	1.4	0.04	0.000*	---	2.69	0.261
26601	24799	68131	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.301
26602	24800	68131	50	104.1	119	1.4	0.04	0.000*	---	2.26	0.077
26603	24801	68131	50	266.4	239.2	1.4	0.04	0.000*	---	4.3	3.622
26604	24802	68131	50	223.4	207.3	1.4	0.04	0.000*	---	3.77	1.909
26605	24803	68131	50	274.5	245.1	1.4	0.04	0.000*	---	4.4	4.015
26606	24807	68131	50	262.5	236.3	1.4	0.04	0.000*	---	4.25	3.441
26607	24808	68131	50	238	218.1	1.4	0.04	0.000*	---	3.95	2.416
26608	24809	68131	50	188.8	181.7	1.4	0.04	0.000*	---	3.34	0.989
26609	24811	68131	50	394.1	333.6	1.4	0.04	0.000*	---	5.79	12.245
26610	24812	68131	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.027
26611	24813	68131	50	220.1	204.9	1.4	0.04	0.000*	---	3.73	1.804
26612	24815	68131	50	86	105.7	1.4	0.04	0.000*	---	2.02	0.033
26613	24816	68131	50	320.1	278.9	1.4	0.04	0.000*	---	4.94	6.66
26614	24818	68131	50	251.6	228.1	1.4	0.04	0.000*	---	4.12	2.955
26615	24820	68131	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.311
26616	24822	68131	50	122.3	132.5	1.4	0.04	0.000*	---	2.5	0.157
26617	24823	68131	50	121.5	131.9	1.4	0.04	0.000*	---	2.49	0.153
26618	24824	68131	50	153.2	155.4	1.4	0.04	0.000*	---	2.89	0.417
26619	24825	68131	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.074
26620	24827	68131	50	342.7	295.6	1.4	0.04	0.000*	---	5.2	8.207
26621	24828	68131	50	422	354.2	1.4	0.04	0.000*	---	6.1	14.673
26622	24829	68131	50	174.5	171.1	1.4	0.04	0.000*	---	3.16	0.718
26623	24830	68131	50	415.4	349.4	1.4	0.04	0.000*	---	6.03	14.09
26624	24831	68131	50	182.5	177	1.4	0.04	0.000*	---	3.26	0.862
26625	24832	68131	50	621.6	502	1.4	0.04	0.000*	---	8.24	33.991
26626	24834	68131	50	322.7	280.8	1.4	0.04	0.000*	---	4.97	6.83
26627	24836	68131	50	446.4	372.3	1.4	0.04	0.000*	---	6.37	16.904
26628	24837	68131	50	679.5	544.8	1.4	0.04	0.000*	---	8.82	39.478
26629	24838	68131	50	449.9	374.9	1.4	0.04	0.000*	---	6.41	17.23
26630	24839	68131	50	411.8	346.7	1.4	0.04	0.000*	---	5.99	13.768
26631	24841	68131	50	213.1	199.7	1.4	0.04	0.000*	---	3.65	1.593
26632	24843	68131	50	161.8	161.7	1.4	0.04	0.000*	---	3	0.525
26633	24844	68131	50	427.1	358.1	1.4	0.04	0.000*	---	6.16	15.138
26634	24847	68131	50	288.5	255.5	1.4	0.04	0.000*	---	4.56	4.755
26635	24848	68131	50	427.5	358.4	1.4	0.04	0.000*	---	6.17	15.177
26636	24849	68131	50	325.8	283	1.4	0.04	0.000*	---	5	7.031
26637	24850	68131	50	617	498.6	1.4	0.04	0.000*	---	8.19	33.548
26638	24851	68131	50	180.2	175.3	1.4	0.04	0.000*	---	3.24	0.819
26639	24853	68131	50	271.5	242.9	1.4	0.04	0.000*	---	4.36	3.864
26640	24855	68131	50	475.9	394.2	1.4	0.04	0.000*	---	6.7	19.697
26641	24857	68131	50	211.6	198.6	1.4	0.04	0.000*	---	3.63	1.55
26642	24858	68131	50	194.7	186.1	1.4	0.04	0.000*	---	3.42	1.119
26643	24859	68131	50	185.6	179.4	1.4	0.04	0.000*	---	3.3	0.924
26644	24861	68131	50	530	434.2	1.4	0.04	0.000*	---	7.28	24.98
26645	24863	68131	50	248.8	226.1	1.4	0.04	0.000*	---	4.08	2.839
26646	24864	68131	50	228.1	210.8	1.4	0.04	0.000*	---	3.83	2.064
26647	24865	68131	50	1081.1	842	1.4	0.04	0.000*	---	12.52	68.392
26648	24869	68131	50	169.5	167.4	1.4	0.04	0.000*	---	3.1	0.637
26649	24870	68131	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.302
26650	24871	68131	50	475.3	393.7	1.4	0.04	0.000*	---	6.69	19.637
26651	24872	68131	50	242.7	221.6	1.4	0.04	0.000*	---	4.01	2.597
26652	24874	68131	50	358.5	307.3	1.4	0.04	0.000*	---	5.38	9.38
26653	24875	68131	50	419.8	352.6	1.4	0.04	0.000*	---	6.08	14.476
26654	24876	68131	50	443.3	370.1	1.4	0.04	0.000*	---	6.34	16.62
26655	24877	68131	50	329.4	285.7	1.4	0.04	0.000*	---	5.05	7.275
26656	24878	68131	50	255.5	231.1	1.4	0.04	0.000*	---	4.17	3.125

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
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Operable Unit:
Run Mode: Research

* : signify default values used in place of missing input data.
# : signify surrogate values entered (determined) by user.
---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26657	24879	68131	50	187.2	180.5	1.4	0.04	0.000*	---	3.32	0.956
26658	24880	68131	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
26659	24881	68131	50	385.6	327.4	1.4	0.04	0.000*	---	5.69	11.54
26660	24882	68131	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.122
26661	24884	68131	50	562.8	458.5	1.4	0.04	0.000*	---	7.63	28.225
26662	24885	68131	50	526.8	431.8	1.4	0.04	0.000*	---	7.25	24.663
26663	24887	68131	50	437.6	365.9	1.4	0.04	0.000*	---	6.28	16.096
26664	24888	68131	50	231.2	213.1	1.4	0.04	0.000*	---	3.87	2.17
26665	24889	68131	50	565.2	460.3	1.4	0.04	0.000*	---	7.65	28.465
26666	24890	68131	50	353.2	303.4	1.4	0.04	0.000*	---	5.32	8.979
26667	24891	68131	50	207.2	195.3	1.4	0.04	0.000*	---	3.57	1.43
26668	24892	68131	50	135	141.9	1.4	0.04	0.000*	---	2.66	0.242
26669	24893	68131	50	526.5	431.6	1.4	0.04	0.000*	---	7.24	24.634
26670	24894	68131	50	405.5	342.1	1.4	0.04	0.000*	---	5.92	13.222
26671	24895	68131	50	312.1	273	1.4	0.04	0.000*	---	4.84	6.147
26672	24896	68131	50	382.1	324.7	1.4	0.04	0.000*	---	5.65	11.248
26673	24898	68131	50	348.7	300	1.4	0.04	0.000*	---	5.27	8.648
26674	24899	68131	50	160.4	160.7	1.4	0.04	0.000*	---	2.99	0.505
26675	24900	68131	50	290.1	256.7	1.4	0.04	0.000*	---	4.58	4.842
26676	24901	68131	50	499.8	411.8	1.4	0.04	0.000*	---	6.96	22.009
26677	24902	68131	50	549	448.3	1.4	0.04	0.000*	---	7.48	26.86
26678	24903	68131	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.527
26679	24904	68131	50	260	234.4	1.4	0.04	0.000*	---	4.22	3.322
26680	24905	68131	50	176.5	172.6	1.4	0.04	0.000*	---	3.19	0.752
26681	24906	68131	50	254.2	230.1	1.4	0.04	0.000*	---	4.15	3.067
26682	24907	68131	50	364.5	311.7	1.4	0.04	0.000*	---	5.45	9.844
26683	24908	68131	50	300.9	264.7	1.4	0.04	0.000*	---	4.71	5.464
26684	24909	68131	50	293.7	259.4	1.4	0.04	0.000*	---	4.63	5.045
26685	24911	68131	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.416
26686	24912	68131	50	322.8	280.9	1.4	0.04	0.000*	---	4.97	6.833
26687	24913	68131	50	376.3	320.5	1.4	0.04	0.000*	---	5.59	10.776
26688	24914	68131	50	293.5	259.2	1.4	0.04	0.000*	---	4.62	5.035
26689	24915	68131	50	281.8	250.5	1.4	0.04	0.000*	---	4.48	4.391
26690	24917	68131	50	320.9	279.5	1.4	0.04	0.000*	---	4.95	6.711
26691	24918	68131	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481
26692	24919	68131	50	246	224	1.4	0.04	0.000*	---	4.05	2.726
26693	24920	68131	50	188.6	181.6	1.4	0.04	0.000*	---	3.34	0.986
26694	24921	68131	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.561
26695	24922	68131	50	279.3	248.7	1.4	0.04	0.000*	---	4.45	4.259
26696	24923	68131	50	307.9	269.8	1.4	0.04	0.000*	---	4.79	5.881
26697	24924	68131	50	275.5	245.8	1.4	0.04	0.000*	---	4.41	4.064
26698	24925	68131	50	633.5	510.8	1.4	0.04	0.000*	---	8.36	35.134
26699	24926	68131	50	514.8	423	1.4	0.04	0.000*	---	7.12	23.488
26700	24927	68131	50	194.2	185.7	1.4	0.04	0.000*	---	3.41	1.108
26701	24928	68131	50	250	227	1.4	0.04	0.000*	---	4.1	2.889
26702	24931	68131	50	526.8	431.9	1.4	0.04	0.000*	---	7.25	24.67
26703	24932	68131	50	629.4	507.8	1.4	0.04	0.000*	---	8.32	34.746
26704	24934	68131	50	361.7	309.7	1.4	0.04	0.000*	---	5.42	9.628
26705	24935	68131	50	401.4	339	1.4	0.04	0.000*	---	5.87	12.865
26706	24936	68131	50	247.6	225.2	1.4	0.04	0.000*	---	4.07	2.792
26707	24937	68131	50	480.2	397.4	1.4	0.04	0.000*	---	6.75	20.112
26708	24939	68131	50	206.6	194.9	1.4	0.04	0.000*	---	3.57	1.414
26709	24946	68131	50	324.5	282.1	1.4	0.04	0.000*	---	4.99	6.946
26710	24947	68131	50	187.3	180.6	1.4	0.04	0.000*	---	3.33	0.958
26711	24948	68131	50	174.9	171.4	1.4	0.04	0.000*	---	3.17	0.725
26712	24949	68131	50	215.3	201.3	1.4	0.04	0.000*	---	3.67	1.657
26713	24950	68131	50	188.7	181.6	1.4	0.04	0.000*	---	3.34	0.987
26714	24951	68131	50	272.8	243.9	1.4	0.04	0.000*	---	4.37	3.929
26715	24952	68131	50	63.7	89.1	1.4	0.04	0.000*	---	1.72	0.009
26716	24953	68131	50	125.8	135.1	1.4	0.04	0.000*	---	2.54	0.178
26717	24955	68131	50	159.6	160.1	1.4	0.04	0.000*	---	2.98	0.495

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26718	24956	68131	50	969.3	759.3	1.4	0.04	0.000*	---	11.55	62.032
26719	24957	68131	50	388.7	329.6	1.4	0.04	0.000*	---	5.73	11.795
26720	24958	68131	50	370.2	315.9	1.4	0.04	0.000*	---	5.52	10.288
26721	24959	68131	50	267.8	240.2	1.4	0.04	0.000*	---	4.31	3.686
26722	24960	68131	50	327.5	284.3	1.4	0.04	0.000*	---	5.02	7.146
26723	24961	68131	50	185.2	179	1.4	0.04	0.000*	---	3.3	0.915
26724	24962	68131	50	319.8	278.6	1.4	0.04	0.000*	---	4.93	6.637
26725	24963	68131	50	171	168.5	1.4	0.04	0.000*	---	3.12	0.66
26726	24964	68131	50	147.2	150.9	1.4	0.04	0.000*	---	2.82	0.352
26727	24968	68131	50	147.4	151.1	1.4	0.04	0.000*	---	2.82	0.354
26728	24969	68131	50	1201.3	930.9	1.4	0.04	0.000*	---	13.53	73.985
26729	24970	68131	50	262.2	236.1	1.4	0.04	0.000*	---	4.25	3.426
26730	24971	68131	50	217	202.6	1.4	0.04	0.000*	---	3.7	1.708
26731	24972	68131	50	400.1	338	1.4	0.04	0.000*	---	5.86	12.754
26732	24973	68131	50	251	227.7	1.4	0.04	0.000*	---	4.11	2.932
26733	24975	68131	50	294.3	259.8	1.4	0.04	0.000*	---	4.63	5.076
26734	24976	68131	50	292.5	258.4	1.4	0.04	0.000*	---	4.61	4.975
26735	24977	68131	50	363.3	310.9	1.4	0.04	0.000*	---	5.44	9.752
26736	24978	68131	50	451.2	375.9	1.4	0.04	0.000*	---	6.43	17.357
26737	24979	68131	50	354.8	304.5	1.4	0.04	0.000*	---	5.34	9.099
26738	24980	68131	50	215.1	201.2	1.4	0.04	0.000*	---	3.67	1.651
26739	24981	68131	50	703.3	562.4	1.4	0.04	0.000*	---	9.06	41.653
26740	24983	68131	50	498.1	410.6	1.4	0.04	0.000*	---	6.94	21.846
26741	24984	68131	50	304.9	267.6	1.4	0.04	0.000*	---	4.76	5.701
26742	24987	68131	50	303.1	266.3	1.4	0.04	0.000*	---	4.74	5.592
26743	24988	68131	50	316.4	276.1	1.4	0.04	0.000*	---	4.89	6.416
26744	24989	68131	50	658.7	529.4	1.4	0.04	0.000*	---	8.61	37.533
26745	24990	68131	50	320.3	279	1.4	0.04	0.000*	---	4.94	6.67
26746	24992	68131	50	385.8	327.5	1.4	0.04	0.000*	---	5.7	11.549
26747	24993	68131	50	511.3	420.3	1.4	0.04	0.000*	---	7.08	23.136
26748	24994	68131	50	498.5	410.9	1.4	0.04	0.000*	---	6.94	21.891
26749	24997	68131	50	347.9	299.4	1.4	0.04	0.000*	---	5.26	8.588
26750	24998	68131	50	433.7	362.9	1.4	0.04	0.000*	---	6.23	15.735
26751	25003	68131	50	238.6	218.6	1.4	0.04	0.000*	---	3.96	2.441
26752	25005	68131	50	372	317.3	1.4	0.04	0.000*	---	5.54	10.432
26753	25006	68131	50	213.2	199.8	1.4	0.04	0.000*	---	3.65	1.597
26754	25007	68131	50	235.8	216.5	1.4	0.04	0.000*	---	3.93	2.335
26755	25008	68131	50	445.9	372	1.4	0.04	0.000*	---	6.37	16.86
26756	25009	68131	50	122.9	132.9	1.4	0.04	0.000*	---	2.5	0.161
26757	25010	68131	50	429.6	359.9	1.4	0.04	0.000*	---	6.19	15.365
26758	25011	68131	50	626.6	505.7	1.4	0.04	0.000*	---	8.29	34.471
26759	25012	68131	50	413.3	347.9	1.4	0.04	0.000*	---	6.01	13.907
26760	25016	68131	50	649.8	522.9	1.4	0.04	0.000*	---	8.52	36.694
26761	25019	68131	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.433
26762	25021	68131	50	413.2	347.7	1.4	0.04	0.000*	---	6	13.892
26763	25022	68131	50	190.8	183.2	1.4	0.04	0.000*	---	3.37	1.032
26764	25025	68131	50	433.5	362.8	1.4	0.04	0.000*	---	6.23	15.716
26765	25026	68131	50	195.1	186.4	1.4	0.04	0.000*	---	3.42	1.128
26766	25027	68131	50	157.7	158.7	1.4	0.04	0.000*	---	2.95	0.471
26767	25028	68131	50	332.5	288	1.4	0.04	0.000*	---	5.08	7.49
26768	25030	68131	50	706.3	564.7	1.4	0.04	0.000*	---	9.09	41.928
26769	25031	68131	50	279.1	248.5	1.4	0.04	0.000*	---	4.45	4.249
26770	25032	68131	50	292.6	258.5	1.4	0.04	0.000*	---	4.61	4.982
26771	25035	68131	50	426.3	357.5	1.4	0.04	0.000*	---	6.15	15.064
26772	25037	68131	50	202.2	191.6	1.4	0.04	0.000*	---	3.51	1.3
26773	25039	68131	50	200.6	190.4	1.4	0.04	0.000*	---	3.49	1.258
26774	25041	68131	50	311.2	272.3	1.4	0.04	0.000*	---	4.83	6.086
26775	25042	68131	50	335.5	290.3	1.4	0.04	0.000*	---	5.12	7.698
26776	25044	68131	50	208.2	196.1	1.4	0.04	0.000*	---	3.59	1.457
26777	25047	68131	50	757.6	602.6	1.4	0.04	0.000*	---	9.59	46.432
26778	25049	68131	50	176.3	172.5	1.4	0.04	0.000*	---	3.19	0.75

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26779	25051	68131	50	379.1	322.5	1.4	0.04	0.000*	---	5.62	11.005
26780	25052	68131	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
26781	25053	68131	50	444.9	371.2	1.4	0.04	0.000*	---	6.36	16.763
26782	25054	68131	50	156	157.4	1.4	0.04	0.000*	---	2.93	0.449
26783	25056	68131	50	278.4	248	1.4	0.04	0.000*	---	4.44	4.215
26784	25057	68131	50	295.3	260.5	1.4	0.04	0.000*	---	4.64	5.133
26785	25059	68131	50	395.8	334.9	1.4	0.04	0.000*	---	5.81	12.387
26786	25061	68131	50	154.6	156.4	1.4	0.04	0.000*	---	2.91	0.433
26787	25062	68131	50	365.5	312.5	1.4	0.04	0.000*	---	5.46	9.924
26788	25063	68131	50	141.9	147	1.4	0.04	0.000*	---	2.75	0.3
26789	25065	68131	50	144	148.6	1.4	0.04	0.000*	---	2.78	0.32
26790	25066	68131	50	117.9	129.2	1.4	0.04	0.000*	---	2.44	0.134
26791	25068	68131	50	462.2	384	1.4	0.04	0.000*	---	6.55	18.393
26792	25069	68131	50	237.2	217.5	1.4	0.04	0.000*	---	3.94	2.387
26793	25070	68131	50	450.1	375.1	1.4	0.04	0.000*	---	6.42	17.255
26794	25071	68131	50	771.7	613	1.4	0.04	0.000*	---	9.72	47.616
26795	25072	68131	50	521.6	428	1.4	0.04	0.000*	---	7.19	24.155
26796	25074	68131	50	272.2	243.4	1.4	0.04	0.000*	---	4.37	3.902
26797	25075	68131	50	495.4	408.6	1.4	0.04	0.000*	---	6.91	21.585
26798	25076	68131	50	469.4	389.3	1.4	0.04	0.000*	---	6.63	19.073
26799	25077	68131	50	177.1	173.1	1.4	0.04	0.000*	---	3.2	0.764
26800	25078	68131	50	235.1	216	1.4	0.04	0.000*	---	3.92	2.31
26801	25079	68131	50	167	165.6	1.4	0.04	0.000*	---	3.07	0.599
26802	25080	68131	50	534.5	437.5	1.4	0.04	0.000*	---	7.33	25.427
26803	25081	68131	50	653.7	525.7	1.4	0.04	0.000*	---	8.56	37.062
26804	25082	68131	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.672
26805	25085	68131	50	92.6	110.5	1.4	0.04	0.000*	---	2.11	0.046
26806	25086	68131	50	146.8	150.6	1.4	0.04	0.000*	---	2.81	0.347
26807	25088	68131	50	187.2	180.5	1.4	0.04	0.000*	---	3.32	0.955
26808	25089	68131	50	253	229.2	1.4	0.04	0.000*	---	4.14	3.018
26809	25091	68131	50	802.2	635.6	1.4	0.04	0.000*	---	10.01	50.12
26810	25092	68131	50	681	546	1.4	0.04	0.000*	---	8.84	39.618
26811	25093	68131	50	248.8	226.1	1.4	0.04	0.000*	---	4.09	2.841
26812	25095	68131	50	479.4	396.7	1.4	0.04	0.000*	---	6.74	20.03
26813	25096	68131	50	233.6	214.8	1.4	0.04	0.000*	---	3.9	2.254
26814	25098	68131	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.279
26815	25100	68131	50	555.4	453	1.4	0.04	0.000*	---	7.55	27.495
26816	25105	68131	50	468.3	388.5	1.4	0.04	0.000*	---	6.62	18.972
26817	25106	68131	50	483.6	399.9	1.4	0.04	0.000*	---	6.78	20.438
26818	25107	68131	50	498.6	411	1.4	0.04	0.000*	---	6.95	21.901
26819	25108	68131	50	324.8	282.4	1.4	0.04	0.000*	---	4.99	6.97
26820	25109	68131	50	322.4	280.6	1.4	0.04	0.000*	---	4.96	6.809
26821	25112	68131	50	353.8	303.8	1.4	0.04	0.000*	---	5.33	9.024
26822	25113	68131	50	422.7	354.8	1.4	0.04	0.000*	---	6.11	14.739
26823	25114	68131	50	472.3	391.5	1.4	0.04	0.000*	---	6.66	19.356
26824	25116	68131	50	295.7	260.9	1.4	0.04	0.000*	---	4.65	5.16
26825	25117	68131	50	638.4	514.4	1.4	0.04	0.000*	---	8.41	35.609
26826	25119	68131	50	125.2	134.7	1.4	0.04	0.000*	---	2.53	0.175
26827	25120	68131	50	1118.9	870	1.4	0.04	0.000*	---	12.84	70.282
26828	25121	68131	50	133.6	140.9	1.4	0.04	0.000*	---	2.64	0.232
26829	25122	68131	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.314
26830	25123	68131	50	299.4	263.6	1.4	0.04	0.000*	---	4.69	5.374
26831	25124	68131	50	350.3	301.2	1.4	0.04	0.000*	---	5.29	8.764
26832	25126	68131	50	475.6	394	1.4	0.04	0.000*	---	6.7	19.673
26833	25127	68131	50	134.1	141.2	1.4	0.04	0.000*	---	2.65	0.235
26834	25130	68131	50	267.7	240.1	1.4	0.04	0.000*	---	4.31	3.683
26835	25131	68131	50	470.3	390	1.4	0.04	0.000*	---	6.64	19.165
26836	25133	68131	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
26837	25135	68131	50	542.4	443.4	1.4	0.04	0.000*	---	7.41	26.212
26838	25137	68131	50	684.6	548.6	1.4	0.04	0.000*	---	8.87	39.945
26839	25139	68131	50	456.6	379.9	1.4	0.04	0.000*	---	6.49	17.864

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26840	25140	68131	50	248.9	226.2	1.4	0.04	0.000*	---	4.09	2.847
26841	25141	68131	50	190.6	183.1	1.4	0.04	0.000*	---	3.37	1.028
26842	25142	68131	50	376	320.2	1.4	0.04	0.000*	---	5.58	10.754
26843	25144	68131	50	449.3	374.5	1.4	0.04	0.000*	---	6.41	17.175
26844	25145	68131	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.038
26845	25146	68131	50	779	618.5	1.4	0.04	0.000*	---	9.79	48.231
26846	25147	68131	50	396.8	335.7	1.4	0.04	0.000*	---	5.82	12.479
26847	25150	68131	50	507.6	417.7	1.4	0.04	0.000*	---	7.04	22.783
26848	25151	68131	50	356	305.4	1.4	0.04	0.000*	---	5.35	9.19
26849	25152	68131	50	306.3	268.6	1.4	0.04	0.000*	---	4.77	5.784
26850	25153	68131	50	58.9	85.6	1.4	0.04	0.000*	---	1.66	0.007
26851	25154	68131	50	637.6	513.8	1.4	0.04	0.000*	---	8.4	35.527
26852	25155	68131	50	392.6	332.5	1.4	0.04	0.000*	---	5.77	12.118
26853	25156	68131	50	307.9	269.9	1.4	0.04	0.000*	---	4.79	5.884
26854	25158	68131	50	209.9	197.4	1.4	0.04	0.000*	---	3.61	1.504
26855	25159	68131	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.635
26856	25160	68131	50	166.9	165.5	1.4	0.04	0.000*	---	3.07	0.598
26857	25161	68131	50	232	213.7	1.4	0.04	0.000*	---	3.88	2.2
26858	25162	68131	50	216.8	202.4	1.4	0.04	0.000*	---	3.69	1.702
26859	25163	68131	50	285.9	253.6	1.4	0.04	0.000*	---	4.53	4.612
26860	25164	68131	50	531.2	435.1	1.4	0.04	0.000*	---	7.29	25.103
26861	25165	68131	50	145.4	149.6	1.4	0.04	0.000*	---	2.79	0.333
26862	25166	68131	50	101.8	117.3	1.4	0.04	0.000*	---	2.23	0.07
26863	25167	68131	50	357.5	306.6	1.4	0.04	0.000*	---	5.37	9.308
26864	25168	68131	50	242	221.1	1.4	0.04	0.000*	---	4	2.569
26865	25169	68131	50	561.5	457.5	1.4	0.04	0.000*	---	7.61	28.095
26866	25171	68131	50	793.6	629.2	1.4	0.04	0.000*	---	9.93	49.424
26867	25173	68131	50	407.3	343.4	1.4	0.04	0.000*	---	5.94	13.376
26868	25175	68131	50	601.6	487.2	1.4	0.04	0.000*	---	8.03	32.047
26869	25179	68131	50	205.2	193.8	1.4	0.04	0.000*	---	3.55	1.376
26870	25180	68131	50	334.3	289.4	1.4	0.04	0.000*	---	5.1	7.613
26871	25181	68131	50	471.2	390.7	1.4	0.04	0.000*	---	6.65	19.246
26872	25182	68131	50	595	482.3	1.4	0.04	0.000*	---	7.96	31.398
26873	25183	68131	50	868	684.3	1.4	0.04	0.000*	---	10.63	55.176
26874	25184	68131	50	224.1	207.8	1.4	0.04	0.000*	---	3.78	1.93
26875	25185	68131	50	474.6	393.2	1.4	0.04	0.000*	---	6.68	19.571
26876	25187	68131	50	345.1	297.4	1.4	0.04	0.000*	---	5.23	8.387
26877	25188	68131	50	204.2	193.1	1.4	0.04	0.000*	---	3.54	1.35
26878	25189	68131	50	364.3	311.6	1.4	0.04	0.000*	---	5.45	9.829
26879	25190	68131	50	267.9	240.3	1.4	0.04	0.000*	---	4.32	3.694
26880	25191	68131	50	1315.4	1015.4	1.4	0.04	0.000*	---	14.44	78.301
26881	25193	68131	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.368
26882	25195	68131	50	734.9	585.8	1.4	0.04	0.000*	---	9.37	44.473
26883	25197	68131	50	240.9	220.3	1.4	0.04	0.000*	---	3.99	2.528
26884	25198	68131	50	2842.3	2145.3	1.4	0.04	0.000*	---	24.26	97.032
26885	25199	68131	50	822.7	650.8	1.4	0.04	0.000*	---	10.21	51.751
26886	25200	68131	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
26887	25201	68131	50	593.4	481.1	1.4	0.04	0.000*	---	7.95	31.238
26888	25202	68131	50	82.2	102.8	1.4	0.04	0.000*	---	1.97	0.027
26889	25203	68131	50	366.5	313.2	1.4	0.04	0.000*	---	5.48	9.999
26890	25204	68131	50	645	519.3	1.4	0.04	0.000*	---	8.47	36.238
26891	25206	68131	50	301	264.8	1.4	0.04	0.000*	---	4.71	5.468
26892	25208	68131	50	283.6	251.9	1.4	0.04	0.000*	---	4.5	4.488
26893	25209	68131	50	312.3	273.1	1.4	0.04	0.000*	---	4.85	6.159
26894	25210	68131	50	1198.3	928.8	1.4	0.04	0.000*	---	13.5	73.863
26895	25213	68131	50	619.8	500.6	1.4	0.04	0.000*	---	8.22	33.81
26896	25215	68131	50	81.9	102.6	1.4	0.04	0.000*	---	1.97	0.027
26897	25216	68131	50	161.9	161.8	1.4	0.04	0.000*	---	3.01	0.526
26898	25217	68131	50	89.9	108.5	1.4	0.04	0.000*	---	2.07	0.041
26899	25220	68131	50	208.9	196.6	1.4	0.04	0.000*	---	3.6	1.475
26900	25221	68131	50	221	205.5	1.4	0.04	0.000*	---	3.74	1.831

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26901	25223	68131	50	381.8	324.5	1.4	0.04	0.000*	---	5.65	11.221
26902	25225	68131	50	356.3	305.7	1.4	0.04	0.000*	---	5.36	9.214
26903	25226	68131	50	450.3	375.2	1.4	0.04	0.000*	---	6.42	17.272
26904	25227	68131	50	113.8	126.2	1.4	0.04	0.000*	---	2.39	0.115
26905	25228	68131	50	372.5	317.7	1.4	0.04	0.000*	---	5.54	10.474
26906	25230	68131	50	341.7	294.9	1.4	0.04	0.000*	---	5.19	8.137
26907	25231	68131	50	434.7	363.7	1.4	0.04	0.000*	---	6.25	15.827
26908	25236	68131	50	143.9	148.5	1.4	0.04	0.000*	---	2.78	0.319
26909	25237	68131	50	348.4	299.8	1.4	0.04	0.000*	---	5.27	8.621
26910	25238	68131	50	150.5	153.4	1.4	0.04	0.000*	---	2.86	0.387
26911	25239	68131	50	105.6	120.2	1.4	0.04	0.000*	---	2.28	0.082
26912	25240	68131	50	108.2	122	1.4	0.04	0.000*	---	2.31	0.092
26913	25241	68131	50	363.6	311.1	1.4	0.04	0.000*	---	5.44	9.775
26914	25242	68131	50	382.2	324.8	1.4	0.04	0.000*	---	5.65	11.254
26915	25244	68131	50	366.7	313.4	1.4	0.04	0.000*	---	5.48	10.014
26916	25245	68131	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.655
26917	25247	68131	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.775
26918	25248	68131	50	562.8	458.5	1.4	0.04	0.000*	---	7.63	28.227
26919	25250	68131	50	287	254.4	1.4	0.04	0.000*	---	4.54	4.67
26920	25251	68131	50	295.6	260.7	1.4	0.04	0.000*	---	4.65	5.15
26921	25253	68131	50	398.9	337.2	1.4	0.04	0.000*	---	5.84	12.659
26922	25254	68131	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.006
26923	25255	68131	50	80.6	101.7	1.4	0.04	0.000*	---	1.95	0.025
26924	25256	68131	50	263.2	236.8	1.4	0.04	0.000*	---	4.26	3.469
26925	25259	68131	50	198.9	189.1	1.4	0.04	0.000*	---	3.47	1.216
26926	25260	68131	50	645	519.3	1.4	0.04	0.000*	---	8.47	36.238
26927	25263	68131	50	379	322.4	1.4	0.04	0.000*	---	5.62	10.993
26928	25265	68131	50	1138.5	884.5	1.4	0.04	0.000*	---	13.01	71.213
26929	25271	68131	50	1302.7	1006	1.4	0.04	0.000*	---	14.34	77.862
26930	25274	68131	50	343.4	296.1	1.4	0.04	0.000*	---	5.21	8.263
26931	25277	68131	50	159.5	160	1.4	0.04	0.000*	---	2.97	0.494
26932	25278	68131	50	409.7	345.2	1.4	0.04	0.000*	---	5.97	13.589
26933	25280	68131	50	184.1	178.3	1.4	0.04	0.000*	---	3.29	0.894
26934	25281	68131	50	351	301.7	1.4	0.04	0.000*	---	5.3	8.814
26935	25282	68131	50	259.8	234.3	1.4	0.04	0.000*	---	4.22	3.317
26936	25284	68131	50	162.8	162.5	1.4	0.04	0.000*	---	3.02	0.538
26937	25285	68131	50	121.4	131.9	1.4	0.04	0.000*	---	2.48	0.153
26938	25286	68131	50	1014.2	792.5	1.4	0.04	0.000*	---	11.95	64.734
26939	25288	68131	50	582.6	473.1	1.4	0.04	0.000*	---	7.83	30.18
26940	25289	68131	50	319.4	278.4	1.4	0.04	0.000*	---	4.93	6.611
26941	25292	68131	50	226.3	209.5	1.4	0.04	0.000*	---	3.81	2.004
26942	25293	68131	50	329.2	285.6	1.4	0.04	0.000*	---	5.04	7.265
26943	25294	68131	50	337.2	291.5	1.4	0.04	0.000*	---	5.14	7.816
26944	25295	68131	50	310	271.4	1.4	0.04	0.000*	---	4.82	6.01
26945	25296	68131	50	161.4	161.4	1.4	0.04	0.000*	---	3	0.52
26946	25298	68131	50	401.6	339.2	1.4	0.04	0.000*	---	5.88	12.89
26947	25299	68131	50	244.1	222.6	1.4	0.04	0.000*	---	4.03	2.649
26948	25301	68131	50	230.2	212.4	1.4	0.04	0.000*	---	3.86	2.137
26949	25302	68131	50	529	433.5	1.4	0.04	0.000*	---	7.27	24.888
26950	25303	68131	50	263.9	237.3	1.4	0.04	0.000*	---	4.27	3.502
26951	25305	68131	50	1109.4	863	1.4	0.04	0.000*	---	12.76	69.818
26952	25309	68131	50	235.5	216.3	1.4	0.04	0.000*	---	3.92	2.325
26953	25311	68131	50	404.5	341.3	1.4	0.04	0.000*	---	5.91	13.136
26954	25312	68131	50	537.4	439.7	1.4	0.04	0.000*	---	7.36	25.718
26955	25313	68131	50	283.3	251.7	1.4	0.04	0.000*	---	4.5	4.473
26956	25314	68131	50	366.1	312.9	1.4	0.04	0.000*	---	5.47	9.969
26957	25315	68131	50	446.1	372.1	1.4	0.04	0.000*	---	6.37	16.879
26958	25316	68131	50	665.9	534.8	1.4	0.04	0.000*	---	8.69	38.213
26959	25319	68131	50	440.3	367.8	1.4	0.04	0.000*	---	6.31	16.343
26960	25322	68131	50	218.4	203.6	1.4	0.04	0.000*	---	3.71	1.752
26961	25324	68131	50	143.6	148.3	1.4	0.04	0.000*	---	2.77	0.316

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
26962	25325	68131	50	213.7	200.2	1.4	0.04	0.000*	---	3.65	1.612
26963	25327	68131	50	402.1	339.5	1.4	0.04	0.000*	---	5.88	12.926
26964	25329	68131	50	358.9	307.6	1.4	0.04	0.000*	---	5.39	9.414
26965	25330	68131	50	138.3	144.3	1.4	0.04	0.000*	---	2.7	0.269
26966	25331	68131	50	256.5	231.8	1.4	0.04	0.000*	---	4.18	3.168
26967	25332	68131	50	389	329.9	1.4	0.04	0.000*	---	5.73	11.822
26968	25333	68131	50	205.9	194.3	1.4	0.04	0.000*	---	3.56	1.394
26969	25334	68131	50	167.6	166	1.4	0.04	0.000*	---	3.08	0.608
26970	25335	68131	50	395.8	334.9	1.4	0.04	0.000*	---	5.81	12.394
26971	25337	68131	50	732.2	583.8	1.4	0.04	0.000*	---	9.34	44.23
26972	25341	68131	50	471	390.5	1.4	0.04	0.000*	---	6.65	19.226
26973	25343	68131	50	314.9	275	1.4	0.04	0.000*	---	4.88	6.318
26974	25344	68131	50	274.5	245.1	1.4	0.04	0.000*	---	4.4	4.016
26975	25345	68131	50	276.2	246.4	1.4	0.04	0.000*	---	4.42	4.102
26976	25346	68131	50	402.6	340	1.4	0.04	0.000*	---	5.89	12.976
26977	25347	68131	50	277.9	247.6	1.4	0.04	0.000*	---	4.44	4.188
26978	25348	68131	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.196
26979	25349	68131	50	414.3	348.6	1.4	0.04	0.000*	---	6.02	13.991
26980	25351	68131	50	475.2	393.6	1.4	0.04	0.000*	---	6.69	19.631
26981	25352	68131	50	534.3	437.4	1.4	0.04	0.000*	---	7.33	25.412
26982	25355	68131	50	353.1	303.3	1.4	0.04	0.000*	---	5.32	8.974
26983	25356	68131	50	387	328.4	1.4	0.04	0.000*	---	5.71	11.655
26984	25357	68131	50	345.3	297.5	1.4	0.04	0.000*	---	5.23	8.396
26985	25359	68131	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.796
26986	25361	68131	50	319.2	278.2	1.4	0.04	0.000*	---	4.93	6.6
26987	25362	68131	50	310.1	271.5	1.4	0.04	0.000*	---	4.82	6.022
26988	25364	68131	50	280.6	249.6	1.4	0.04	0.000*	---	4.47	4.326
26989	25365	68131	50	761.9	605.8	1.4	0.04	0.000*	---	9.63	46.793
26990	25369	68131	50	546.3	446.3	1.4	0.04	0.000*	---	7.45	26.597
26991	25371	68131	50	458	381	1.4	0.04	0.000*	---	6.5	17.997
26992	25374	68131	50	249.5	226.6	1.4	0.04	0.000*	---	4.09	2.869
26993	25376	68131	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.882
26994	25377	68131	50	573.5	466.4	1.4	0.04	0.000*	---	7.74	29.28
26995	25381	68131	50	267.8	240.1	1.4	0.04	0.000*	---	4.31	3.686
26996	25383	68131	50	110.2	123.6	1.4	0.04	0.000*	---	2.34	0.1
26997	25384	68131	50	410.6	345.8	1.4	0.04	0.000*	---	5.98	13.666
26998	25385	68131	50	564.1	459.4	1.4	0.04	0.000*	---	7.64	28.355
26999	25388	68131	50	318.4	277.6	1.4	0.04	0.000*	---	4.92	6.544
27000	25391	68131	50	555.2	452.8	1.4	0.04	0.000*	---	7.55	27.473
27001	25392	68131	50	408.5	344.3	1.4	0.04	0.000*	---	5.95	13.485
27002	25393	68131	50	196.9	187.7	1.4	0.04	0.000*	---	3.45	1.17
27003	25394	68131	50	481.4	398.2	1.4	0.04	0.000*	---	6.76	20.222
27004	25395	68131	50	412.3	347.1	1.4	0.04	0.000*	---	6	13.817
27005	25397	68131	50	572.6	465.8	1.4	0.04	0.000*	---	7.73	29.198
27006	25398	68131	50	327	284	1.4	0.04	0.000*	---	5.02	7.112
27007	25399	68131	50	226.7	209.8	1.4	0.04	0.000*	---	3.82	2.018
27008	25401	68131	50	452.2	376.6	1.4	0.04	0.000*	---	6.44	17.446
27009	25408	68131	50	1160.6	900.8	1.4	0.04	0.000*	---	13.19	72.221
27010	25410	68131	50	450.1	375.1	1.4	0.04	0.000*	---	6.42	17.25
27011	25411	68131	50	230.4	212.5	1.4	0.04	0.000*	---	3.86	2.143
27012	25412	68131	50	831.8	657.5	1.4	0.04	0.000*	---	10.29	52.455
27013	25413	68131	50	139.3	145.1	1.4	0.04	0.000*	---	2.72	0.277
27014	25414	68131	50	1012.6	791.3	1.4	0.04	0.000*	---	11.93	64.639
27015	25415	68131	50	421.8	354.1	1.4	0.04	0.000*	---	6.1	14.656
27016	25418	68131	50	391.2	331.5	1.4	0.04	0.000*	---	5.76	12.002
27017	25419	68131	50	168.1	166.4	1.4	0.04	0.000*	---	3.08	0.616
27018	25420	68131	50	304.2	267.1	1.4	0.04	0.000*	---	4.75	5.658
27019	25421	68131	50	459.6	382.1	1.4	0.04	0.000*	---	6.52	18.147
27020	25422	68131	50	227	210	1.4	0.04	0.000*	---	3.82	2.028
27021	25423	68131	50	260.3	234.6	1.4	0.04	0.000*	---	4.22	3.336
27022	25425	68131	50	467.7	388.1	1.4	0.04	0.000*	---	6.61	18.917

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27023	25426	68131	50	575	467.5	1.4	0.04	0.000*	---	7.76	29.428
27024	25427	68131	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.857
27025	25429	68131	50	519.5	426.4	1.4	0.04	0.000*	---	7.17	23.949
27026	25433	68131	50	304.8	267.6	1.4	0.04	0.000*	---	4.76	5.696
27027	25434	68131	50	178.1	173.8	1.4	0.04	0.000*	---	3.21	0.781
27028	25437	68131	50	489.5	404.2	1.4	0.04	0.000*	---	6.85	21.013
27029	25447	68131	50	237.1	217.4	1.4	0.04	0.000*	---	3.94	2.381
27030	25448	68131	50	347.4	299.1	1.4	0.04	0.000*	---	5.26	8.554
27031	25450	68131	50	52.8	81.1	1.4	0.04	0.000*	---	1.58	0.004
27032	25453	68131	50	125.1	134.6	1.4	0.04	0.000*	---	2.53	0.174
27033	25454	68131	50	102.5	117.8	1.4	0.04	0.000*	---	2.24	0.072
27034	25455	68131	50	416.4	350.1	1.4	0.04	0.000*	---	6.04	14.179
27035	25456	68131	50	199.4	189.6	1.4	0.04	0.000*	---	3.48	1.23
27036	25457	68131	50	318.2	277.5	1.4	0.04	0.000*	---	4.91	6.535
27037	25458	68131	50	108.4	122.2	1.4	0.04	0.000*	---	2.31	0.092
27038	25459	68131	50	445.4	371.6	1.4	0.04	0.000*	---	6.36	16.812
27039	25460	68131	50	200	190	1.4	0.04	0.000*	---	3.48	1.243
27040	25461	68131	50	426.8	357.8	1.4	0.04	0.000*	---	6.16	15.109
27041	25466	68131	50	623.8	503.6	1.4	0.04	0.000*	---	8.26	34.204
27042	25467	68131	50	424.5	356.1	1.4	0.04	0.000*	---	6.13	14.901
27043	25469	68131	50	284.7	252.6	1.4	0.04	0.000*	---	4.52	4.544
27044	25470	68131	50	666.5	535.2	1.4	0.04	0.000*	---	8.69	38.271
27045	25473	68131	50	657.1	528.2	1.4	0.04	0.000*	---	8.6	37.38
27046	25474	68131	50	1029.7	804	1.4	0.04	0.000*	---	12.08	65.617
27047	25475	68131	50	1256.2	971.6	1.4	0.04	0.000*	---	13.97	76.17
27048	25477	68131	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.985
27049	25478	68131	50	153.4	155.5	1.4	0.04	0.000*	---	2.9	0.419
27050	25479	68131	50	253.9	229.9	1.4	0.04	0.000*	---	4.15	3.056
27051	25480	68131	50	112.2	125.1	1.4	0.04	0.000*	---	2.36	0.108
27052	25481	68131	50	504.1	415	1.4	0.04	0.000*	---	7	22.431
27053	25485	68131	50	436.6	365.1	1.4	0.04	0.000*	---	6.27	16
27054	25489	68131	50	347.3	299	1.4	0.04	0.000*	---	5.25	8.547
27055	25491	68131	50	459.2	381.8	1.4	0.04	0.000*	---	6.52	18.109
27056	25492	68131	50	386.5	328	1.4	0.04	0.000*	---	5.7	11.607
27057	25494	68131	50	899.3	707.5	1.4	0.04	0.000*	---	10.92	57.413
27058	25495	68131	50	487.6	402.9	1.4	0.04	0.000*	---	6.83	20.832
27059	25496	68131	50	313	273.6	1.4	0.04	0.000*	---	4.85	6.201
27060	25497	68131	50	427.2	358.1	1.4	0.04	0.000*	---	6.16	15.148
27061	25498	68131	50	336.8	291.2	1.4	0.04	0.000*	---	5.13	7.788
27062	25500	68131	50	678.9	544.4	1.4	0.04	0.000*	---	8.82	39.426
27063	25501	68131	50	388.9	329.8	1.4	0.04	0.000*	---	5.73	11.81
27064	25502	68131	50	552	450.5	1.4	0.04	0.000*	---	7.51	27.157
27065	25503	68131	50	415.1	349.1	1.4	0.04	0.000*	---	6.03	14.061
27066	25505	68131	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.325
27067	25507	68131	50	116.9	128.5	1.4	0.04	0.000*	---	2.43	0.129
27068	25508	68131	50	240.6	220	1.4	0.04	0.000*	---	3.98	2.513
27069	25509	68131	50	489.3	404.1	1.4	0.04	0.000*	---	6.84	20.994
27070	25513	68131	50	639.2	515	1.4	0.04	0.000*	---	8.42	35.683
27071	25514	68131	50	488.3	403.3	1.4	0.04	0.000*	---	6.83	20.893
27072	25515	68131	50	605	489.7	1.4	0.04	0.000*	---	8.07	32.377
27073	25517	68131	50	224.4	208.1	1.4	0.04	0.000*	---	3.79	1.942
27074	25518	68131	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.133
27075	25520	68131	50	408.4	344.2	1.4	0.04	0.000*	---	5.95	13.471
27076	25522	68131	50	364.5	311.8	1.4	0.04	0.000*	---	5.45	9.847
27077	25523	68131	50	788.9	625.8	1.4	0.04	0.000*	---	9.89	49.047
27078	25527	68131	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.202
27079	25528	68131	50	144.5	148.9	1.4	0.04	0.000*	---	2.78	0.324
27080	25529	68131	50	388.3	329.3	1.4	0.04	0.000*	---	5.72	11.759
27081	25530	68131	50	637.1	513.5	1.4	0.04	0.000*	---	8.39	35.483
27082	25531	68131	50	182.9	177.4	1.4	0.04	0.000*	---	3.27	0.87
27083	25532	68131	50	454.1	378	1.4	0.04	0.000*	---	6.46	17.625

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27084	25537	68131	50	572	465.3	1.4	0.04	0.000*	---	7.72	29.136
27085	25539	68131	50	223.3	207.2	1.4	0.04	0.000*	---	3.77	1.905
27086	25540	68131	50	502.9	414.1	1.4	0.04	0.000*	---	6.99	22.314
27087	25541	68131	50	181.5	176.3	1.4	0.04	0.000*	---	3.25	0.844
27088	25543	68131	50	367.4	313.8	1.4	0.04	0.000*	---	5.48	10.066
27089	25544	68131	50	240.9	220.2	1.4	0.04	0.000*	---	3.99	2.525
27090	25546	68131	50	329.1	285.5	1.4	0.04	0.000*	---	5.04	7.256
27091	25547	68131	50	287.2	254.6	1.4	0.04	0.000*	---	4.55	4.683
27092	25548	68131	50	393.1	332.9	1.4	0.04	0.000*	---	5.78	12.167
27093	25550	68131	50	366.8	313.4	1.4	0.04	0.000*	---	5.48	10.023
27094	25552	68131	50	580.6	471.7	1.4	0.04	0.000*	---	7.81	29.987
27095	25554	68131	50	107.3	121.4	1.4	0.04	0.000*	---	2.3	0.088
27096	25557	68131	50	459.7	382.2	1.4	0.04	0.000*	---	6.52	18.156
27097	25558	68131	50	151.3	154	1.4	0.04	0.000*	---	2.87	0.395
27098	25560	68131	50	400.8	338.6	1.4	0.04	0.000*	---	5.87	12.82
27099	25562	68131	50	335.7	290.4	1.4	0.04	0.000*	---	5.12	7.713
27100	25564	68131	50	394.3	333.8	1.4	0.04	0.000*	---	5.79	12.268
27101	25565	68131	50	531.7	435.5	1.4	0.04	0.000*	---	7.3	25.152
27102	25569	68131	50	373.1	318.1	1.4	0.04	0.000*	---	5.55	10.52
27103	25571	68131	50	693.8	555.4	1.4	0.04	0.000*	---	8.96	40.794
27104	25573	68131	50	481.1	398	1.4	0.04	0.000*	---	6.76	20.197
27105	25574	68131	50	376.3	320.4	1.4	0.04	0.000*	---	5.59	10.774
27106	25576	68131	50	234	215.2	1.4	0.04	0.000*	---	3.9	2.27
27107	25577	68131	50	368.5	314.6	1.4	0.04	0.000*	---	5.5	10.152
27108	25579	68131	50	316.3	276.1	1.4	0.04	0.000*	---	4.89	6.412
27109	25580	68131	50	511.5	420.5	1.4	0.04	0.000*	---	7.08	23.164
27110	25581	68131	50	394.5	334	1.4	0.04	0.000*	---	5.79	12.285
27111	25584	68131	50	2129.4	1617.7	1.4	0.04	0.000*	---	20.14	93.186
27112	25585	68131	50	662.9	532.6	1.4	0.04	0.000*	---	8.66	37.931
27113	25586	68131	50	232.3	213.9	1.4	0.04	0.000*	---	3.88	2.208
27114	25587	68131	50	537	439.4	1.4	0.04	0.000*	---	7.36	25.672
27115	25590	68131	50	402.9	340.2	1.4	0.04	0.000*	---	5.89	13.001
27116	25591	68131	50	190.4	182.9	1.4	0.04	0.000*	---	3.36	1.023
27117	25592	68131	50	621.9	502.2	1.4	0.04	0.000*	---	8.24	34.019
27118	25593	68131	50	379.5	322.8	1.4	0.04	0.000*	---	5.62	11.035
27119	25594	68131	50	268.9	241	1.4	0.04	0.000*	---	4.33	3.74
27120	25595	68131	50	295.7	260.8	1.4	0.04	0.000*	---	4.65	5.156
27121	25599	68131	50	484.6	400.6	1.4	0.04	0.000*	---	6.79	20.541
27122	25600	68131	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.819
27123	25601	68131	50	826.7	653.8	1.4	0.04	0.000*	---	10.25	52.059
27124	25603	68131	50	154.1	156	1.4	0.04	0.000*	---	2.9	0.427
27125	25604	68131	50	114.7	126.8	1.4	0.04	0.000*	---	2.4	0.118
27126	25605	68131	50	66.3	91.1	1.4	0.04	0.000*	---	1.76	0.011
27127	25606	68131	50	491.9	406	1.4	0.04	0.000*	---	6.87	21.245
27128	25607	68131	50	195.2	186.4	1.4	0.04	0.000*	---	3.42	1.13
27129	25609	68131	50	412	346.9	1.4	0.04	0.000*	---	5.99	13.792
27130	25610	68131	50	466.9	387.5	1.4	0.04	0.000*	---	6.6	18.835
27131	25611	68131	50	148.1	151.6	1.4	0.04	0.000*	---	2.83	0.361
27132	25614	68131	50	299	263.3	1.4	0.04	0.000*	---	4.69	5.352
27133	25615	68131	50	275.7	246	1.4	0.04	0.000*	---	4.41	4.077
27134	25617	68131	50	202.6	191.9	1.4	0.04	0.000*	---	3.52	1.309
27135	25618	68131	50	643.6	518.3	1.4	0.04	0.000*	---	8.46	36.102
27136	25623	68131	50	287.4	254.7	1.4	0.04	0.000*	---	4.55	4.691
27137	25628	68131	50	128.9	137.4	1.4	0.04	0.000*	---	2.58	0.198
27138	25629	68131	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.915
27139	25630	68131	50	491.9	406	1.4	0.04	0.000*	---	6.87	21.243
27140	25633	68131	50	253.1	229.3	1.4	0.04	0.000*	---	4.14	3.021
27141	25634	68131	50	638	514.1	1.4	0.04	0.000*	---	8.4	35.569
27142	25636	68131	50	698.7	559.1	1.4	0.04	0.000*	---	9.01	41.244
27143	25639	68131	50	189.1	181.9	1.4	0.04	0.000*	---	3.35	0.996
27144	25641	68131	50	421.4	353.8	1.4	0.04	0.000*	---	6.1	14.623

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27145	25655	68131	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.442
27146	25657	68131	50	328.7	285.2	1.4	0.04	0.000*	---	5.04	7.227
27147	25665	68131	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.625
27148	25668	68131	50	81	101.9	1.4	0.04	0.000*	---	1.95	0.026
27149	25690	68131	50	279.6	248.9	1.4	0.04	0.000*	---	4.46	4.275
27150	25694	68131	50	251.3	228	1.4	0.04	0.000*	---	4.12	2.945
27151	49213	68131	50	91.5	109.7	1.4	0.04	0.000*	---	2.09	0.044
27152	49214	68131	50	95.3	112.5	1.4	0.04	0.000*	---	2.14	0.052
27153	49215	68131	50	63.2	88.8	1.4	0.04	0.000*	---	1.72	0.009
27154	49370	68131	50	343.8	296.4	1.4	0.04	0.000*	---	5.21	8.292
27155	50000	68131	50	103.2	118.3	1.4	0.04	0.000*	---	2.25	0.074
27156	50009	68131	50	84.4	104.5	1.4	0.04	0.000*	---	2	0.031
27157	50439	68131	50	522.2	428.4	1.4	0.04	0.000*	---	7.2	24.215
27158	50446	68131	50	727.2	580.1	1.4	0.04	0.000*	---	9.29	43.793
27159	50448	68131	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.516
27160	50534	68131	50	240.9	220.3	1.4	0.04	0.000*	---	3.99	2.526
27161	50576	68131	50	1030.8	804.8	1.4	0.04	0.000*	---	12.09	65.683
27162	50580	68131	50	610.2	493.6	1.4	0.04	0.000*	---	8.12	32.884
27163	55747	68131	50	472.3	391.5	1.4	0.04	0.000*	---	6.66	19.353
27164	57809	68131	50	388.8	329.7	1.4	0.04	0.000*	---	5.73	11.799
27165	58685	68131	50	323.6	281.5	1.4	0.04	0.000*	---	4.98	6.889
27166	82423	68131	50	373.1	318.1	1.4	0.04	0.000*	---	5.55	10.52
27167	86097	68131	50	186.1	179.7	1.4	0.04	0.000*	---	3.31	0.933
27168	89514	68131	50	4651	3483.7	1.4	0.04	0.000*	---	32.62	99.405
27169	89546	68131	50	124.3	133.9	1.4	0.04	0.000*	---	2.52	0.169
27170	89547	68131	50	166.2	165	1.4	0.04	0.000*	---	3.06	0.587
27171	89787	68131	50	554.3	452.2	1.4	0.04	0.000*	---	7.54	27.39
27172	90307	68131	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
27173	90701	68131	50	176.1	172.3	1.4	0.04	0.000*	---	3.19	0.746
27174	90705	68131	50	132.1	139.8	1.4	0.04	0.000*	---	2.62	0.22
27175	91158	68131	50	178.3	173.9	1.4	0.04	0.000*	---	3.21	0.784
27176	91386	68131	50	234	215.2	1.4	0.04	0.000*	---	3.91	2.272
27177	91457	68131	50	281.7	250.4	1.4	0.04	0.000*	---	4.48	4.386
27178	92702	68131	50	20.5	57.2	1.4	0.04	0.000*	---	1.14	0
27179	93111	68131	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.23
27180	93113	68131	50	238.6	218.5	1.4	0.04	0.000*	---	3.96	2.438
27181	93114	68131	50	348.2	299.7	1.4	0.04	0.000*	---	5.26	8.613
27182	93131	68131	50	816.4	646.2	1.4	0.04	0.000*	---	10.15	51.255
27183	93132	68131	50	593.6	481.3	1.4	0.04	0.000*	---	7.95	31.26
27184	93171	68131	50	431.5	361.3	1.4	0.04	0.000*	---	6.21	15.534
27185	93413	68131	50	55.1	82.8	1.4	0.04	0.000*	---	1.61	0.005
27186	93414	68131	50	61.9	87.8	1.4	0.04	0.000*	---	1.7	0.008
27187	93415	68131	50	126.3	135.4	1.4	0.04	0.000*	---	2.55	0.181
27188	93416	68131	50	82.9	103.4	1.4	0.04	0.000*	---	1.98	0.028
27189	93417	68131	50	203.4	192.5	1.4	0.04	0.000*	---	3.53	1.33
27190	93418	68131	50	191.2	183.5	1.4	0.04	0.000*	---	3.37	1.041
27191	93419	68131	50	117.8	129.1	1.4	0.04	0.000*	---	2.44	0.133
27192	93420	68131	50	154.4	156.3	1.4	0.04	0.000*	---	2.91	0.431
27193	93540	68131	50	641.4	516.6	1.4	0.04	0.000*	---	8.44	35.893
27194	5	68132	50	261.4	235.4	1.4	0.04	0.000*	---	4.24	3.386
27195	60	68132	50	204.1	193	1.4	0.04	0.000*	---	3.54	1.347
27196	1358	68132	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
27197	1373	68132	50	264.9	238	1.4	0.04	0.000*	---	4.28	3.547
27198	1381	68132	50	58.1	85	1.4	0.04	0.000*	---	1.65	0.006
27199	1424	68132	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
27200	2021	68132	50	248.9	226.2	1.4	0.04	0.000*	---	4.09	2.847
27201	2136	68132	50	126.1	135.3	1.4	0.04	0.000*	---	2.55	0.18
27202	5018	68132	50	66.3	91	1.4	0.04	0.000*	---	1.76	0.011
27203	5137	68132	50	214.8	200.9	1.4	0.04	0.000*	---	3.67	1.643
27204	5139	68132	50	213.4	199.9	1.4	0.04	0.000*	---	3.65	1.602
27205	5140	68132	50	361	309.2	1.4	0.04	0.000*	---	5.41	9.576

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27206	5312	68132	50	534.1	437.2	1.4	0.04	0.000*	---	7.33	25.389
27207	5313	68132	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.316
27208	5314	68132	50	352	302.5	1.4	0.04	0.000*	---	5.31	8.891
27209	5315	68132	50	199.8	189.8	1.4	0.04	0.000*	---	3.48	1.239
27210	5316	68132	50	74.5	97.1	1.4	0.04	0.000*	---	1.87	0.018
27211	5317	68132	50	141.8	146.9	1.4	0.04	0.000*	---	2.75	0.3
27212	49486	68132	50	107.1	121.3	1.4	0.04	0.000*	---	2.3	0.088
27213	49487	68132	50	115.7	127.6	1.4	0.04	0.000*	---	2.41	0.123
27214	49488	68132	50	409.1	344.8	1.4	0.04	0.000*	---	5.96	13.541
27215	49490	68132	50	80.6	101.6	1.4	0.04	0.000*	---	1.95	0.025
27216	49491	68132	50	176.9	172.9	1.4	0.04	0.000*	---	3.19	0.759
27217	49493	68132	50	161	161.1	1.4	0.04	0.000*	---	2.99	0.514
27218	49494	68132	50	124.6	134.2	1.4	0.04	0.000*	---	2.53	0.171
27219	49495	68132	50	94.3	111.8	1.4	0.04	0.000*	---	2.13	0.05
27220	49496	68132	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.559
27221	49497	68132	50	235	215.9	1.4	0.04	0.000*	---	3.92	2.307
27222	49498	68132	50	391.6	331.8	1.4	0.04	0.000*	---	5.76	12.04
27223	49500	68132	50	261.7	235.6	1.4	0.04	0.000*	---	4.24	3.4
27224	49501	68132	50	251	227.8	1.4	0.04	0.000*	---	4.11	2.934
27225	49502	68132	50	119.2	130.2	1.4	0.04	0.000*	---	2.46	0.141
27226	49503	68132	50	393.9	333.5	1.4	0.04	0.000*	---	5.79	12.226
27227	49504	68132	50	394.7	334	1.4	0.04	0.000*	---	5.8	12.295
27228	49505	68132	50	245.8	223.9	1.4	0.04	0.000*	---	4.05	2.718
27229	49506	68132	50	353.2	303.3	1.4	0.04	0.000*	---	5.32	8.978
27230	49509	68132	50	324.4	282.1	1.4	0.04	0.000*	---	4.99	6.942
27231	49510	68132	50	270.3	242	1.4	0.04	0.000*	---	4.34	3.806
27232	49511	68132	50	256	231.4	1.4	0.04	0.000*	---	4.17	3.146
27233	49512	68132	50	391.5	331.7	1.4	0.04	0.000*	---	5.76	12.027
27234	49513	68132	50	614.3	496.6	1.4	0.04	0.000*	---	8.16	33.286
27235	49514	68132	50	992.7	776.6	1.4	0.04	0.000*	---	11.76	63.465
27236	49515	68132	50	218.8	203.9	1.4	0.04	0.000*	---	3.72	1.763
27237	49516	68132	50	142.7	147.6	1.4	0.04	0.000*	---	2.76	0.308
27238	49517	68132	50	251.7	228.3	1.4	0.04	0.000*	---	4.12	2.962
27239	49518	68132	50	350.1	301.1	1.4	0.04	0.000*	---	5.29	8.751
27240	49519	68132	50	135	141.9	1.4	0.04	0.000*	---	2.66	0.242
27241	49521	68132	50	344.5	296.9	1.4	0.04	0.000*	---	5.22	8.341
27242	49522	68132	50	207.5	195.6	1.4	0.04	0.000*	---	3.58	1.437
27243	49523	68132	50	239.9	219.5	1.4	0.04	0.000*	---	3.98	2.489
27244	49524	68132	50	238.8	218.7	1.4	0.04	0.000*	---	3.96	2.447
27245	49525	68132	50	282.8	251.3	1.4	0.04	0.000*	---	4.49	4.443
27246	49526	68132	50	353.8	303.8	1.4	0.04	0.000*	---	5.33	9.025
27247	49527	68132	50	257.9	232.9	1.4	0.04	0.000*	---	4.2	3.231
27248	49528	68132	50	682.1	546.8	1.4	0.04	0.000*	---	8.85	39.719
27249	49529	68132	50	264.2	237.5	1.4	0.04	0.000*	---	4.27	3.519
27250	49536	68132	50	194.8	186.2	1.4	0.04	0.000*	---	3.42	1.122
27251	49538	68132	50	147.5	151.1	1.4	0.04	0.000*	---	2.82	0.354
27252	49539	68132	50	407.4	343.5	1.4	0.04	0.000*	---	5.94	13.385
27253	49540	68132	50	2069	1573	1.4	0.04	0.000*	---	19.76	92.636
27254	49541	68132	50	327.8	284.5	1.4	0.04	0.000*	---	5.03	7.166
27255	49542	68132	50	483.1	399.5	1.4	0.04	0.000*	---	6.78	20.391
27256	49543	68132	50	380.7	323.7	1.4	0.04	0.000*	---	5.64	11.135
27257	49544	68132	50	386.1	327.7	1.4	0.04	0.000*	---	5.7	11.581
27258	49546	68132	50	192.4	184.4	1.4	0.04	0.000*	---	3.39	1.066
27259	49547	68132	50	202.1	191.6	1.4	0.04	0.000*	---	3.51	1.297
27260	49548	68132	50	325.3	282.7	1.4	0.04	0.000*	---	5	7.001
27261	49551	68132	50	236.9	217.3	1.4	0.04	0.000*	---	3.94	2.377
27262	49552	68132	50	567.7	462.1	1.4	0.04	0.000*	---	7.68	28.714
27263	49553	68132	50	217.5	202.9	1.4	0.04	0.000*	---	3.7	1.722
27264	49554	68132	50	197.8	188.4	1.4	0.04	0.000*	---	3.46	1.191
27265	49556	68132	50	351.1	301.8	1.4	0.04	0.000*	---	5.3	8.827
27266	49558	68132	50	341.2	294.5	1.4	0.04	0.000*	---	5.18	8.103

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27267	49561	68132	50	634.4	511.4	1.4	0.04	0.000*	---	8.37	35.219
27268	49563	68132	50	542.6	443.5	1.4	0.04	0.000*	---	7.41	26.228
27269	49564	68132	50	525.9	431.2	1.4	0.04	0.000*	---	7.24	24.58
27270	49565	68132	50	291.4	257.6	1.4	0.04	0.000*	---	4.6	4.915
27271	49566	68132	50	360.1	308.5	1.4	0.04	0.000*	---	5.4	9.504
27272	49567	68132	50	257.5	232.5	1.4	0.04	0.000*	---	4.19	3.211
27273	49568	68132	50	267.2	239.7	1.4	0.04	0.000*	---	4.31	3.658
27274	49569	68132	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.607
27275	49571	68132	50	573.7	466.5	1.4	0.04	0.000*	---	7.74	29.305
27276	49573	68132	50	551.6	450.2	1.4	0.04	0.000*	---	7.51	27.122
27277	49574	68132	50	1489.9	1144.5	1.4	0.04	0.000*	---	15.78	83.418
27278	49575	68132	50	680.2	545.3	1.4	0.04	0.000*	---	8.83	39.541
27279	49576	68132	50	391.4	331.6	1.4	0.04	0.000*	---	5.76	12.016
27280	49577	68132	50	462.2	384	1.4	0.04	0.000*	---	6.55	18.39
27281	49578	68132	50	354.5	304.3	1.4	0.04	0.000*	---	5.34	9.078
27282	49583	68132	50	397.5	336.2	1.4	0.04	0.000*	---	5.83	12.539
27283	49584	68132	50	549.5	448.6	1.4	0.04	0.000*	---	7.49	26.913
27284	49585	68132	50	308.2	270.1	1.4	0.04	0.000*	---	4.8	5.901
27285	49588	68132	50	451.6	376.2	1.4	0.04	0.000*	---	6.43	17.39
27286	49589	68132	50	486.7	402.1	1.4	0.04	0.000*	---	6.82	20.739
27287	49590	68132	50	435.8	364.5	1.4	0.04	0.000*	---	6.26	15.923
27288	49591	68132	50	332.7	288.2	1.4	0.04	0.000*	---	5.08	7.504
27289	49592	68132	50	748.5	595.9	1.4	0.04	0.000*	---	9.5	45.655
27290	49594	68132	50	512.5	421.2	1.4	0.04	0.000*	---	7.09	23.254
27291	49595	68132	50	649	522.3	1.4	0.04	0.000*	---	8.52	36.62
27292	49599	68132	50	519.2	426.2	1.4	0.04	0.000*	---	7.17	23.913
27293	49602	68132	50	657.5	528.5	1.4	0.04	0.000*	---	8.6	37.419
27294	49603	68132	50	719.3	574.3	1.4	0.04	0.000*	---	9.22	43.096
27295	49604	68132	50	168	166.3	1.4	0.04	0.000*	---	3.08	0.613
27296	49607	68132	50	71.2	94.7	1.4	0.04	0.000*	---	1.82	0.015
27297	49608	68132	50	210.6	197.9	1.4	0.04	0.000*	---	3.62	1.524
27298	49610	68132	50	274.7	245.3	1.4	0.04	0.000*	---	4.4	4.024
27299	49612	68132	50	795.3	630.5	1.4	0.04	0.000*	---	9.95	49.567
27300	49613	68132	50	280	249.2	1.4	0.04	0.000*	---	4.46	4.295
27301	49614	68132	50	47.6	77.3	1.4	0.04	0.000*	---	1.51	0.003
27302	49615	68132	50	285.3	253.1	1.4	0.04	0.000*	---	4.52	4.578
27303	49616	68132	50	358.6	307.3	1.4	0.04	0.000*	---	5.38	9.387
27304	49618	68132	50	182	176.7	1.4	0.04	0.000*	---	3.26	0.853
27305	49619	68132	50	332.6	288.1	1.4	0.04	0.000*	---	5.08	7.499
27306	49620	68132	50	251.3	227.9	1.4	0.04	0.000*	---	4.12	2.944
27307	49621	68132	50	469.2	389.2	1.4	0.04	0.000*	---	6.63	19.059
27308	49622	68132	50	168.7	166.9	1.4	0.04	0.000*	---	3.09	0.625
27309	49623	68132	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.61
27310	49624	68132	50	391.3	331.6	1.4	0.04	0.000*	---	5.76	12.012
27311	49625	68132	50	252.5	228.8	1.4	0.04	0.000*	---	4.13	2.995
27312	49626	68132	50	180.4	175.5	1.4	0.04	0.000*	---	3.24	0.823
27313	49627	68132	50	109	122.7	1.4	0.04	0.000*	---	2.32	0.095
27314	49628	68132	50	183.9	178.1	1.4	0.04	0.000*	---	3.28	0.889
27315	49632	68132	50	597.2	483.9	1.4	0.04	0.000*	---	7.99	31.61
27316	49634	68132	50	335.9	290.5	1.4	0.04	0.000*	---	5.12	7.724
27317	49635	68132	50	180.5	175.6	1.4	0.04	0.000*	---	3.24	0.825
27318	49637	68132	50	374.6	319.2	1.4	0.04	0.000*	---	5.57	10.64
27319	49638	68132	50	441.8	368.9	1.4	0.04	0.000*	---	6.32	16.478
27320	49639	68132	50	205.4	194	1.4	0.04	0.000*	---	3.55	1.383
27321	49640	68132	50	325.1	282.5	1.4	0.04	0.000*	---	4.99	6.985
27322	49641	68132	50	381	323.9	1.4	0.04	0.000*	---	5.64	11.157
27323	49642	68132	50	312.7	273.4	1.4	0.04	0.000*	---	4.85	6.181
27324	49643	68132	50	344.5	297	1.4	0.04	0.000*	---	5.22	8.342
27325	49644	68132	50	347.1	298.9	1.4	0.04	0.000*	---	5.25	8.53
27326	49645	68132	50	389.4	330.2	1.4	0.04	0.000*	---	5.74	11.855
27327	49647	68132	50	120.3	131	1.4	0.04	0.000*	---	2.47	0.146

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27328	49648	68132	50	163.8	163.2	1.4	0.04	0.000*	---	3.03	0.552
27329	49649	68132	50	251.8	228.4	1.4	0.04	0.000*	---	4.12	2.967
27330	49651	68132	50	107.1	121.3	1.4	0.04	0.000*	---	2.3	0.088
27331	49652	68132	50	421.6	354	1.4	0.04	0.000*	---	6.1	14.643
27332	49653	68132	50	325.4	282.8	1.4	0.04	0.000*	---	5	7.01
27333	49654	68132	50	361.9	309.8	1.4	0.04	0.000*	---	5.42	9.644
27334	49656	68132	50	473.1	392.1	1.4	0.04	0.000*	---	6.67	19.427
27335	49657	68132	50	118	129.3	1.4	0.04	0.000*	---	2.44	0.135
27336	49659	68132	50	448.3	373.8	1.4	0.04	0.000*	---	6.4	17.084
27337	49660	68132	50	275.8	246.1	1.4	0.04	0.000*	---	4.41	4.08
27338	49661	68132	50	110.9	124	1.4	0.04	0.000*	---	2.35	0.102
27339	49662	68132	50	196.7	187.6	1.4	0.04	0.000*	---	3.44	1.166
27340	49663	68132	50	224.9	208.4	1.4	0.04	0.000*	---	3.79	1.958
27341	49664	68132	50	123.7	133.5	1.4	0.04	0.000*	---	2.51	0.165
27342	49665	68132	50	243.7	222.3	1.4	0.04	0.000*	---	4.02	2.635
27343	49666	68132	50	281.6	250.4	1.4	0.04	0.000*	---	4.48	4.379
27344	49667	68132	50	177.7	173.5	1.4	0.04	0.000*	---	3.21	0.774
27345	49668	68132	50	505.7	416.2	1.4	0.04	0.000*	---	7.02	22.594
27346	49669	68132	50	200.8	190.6	1.4	0.04	0.000*	---	3.49	1.264
27347	49670	68132	50	280.8	249.8	1.4	0.04	0.000*	---	4.47	4.34
27348	49671	68132	50	290.2	256.8	1.4	0.04	0.000*	---	4.58	4.848
27349	49672	68132	50	125.2	134.6	1.4	0.04	0.000*	---	2.53	0.174
27350	49674	68132	50	529.3	433.7	1.4	0.04	0.000*	---	7.27	24.915
27351	49676	68132	50	163.5	163	1.4	0.04	0.000*	---	3.03	0.548
27352	49678	68132	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
27353	49679	68132	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
27354	49680	68132	50	116.1	127.9	1.4	0.04	0.000*	---	2.42	0.125
27355	49681	68132	50	329.1	285.5	1.4	0.04	0.000*	---	5.04	7.257
27356	49682	68132	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.251
27357	49686	68132	50	601.7	487.3	1.4	0.04	0.000*	---	8.03	32.053
27358	49687	68132	50	980.2	767.4	1.4	0.04	0.000*	---	11.65	62.711
27359	49688	68132	50	351.2	301.9	1.4	0.04	0.000*	---	5.3	8.832
27360	49689	68132	50	209.8	197.3	1.4	0.04	0.000*	---	3.61	1.501
27361	49690	68132	50	141.5	146.7	1.4	0.04	0.000*	---	2.74	0.297
27362	49691	68132	50	181.4	176.3	1.4	0.04	0.000*	---	3.25	0.842
27363	49692	68132	50	184.9	178.8	1.4	0.04	0.000*	---	3.3	0.91
27364	49693	68132	50	179	174.5	1.4	0.04	0.000*	---	3.22	0.798
27365	49694	68132	50	134.3	141.4	1.4	0.04	0.000*	---	2.65	0.237
27366	49695	68132	50	383.6	325.9	1.4	0.04	0.000*	---	5.67	11.375
27367	49697	68132	50	142.2	147.2	1.4	0.04	0.000*	---	2.75	0.303
27368	49698	68132	50	98.3	114.7	1.4	0.04	0.000*	---	2.18	0.06
27369	49699	68132	50	103	118.2	1.4	0.04	0.000*	---	2.24	0.074
27370	49701	68132	50	223.4	207.3	1.4	0.04	0.000*	---	3.77	1.909
27371	49702	68132	50	543.8	444.4	1.4	0.04	0.000*	---	7.43	26.344
27372	49703	68132	50	290.8	257.2	1.4	0.04	0.000*	---	4.59	4.881
27373	49704	68132	50	301.1	264.9	1.4	0.04	0.000*	---	4.71	5.476
27374	49707	68132	50	557.8	454.8	1.4	0.04	0.000*	---	7.58	27.732
27375	49708	68132	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
27376	49709	68132	50	336.8	291.3	1.4	0.04	0.000*	---	5.13	7.792
27377	49712	68132	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
27378	49713	68132	50	134.9	141.8	1.4	0.04	0.000*	---	2.66	0.241
27379	49714	68132	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.272
27380	49716	68132	50	77.6	99.4	1.4	0.04	0.000*	---	1.91	0.021
27381	49717	68132	50	261.5	235.5	1.4	0.04	0.000*	---	4.24	3.394
27382	49722	68132	50	114.2	126.5	1.4	0.04	0.000*	---	2.39	0.116
27383	49723	68132	50	215.7	201.6	1.4	0.04	0.000*	---	3.68	1.669
27384	49724	68132	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.876
27385	49725	68132	50	264.1	237.4	1.4	0.04	0.000*	---	4.27	3.513
27386	49726	68132	50	217.8	203.1	1.4	0.04	0.000*	---	3.7	1.731
27387	49727	68132	50	126.3	135.5	1.4	0.04	0.000*	---	2.55	0.181
27388	49728	68132	50	101	116.8	1.4	0.04	0.000*	---	2.22	0.068

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27389	49729	68132	50	279.1	248.5	1.4	0.04	0.000*	---	4.45	4.251
27390	49730	68132	50	307.4	269.5	1.4	0.04	0.000*	---	4.79	5.851
27391	49732	68132	50	463	384.6	1.4	0.04	0.000*	---	6.56	18.462
27392	49733	68132	50	210.9	198	1.4	0.04	0.000*	---	3.62	1.53
27393	49734	68132	50	358.8	307.5	1.4	0.04	0.000*	---	5.39	9.403
27394	49736	68132	50	161.1	161.3	1.4	0.04	0.000*	---	3	0.516
27395	49737	68132	50	87	106.4	1.4	0.04	0.000*	---	2.03	0.035
27396	49738	68132	50	67.3	91.8	1.4	0.04	0.000*	---	1.77	0.012
27397	49739	68132	50	64.7	89.9	1.4	0.04	0.000*	---	1.74	0.01
27398	49741	68132	50	549.8	448.9	1.4	0.04	0.000*	---	7.49	26.944
27399	49742	68132	50	366.8	313.4	1.4	0.04	0.000*	---	5.48	10.019
27400	49743	68132	50	270	241.8	1.4	0.04	0.000*	---	4.34	3.793
27401	49745	68132	50	294.5	259.9	1.4	0.04	0.000*	---	4.63	5.087
27402	49746	68132	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.964
27403	49747	68132	50	477.4	395.3	1.4	0.04	0.000*	---	6.71	19.839
27404	49749	68132	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.179
27405	49752	68132	50	204.4	193.2	1.4	0.04	0.000*	---	3.54	1.354
27406	49753	68132	50	200.3	190.2	1.4	0.04	0.000*	---	3.49	1.252
27407	49755	68132	50	136.9	143.3	1.4	0.04	0.000*	---	2.69	0.258
27408	49757	68132	50	312.2	273	1.4	0.04	0.000*	---	4.84	6.148
27409	49759	68132	50	206.5	194.8	1.4	0.04	0.000*	---	3.57	1.411
27410	49760	68132	50	358.2	307.1	1.4	0.04	0.000*	---	5.38	9.359
27411	49761	68132	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.246
27412	49762	68132	50	226.2	209.4	1.4	0.04	0.000*	---	3.81	2
27413	49763	68132	50	184.1	178.3	1.4	0.04	0.000*	---	3.29	0.894
27414	49764	68132	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.167
27415	49765	68132	50	267.5	240	1.4	0.04	0.000*	---	4.31	3.675
27416	49766	68132	50	112	124.9	1.4	0.04	0.000*	---	2.36	0.107
27417	49767	68132	50	423.5	355.4	1.4	0.04	0.000*	---	6.12	14.807
27418	49768	68132	50	300.4	264.3	1.4	0.04	0.000*	---	4.7	5.431
27419	49769	68132	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.067
27420	49774	68132	50	270.5	242.2	1.4	0.04	0.000*	---	4.35	3.817
27421	49777	68132	50	261.5	235.5	1.4	0.04	0.000*	---	4.24	3.392
27422	49778	68132	50	255.9	231.3	1.4	0.04	0.000*	---	4.17	3.141
27423	49779	68132	50	239.5	219.2	1.4	0.04	0.000*	---	3.97	2.472
27424	49781	68132	50	259.1	233.8	1.4	0.04	0.000*	---	4.21	3.286
27425	49782	68132	50	85.9	105.5	1.4	0.04	0.000*	---	2.02	0.033
27426	49783	68132	50	196.4	187.4	1.4	0.04	0.000*	---	3.44	1.159
27427	49784	68132	50	265.5	238.5	1.4	0.04	0.000*	---	4.29	3.578
27428	49785	68132	50	253.6	229.6	1.4	0.04	0.000*	---	4.14	3.04
27429	49786	68132	50	47.7	77.3	1.4	0.04	0.000*	---	1.51	0.003
27430	49787	68132	50	427.8	358.6	1.4	0.04	0.000*	---	6.17	15.199
27431	49788	68132	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
27432	49791	68132	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.272
27433	49793	68132	50	197.2	187.9	1.4	0.04	0.000*	---	3.45	1.176
27434	49796	68132	50	194.8	186.1	1.4	0.04	0.000*	---	3.42	1.121
27435	49797	68132	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.627
27436	49799	68132	50	194.1	185.6	1.4	0.04	0.000*	---	3.41	1.104
27437	49800	68132	50	109.8	123.3	1.4	0.04	0.000*	---	2.33	0.098
27438	49801	68132	50	221	205.5	1.4	0.04	0.000*	---	3.74	1.831
27439	49802	68132	50	1258.3	973.1	1.4	0.04	0.000*	---	13.99	76.251
27440	49803	68132	50	183	177.4	1.4	0.04	0.000*	---	3.27	0.872
27441	49804	68132	50	452.8	377.1	1.4	0.04	0.000*	---	6.45	17.505
27442	49805	68132	50	264	237.3	1.4	0.04	0.000*	---	4.27	3.506
27443	49806	68132	50	415.5	349.5	1.4	0.04	0.000*	---	6.03	14.101
27444	49807	68132	50	591.4	479.7	1.4	0.04	0.000*	---	7.93	31.048
27445	49808	68132	50	1331.3	1027.1	1.4	0.04	0.000*	---	14.57	78.834
27446	49811	68132	50	117.8	129.2	1.4	0.04	0.000*	---	2.44	0.134
27447	49812	68132	50	98.5	114.9	1.4	0.04	0.000*	---	2.19	0.061
27448	49813	68132	50	297	261.8	1.4	0.04	0.000*	---	4.66	5.23
27449	49814	68132	50	419.1	352.2	1.4	0.04	0.000*	---	6.07	14.421

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27450	49815	68132	50	101.1	116.8	1.4	0.04	0.000*	---	2.22	0.068
27451	49816	68132	50	192.5	184.5	1.4	0.04	0.000*	---	3.39	1.07
27452	49817	68132	50	108.8	122.5	1.4	0.04	0.000*	---	2.32	0.094
27453	49818	68132	50	439.3	367.1	1.4	0.04	0.000*	---	6.3	16.252
27454	49819	68132	50	263.1	236.7	1.4	0.04	0.000*	---	4.26	3.464
27455	49820	68132	50	293.4	259.1	1.4	0.04	0.000*	---	4.62	5.024
27456	49822	68132	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
27457	49823	68132	50	232.8	214.3	1.4	0.04	0.000*	---	3.89	2.229
27458	49825	68132	50	143.4	148.1	1.4	0.04	0.000*	---	2.77	0.314
27459	49826	68132	50	197.9	188.4	1.4	0.04	0.000*	---	3.46	1.193
27460	49827	68132	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
27461	49828	68132	50	210.3	197.6	1.4	0.04	0.000*	---	3.61	1.515
27462	49832	68132	50	220.1	204.8	1.4	0.04	0.000*	---	3.73	1.802
27463	49833	68132	50	90.5	109	1.4	0.04	0.000*	---	2.08	0.042
27464	49834	68132	50	395.4	334.6	1.4	0.04	0.000*	---	5.8	12.358
27465	49835	68132	50	138.3	144.4	1.4	0.04	0.000*	---	2.7	0.269
27466	49836	68132	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
27467	49837	68132	50	242.5	221.4	1.4	0.04	0.000*	---	4.01	2.588
27468	49839	68132	50	171.7	169.1	1.4	0.04	0.000*	---	3.13	0.672
27469	49841	68132	50	496.2	409.2	1.4	0.04	0.000*	---	6.92	21.663
27470	49843	68132	50	327.2	284.1	1.4	0.04	0.000*	---	5.02	7.127
27471	49844	68132	50	193.3	185.1	1.4	0.04	0.000*	---	3.4	1.088
27472	49846	68132	50	173.4	170.3	1.4	0.04	0.000*	---	3.15	0.7
27473	49848	68132	50	330	286.2	1.4	0.04	0.000*	---	5.05	7.315
27474	49849	68132	50	406.9	343.1	1.4	0.04	0.000*	---	5.93	13.341
27475	49851	68132	50	119.7	130.6	1.4	0.04	0.000*	---	2.46	0.143
27476	49852	68132	50	470	389.8	1.4	0.04	0.000*	---	6.63	19.13
27477	49853	68132	50	202.9	192.2	1.4	0.04	0.000*	---	3.52	1.318
27478	49854	68132	50	206.7	195	1.4	0.04	0.000*	---	3.57	1.417
27479	49855	68132	50	361.9	309.8	1.4	0.04	0.000*	---	5.42	9.645
27480	49857	68132	50	170.2	167.9	1.4	0.04	0.000*	---	3.11	0.647
27481	49858	68132	50	132.7	140.2	1.4	0.04	0.000*	---	2.63	0.224
27482	49859	68132	50	289.5	256.3	1.4	0.04	0.000*	---	4.58	4.81
27483	49860	68132	50	268.4	240.6	1.4	0.04	0.000*	---	4.32	3.717
27484	49861	68132	50	241	220.4	1.4	0.04	0.000*	---	3.99	2.532
27485	49862	68132	50	241.7	220.8	1.4	0.04	0.000*	---	4	2.556
27486	49863	68132	50	311.3	272.4	1.4	0.04	0.000*	---	4.83	6.096
27487	49864	68132	50	511.8	420.7	1.4	0.04	0.000*	---	7.09	23.189
27488	49865	68132	50	491.5	405.7	1.4	0.04	0.000*	---	6.87	21.206
27489	49868	68132	50	235.4	216.2	1.4	0.04	0.000*	---	3.92	2.319
27490	49870	68132	50	245.6	223.8	1.4	0.04	0.000*	---	4.05	2.712
27491	49872	68132	50	187.2	180.5	1.4	0.04	0.000*	---	3.32	0.956
27492	49874	68132	50	350.2	301.2	1.4	0.04	0.000*	---	5.29	8.759
27493	49876	68132	50	163.2	162.8	1.4	0.04	0.000*	---	3.02	0.544
27494	49877	68132	50	333.3	288.6	1.4	0.04	0.000*	---	5.09	7.544
27495	49881	68132	50	283	251.5	1.4	0.04	0.000*	---	4.5	4.458
27496	49883	68132	50	438.3	366.3	1.4	0.04	0.000*	---	6.28	16.152
27497	49884	68132	50	580.3	471.4	1.4	0.04	0.000*	---	7.81	29.955
27498	49885	68132	50	167.7	166.1	1.4	0.04	0.000*	---	3.08	0.609
27499	49886	68132	50	254.2	230.1	1.4	0.04	0.000*	---	4.15	3.067
27500	49888	68132	50	143	147.9	1.4	0.04	0.000*	---	2.76	0.311
27501	49889	68132	50	219.6	204.5	1.4	0.04	0.000*	---	3.73	1.788
27502	49891	68132	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
27503	49892	68132	50	150.2	153.1	1.4	0.04	0.000*	---	2.86	0.383
27504	49893	68132	50	122.1	132.4	1.4	0.04	0.000*	---	2.49	0.156
27505	49894	68132	50	273	244	1.4	0.04	0.000*	---	4.38	3.94
27506	49895	68132	50	386.6	328.1	1.4	0.04	0.000*	---	5.7	11.618
27507	49897	68132	50	267.8	240.2	1.4	0.04	0.000*	---	4.31	3.686
27508	49898	68132	50	239	218.9	1.4	0.04	0.000*	---	3.97	2.455
27509	49899	68132	50	77.5	99.3	1.4	0.04	0.000*	---	1.91	0.021
27510	49901	68132	50	164.7	163.9	1.4	0.04	0.000*	---	3.04	0.565

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27511	49902	68132	50	70.5	94.1	1.4	0.04	0.000*	---	1.81	0.014
27512	49905	68132	50	133.3	140.6	1.4	0.04	0.000*	---	2.64	0.229
27513	49906	68132	50	277.7	247.5	1.4	0.04	0.000*	---	4.43	4.18
27514	49907	68132	50	92.9	110.7	1.4	0.04	0.000*	---	2.11	0.047
27515	49908	68132	50	335.7	290.4	1.4	0.04	0.000*	---	5.12	7.715
27516	49909	68132	50	384.4	326.5	1.4	0.04	0.000*	---	5.68	11.441
27517	49910	68132	50	227.2	210.1	1.4	0.04	0.000*	---	3.82	2.034
27518	49911	68132	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
27519	49912	68132	50	150.6	153.4	1.4	0.04	0.000*	---	2.86	0.387
27520	49913	68132	50	239.7	219.4	1.4	0.04	0.000*	---	3.97	2.482
27521	49914	68132	50	208.8	196.5	1.4	0.04	0.000*	---	3.59	1.473
27522	49915	68132	50	175.7	172	1.4	0.04	0.000*	---	3.18	0.739
27523	49916	68132	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
27524	49917	68132	50	155.9	157.4	1.4	0.04	0.000*	---	2.93	0.449
27525	49918	68132	50	75	97.5	1.4	0.04	0.000*	---	1.87	0.018
27526	49920	68132	50	285	252.9	1.4	0.04	0.000*	---	4.52	4.561
27527	49921	68132	50	191	183.3	1.4	0.04	0.000*	---	3.37	1.036
27528	49922	68132	50	187.9	181.1	1.4	0.04	0.000*	---	3.33	0.971
27529	49923	68132	50	218.3	203.6	1.4	0.04	0.000*	---	3.71	1.749
27530	49924	68132	50	186.7	180.1	1.4	0.04	0.000*	---	3.32	0.945
27531	49925	68132	50	175.7	172	1.4	0.04	0.000*	---	3.18	0.739
27532	49926	68132	50	170.8	168.4	1.4	0.04	0.000*	---	3.12	0.658
27533	49927	68132	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.547
27534	49928	68132	50	253.5	229.6	1.4	0.04	0.000*	---	4.14	3.037
27535	49929	68132	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
27536	49930	68132	50	239	218.8	1.4	0.04	0.000*	---	3.97	2.453
27537	49931	68132	50	477.5	395.4	1.4	0.04	0.000*	---	6.72	19.854
27538	49932	68132	50	181.1	176	1.4	0.04	0.000*	---	3.25	0.836
27539	49933	68132	50	89	107.8	1.4	0.04	0.000*	---	2.06	0.039
27540	49934	68132	50	436.3	364.8	1.4	0.04	0.000*	---	6.26	15.97
27541	49935	68132	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.409
27542	49936	68132	50	78.9	100.4	1.4	0.04	0.000*	---	1.93	0.023
27543	49937	68132	50	207.4	195.4	1.4	0.04	0.000*	---	3.58	1.433
27544	49938	68132	50	233.8	215	1.4	0.04	0.000*	---	3.9	2.264
27545	49939	68132	50	201.1	190.8	1.4	0.04	0.000*	---	3.5	1.272
27546	49940	68132	50	349.4	300.6	1.4	0.04	0.000*	---	5.28	8.7
27547	49941	68132	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
27548	49943	68132	50	261.7	235.6	1.4	0.04	0.000*	---	4.24	3.401
27549	49944	68132	50	173.7	170.6	1.4	0.04	0.000*	---	3.15	0.705
27550	49945	68132	50	89.1	107.9	1.4	0.04	0.000*	---	2.06	0.039
27551	49946	68132	50	131.7	139.5	1.4	0.04	0.000*	---	2.62	0.218
27552	49947	68132	50	142.1	147.1	1.4	0.04	0.000*	---	2.75	0.302
27553	49948	68132	50	833.9	659.1	1.4	0.04	0.000*	---	10.31	52.618
27554	49950	68132	50	500.9	412.7	1.4	0.04	0.000*	---	6.97	22.122
27555	49952	68132	50	533.7	437	1.4	0.04	0.000*	---	7.32	25.352
27556	49953	68132	50	111.4	124.5	1.4	0.04	0.000*	---	2.35	0.105
27557	49954	68132	50	93.3	111.1	1.4	0.04	0.000*	---	2.12	0.048
27558	49955	68132	50	560.5	456.8	1.4	0.04	0.000*	---	7.6	28.002
27559	49956	68132	50	281.1	250	1.4	0.04	0.000*	---	4.48	4.357
27560	49958	68132	50	185.6	179.3	1.4	0.04	0.000*	---	3.3	0.923
27561	49959	68132	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.096
27562	49960	68132	50	119.9	130.7	1.4	0.04	0.000*	---	2.46	0.144
27563	49961	68132	50	200.2	190.1	1.4	0.04	0.000*	---	3.49	1.248
27564	49962	68132	50	219.9	204.7	1.4	0.04	0.000*	---	3.73	1.796
27565	49963	68132	50	143.9	148.5	1.4	0.04	0.000*	---	2.77	0.319
27566	49964	68132	50	410.6	345.8	1.4	0.04	0.000*	---	5.98	13.666
27567	49965	68132	50	174.3	171	1.4	0.04	0.000*	---	3.16	0.715
27568	49966	68132	50	269.5	241.4	1.4	0.04	0.000*	---	4.34	3.769
27569	49968	68132	50	333.6	288.9	1.4	0.04	0.000*	---	5.09	7.567
27570	49969	68132	50	115.5	127.5	1.4	0.04	0.000*	---	2.41	0.122
27571	49970	68132	50	154.7	156.5	1.4	0.04	0.000*	---	2.91	0.435

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27572	49971	68132	50	267.7	240.1	1.4	0.04	0.000*	---	4.31	3.684
27573	49972	68132	50	124.5	134.1	1.4	0.04	0.000*	---	2.52	0.17
27574	49973	68132	50	302.4	265.8	1.4	0.04	0.000*	---	4.73	5.551
27575	49974	68132	50	129.2	137.6	1.4	0.04	0.000*	---	2.59	0.2
27576	49975	68132	50	321.4	279.8	1.4	0.04	0.000*	---	4.95	6.742
27577	49976	68132	50	210.8	198	1.4	0.04	0.000*	---	3.62	1.529
27578	49978	68132	50	204.1	193	1.4	0.04	0.000*	---	3.54	1.347
27579	49979	68132	50	533.1	436.5	1.4	0.04	0.000*	---	7.31	25.291
27580	49981	68132	50	391.8	331.9	1.4	0.04	0.000*	---	5.76	12.051
27581	49982	68132	50	187.7	180.9	1.4	0.04	0.000*	---	3.33	0.966
27582	49983	68132	50	65.8	90.7	1.4	0.04	0.000*	---	1.75	0.011
27583	49984	68132	50	64.1	89.4	1.4	0.04	0.000*	---	1.73	0.009
27584	49985	68132	50	474.5	393.1	1.4	0.04	0.000*	---	6.68	19.566
27585	49986	68132	50	712.8	569.5	1.4	0.04	0.000*	---	9.15	42.515
27586	49988	68132	50	655.8	527.3	1.4	0.04	0.000*	---	8.58	37.263
27587	49989	68132	50	265.2	238.2	1.4	0.04	0.000*	---	4.28	3.562
27588	49990	68132	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
27589	49991	68132	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
27590	49992	68132	50	273	244	1.4	0.04	0.000*	---	4.38	3.941
27591	49993	68132	50	176.3	172.5	1.4	0.04	0.000*	---	3.19	0.749
27592	49994	68132	50	269.4	241.3	1.4	0.04	0.000*	---	4.33	3.762
27593	49995	68132	50	189.3	182.1	1.4	0.04	0.000*	---	3.35	0.999
27594	49996	68132	50	222.4	206.6	1.4	0.04	0.000*	---	3.76	1.876
27595	50479	68132	50	31.6	65.4	1.4	0.04	0.000*	---	1.29	0.001
27596	50484	68132	50	49.1	78.3	1.4	0.04	0.000*	---	1.53	0.003
27597	50485	68132	50	94.5	111.9	1.4	0.04	0.000*	---	2.13	0.051
27598	50490	68132	50	758.8	603.5	1.4	0.04	0.000*	---	9.6	46.532
27599	50493	68132	50	60.8	87	1.4	0.04	0.000*	---	1.68	0.008
27600	50494	68132	50	134	141.1	1.4	0.04	0.000*	---	2.65	0.234
27601	50536	68132	50	398.3	336.7	1.4	0.04	0.000*	---	5.84	12.6
27602	50549	68132	50	131.8	139.5	1.4	0.04	0.000*	---	2.62	0.218
27603	50550	68132	50	372.7	317.8	1.4	0.04	0.000*	---	5.55	10.488
27604	50591	68132	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
27605	50592	68132	50	135.9	142.6	1.4	0.04	0.000*	---	2.67	0.249
27606	50597	68132	50	288.1	255.2	1.4	0.04	0.000*	---	4.56	4.732
27607	51189	68132	50	102.4	117.8	1.4	0.04	0.000*	---	2.24	0.072
27608	51190	68132	50	154	155.9	1.4	0.04	0.000*	---	2.9	0.426
27609	51191	68132	50	196.6	187.5	1.4	0.04	0.000*	---	3.44	1.164
27610	51192	68132	50	202.7	192	1.4	0.04	0.000*	---	3.52	1.312
27611	51193	68132	50	153.9	155.9	1.4	0.04	0.000*	---	2.9	0.425
27612	51194	68132	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
27613	51195	68132	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.305
27614	51197	68132	50	210.6	197.8	1.4	0.04	0.000*	---	3.62	1.521
27615	51199	68132	50	223.8	207.6	1.4	0.04	0.000*	---	3.78	1.922
27616	51200	68132	50	133.7	140.9	1.4	0.04	0.000*	---	2.64	0.232
27617	51201	68132	50	121.4	131.8	1.4	0.04	0.000*	---	2.48	0.152
27618	51202	68132	50	340.5	293.9	1.4	0.04	0.000*	---	5.17	8.049
27619	51203	68132	50	203	192.2	1.4	0.04	0.000*	---	3.52	1.32
27620	51205	68132	50	216.7	202.4	1.4	0.04	0.000*	---	3.69	1.7
27621	51207	68132	50	197.1	187.9	1.4	0.04	0.000*	---	3.45	1.175
27622	51208	68132	50	291.3	257.6	1.4	0.04	0.000*	---	4.6	4.909
27623	51209	68132	50	152.2	154.6	1.4	0.04	0.000*	---	2.88	0.405
27624	51210	68132	50	203.6	192.6	1.4	0.04	0.000*	---	3.53	1.334
27625	51211	68132	50	117.6	129	1.4	0.04	0.000*	---	2.43	0.132
27626	51212	68132	50	149.4	152.5	1.4	0.04	0.000*	---	2.84	0.374
27627	51214	68132	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
27628	51215	68132	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
27629	51216	68132	50	129.4	137.8	1.4	0.04	0.000*	---	2.59	0.202
27630	51217	68132	50	161.1	161.2	1.4	0.04	0.000*	---	2.99	0.515
27631	51218	68132	50	178.9	174.4	1.4	0.04	0.000*	---	3.22	0.796
27632	51219	68132	50	100	116	1.4	0.04	0.000*	---	2.2	0.065

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27633	51220	68132	50	260.9	235.1	1.4	0.04	0.000*	---	4.23	3.364
27634	51221	68132	50	172.4	169.6	1.4	0.04	0.000*	---	3.14	0.684
27635	51222	68132	50	83.9	104.1	1.4	0.04	0.000*	---	1.99	0.03
27636	51223	68132	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.846
27637	51224	68132	50	123.8	133.6	1.4	0.04	0.000*	---	2.52	0.166
27638	51225	68132	50	293.6	259.3	1.4	0.04	0.000*	---	4.62	5.04
27639	51226	68132	50	113.2	125.8	1.4	0.04	0.000*	---	2.38	0.112
27640	51227	68132	50	211.3	198.3	1.4	0.04	0.000*	---	3.62	1.541
27641	51228	68132	50	90.9	109.3	1.4	0.04	0.000*	---	2.09	0.043
27642	51230	68132	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.136
27643	51231	68132	50	421.1	353.6	1.4	0.04	0.000*	---	6.09	14.596
27644	51232	68132	50	192.7	184.6	1.4	0.04	0.000*	---	3.39	1.074
27645	51233	68132	50	101.9	117.4	1.4	0.04	0.000*	---	2.23	0.071
27646	51234	68132	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
27647	51235	68132	50	184	178.2	1.4	0.04	0.000*	---	3.28	0.892
27648	51238	68132	50	171.7	169	1.4	0.04	0.000*	---	3.13	0.671
27649	51239	68132	50	160	160.4	1.4	0.04	0.000*	---	2.98	0.5
27650	51240	68132	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.626
27651	51241	68132	50	170.5	168.2	1.4	0.04	0.000*	---	3.11	0.653
27652	51242	68132	50	131.1	139	1.4	0.04	0.000*	---	2.61	0.213
27653	51243	68132	50	145.5	149.7	1.4	0.04	0.000*	---	2.8	0.334
27654	51245	68132	50	230.7	212.7	1.4	0.04	0.000*	---	3.86	2.154
27655	51246	68132	50	252.3	228.7	1.4	0.04	0.000*	---	4.13	2.989
27656	51247	68132	50	92.3	110.3	1.4	0.04	0.000*	---	2.1	0.046
27657	51248	68132	50	221.3	205.8	1.4	0.04	0.000*	---	3.75	1.841
27658	51249	68132	50	93.2	111	1.4	0.04	0.000*	---	2.12	0.047
27659	51250	68132	50	148.4	151.9	1.4	0.04	0.000*	---	2.83	0.364
27660	51251	68132	50	123.7	133.6	1.4	0.04	0.000*	---	2.51	0.166
27661	51252	68132	50	270.2	242	1.4	0.04	0.000*	---	4.34	3.804
27662	51253	68132	50	139.1	144.9	1.4	0.04	0.000*	---	2.71	0.275
27663	51254	68132	50	367.8	314.2	1.4	0.04	0.000*	---	5.49	10.102
27664	51255	68132	50	229.2	211.6	1.4	0.04	0.000*	---	3.85	2.102
27665	51256	68132	50	187.1	180.5	1.4	0.04	0.000*	---	3.32	0.954
27666	51259	68132	50	111.9	124.8	1.4	0.04	0.000*	---	2.36	0.107
27667	51260	68132	50	313.7	274.1	1.4	0.04	0.000*	---	4.86	6.243
27668	51261	68132	50	161.1	161.3	1.4	0.04	0.000*	---	3	0.516
27669	51262	68132	50	133.7	140.9	1.4	0.04	0.000*	---	2.64	0.232
27670	51263	68132	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
27671	51266	68132	50	139.8	145.5	1.4	0.04	0.000*	---	2.72	0.282
27672	51267	68132	50	313.7	274.1	1.4	0.04	0.000*	---	4.86	6.246
27673	51269	68132	50	316.8	276.4	1.4	0.04	0.000*	---	4.9	6.441
27674	51270	68132	50	129.9	138.1	1.4	0.04	0.000*	---	2.59	0.205
27675	51271	68132	50	176.8	172.8	1.4	0.04	0.000*	---	3.19	0.757
27676	51272	68132	50	160.6	160.8	1.4	0.04	0.000*	---	2.99	0.508
27677	51273	68132	50	196.4	187.4	1.4	0.04	0.000*	---	3.44	1.159
27678	51274	68132	50	112.3	125.1	1.4	0.04	0.000*	---	2.37	0.108
27679	51276	68132	50	199	189.3	1.4	0.04	0.000*	---	3.47	1.221
27680	51277	68132	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
27681	51278	68132	50	209.1	196.7	1.4	0.04	0.000*	---	3.6	1.48
27682	51279	68132	50	139.6	145.3	1.4	0.04	0.000*	---	2.72	0.28
27683	51280	68132	50	113.7	126.1	1.4	0.04	0.000*	---	2.38	0.114
27684	51281	68132	50	224.5	208.1	1.4	0.04	0.000*	---	3.79	1.943
27685	51283	68132	50	202.3	191.7	1.4	0.04	0.000*	---	3.51	1.301
27686	51284	68132	50	147	150.8	1.4	0.04	0.000*	---	2.81	0.35
27687	51285	68132	50	313.6	274.1	1.4	0.04	0.000*	---	4.86	6.241
27688	51286	68132	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.13
27689	51287	68132	50	109.7	123.2	1.4	0.04	0.000*	---	2.33	0.097
27690	51288	68132	50	116.6	128.3	1.4	0.04	0.000*	---	2.42	0.128
27691	51289	68132	50	103.3	118.5	1.4	0.04	0.000*	---	2.25	0.075
27692	51291	68132	50	168.6	166.8	1.4	0.04	0.000*	---	3.09	0.623
27693	51292	68132	50	180.9	175.9	1.4	0.04	0.000*	---	3.25	0.833

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27694	51293	68132	50	229.6	211.9	1.4	0.04	0.000*	---	3.85	2.113
27695	51294	68132	50	150.8	153.6	1.4	0.04	0.000*	---	2.86	0.39
27696	51295	68132	50	150.1	153	1.4	0.04	0.000*	---	2.85	0.382
27697	51296	68132	50	210.5	197.8	1.4	0.04	0.000*	---	3.62	1.521
27698	51298	68132	50	312.8	273.5	1.4	0.04	0.000*	---	4.85	6.188
27699	51299	68132	50	205.9	194.3	1.4	0.04	0.000*	---	3.56	1.393
27700	51300	68132	50	277.2	247.1	1.4	0.04	0.000*	---	4.43	4.152
27701	51302	68132	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.963
27702	51303	68132	50	328.8	285.3	1.4	0.04	0.000*	---	5.04	7.237
27703	51304	68132	50	365.3	312.3	1.4	0.04	0.000*	---	5.46	9.905
27704	51306	68132	50	315.8	275.7	1.4	0.04	0.000*	---	4.89	6.382
27705	51307	68132	50	311.3	272.4	1.4	0.04	0.000*	---	4.83	6.093
27706	51308	68132	50	217.7	203.1	1.4	0.04	0.000*	---	3.7	1.729
27707	51309	68132	50	313.2	273.8	1.4	0.04	0.000*	---	4.86	6.214
27708	51310	68132	50	214.9	201	1.4	0.04	0.000*	---	3.67	1.646
27709	51312	68132	50	231.9	213.6	1.4	0.04	0.000*	---	3.88	2.196
27710	51314	68132	50	120.8	131.4	1.4	0.04	0.000*	---	2.48	0.149
27711	51315	68132	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
27712	51319	68132	50	119	130	1.4	0.04	0.000*	---	2.45	0.139
27713	51320	68132	50	281.8	250.5	1.4	0.04	0.000*	---	4.48	4.39
27714	51321	68132	50	100.2	116.2	1.4	0.04	0.000*	---	2.21	0.065
27715	51323	68132	50	162.4	162.1	1.4	0.04	0.000*	---	3.01	0.532
27716	51327	68132	50	331.6	287.4	1.4	0.04	0.000*	---	5.07	7.428
27717	51329	68132	50	142.9	147.7	1.4	0.04	0.000*	---	2.76	0.31
27718	51330	68132	50	160.8	161	1.4	0.04	0.000*	---	2.99	0.511
27719	51331	68132	50	222.2	206.4	1.4	0.04	0.000*	---	3.76	1.871
27720	51332	68132	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
27721	51333	68132	50	108.2	122	1.4	0.04	0.000*	---	2.31	0.092
27722	51334	68132	50	366.2	313	1.4	0.04	0.000*	---	5.47	9.975
27723	51336	68132	50	245.2	223.5	1.4	0.04	0.000*	---	4.04	2.696
27724	51338	68132	50	196.8	187.7	1.4	0.04	0.000*	---	3.45	1.168
27725	51344	68132	50	332.3	287.9	1.4	0.04	0.000*	---	5.08	7.477
27726	51347	68132	50	325.1	282.6	1.4	0.04	0.000*	---	5	6.986
27727	51348	68132	50	205.8	194.3	1.4	0.04	0.000*	---	3.56	1.393
27728	51349	68132	50	164.4	163.6	1.4	0.04	0.000*	---	3.04	0.56
27729	51350	68132	50	191.8	183.9	1.4	0.04	0.000*	---	3.38	1.053
27730	51351	68132	50	245	223.3	1.4	0.04	0.000*	---	4.04	2.689
27731	51352	68132	50	503.8	414.8	1.4	0.04	0.000*	---	7	22.403
27732	51353	68132	50	385.9	327.6	1.4	0.04	0.000*	---	5.7	11.561
27733	51354	68132	50	204.6	193.4	1.4	0.04	0.000*	---	3.54	1.361
27734	51356	68132	50	1320.3	1019.1	1.4	0.04	0.000*	---	14.48	78.469
27735	51357	68132	50	491.1	405.4	1.4	0.04	0.000*	---	6.86	21.164
27736	51358	68132	50	330.2	286.4	1.4	0.04	0.000*	---	5.06	7.334
27737	51359	68132	50	202	191.5	1.4	0.04	0.000*	---	3.51	1.294
27738	51361	68132	50	262.1	236	1.4	0.04	0.000*	---	4.25	3.422
27739	51362	68132	50	269.1	241.2	1.4	0.04	0.000*	---	4.33	3.752
27740	51363	68132	50	384	326.2	1.4	0.04	0.000*	---	5.68	11.408
27741	51364	68132	50	168.8	166.9	1.4	0.04	0.000*	---	3.09	0.626
27742	51367	68132	50	186	179.6	1.4	0.04	0.000*	---	3.31	0.932
27743	51368	68132	50	176.7	172.8	1.4	0.04	0.000*	---	3.19	0.757
27744	51369	68132	50	127.3	136.2	1.4	0.04	0.000*	---	2.56	0.187
27745	51370	68132	50	191.3	183.6	1.4	0.04	0.000*	---	3.38	1.043
27746	51373	68132	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.438
27747	51374	68132	50	295.4	260.6	1.4	0.04	0.000*	---	4.65	5.143
27748	51379	68132	50	226.8	209.8	1.4	0.04	0.000*	---	3.82	2.02
27749	51380	68132	50	249.1	226.3	1.4	0.04	0.000*	---	4.09	2.853
27750	51381	68132	50	277.8	247.6	1.4	0.04	0.000*	---	4.44	4.184
27751	51383	68132	50	246.1	224.1	1.4	0.04	0.000*	---	4.05	2.731
27752	51384	68132	50	98.8	115.1	1.4	0.04	0.000*	---	2.19	0.061
27753	51386	68132	50	245.5	223.7	1.4	0.04	0.000*	---	4.05	2.707
27754	51387	68132	50	351.5	302.1	1.4	0.04	0.000*	---	5.3	8.856

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27755	51388	68132	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.039
27756	51389	68132	50	142	147.1	1.4	0.04	0.000*	---	2.75	0.301
27757	51391	68132	50	227.6	210.4	1.4	0.04	0.000*	---	3.83	2.047
27758	51392	68132	50	258.4	233.3	1.4	0.04	0.000*	---	4.2	3.254
27759	51393	68132	50	195	186.3	1.4	0.04	0.000*	---	3.42	1.127
27760	51394	68132	50	228.4	211	1.4	0.04	0.000*	---	3.84	2.075
27761	51395	68132	50	178.6	174.1	1.4	0.04	0.000*	---	3.22	0.789
27762	51396	68132	50	106.2	120.6	1.4	0.04	0.000*	---	2.29	0.084
27763	51397	68132	50	149.9	152.9	1.4	0.04	0.000*	---	2.85	0.38
27764	51398	68132	50	376.8	320.9	1.4	0.04	0.000*	---	5.59	10.821
27765	51399	68132	50	399	337.3	1.4	0.04	0.000*	---	5.85	12.663
27766	51400	68132	50	396.5	335.4	1.4	0.04	0.000*	---	5.82	12.451
27767	51401	68132	50	442.4	369.4	1.4	0.04	0.000*	---	6.33	16.533
27768	51404	68132	50	772.9	614	1.4	0.04	0.000*	---	9.73	47.721
27769	51405	68132	50	428.7	359.3	1.4	0.04	0.000*	---	6.18	15.283
27770	51407	68132	50	138.9	144.8	1.4	0.04	0.000*	---	2.71	0.274
27771	51408	68132	50	166.2	165	1.4	0.04	0.000*	---	3.06	0.587
27772	51409	68132	50	201.9	191.4	1.4	0.04	0.000*	---	3.51	1.293
27773	51410	68132	50	261.8	235.7	1.4	0.04	0.000*	---	4.24	3.404
27774	51412	68132	50	407.1	343.3	1.4	0.04	0.000*	---	5.94	13.366
27775	51413	68132	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.68
27776	51414	68132	50	438.1	366.2	1.4	0.04	0.000*	---	6.28	16.138
27777	51415	68132	50	303.7	266.7	1.4	0.04	0.000*	---	4.74	5.628
27778	51416	68132	50	257.2	232.3	1.4	0.04	0.000*	---	4.19	3.198
27779	51422	68132	50	524.7	430.3	1.4	0.04	0.000*	---	7.22	24.459
27780	51426	68132	50	230.1	212.3	1.4	0.04	0.000*	---	3.86	2.131
27781	51427	68132	50	437.1	365.5	1.4	0.04	0.000*	---	6.27	16.051
27782	51433	68132	50	365.5	312.5	1.4	0.04	0.000*	---	5.46	9.924
27783	51434	68132	50	393.6	333.3	1.4	0.04	0.000*	---	5.78	12.209
27784	51437	68132	50	427.4	358.3	1.4	0.04	0.000*	---	6.16	15.167
27785	51440	68132	50	592.4	480.4	1.4	0.04	0.000*	---	7.94	31.146
27786	51444	68132	50	564	459.4	1.4	0.04	0.000*	---	7.64	28.344
27787	51445	68132	50	583.3	473.6	1.4	0.04	0.000*	---	7.84	30.248
27788	51454	68132	50	400.5	338.4	1.4	0.04	0.000*	---	5.86	12.792
27789	51455	68132	50	438.1	366.2	1.4	0.04	0.000*	---	6.28	16.138
27790	51456	68132	50	572.5	465.6	1.4	0.04	0.000*	---	7.73	29.185
27791	51457	68132	50	526	431.2	1.4	0.04	0.000*	---	7.24	24.588
27792	51458	68132	50	225.6	208.9	1.4	0.04	0.000*	---	3.8	1.98
27793	51459	68132	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.67
27794	51460	68132	50	351.4	302.1	1.4	0.04	0.000*	---	5.3	8.85
27795	51464	68132	50	222.6	206.7	1.4	0.04	0.000*	---	3.76	1.883
27796	51466	68132	50	458.9	381.6	1.4	0.04	0.000*	---	6.51	18.079
27797	51467	68132	50	477.1	395	1.4	0.04	0.000*	---	6.71	19.813
27798	51468	68132	50	300.3	264.2	1.4	0.04	0.000*	---	4.7	5.424
27799	51469	68132	50	449.7	374.8	1.4	0.04	0.000*	---	6.41	17.215
27800	51470	68132	50	245.3	223.5	1.4	0.04	0.000*	---	4.04	2.698
27801	51471	68132	50	286.8	254.3	1.4	0.04	0.000*	---	4.54	4.661
27802	51473	68132	50	174.2	170.9	1.4	0.04	0.000*	---	3.16	0.713
27803	51474	68132	50	379.6	322.9	1.4	0.04	0.000*	---	5.63	11.046
27804	51475	68132	50	495.6	408.8	1.4	0.04	0.000*	---	6.91	21.609
27805	51476	68132	50	490.4	404.9	1.4	0.04	0.000*	---	6.86	21.099
27806	51479	68132	50	242.3	221.3	1.4	0.04	0.000*	---	4.01	2.582
27807	51480	68132	50	87.7	106.9	1.4	0.04	0.000*	---	2.04	0.036
27808	51481	68132	50	328.4	285	1.4	0.04	0.000*	---	5.03	7.208
27809	51482	68132	50	236.1	216.8	1.4	0.04	0.000*	---	3.93	2.348
27810	51483	68132	50	197.8	188.4	1.4	0.04	0.000*	---	3.46	1.191
27811	51485	68132	50	132.4	140	1.4	0.04	0.000*	---	2.63	0.223
27812	51486	68132	50	593.8	481.5	1.4	0.04	0.000*	---	7.95	31.285
27813	51488	68132	50	387	328.3	1.4	0.04	0.000*	---	5.71	11.649
27814	51489	68132	50	260.6	234.8	1.4	0.04	0.000*	---	4.23	3.35
27815	51490	68132	50	407	343.2	1.4	0.04	0.000*	---	5.94	13.351

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27816	51491	68132	50	181.4	176.2	1.4	0.04	0.000*	---	3.25	0.841
27817	51492	68132	50	200	190	1.4	0.04	0.000*	---	3.48	1.245
27818	51493	68132	50	176.3	172.4	1.4	0.04	0.000*	---	3.19	0.748
27819	51494	68132	50	445.7	371.8	1.4	0.04	0.000*	---	6.37	16.837
27820	51495	68132	50	270.5	242.1	1.4	0.04	0.000*	---	4.35	3.815
27821	51496	68132	50	169.9	167.7	1.4	0.04	0.000*	---	3.11	0.643
27822	51497	68132	50	190.5	183	1.4	0.04	0.000*	---	3.37	1.026
27823	51499	68132	50	213.6	200.1	1.4	0.04	0.000*	---	3.65	1.608
27824	51504	68132	50	487.4	402.7	1.4	0.04	0.000*	---	6.82	20.811
27825	51505	68132	50	417	350.6	1.4	0.04	0.000*	---	6.05	14.235
27826	51506	68132	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.678
27827	51507	68132	50	295.4	260.6	1.4	0.04	0.000*	---	4.65	5.141
27828	51508	68132	50	431.2	361.1	1.4	0.04	0.000*	---	6.21	15.51
27829	51510	68132	50	130.9	138.9	1.4	0.04	0.000*	---	2.61	0.212
27830	51511	68132	50	513.8	422.2	1.4	0.04	0.000*	---	7.11	23.385
27831	51512	68132	50	200.1	190.1	1.4	0.04	0.000*	---	3.49	1.246
27832	51515	68132	50	430	360.2	1.4	0.04	0.000*	---	6.19	15.398
27833	51516	68132	50	816.3	646	1.4	0.04	0.000*	---	10.15	51.242
27834	51517	68132	50	314.4	274.6	1.4	0.04	0.000*	---	4.87	6.288
27835	51519	68132	50	215.6	201.6	1.4	0.04	0.000*	---	3.68	1.668
27836	51520	68132	50	275.7	246	1.4	0.04	0.000*	---	4.41	4.075
27837	51522	68132	50	234.4	215.5	1.4	0.04	0.000*	---	3.91	2.286
27838	51524	68132	50	612	494.8	1.4	0.04	0.000*	---	8.14	33.053
27839	51525	68132	50	647.7	521.3	1.4	0.04	0.000*	---	8.5	36.492
27840	51526	68132	50	487.4	402.7	1.4	0.04	0.000*	---	6.82	20.808
27841	51528	68132	50	96.3	113.2	1.4	0.04	0.000*	---	2.16	0.055
27842	51529	68132	50	1785.9	1363.6	1.4	0.04	0.000*	---	17.9	89.219
27843	51530	68132	50	294.8	260.1	1.4	0.04	0.000*	---	4.64	5.104
27844	51532	68132	50	443.6	370.3	1.4	0.04	0.000*	---	6.34	16.651
27845	51533	68132	50	281.1	250.1	1.4	0.04	0.000*	---	4.48	4.357
27846	51538	68132	50	909.6	715.1	1.4	0.04	0.000*	---	11.01	58.127
27847	51540	68132	50	137.8	144	1.4	0.04	0.000*	---	2.7	0.265
27848	51541	68132	50	266.5	239.2	1.4	0.04	0.000*	---	4.3	3.625
27849	51542	68132	50	475.3	393.7	1.4	0.04	0.000*	---	6.69	19.642
27850	51543	68132	50	347.9	299.4	1.4	0.04	0.000*	---	5.26	8.584
27851	51544	68132	50	971.8	761.2	1.4	0.04	0.000*	---	11.57	62.192
27852	51545	68132	50	532.9	436.4	1.4	0.04	0.000*	---	7.31	25.274
27853	51546	68132	50	638.9	514.8	1.4	0.04	0.000*	---	8.41	35.658
27854	51547	68132	50	2138.6	1624.5	1.4	0.04	0.000*	---	20.2	93.265
27855	51550	68132	50	242.8	221.7	1.4	0.04	0.000*	---	4.01	2.602
27856	51551	68132	50	179.9	175.1	1.4	0.04	0.000*	---	3.23	0.813
27857	51552	68132	50	350.7	301.5	1.4	0.04	0.000*	---	5.29	8.798
27858	51553	68132	50	334.3	289.4	1.4	0.04	0.000*	---	5.1	7.612
27859	51556	68132	50	359.5	308	1.4	0.04	0.000*	---	5.39	9.457
27860	51557	68132	50	98.9	115.2	1.4	0.04	0.000*	---	2.19	0.062
27861	51558	68132	50	308.1	270	1.4	0.04	0.000*	---	4.8	5.898
27862	51559	68132	50	206.9	195.1	1.4	0.04	0.000*	---	3.57	1.421
27863	51561	68132	50	100.1	116.1	1.4	0.04	0.000*	---	2.21	0.065
27864	51564	68132	50	156.5	157.8	1.4	0.04	0.000*	---	2.94	0.456
27865	51565	68132	50	101	116.8	1.4	0.04	0.000*	---	2.22	0.068
27866	51566	68132	50	737.1	587.5	1.4	0.04	0.000*	---	9.39	44.663
27867	51567	68132	50	375.3	319.7	1.4	0.04	0.000*	---	5.58	10.7
27868	51569	68132	50	486.5	402	1.4	0.04	0.000*	---	6.81	20.719
27869	51571	68132	50	452.8	377.1	1.4	0.04	0.000*	---	6.45	17.507
27870	51574	68132	50	299.6	263.7	1.4	0.04	0.000*	---	4.69	5.383
27871	51577	68132	50	363.1	310.7	1.4	0.04	0.000*	---	5.44	9.739
27872	51578	68132	50	243.5	222.2	1.4	0.04	0.000*	---	4.02	2.627
27873	51580	68132	50	428.6	359.1	1.4	0.04	0.000*	---	6.18	15.269
27874	51582	68132	50	1183.8	918	1.4	0.04	0.000*	---	13.38	73.243
27875	51583	68132	50	768.2	610.5	1.4	0.04	0.000*	---	9.69	47.325
27876	51584	68132	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.031

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27877	51585	68132	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
27878	51586	68132	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
27879	51587	68132	50	311.4	272.4	1.4	0.04	0.000*	---	4.83	6.1
27880	51588	68132	50	720.1	574.9	1.4	0.04	0.000*	---	9.22	43.164
27881	51589	68132	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.374
27882	51590	68132	50	339	292.9	1.4	0.04	0.000*	---	5.16	7.946
27883	51591	68132	50	134.8	141.7	1.4	0.04	0.000*	---	2.66	0.24
27884	51592	68132	50	289.1	255.9	1.4	0.04	0.000*	---	4.57	4.784
27885	51594	68132	50	252.1	228.6	1.4	0.04	0.000*	---	4.13	2.98
27886	51595	68132	50	449.5	374.6	1.4	0.04	0.000*	---	6.41	17.195
27887	51596	68132	50	375.2	319.6	1.4	0.04	0.000*	---	5.57	10.689
27888	51597	68132	50	250.4	227.3	1.4	0.04	0.000*	---	4.1	2.906
27889	51598	68132	50	229.3	211.7	1.4	0.04	0.000*	---	3.85	2.104
27890	51600	68132	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.429
27891	51601	68132	50	281.4	250.2	1.4	0.04	0.000*	---	4.48	4.368
27892	51602	68132	50	430.5	360.6	1.4	0.04	0.000*	---	6.2	15.448
27893	51607	68132	50	169.4	167.4	1.4	0.04	0.000*	---	3.1	0.636
27894	51608	68132	50	262.1	235.9	1.4	0.04	0.000*	---	4.25	3.419
27895	51609	68132	50	306.2	268.6	1.4	0.04	0.000*	---	4.77	5.779
27896	51613	68132	50	120.1	130.8	1.4	0.04	0.000*	---	2.47	0.145
27897	51615	68132	50	259.2	233.8	1.4	0.04	0.000*	---	4.21	3.287
27898	51617	68132	50	240.1	219.7	1.4	0.04	0.000*	---	3.98	2.496
27899	51618	68132	50	164.9	164	1.4	0.04	0.000*	---	3.04	0.567
27900	51619	68132	50	611	494.2	1.4	0.04	0.000*	---	8.13	32.964
27901	51620	68132	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.234
27902	51621	68132	50	366.6	313.3	1.4	0.04	0.000*	---	5.48	10.007
27903	51623	68132	50	710	567.4	1.4	0.04	0.000*	---	9.12	42.26
27904	51624	68132	50	397.1	335.9	1.4	0.04	0.000*	---	5.82	12.506
27905	51625	68132	50	250	227	1.4	0.04	0.000*	---	4.1	2.889
27906	51626	68132	50	472.5	391.6	1.4	0.04	0.000*	---	6.66	19.372
27907	51627	68132	50	158.5	159.3	1.4	0.04	0.000*	---	2.96	0.481
27908	51628	68132	50	198.8	189.1	1.4	0.04	0.000*	---	3.47	1.214
27909	51629	68132	50	139	144.8	1.4	0.04	0.000*	---	2.71	0.274
27910	51630	68132	50	138	144.1	1.4	0.04	0.000*	---	2.7	0.266
27911	51631	68132	50	127.2	136.1	1.4	0.04	0.000*	---	2.56	0.187
27912	51633	68132	50	453.3	377.5	1.4	0.04	0.000*	---	6.45	17.551
27913	51634	68132	50	276.6	246.7	1.4	0.04	0.000*	---	4.42	4.122
27914	51637	68132	50	534.9	437.8	1.4	0.04	0.000*	---	7.33	25.469
27915	51638	68132	50	559.8	456.3	1.4	0.04	0.000*	---	7.6	27.931
27916	51639	68132	50	221	205.5	1.4	0.04	0.000*	---	3.74	1.832
27917	51640	68132	50	302.9	266.1	1.4	0.04	0.000*	---	4.73	5.581
27918	51641	68132	50	332.6	288.2	1.4	0.04	0.000*	---	5.08	7.5
27919	51642	68132	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.463
27920	51645	68132	50	317.2	276.7	1.4	0.04	0.000*	---	4.9	6.467
27921	51646	68132	50	363.4	310.9	1.4	0.04	0.000*	---	5.44	9.759
27922	51648	68132	50	135.8	142.5	1.4	0.04	0.000*	---	2.67	0.249
27923	51650	68132	50	392	332.1	1.4	0.04	0.000*	---	5.77	12.074
27924	51652	68132	50	380.8	323.8	1.4	0.04	0.000*	---	5.64	11.141
27925	51653	68132	50	160	160.4	1.4	0.04	0.000*	---	2.98	0.5
27926	51654	68132	50	181.9	176.6	1.4	0.04	0.000*	---	3.26	0.851
27927	51655	68132	50	229.7	212	1.4	0.04	0.000*	---	3.85	2.12
27928	51656	68132	50	202.9	192.1	1.4	0.04	0.000*	---	3.52	1.316
27929	51657	68132	50	386.1	327.7	1.4	0.04	0.000*	---	5.7	11.577
27930	51658	68132	50	204	193	1.4	0.04	0.000*	---	3.53	1.346
27931	51659	68132	50	188.9	181.8	1.4	0.04	0.000*	---	3.35	0.992
27932	51660	68132	50	340.2	293.7	1.4	0.04	0.000*	---	5.17	8.029
27933	51661	68132	50	176.2	172.4	1.4	0.04	0.000*	---	3.19	0.747
27934	51662	68132	50	236	216.7	1.4	0.04	0.000*	---	3.93	2.344
27935	51663	68132	50	197.4	188.1	1.4	0.04	0.000*	---	3.45	1.182
27936	51664	68132	50	83.8	104.1	1.4	0.04	0.000*	---	1.99	0.03
27937	51667	68132	50	121.8	132.2	1.4	0.04	0.000*	---	2.49	0.155

LEAD BATCH MODE OUTPUT FILE
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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27938	51668	68132	50	205.1	193.8	1.4	0.04	0.000*	---	3.55	1.373
27939	51669	68132	50	442.6	369.5	1.4	0.04	0.000*	---	6.33	16.553
27940	51671	68132	50	389.6	330.3	1.4	0.04	0.000*	---	5.74	11.873
27941	51672	68132	50	179.8	175	1.4	0.04	0.000*	---	3.23	0.811
27942	51673	68132	50	209.6	197.1	1.4	0.04	0.000*	---	3.6	1.494
27943	51676	68132	50	509.5	419	1.4	0.04	0.000*	---	7.06	22.96
27944	51678	68132	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
27945	51679	68132	50	149.7	152.8	1.4	0.04	0.000*	---	2.85	0.378
27946	51680	68132	50	504.6	415.4	1.4	0.04	0.000*	---	7.01	22.486
27947	51681	68132	50	357.2	306.3	1.4	0.04	0.000*	---	5.37	9.282
27948	51682	68132	50	351	301.7	1.4	0.04	0.000*	---	5.3	8.817
27949	51683	68132	50	222	206.3	1.4	0.04	0.000*	---	3.76	1.863
27950	51684	68132	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.183
27951	51685	68132	50	889.1	700	1.4	0.04	0.000*	---	10.83	56.697
27952	51687	68132	50	344.9	297.2	1.4	0.04	0.000*	---	5.23	8.369
27953	51688	68132	50	717.4	572.9	1.4	0.04	0.000*	---	9.2	42.925
27954	51689	68132	50	377.3	321.2	1.4	0.04	0.000*	---	5.6	10.858
27955	51690	68132	50	301.3	265	1.4	0.04	0.000*	---	4.71	5.484
27956	51691	68132	50	79.9	101.2	1.4	0.04	0.000*	---	1.94	0.024
27957	51692	68132	50	666.1	534.9	1.4	0.04	0.000*	---	8.69	38.228
27958	51693	68132	50	627.5	506.3	1.4	0.04	0.000*	---	8.3	34.556
27959	51694	68132	50	486.3	401.9	1.4	0.04	0.000*	---	6.81	20.701
27960	51696	68132	50	432	361.7	1.4	0.04	0.000*	---	6.22	15.578
27961	51699	68132	50	157.9	158.8	1.4	0.04	0.000*	---	2.95	0.473
27962	51700	68132	50	271.4	242.9	1.4	0.04	0.000*	---	4.36	3.864
27963	51701	68132	50	209.3	196.9	1.4	0.04	0.000*	---	3.6	1.487
27964	51703	68132	50	369.4	315.4	1.4	0.04	0.000*	---	5.51	10.228
27965	51704	68132	50	334.8	289.7	1.4	0.04	0.000*	---	5.11	7.646
27966	51705	68132	50	416.7	350.4	1.4	0.04	0.000*	---	6.04	14.206
27967	51706	68132	50	528	432.7	1.4	0.04	0.000*	---	7.26	24.789
27968	51708	68132	50	133.3	140.6	1.4	0.04	0.000*	---	2.64	0.229
27969	51709	68132	50	374.5	319.1	1.4	0.04	0.000*	---	5.57	10.634
27970	51710	68132	50	547.3	447	1.4	0.04	0.000*	---	7.46	26.692
27971	51711	68132	50	210.3	197.7	1.4	0.04	0.000*	---	3.61	1.516
27972	51712	68132	50	285.2	253	1.4	0.04	0.000*	---	4.52	4.572
27973	51715	68132	50	375.1	319.5	1.4	0.04	0.000*	---	5.57	10.679
27974	51716	68132	50	555.3	452.9	1.4	0.04	0.000*	---	7.55	27.488
27975	51717	68132	50	509.1	418.7	1.4	0.04	0.000*	---	7.06	22.921
27976	51720	68132	50	117.9	129.3	1.4	0.04	0.000*	---	2.44	0.134
27977	51721	68132	50	591	479.4	1.4	0.04	0.000*	---	7.92	31.011
27978	51722	68132	50	516.5	424.2	1.4	0.04	0.000*	---	7.14	23.656
27979	51724	68132	50	661.7	531.7	1.4	0.04	0.000*	---	8.64	37.817
27980	51725	68132	50	646	520.1	1.4	0.04	0.000*	---	8.48	36.333
27981	51727	68132	50	417.1	350.7	1.4	0.04	0.000*	---	6.05	14.241
27982	51728	68132	50	228.8	211.3	1.4	0.04	0.000*	---	3.84	2.088
27983	51730	68132	50	304.5	267.3	1.4	0.04	0.000*	---	4.75	5.676
27984	51731	68132	50	179.9	175.1	1.4	0.04	0.000*	---	3.23	0.813
27985	51733	68132	50	496.9	409.7	1.4	0.04	0.000*	---	6.93	21.731
27986	51734	68132	50	296.2	261.2	1.4	0.04	0.000*	---	4.66	5.189
27987	51735	68132	50	395.6	334.7	1.4	0.04	0.000*	---	5.81	12.371
27988	51736	68132	50	427.7	358.5	1.4	0.04	0.000*	---	6.17	15.188
27989	51737	68132	50	355.9	305.4	1.4	0.04	0.000*	---	5.35	9.183
27990	51738	68132	50	949.7	744.8	1.4	0.04	0.000*	---	11.37	60.792
27991	51747	68132	50	272.9	243.9	1.4	0.04	0.000*	---	4.38	3.936
27992	51748	68132	50	302.6	265.9	1.4	0.04	0.000*	---	4.73	5.56
27993	51749	68132	50	254.5	230.4	1.4	0.04	0.000*	---	4.15	3.083
27994	51750	68132	50	164.3	163.6	1.4	0.04	0.000*	---	3.04	0.56
27995	51751	68132	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.205
27996	51752	68132	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
27997	51753	68132	50	232.5	214.1	1.4	0.04	0.000*	---	3.89	2.216
27998	51754	68132	50	201.6	191.2	1.4	0.04	0.000*	---	3.5	1.284

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
27999	51756	68132	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
28000	51757	68132	50	293.3	259.1	1.4	0.04	0.000*	---	4.62	5.022
28001	51758	68132	50	276.8	246.9	1.4	0.04	0.000*	---	4.42	4.133
28002	51759	68132	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.166
28003	51764	68132	50	304	266.9	1.4	0.04	0.000*	---	4.75	5.645
28004	51765	68132	50	340.5	294	1.4	0.04	0.000*	---	5.18	8.053
28005	51766	68132	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
28006	51767	68132	50	92.4	110.4	1.4	0.04	0.000*	---	2.11	0.046
28007	51768	68132	50	215	201.1	1.4	0.04	0.000*	---	3.67	1.65
28008	51769	68132	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
28009	51772	68132	50	273.5	244.4	1.4	0.04	0.000*	---	4.38	3.965
28010	51774	68132	50	328.7	285.3	1.4	0.04	0.000*	---	5.04	7.231
28011	51775	68132	50	274.1	244.8	1.4	0.04	0.000*	---	4.39	3.994
28012	51777	68132	50	796.4	631.3	1.4	0.04	0.000*	---	9.96	49.653
28013	51778	68132	50	197.6	188.2	1.4	0.04	0.000*	---	3.45	1.186
28014	51779	68132	50	169.6	167.5	1.4	0.04	0.000*	---	3.1	0.638
28015	51780	68132	50	327.1	284.1	1.4	0.04	0.000*	---	5.02	7.124
28016	51781	68132	50	211.1	198.2	1.4	0.04	0.000*	---	3.62	1.537
28017	51782	68132	50	303.2	266.4	1.4	0.04	0.000*	---	4.74	5.6
28018	51783	68132	50	248.1	225.6	1.4	0.04	0.000*	---	4.08	2.814
28019	51784	68132	50	229.7	212	1.4	0.04	0.000*	---	3.85	2.12
28020	51785	68132	50	352.3	302.7	1.4	0.04	0.000*	---	5.31	8.912
28021	51786	68132	50	387.9	329	1.4	0.04	0.000*	---	5.72	11.726
28022	51787	68132	50	108.9	122.6	1.4	0.04	0.000*	---	2.32	0.094
28023	51788	68132	50	176.1	172.3	1.4	0.04	0.000*	---	3.18	0.745
28024	51789	68132	50	265.8	238.7	1.4	0.04	0.000*	---	4.29	3.591
28025	51790	68132	50	261.8	235.8	1.4	0.04	0.000*	---	4.24	3.407
28026	51791	68132	50	328.5	285.1	1.4	0.04	0.000*	---	5.04	7.219
28027	51792	68132	50	323.4	281.3	1.4	0.04	0.000*	---	4.98	6.875
28028	51793	68132	50	389.5	330.2	1.4	0.04	0.000*	---	5.74	11.859
28029	51795	68132	50	311.1	272.2	1.4	0.04	0.000*	---	4.83	6.081
28030	51796	68132	50	423.1	355.1	1.4	0.04	0.000*	---	6.12	14.78
28031	51797	68132	50	327.5	284.4	1.4	0.04	0.000*	---	5.02	7.151
28032	51798	68132	50	976.7	764.7	1.4	0.04	0.000*	---	11.61	62.492
28033	51800	68132	50	380.4	323.5	1.4	0.04	0.000*	---	5.63	11.108
28034	51801	68132	50	275.4	245.8	1.4	0.04	0.000*	---	4.41	4.062
28035	51802	68132	50	176.3	172.4	1.4	0.04	0.000*	---	3.19	0.749
28036	51803	68132	50	273.2	244.2	1.4	0.04	0.000*	---	4.38	3.953
28037	51805	68132	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
28038	51806	68132	50	141	146.3	1.4	0.04	0.000*	---	2.74	0.292
28039	51807	68132	50	1451	1115.8	1.4	0.04	0.000*	---	15.49	82.411
28040	51808	68132	50	446.5	372.4	1.4	0.04	0.000*	---	6.38	16.914
28041	51809	68132	50	1584.4	1214.5	1.4	0.04	0.000*	---	16.48	85.599
28042	51813	68132	50	260	234.4	1.4	0.04	0.000*	---	4.22	3.325
28043	51814	68132	50	320	278.8	1.4	0.04	0.000*	---	4.94	6.651
28044	51816	68132	50	277.8	247.6	1.4	0.04	0.000*	---	4.43	4.182
28045	51817	68132	50	455.5	379.1	1.4	0.04	0.000*	---	6.48	17.756
28046	51818	68132	50	148	151.5	1.4	0.04	0.000*	---	2.83	0.36
28047	51819	68132	50	309.3	270.9	1.4	0.04	0.000*	---	4.81	5.97
28048	51820	68132	50	586.8	476.3	1.4	0.04	0.000*	---	7.88	30.596
28049	51821	68132	50	238.6	218.6	1.4	0.04	0.000*	---	3.96	2.439
28050	51822	68132	50	154.9	156.6	1.4	0.04	0.000*	---	2.92	0.437
28051	51825	68132	50	199.1	189.3	1.4	0.04	0.000*	---	3.47	1.221
28052	51826	68132	50	230.9	212.8	1.4	0.04	0.000*	---	3.87	2.158
28053	51827	68132	50	244.2	222.7	1.4	0.04	0.000*	---	4.03	2.655
28054	51828	68132	50	261.9	235.8	1.4	0.04	0.000*	---	4.24	3.409
28055	51829	68132	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.521
28056	51831	68132	50	490.6	405.1	1.4	0.04	0.000*	---	6.86	21.121
28057	51832	68132	50	133.6	140.8	1.4	0.04	0.000*	---	2.64	0.231
28058	51834	68132	50	187	180.4	1.4	0.04	0.000*	---	3.32	0.952
28059	51835	68132	50	133	140.4	1.4	0.04	0.000*	---	2.63	0.227

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28060	51837	68132	50	257.5	232.5	1.4	0.04	0.000*	---	4.19	3.211
28061	51838	68132	50	219.2	204.2	1.4	0.04	0.000*	---	3.72	1.775
28062	51839	68132	50	220.6	205.2	1.4	0.04	0.000*	---	3.74	1.818
28063	51840	68132	50	155	156.7	1.4	0.04	0.000*	---	2.92	0.438
28064	51842	68132	50	102.2	117.7	1.4	0.04	0.000*	---	2.23	0.071
28065	51843	68132	50	199.9	189.9	1.4	0.04	0.000*	---	3.48	1.242
28066	51844	68132	50	226.3	209.4	1.4	0.04	0.000*	---	3.81	2.002
28067	51845	68132	50	169.1	167.2	1.4	0.04	0.000*	---	3.1	0.631
28068	51846	68132	50	2797.4	2112.1	1.4	0.04	0.000*	---	24.02	96.885
28069	51847	68132	50	1903.8	1450.8	1.4	0.04	0.000*	---	18.69	90.833
28070	51848	68132	50	147.3	151	1.4	0.04	0.000*	---	2.82	0.352
28071	51849	68132	50	220.5	205.1	1.4	0.04	0.000*	---	3.74	1.815
28072	51850	68132	50	404	341	1.4	0.04	0.000*	---	5.9	13.094
28073	51851	68132	50	338.1	292.2	1.4	0.04	0.000*	---	5.15	7.883
28074	51853	68132	50	189.7	182.4	1.4	0.04	0.000*	---	3.36	1.008
28075	51854	68132	50	211.3	198.4	1.4	0.04	0.000*	---	3.63	1.543
28076	51855	68132	50	234.9	215.8	1.4	0.04	0.000*	---	3.92	2.303
28077	51856	68132	50	53.5	81.6	1.4	0.04	0.000*	---	1.59	0.004
28078	51857	68132	50	525.2	430.6	1.4	0.04	0.000*	---	7.23	24.505
28079	51858	68132	50	123.9	133.7	1.4	0.04	0.000*	---	2.52	0.167
28080	51859	68132	50	137.2	143.6	1.4	0.04	0.000*	---	2.69	0.26
28081	51860	68132	50	98.2	114.6	1.4	0.04	0.000*	---	2.18	0.06
28082	51861	68132	50	226.6	209.7	1.4	0.04	0.000*	---	3.81	2.013
28083	51863	68132	50	107.2	121.3	1.4	0.04	0.000*	---	2.3	0.088
28084	51864	68132	50	199.6	189.7	1.4	0.04	0.000*	---	3.48	1.236
28085	51865	68132	50	240.1	219.7	1.4	0.04	0.000*	---	3.98	2.495
28086	51866	68132	50	279.8	249.1	1.4	0.04	0.000*	---	4.46	4.287
28087	51867	68132	50	251.1	227.8	1.4	0.04	0.000*	---	4.11	2.938
28088	51868	68132	50	348.7	300	1.4	0.04	0.000*	---	5.27	8.646
28089	51870	68132	50	266.7	239.4	1.4	0.04	0.000*	---	4.3	3.634
28090	51871	68132	50	296	261	1.4	0.04	0.000*	---	4.65	5.176
28091	51872	68132	50	286.7	254.1	1.4	0.04	0.000*	---	4.54	4.653
28092	51873	68132	50	151.9	154.4	1.4	0.04	0.000*	---	2.88	0.402
28093	51874	68132	50	314.1	274.4	1.4	0.04	0.000*	---	4.87	6.268
28094	51875	68132	50	143.9	148.4	1.4	0.04	0.000*	---	2.77	0.319
28095	51876	68132	50	603.1	488.3	1.4	0.04	0.000*	---	8.05	32.191
28096	51877	68132	50	255	230.7	1.4	0.04	0.000*	---	4.16	3.104
28097	51878	68132	50	450.9	375.7	1.4	0.04	0.000*	---	6.42	17.325
28098	51879	68132	50	104.1	119.1	1.4	0.04	0.000*	---	2.26	0.077
28099	51881	68132	50	391.7	331.9	1.4	0.04	0.000*	---	5.76	12.047
28100	51884	68132	50	575.9	468.1	1.4	0.04	0.000*	---	7.76	29.517
28101	51885	68132	50	294.1	259.7	1.4	0.04	0.000*	---	4.63	5.069
28102	51886	68132	50	299.7	263.8	1.4	0.04	0.000*	---	4.7	5.389
28103	51889	68132	50	287.5	254.8	1.4	0.04	0.000*	---	4.55	4.7
28104	51890	68132	50	476.1	394.3	1.4	0.04	0.000*	---	6.7	19.718
28105	51891	68132	50	229.1	211.5	1.4	0.04	0.000*	---	3.84	2.098
28106	51892	68132	50	487.1	402.4	1.4	0.04	0.000*	---	6.82	20.777
28107	51894	68132	50	732.1	583.7	1.4	0.04	0.000*	---	9.34	44.224
28108	51895	68132	50	258.2	233.1	1.4	0.04	0.000*	---	4.2	3.243
28109	51896	68132	50	880.3	693.4	1.4	0.04	0.000*	---	10.74	56.067
28110	51897	68132	50	344.5	297	1.4	0.04	0.000*	---	5.22	8.344
28111	51898	68132	50	591.5	479.7	1.4	0.04	0.000*	---	7.93	31.059
28112	51901	68132	50	446	372	1.4	0.04	0.000*	---	6.37	16.87
28113	51902	68132	50	301.5	265.1	1.4	0.04	0.000*	---	4.72	5.495
28114	51904	68132	50	104.4	119.3	1.4	0.04	0.000*	---	2.26	0.078
28115	51905	68132	50	519.7	426.6	1.4	0.04	0.000*	---	7.17	23.97
28116	51906	68132	50	885.2	697	1.4	0.04	0.000*	---	10.79	56.418
28117	51907	68132	50	115.9	127.7	1.4	0.04	0.000*	---	2.41	0.124
28118	51908	68132	50	290.2	256.7	1.4	0.04	0.000*	---	4.58	4.846
28119	51910	68132	50	212.6	199.3	1.4	0.04	0.000*	---	3.64	1.58
28120	51911	68132	50	356.7	306	1.4	0.04	0.000*	---	5.36	9.245

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Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28121	51913	68132	50	483.8	400	1.4	0.04	0.000*	---	6.78	20.456
28122	51914	68132	50	435.5	364.3	1.4	0.04	0.000*	---	6.25	15.901
28123	51916	68132	50	516	423.9	1.4	0.04	0.000*	---	7.13	23.604
28124	51917	68132	50	463.9	385.3	1.4	0.04	0.000*	---	6.57	18.548
28125	51918	68132	50	263.5	237	1.4	0.04	0.000*	---	4.26	3.482
28126	51919	68132	50	310.9	272	1.4	0.04	0.000*	---	4.83	6.066
28127	51920	68132	50	334.2	289.3	1.4	0.04	0.000*	---	5.1	7.606
28128	51921	68132	50	144.8	149.1	1.4	0.04	0.000*	---	2.79	0.328
28129	51922	68132	50	183.2	177.6	1.4	0.04	0.000*	---	3.27	0.877
28130	51923	68132	50	434.6	363.6	1.4	0.04	0.000*	---	6.24	15.821
28131	51924	68132	50	207.7	195.7	1.4	0.04	0.000*	---	3.58	1.443
28132	51926	68132	50	190.3	182.9	1.4	0.04	0.000*	---	3.36	1.022
28133	51927	68132	50	77.1	99.1	1.4	0.04	0.000*	---	1.9	0.021
28134	51928	68132	50	244.6	223	1.4	0.04	0.000*	---	4.03	2.671
28135	51929	68132	50	132.8	140.2	1.4	0.04	0.000*	---	2.63	0.225
28136	51930	68132	50	180.6	175.7	1.4	0.04	0.000*	---	3.24	0.827
28137	51932	68132	50	290	256.6	1.4	0.04	0.000*	---	4.58	4.837
28138	51933	68132	50	184.3	178.4	1.4	0.04	0.000*	---	3.29	0.898
28139	51934	68132	50	114.9	127	1.4	0.04	0.000*	---	2.4	0.12
28140	51935	68132	50	175	171.5	1.4	0.04	0.000*	---	3.17	0.726
28141	51936	68132	50	150.4	153.3	1.4	0.04	0.000*	---	2.86	0.386
28142	51937	68132	50	216.4	202.1	1.4	0.04	0.000*	---	3.69	1.69
28143	51938	68132	50	216.1	201.9	1.4	0.04	0.000*	---	3.68	1.682
28144	51941	68132	50	759.7	604.2	1.4	0.04	0.000*	---	9.61	46.61
28145	51943	68132	50	130.5	138.6	1.4	0.04	0.000*	---	2.6	0.209
28146	51944	68132	50	233	214.4	1.4	0.04	0.000*	---	3.89	2.235
28147	51945	68132	50	235.3	216.1	1.4	0.04	0.000*	---	3.92	2.319
28148	51946	68132	50	256.4	231.8	1.4	0.04	0.000*	---	4.18	3.166
28149	51948	68132	50	862	679.9	1.4	0.04	0.000*	---	10.57	54.733
28150	51949	68132	50	201.4	191	1.4	0.04	0.000*	---	3.5	1.279
28151	51950	68132	50	729.4	581.8	1.4	0.04	0.000*	---	9.31	43.991
28152	51951	68132	50	322.1	280.4	1.4	0.04	0.000*	---	4.96	6.789
28153	51955	68132	50	354.3	304.2	1.4	0.04	0.000*	---	5.34	9.066
28154	51956	68132	50	267.8	240.2	1.4	0.04	0.000*	---	4.32	3.688
28155	51957	68132	50	215.9	201.8	1.4	0.04	0.000*	---	3.68	1.677
28156	51958	68132	50	358	306.9	1.4	0.04	0.000*	---	5.38	9.342
28157	51959	68132	50	494.7	408.1	1.4	0.04	0.000*	---	6.9	21.519
28158	51960	68132	50	670.7	538.3	1.4	0.04	0.000*	---	8.73	38.655
28159	51961	68132	50	412.7	347.4	1.4	0.04	0.000*	---	6	13.848
28160	51962	68132	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.532
28161	51964	68132	50	261	235.1	1.4	0.04	0.000*	---	4.23	3.369
28162	51965	68132	50	266.1	238.9	1.4	0.04	0.000*	---	4.29	3.607
28163	51967	68132	50	349.3	300.5	1.4	0.04	0.000*	---	5.28	8.694
28164	51968	68132	50	642.9	517.7	1.4	0.04	0.000*	---	8.45	36.035
28165	51969	68132	50	558	454.9	1.4	0.04	0.000*	---	7.58	27.75
28166	51970	68132	50	410.9	346	1.4	0.04	0.000*	---	5.98	13.69
28167	51971	68132	50	198.1	188.6	1.4	0.04	0.000*	---	3.46	1.2
28168	51972	68132	50	163.4	162.9	1.4	0.04	0.000*	---	3.02	0.547
28169	51973	68132	50	405.6	342.2	1.4	0.04	0.000*	---	5.92	13.236
28170	51977	68132	50	329.4	285.8	1.4	0.04	0.000*	---	5.05	7.277
28171	51978	68132	50	568.2	462.4	1.4	0.04	0.000*	---	7.68	28.755
28172	51979	68132	50	154.2	156.1	1.4	0.04	0.000*	---	2.91	0.428
28173	51980	68132	50	371.8	317.1	1.4	0.04	0.000*	---	5.54	10.417
28174	51982	68132	50	85.6	105.3	1.4	0.04	0.000*	---	2.01	0.033
28175	51983	68132	50	411.1	346.2	1.4	0.04	0.000*	---	5.98	13.71
28176	51984	68132	50	172.1	169.4	1.4	0.04	0.000*	---	3.13	0.679
28177	51985	68132	50	363.6	311.1	1.4	0.04	0.000*	---	5.44	9.774
28178	51986	68132	50	325.1	282.6	1.4	0.04	0.000*	---	5	6.989
28179	51987	68132	50	413.2	347.8	1.4	0.04	0.000*	---	6.01	13.895
28180	51988	68132	50	415.9	349.8	1.4	0.04	0.000*	---	6.04	14.133
28181	51990	68132	50	200.6	190.5	1.4	0.04	0.000*	---	3.49	1.26

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PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28182	51992	68132	50	479.2	396.6	1.4	0.04	0.000*	---	6.74	20.019
28183	51994	68132	50	365.9	312.7	1.4	0.04	0.000*	---	5.47	9.95
28184	51997	68132	50	158.6	159.3	1.4	0.04	0.000*	---	2.96	0.482
28185	51998	68132	50	128.7	137.3	1.4	0.04	0.000*	---	2.58	0.197
28186	51999	68132	50	226.9	209.9	1.4	0.04	0.000*	---	3.82	2.024
28187	52000	68132	50	130.2	138.4	1.4	0.04	0.000*	---	2.6	0.207
28188	52001	68132	50	273.7	244.6	1.4	0.04	0.000*	---	4.39	3.978
28189	52003	68132	50	309.4	271	1.4	0.04	0.000*	---	4.81	5.979
28190	52004	68132	50	202.4	191.7	1.4	0.04	0.000*	---	3.51	1.303
28191	52005	68132	50	844.3	666.8	1.4	0.04	0.000*	---	10.41	53.414
28192	52008	68132	50	202.4	191.8	1.4	0.04	0.000*	---	3.51	1.305
28193	52009	68132	50	385.3	327.1	1.4	0.04	0.000*	---	5.69	11.511
28194	52010	68132	50	211.3	198.4	1.4	0.04	0.000*	---	3.62	1.542
28195	52011	68132	50	451.3	376	1.4	0.04	0.000*	---	6.43	17.366
28196	52012	68132	50	192.6	184.5	1.4	0.04	0.000*	---	3.39	1.071
28197	52013	68132	50	371.2	316.7	1.4	0.04	0.000*	---	5.53	10.367
28198	52014	68132	50	121.6	132	1.4	0.04	0.000*	---	2.49	0.153
28199	52017	68132	50	75.5	97.9	1.4	0.04	0.000*	---	1.88	0.019
28200	52018	68132	50	1121.9	872.2	1.4	0.04	0.000*	---	12.87	70.427
28201	52020	68132	50	303.8	266.8	1.4	0.04	0.000*	---	4.74	5.634
28202	52021	68132	50	409.1	344.8	1.4	0.04	0.000*	---	5.96	13.539
28203	52023	68132	50	217.3	202.8	1.4	0.04	0.000*	---	3.7	1.717
28204	52024	68132	50	275	245.5	1.4	0.04	0.000*	---	4.4	4.043
28205	52026	68132	50	360	308.4	1.4	0.04	0.000*	---	5.4	9.497
28206	52027	68132	50	505.8	416.3	1.4	0.04	0.000*	---	7.02	22.597
28207	52028	68132	50	512.1	420.9	1.4	0.04	0.000*	---	7.09	23.216
28208	52029	68132	50	391.3	331.5	1.4	0.04	0.000*	---	5.76	12.008
28209	52030	68132	50	167.5	166	1.4	0.04	0.000*	---	3.08	0.606
28210	52033	68132	50	450.5	375.4	1.4	0.04	0.000*	---	6.42	17.293
28211	52034	68132	50	253.7	229.8	1.4	0.04	0.000*	---	4.14	3.047
28212	52035	68132	50	133.5	140.8	1.4	0.04	0.000*	---	2.64	0.231
28213	52036	68132	50	421.6	354	1.4	0.04	0.000*	---	6.1	14.645
28214	52037	68132	50	124	133.7	1.4	0.04	0.000*	---	2.52	0.167
28215	52038	68132	50	141.1	146.4	1.4	0.04	0.000*	---	2.74	0.293
28216	52039	68132	50	303.7	266.8	1.4	0.04	0.000*	---	4.74	5.629
28217	52041	68132	50	459.5	382.1	1.4	0.04	0.000*	---	6.52	18.139
28218	52043	68132	50	204.7	193.5	1.4	0.04	0.000*	---	3.54	1.364
28219	52044	68132	50	270.6	242.2	1.4	0.04	0.000*	---	4.35	3.822
28220	52045	68132	50	286	253.6	1.4	0.04	0.000*	---	4.53	4.616
28221	52046	68132	50	275.9	246.1	1.4	0.04	0.000*	---	4.41	4.085
28222	52048	68132	50	303.4	266.5	1.4	0.04	0.000*	---	4.74	5.611
28223	52049	68132	50	247	224.8	1.4	0.04	0.000*	---	4.06	2.768
28224	52050	68132	50	75.3	97.7	1.4	0.04	0.000*	---	1.88	0.019
28225	52051	68132	50	95.5	112.7	1.4	0.04	0.000*	---	2.15	0.053
28226	52052	68132	50	158.6	159.4	1.4	0.04	0.000*	---	2.96	0.483
28227	52054	68132	50	170.3	168	1.4	0.04	0.000*	---	3.11	0.649
28228	52055	68132	50	140.5	145.9	1.4	0.04	0.000*	---	2.73	0.287
28229	52056	68132	50	70.1	93.9	1.4	0.04	0.000*	---	1.81	0.014
28230	52059	68132	50	337.9	292	1.4	0.04	0.000*	---	5.14	7.865
28231	52060	68132	50	108	121.9	1.4	0.04	0.000*	---	2.31	0.091
28232	52062	68132	50	84	104.2	1.4	0.04	0.000*	---	1.99	0.03
28233	52064	68132	50	138.4	144.4	1.4	0.04	0.000*	---	2.7	0.27
28234	52065	68132	50	388.5	329.5	1.4	0.04	0.000*	---	5.73	11.774
28235	52066	68132	50	656.5	527.8	1.4	0.04	0.000*	---	8.59	37.328
28236	52068	68132	50	250.3	227.2	1.4	0.04	0.000*	---	4.1	2.904
28237	52069	68132	50	323.1	281.1	1.4	0.04	0.000*	---	4.97	6.852
28238	52070	68132	50	70.2	93.9	1.4	0.04	0.000*	---	1.81	0.014
28239	52071	68132	50	225	208.5	1.4	0.04	0.000*	---	3.79	1.96
28240	52072	68132	50	205.9	194.4	1.4	0.04	0.000*	---	3.56	1.395
28241	52073	68132	50	211.4	198.4	1.4	0.04	0.000*	---	3.63	1.546
28242	52074	68132	50	311	272.1	1.4	0.04	0.000*	---	4.83	6.074

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28243	52075	68132	50	143.8	148.4	1.4	0.04	0.000*	---	2.77	0.318
28244	52076	68132	50	182.4	177	1.4	0.04	0.000*	---	3.26	0.86
28245	52077	68132	50	176	172.2	1.4	0.04	0.000*	---	3.18	0.743
28246	52078	68132	50	70	93.8	1.4	0.04	0.000*	---	1.81	0.014
28247	52079	68132	50	629	507.5	1.4	0.04	0.000*	---	8.31	34.707
28248	52080	68132	50	353.6	303.7	1.4	0.04	0.000*	---	5.33	9.01
28249	52082	68132	50	271.3	242.8	1.4	0.04	0.000*	---	4.36	3.856
28250	52084	68132	50	302.1	265.6	1.4	0.04	0.000*	---	4.73	5.535
28251	52085	68132	50	184.9	178.9	1.4	0.04	0.000*	---	3.3	0.91
28252	52086	68132	50	396.2	335.2	1.4	0.04	0.000*	---	5.81	12.423
28253	52087	68132	50	157.4	158.5	1.4	0.04	0.000*	---	2.95	0.468
28254	52088	68132	50	465.8	386.7	1.4	0.04	0.000*	---	6.59	18.731
28255	52089	68132	50	351.4	302	1.4	0.04	0.000*	---	5.3	8.844
28256	52090	68132	50	218.7	203.9	1.4	0.04	0.000*	---	3.72	1.761
28257	52091	68132	50	378	321.7	1.4	0.04	0.000*	---	5.61	10.917
28258	52093	68132	50	345	297.3	1.4	0.04	0.000*	---	5.23	8.378
28259	52094	68132	50	96.1	113.1	1.4	0.04	0.000*	---	2.15	0.054
28260	52095	68132	50	127.9	136.7	1.4	0.04	0.000*	---	2.57	0.192
28261	52096	68132	50	162.3	162.1	1.4	0.04	0.000*	---	3.01	0.532
28262	52097	68132	50	109.8	123.2	1.4	0.04	0.000*	---	2.33	0.098
28263	52099	68132	50	113.9	126.3	1.4	0.04	0.000*	---	2.39	0.115
28264	52100	68132	50	247.3	225	1.4	0.04	0.000*	---	4.07	2.78
28265	52101	68132	50	182.1	176.7	1.4	0.04	0.000*	---	3.26	0.854
28266	52102	68132	50	555.8	453.3	1.4	0.04	0.000*	---	7.55	27.529
28267	52103	68132	50	140	145.6	1.4	0.04	0.000*	---	2.72	0.283
28268	52104	68132	50	196.4	187.3	1.4	0.04	0.000*	---	3.44	1.158
28269	52105	68132	50	400.7	338.5	1.4	0.04	0.000*	---	5.86	12.809
28270	52106	68132	50	193.8	185.4	1.4	0.04	0.000*	---	3.41	1.097
28271	52107	68132	50	390.5	330.9	1.4	0.04	0.000*	---	5.75	11.941
28272	52108	68132	50	376.4	320.5	1.4	0.04	0.000*	---	5.59	10.786
28273	52110	68132	50	299	263.2	1.4	0.04	0.000*	---	4.69	5.346
28274	52111	68132	50	326.2	283.4	1.4	0.04	0.000*	---	5.01	7.063
28275	52112	68132	50	102.7	118	1.4	0.04	0.000*	---	2.24	0.073
28276	52113	68132	50	241.3	220.6	1.4	0.04	0.000*	---	3.99	2.543
28277	52114	68132	50	157	158.2	1.4	0.04	0.000*	---	2.94	0.462
28278	52115	68132	50	220.5	205.2	1.4	0.04	0.000*	---	3.74	1.816
28279	52116	68132	50	237.4	217.7	1.4	0.04	0.000*	---	3.95	2.394
28280	52119	68132	50	100.3	116.3	1.4	0.04	0.000*	---	2.21	0.066
28281	52120	68132	50	351.3	302	1.4	0.04	0.000*	---	5.3	8.841
28282	52122	68132	50	131.3	139.2	1.4	0.04	0.000*	---	2.61	0.215
28283	52124	68132	50	238.8	218.7	1.4	0.04	0.000*	---	3.96	2.445
28284	52126	68132	50	96.8	113.7	1.4	0.04	0.000*	---	2.16	0.056
28285	52127	68132	50	66.1	90.9	1.4	0.04	0.000*	---	1.75	0.011
28286	52128	68132	50	117	128.6	1.4	0.04	0.000*	---	2.43	0.129
28287	52129	68132	50	440.2	367.8	1.4	0.04	0.000*	---	6.31	16.333
28288	52130	68132	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.081
28289	52131	68132	50	74.5	97.2	1.4	0.04	0.000*	---	1.87	0.018
28290	52133	68132	50	337.8	292	1.4	0.04	0.000*	---	5.14	7.861
28291	52134	68132	50	166.5	165.2	1.4	0.04	0.000*	---	3.06	0.592
28292	52135	68132	50	118.7	129.8	1.4	0.04	0.000*	---	2.45	0.138
28293	52136	68132	50	186.4	179.9	1.4	0.04	0.000*	---	3.31	0.939
28294	52137	68132	50	67	91.6	1.4	0.04	0.000*	---	1.77	0.011
28295	52138	68132	50	121.8	132.2	1.4	0.04	0.000*	---	2.49	0.155
28296	52140	68132	50	337.2	291.5	1.4	0.04	0.000*	---	5.14	7.819
28297	52141	68132	50	74.5	97.2	1.4	0.04	0.000*	---	1.87	0.018
28298	52142	68132	50	181.6	176.4	1.4	0.04	0.000*	---	3.25	0.846
28299	52145	68132	50	82.5	103.1	1.4	0.04	0.000*	---	1.97	0.028
28300	52146	68132	50	269	241.1	1.4	0.04	0.000*	---	4.33	3.746
28301	52147	68132	50	123.6	133.5	1.4	0.04	0.000*	---	2.51	0.165
28302	52148	68132	50	191.5	183.7	1.4	0.04	0.000*	---	3.38	1.048
28303	52150	68132	50	159.2	159.8	1.4	0.04	0.000*	---	2.97	0.49

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GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28304	52151	68132	50	274.8	245.4	1.4	0.04	0.000*	---	4.4	4.03
28305	52153	68132	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
28306	52154	68132	50	215.2	201.3	1.4	0.04	0.000*	---	3.67	1.655
28307	52155	68132	50	171.6	169	1.4	0.04	0.000*	---	3.13	0.67
28308	52156	68132	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.448
28309	52157	68132	50	356.9	306.1	1.4	0.04	0.000*	---	5.37	9.261
28310	52158	68132	50	394.9	334.2	1.4	0.04	0.000*	---	5.8	12.311
28311	52159	68132	50	224.3	208	1.4	0.04	0.000*	---	3.79	1.937
28312	52163	68132	50	177.3	173.2	1.4	0.04	0.000*	---	3.2	0.767
28313	52164	68132	50	128	136.7	1.4	0.04	0.000*	---	2.57	0.192
28314	52165	68132	50	54.9	82.6	1.4	0.04	0.000*	---	1.61	0.005
28315	52166	68132	50	304.5	267.3	1.4	0.04	0.000*	---	4.75	5.675
28316	52167	68132	50	60.2	86.6	1.4	0.04	0.000*	---	1.68	0.007
28317	52168	68132	50	80.6	101.6	1.4	0.04	0.000*	---	1.95	0.025
28318	52172	68132	50	436.8	365.2	1.4	0.04	0.000*	---	6.27	16.017
28319	52173	68132	50	209.2	196.8	1.4	0.04	0.000*	---	3.6	1.485
28320	52174	68132	50	101.3	117	1.4	0.04	0.000*	---	2.22	0.069
28321	52175	68132	50	125.8	135.1	1.4	0.04	0.000*	---	2.54	0.178
28322	52176	68132	50	161.6	161.6	1.4	0.04	0.000*	---	3	0.522
28323	52177	68132	50	243.1	221.9	1.4	0.04	0.000*	---	4.02	2.61
28324	52178	68132	50	150.9	153.7	1.4	0.04	0.000*	---	2.86	0.391
28325	52181	68132	50	118.7	129.9	1.4	0.04	0.000*	---	2.45	0.138
28326	52182	68132	50	69.6	93.5	1.4	0.04	0.000*	---	1.8	0.013
28327	52184	68132	50	309.2	270.8	1.4	0.04	0.000*	---	4.81	5.961
28328	52185	68132	50	51.7	80.2	1.4	0.04	0.000*	---	1.56	0.004
28329	52186	68132	50	341.5	294.7	1.4	0.04	0.000*	---	5.19	8.123
28330	52187	68132	50	208.4	196.2	1.4	0.04	0.000*	---	3.59	1.461
28331	52188	68132	50	103.7	118.7	1.4	0.04	0.000*	---	2.25	0.076
28332	52189	68132	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.332
28333	52190	68132	50	84.3	104.3	1.4	0.04	0.000*	---	2	0.03
28334	52191	68132	50	204.5	193.3	1.4	0.04	0.000*	---	3.54	1.358
28335	52192	68132	50	153.4	155.6	1.4	0.04	0.000*	---	2.9	0.42
28336	52193	68132	50	133.7	140.9	1.4	0.04	0.000*	---	2.64	0.232
28337	52195	68132	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.774
28338	52196	68132	50	174.1	170.8	1.4	0.04	0.000*	---	3.16	0.711
28339	52197	68132	50	218.2	203.5	1.4	0.04	0.000*	---	3.71	1.745
28340	52198	68132	50	185.4	179.2	1.4	0.04	0.000*	---	3.3	0.919
28341	52199	68132	50	115.4	127.4	1.4	0.04	0.000*	---	2.41	0.122
28342	52200	68132	50	519.4	426.3	1.4	0.04	0.000*	---	7.17	23.933
28343	52201	68132	50	320.2	278.9	1.4	0.04	0.000*	---	4.94	6.661
28344	52202	68132	50	334.1	289.2	1.4	0.04	0.000*	---	5.1	7.601
28345	52203	68132	50	229.8	212	1.4	0.04	0.000*	---	3.85	2.121
28346	52204	68132	50	305.5	268.1	1.4	0.04	0.000*	---	4.77	5.738
28347	52205	68132	50	251.5	228.1	1.4	0.04	0.000*	---	4.12	2.955
28348	52206	68132	50	136.5	143	1.4	0.04	0.000*	---	2.68	0.254
28349	52207	68132	50	486.8	402.2	1.4	0.04	0.000*	---	6.82	20.745
28350	52210	68132	50	418.6	351.8	1.4	0.04	0.000*	---	6.07	14.376
28351	52211	68132	50	169.2	167.2	1.4	0.04	0.000*	---	3.1	0.632
28352	52212	68132	50	181.8	176.6	1.4	0.04	0.000*	---	3.26	0.85
28353	52213	68132	50	179.1	174.6	1.4	0.04	0.000*	---	3.22	0.8
28354	52214	68132	50	189.8	182.4	1.4	0.04	0.000*	---	3.36	1.01
28355	52215	68132	50	158.4	159.3	1.4	0.04	0.000*	---	2.96	0.481
28356	52216	68132	50	260	234.4	1.4	0.04	0.000*	---	4.22	3.323
28357	52217	68132	50	95.9	113	1.4	0.04	0.000*	---	2.15	0.054
28358	52218	68132	50	274.5	245.1	1.4	0.04	0.000*	---	4.4	4.016
28359	52219	68132	50	158.3	159.1	1.4	0.04	0.000*	---	2.96	0.478
28360	52220	68132	50	89.8	108.4	1.4	0.04	0.000*	---	2.07	0.04
28361	52221	68132	50	202.9	192.1	1.4	0.04	0.000*	---	3.52	1.317
28362	52222	68132	50	187.5	180.8	1.4	0.04	0.000*	---	3.33	0.962
28363	52224	68132	50	204.8	193.5	1.4	0.04	0.000*	---	3.54	1.366
28364	52225	68132	50	289.5	256.3	1.4	0.04	0.000*	---	4.58	4.81

LEAD BATCH MODE OUTPUT FILE
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* : signify default values used in place of missing input data.
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28365	52226	68132	50	184.2	178.3	1.4	0.04	0.000*	---	3.29	0.895
28366	52228	68132	50	520.3	427	1.4	0.04	0.000*	---	7.18	24.023
28367	52229	68132	50	296.8	261.6	1.4	0.04	0.000*	---	4.66	5.219
28368	52230	68132	50	333.5	288.8	1.4	0.04	0.000*	---	5.09	7.562
28369	52231	68132	50	211.9	198.8	1.4	0.04	0.000*	---	3.63	1.56
28370	52233	68132	50	180.7	175.7	1.4	0.04	0.000*	---	3.24	0.828
28371	52235	68132	50	371.3	316.7	1.4	0.04	0.000*	---	5.53	10.375
28372	52237	68132	50	272.8	243.9	1.4	0.04	0.000*	---	4.38	3.932
28373	52238	68132	50	236.9	217.3	1.4	0.04	0.000*	---	3.94	2.376
28374	52239	68132	50	401.4	339.1	1.4	0.04	0.000*	---	5.87	12.872
28375	52240	68132	50	338.1	292.2	1.4	0.04	0.000*	---	5.15	7.879
28376	52242	68132	50	449	374.3	1.4	0.04	0.000*	---	6.4	17.148
28377	52243	68132	50	118.1	129.4	1.4	0.04	0.000*	---	2.44	0.135
28378	52244	68132	50	110.9	124.1	1.4	0.04	0.000*	---	2.35	0.102
28379	52245	68132	50	110.7	123.9	1.4	0.04	0.000*	---	2.34	0.101
28380	52246	68132	50	222.6	206.8	1.4	0.04	0.000*	---	3.77	1.884
28381	52319	68132	50	163.7	163.1	1.4	0.04	0.000*	---	3.03	0.551
28382	52320	68132	50	114.6	126.8	1.4	0.04	0.000*	---	2.4	0.118
28383	52324	68132	50	127	136	1.4	0.04	0.000*	---	2.56	0.185
28384	52325	68132	50	646.3	520.3	1.4	0.04	0.000*	---	8.49	36.362
28385	52327	68132	50	62.9	88.6	1.4	0.04	0.000*	---	1.71	0.009
28386	52328	68132	50	45.6	75.7	1.4	0.04	0.000*	---	1.48	0.002
28387	52330	68132	50	133.4	140.7	1.4	0.04	0.000*	---	2.64	0.23
28388	52331	68132	50	145.3	149.5	1.4	0.04	0.000*	---	2.79	0.333
28389	52332	68132	50	207.3	195.4	1.4	0.04	0.000*	---	3.58	1.432
28390	52333	68132	50	71.6	95	1.4	0.04	0.000*	---	1.83	0.015
28391	52334	68132	50	88.6	107.5	1.4	0.04	0.000*	---	2.05	0.038
28392	52336	68132	50	99.6	115.7	1.4	0.04	0.000*	---	2.2	0.064
28393	52337	68132	50	128.3	136.9	1.4	0.04	0.000*	---	2.57	0.194
28394	52338	68132	50	82	102.7	1.4	0.04	0.000*	---	1.97	0.027
28395	52339	68132	50	115.3	127.3	1.4	0.04	0.000*	---	2.4	0.121
28396	52340	68132	50	237.9	218	1.4	0.04	0.000*	---	3.95	2.411
28397	52342	68132	50	102.5	117.9	1.4	0.04	0.000*	---	2.24	0.072
28398	52343	68132	50	121.8	132.2	1.4	0.04	0.000*	---	2.49	0.155
28399	52345	68132	50	138.6	144.6	1.4	0.04	0.000*	---	2.71	0.271
28400	52349	68132	50	324.6	282.2	1.4	0.04	0.000*	---	4.99	6.957
28401	52350	68132	50	272.2	243.5	1.4	0.04	0.000*	---	4.37	3.903
28402	52351	68132	50	300.7	264.5	1.4	0.04	0.000*	---	4.71	5.449
28403	52352	68132	50	865.8	682.7	1.4	0.04	0.000*	---	10.61	55.015
28404	52353	68132	50	335.8	290.5	1.4	0.04	0.000*	---	5.12	7.719
28405	52355	68132	50	177.6	173.5	1.4	0.04	0.000*	---	3.2	0.773
28406	52356	68132	50	220.3	205.1	1.4	0.04	0.000*	---	3.74	1.811
28407	52357	68132	50	88.1	107.2	1.4	0.04	0.000*	---	2.05	0.037
28408	52358	68132	50	134.5	141.5	1.4	0.04	0.000*	---	2.65	0.238
28409	52359	68132	50	104	118.9	1.4	0.04	0.000*	---	2.26	0.077
28410	52360	68132	50	185.5	179.3	1.4	0.04	0.000*	---	3.3	0.921
28411	52362	68132	50	176.7	172.7	1.4	0.04	0.000*	---	3.19	0.756
28412	52363	68132	50	155.3	156.9	1.4	0.04	0.000*	---	2.92	0.442
28413	52365	68132	50	117.3	128.8	1.4	0.04	0.000*	---	2.43	0.131
28414	52366	68132	50	62.1	88	1.4	0.04	0.000*	---	1.7	0.008
28415	52367	68132	50	58	84.9	1.4	0.04	0.000*	---	1.65	0.006
28416	52368	68132	50	198.3	188.7	1.4	0.04	0.000*	---	3.46	1.203
28417	52370	68132	50	113.6	126.1	1.4	0.04	0.000*	---	2.38	0.114
28418	52371	68132	50	93.4	111.1	1.4	0.04	0.000*	---	2.12	0.048
28419	52373	68132	50	221	205.6	1.4	0.04	0.000*	---	3.74	1.832
28420	52374	68132	50	54.1	82	1.4	0.04	0.000*	---	1.59	0.005
28421	52375	68132	50	179.6	174.9	1.4	0.04	0.000*	---	3.23	0.807
28422	52378	68132	50	130	138.2	1.4	0.04	0.000*	---	2.6	0.205
28423	52379	68132	50	236.1	216.8	1.4	0.04	0.000*	---	3.93	2.348
28424	52380	68132	50	122.5	132.6	1.4	0.04	0.000*	---	2.5	0.158
28425	52381	68132	50	49.7	78.7	1.4	0.04	0.000*	---	1.53	0.003

LEAD BATCH MODE OUTPUT FILE
Model Version: 1.0 Build 264

User Name:
Date:
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---: signify missing input data.
PBB & PRED are the observed and predicted blood Pb levels in ug/dL.

Percent exceedance was calculated using values of GSD and PbB Cutoff as follows:
GSD = 1.6
PbB Cutoff (C) = 10 ug/dL

ID	FAM	BLK	AGE (mon)	SOIL (ug/g)	DUST (ug/g)	WATER (ug/L)	AIR (ug/m^3)	Other (ug/day)	PBB (ug/dL)	PRED (ug/dL)	P(PbB>C) (%)
28426	52383	68132	50	84.3	104.4	1.4	0.04	0.000*	---	2	0.031
28427	52384	68132	50	113.4	125.9	1.4	0.04	0.000*	---	2.38	0.113
28428	52385	68132	50	170.7	168.3	1.4	0.04	0.000*	---	3.12	0.656
28429	52386	68132	50	105	119.7	1.4	0.04	0.000*	---	2.27	0.081
28430	52387	68132	50	385.7	327.4	1.4	0.04	0.000*	---	5.69	11.547
28431	52390	68132	50	151.7	154.3	1.4	0.04	0.000*	---	2.88	0.4
28432	52391	68132	50	74.8	97.3	1.4	0.04	0.000*	---	1.87	0.018
28433	52392	68132	50	212	198.9	1.4	0.04	0.000*	---	3.63	1.563
28434	52393	68132	50	166.8	165.4	1.4	0.04	0.000*	---	3.07	0.596
28435	52394	68132	50	73	96	1.4	0.04	0.000*	---	1.85	0.016
28436	52395	68132	50	111.8	124.7	1.4	0.04	0.000*	---	2.36	0.106
28437	52396	68132	50	75.3	97.8	1.4	0.04	0.000*	---	1.88	0.019
28438	52399	68132	50	119.5	130.4	1.4	0.04	0.000*	---	2.46	0.142
28439	52400	68132	50	127.1	136.1	1.4	0.04	0.000*	---	2.56	0.186
28440	52402	68132	50	59.8	86.2	1.4	0.04	0.000*	---	1.67	0.007
28441	52403	68132	50	58.4	85.2	1.4	0.04	0.000*	---	1.65	0.006
28442	52406	68132	50	67.6	92	1.4	0.04	0.000*	---	1.77	0.012
28443	52407	68132	50	184.6	178.6	1.4	0.04	0.000*	---	3.29	0.903
28444	52408	68132	50	136.3	142.9	1.4	0.04	0.000*	---	2.68	0.253
28445	52409	68132	50	267	239.6	1.4	0.04	0.000*	---	4.31	3.651
28446	52411	68132	50	240.2	219.7	1.4	0.04	0.000*	---	3.98	2.499
28447	63004	68132	50	455.5	379.1	1.4	0.04	0.000*	---	6.48	17.761
28448	63007	68132	50	312.5	273.2	1.4	0.04	0.000*	---	4.85	6.167
28449	63008	68132	50	76.7	98.8	1.4	0.04	0.000*	---	1.9	0.02
28450	63009	68132	50	306.4	268.8	1.4	0.04	0.000*	---	4.78	5.793
28451	65501	68132	50	352.9	303.1	1.4	0.04	0.000*	---	5.32	8.957
28452	65509	68132	50	123.6	133.5	1.4	0.04	0.000*	---	2.51	0.165
28453	66774	68132	50	131.5	139.3	1.4	0.04	0.000*	---	2.62	0.216
28454	66775	68132	50	190	182.6	1.4	0.04	0.000*	---	3.36	1.015
28455	66776	68132	50	382.8	325.3	1.4	0.04	0.000*	---	5.66	11.309
28456	66777	68132	50	211.7	198.7	1.4	0.04	0.000*	---	3.63	1.554
28457	66779	68132	50	137.5	143.8	1.4	0.04	0.000*	---	2.69	0.262
28458	66780	68132	50	567.6	462	1.4	0.04	0.000*	---	7.68	28.702
28459	66781	68132	50	410.5	345.8	1.4	0.04	0.000*	---	5.98	13.663
28460	66782	68132	50	167.1	165.6	1.4	0.04	0.000*	---	3.07	0.6
28461	66783	68132	50	255.8	231.3	1.4	0.04	0.000*	---	4.17	3.136
28462	66784	68132	50	446.8	372.6	1.4	0.04	0.000*	---	6.38	16.94
28463	66786	68132	50	1089.4	848.1	1.4	0.04	0.000*	---	12.59	68.817
28464	66787	68132	50	419.5	352.5	1.4	0.04	0.000*	---	6.08	14.457
28465	66788	68132	50	195.4	186.6	1.4	0.04	0.000*	---	3.43	1.136
28466	66791	68132	50	560.2	456.5	1.4	0.04	0.000*	---	7.6	27.97
28467	66792	68132	50	1010.7	789.9	1.4	0.04	0.000*	---	11.91	64.528
28468	66816	68132	50	460.2	382.6	1.4	0.04	0.000*	---	6.53	18.205
28469	81810	68132	50	235.9	216.5	1.4	0.04	0.000*	---	3.93	2.337
28470	83820	68132	50	283.5	251.8	1.4	0.04	0.000*	---	4.5	4.482
28471	83821	68132	50	241	220.3	1.4	0.04	0.000*	---	3.99	2.53
28472	92431	68132	50	708.6	566.3	1.4	0.04	0.000*	---	9.11	42.135
28473	92645	68132	50	198.4	188.9	1.4	0.04	0.000*	---	3.47	1.207
28474	93335	68132	50	269.6	241.5	1.4	0.04	0.000*	---	4.34	3.775
28475	93347	68132	50	305.2	267.9	1.4	0.04	0.000*	---	4.76	5.72
28476	93348	68132	50	267	239.6	1.4	0.04	0.000*	---	4.31	3.65
28477	93473	68132	50	105.9	120.3	1.4	0.04	0.000*	---	2.28	0.083
28478	93493	68132	50	207.9	195.9	1.4	0.04	0.000*	---	3.58	1.448

APPENDIX I

Paired Soil-Dust Data for Non-Lead Analytes

Figure I-1. Paired Soil and Dust Data for Aluminum
Figure I-2. Paired Soil and Dust Data for Arsenic
Figure I-3. Paired Soil and Dust Data for Barium
Figure I-4. Paired Soil and Dust Data for Cadmium
Figure I-5. Paired Soil and Dust Data for Calcium
Figure I-6. Paired Soil and Dust Data for Chromium
Figure I-7. Paired Soil and Dust Data for Copper
Figure I-8. Paired Soil and Dust Data for Iron
Figure I-9. Paired Soil and Dust Data for Magnesium
Figure I-10. Paired Soil and Dust Data for Manganese
Figure I-11. Paired Soil and Dust Data for Mercury
Figure I-12. Paired Soil and Dust Data for Nickel
Figure I-13. Paired Soil and Dust Data for Potassium
Figure I-14. Paired Soil and Dust Data for Silicon
Figure I-15. Paired Soil and Dust Data for Titanium
Figure I-16. Paired Soil and Dust Data for Vanadium
Figure I-17. Paired Soil and Dust Data for Zinc

Figure I-1. Paired Soil and Dust Data for Aluminum

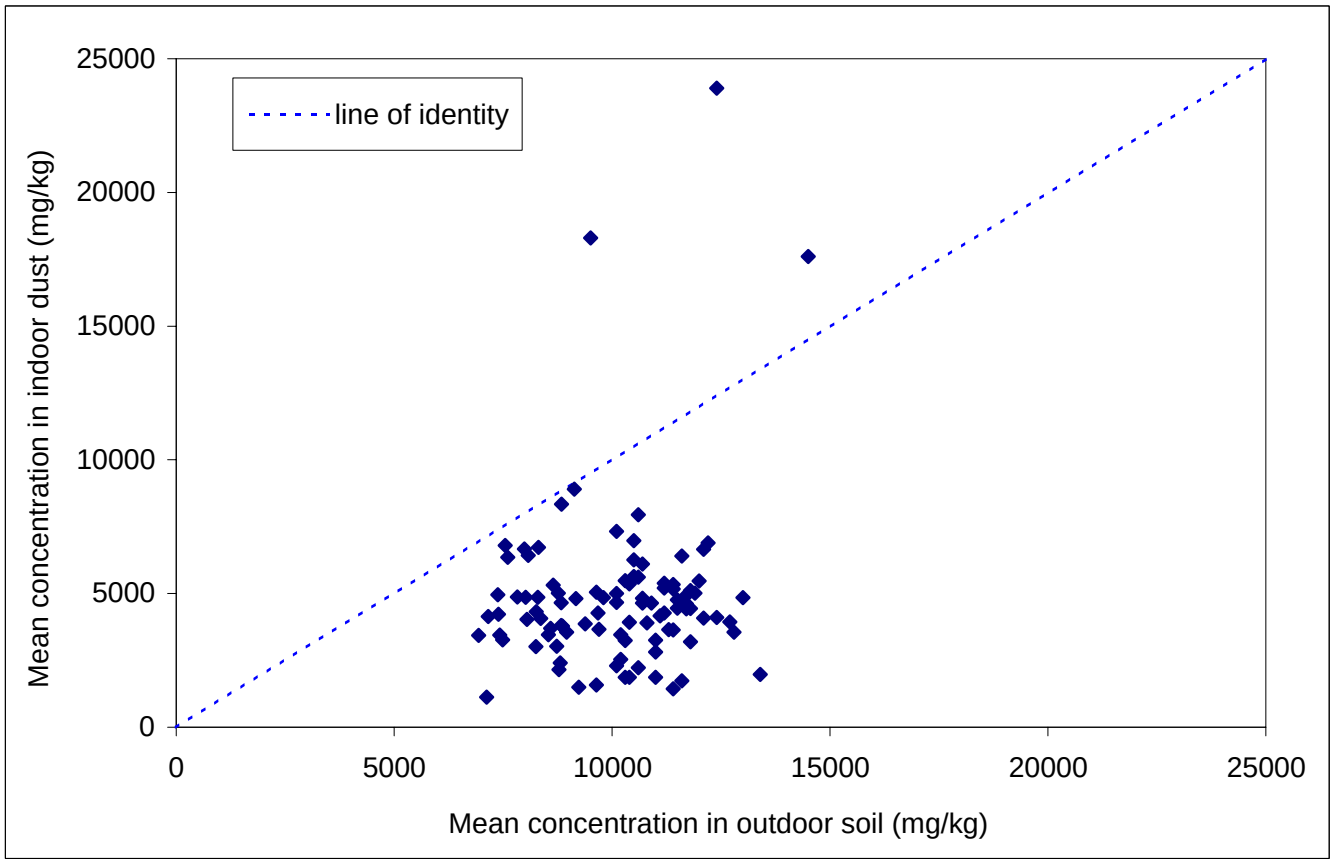

Figure I-2. Paired Soil and Dust Data for Arsenic

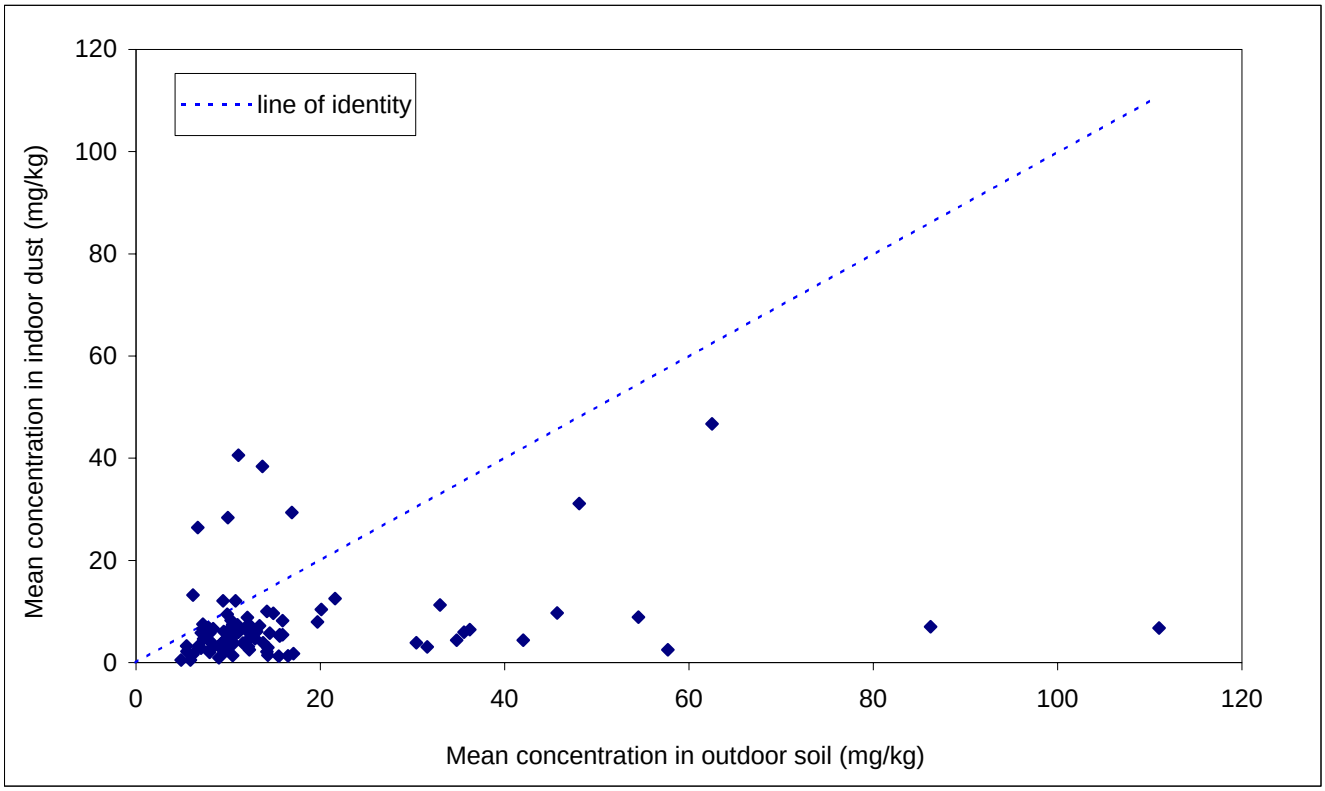

Figure I-3. Paired Soil and Dust Data for Barium

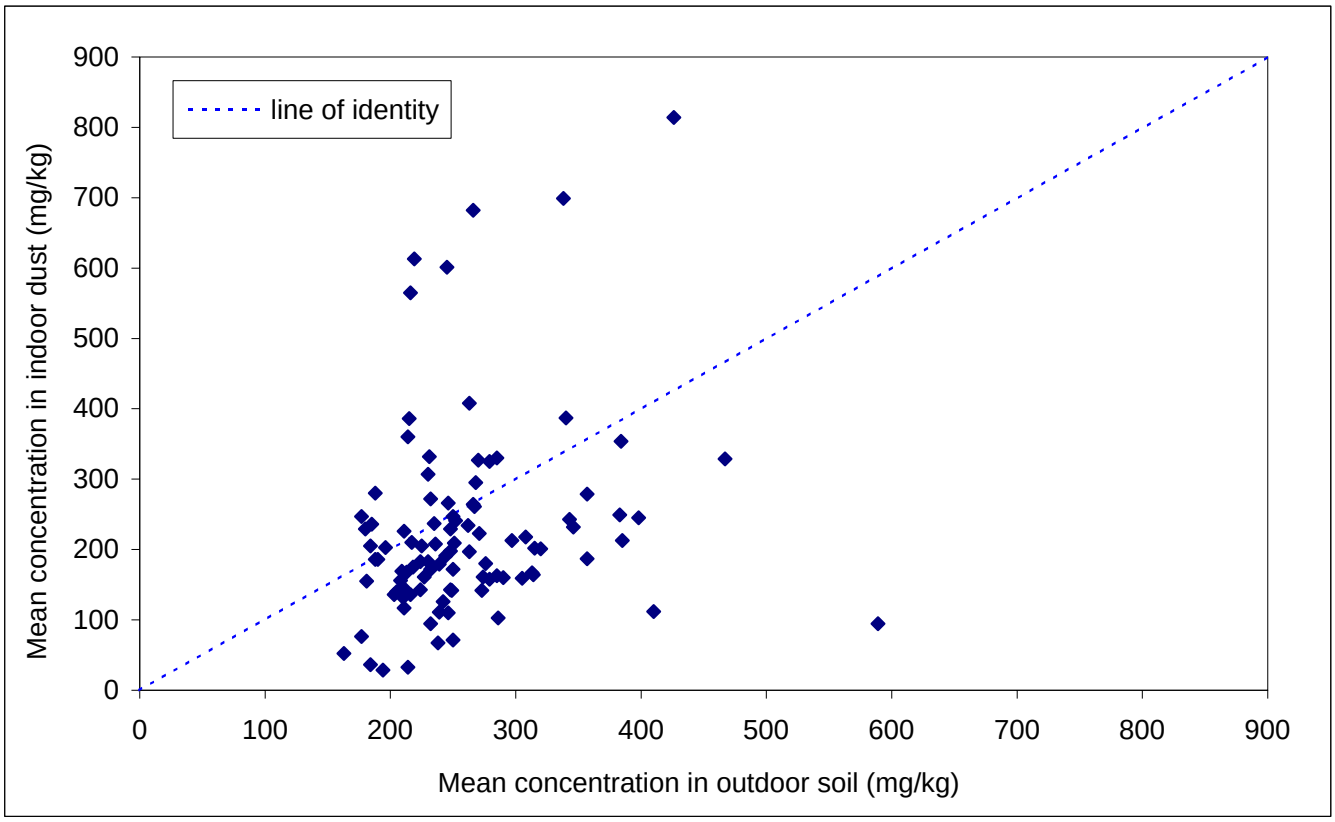

Figure I-4. Paired Soil and Dust Data for Cadmium

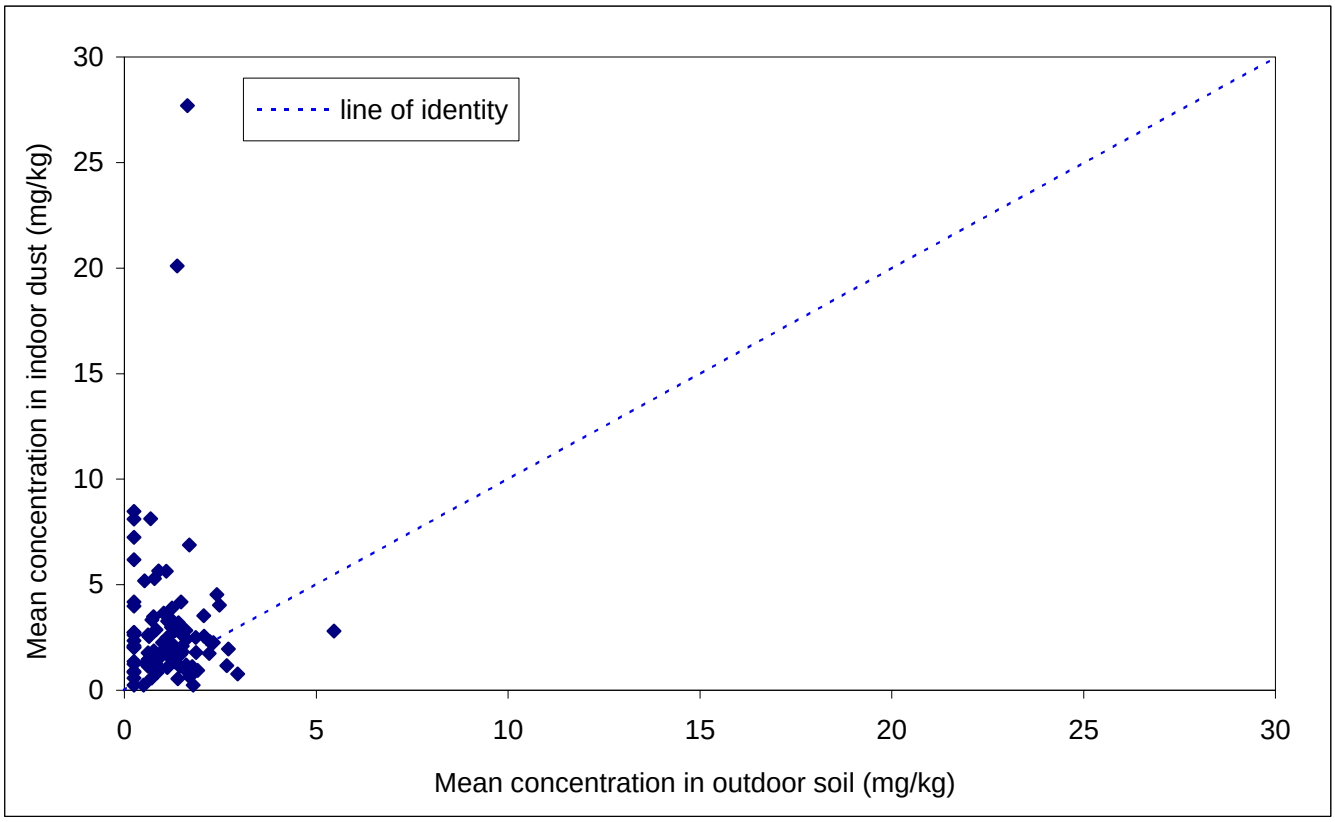

Figure I-5. Paired Soil and Dust Data for Calcium

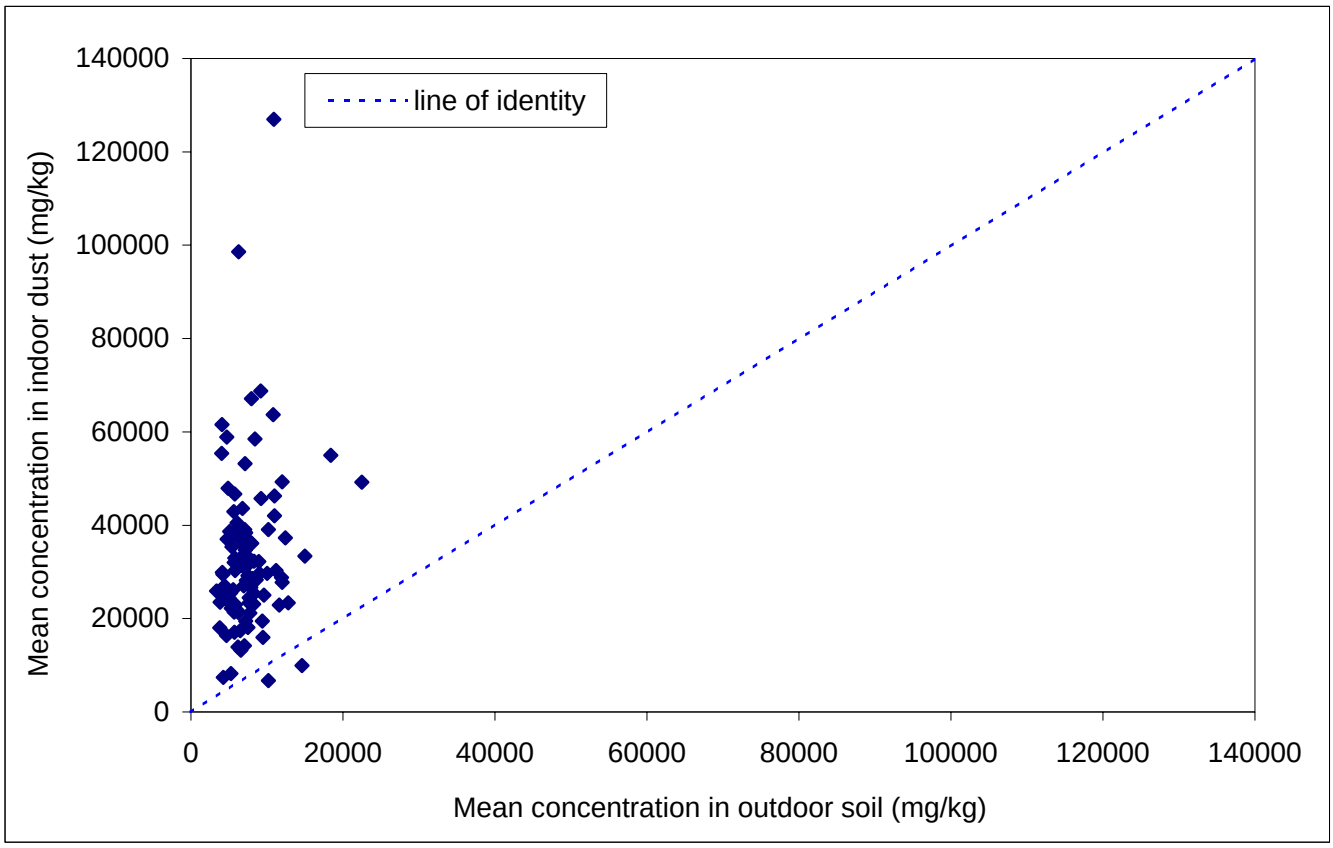

Figure I-6. Paired Soil and Dust Data for Chromium

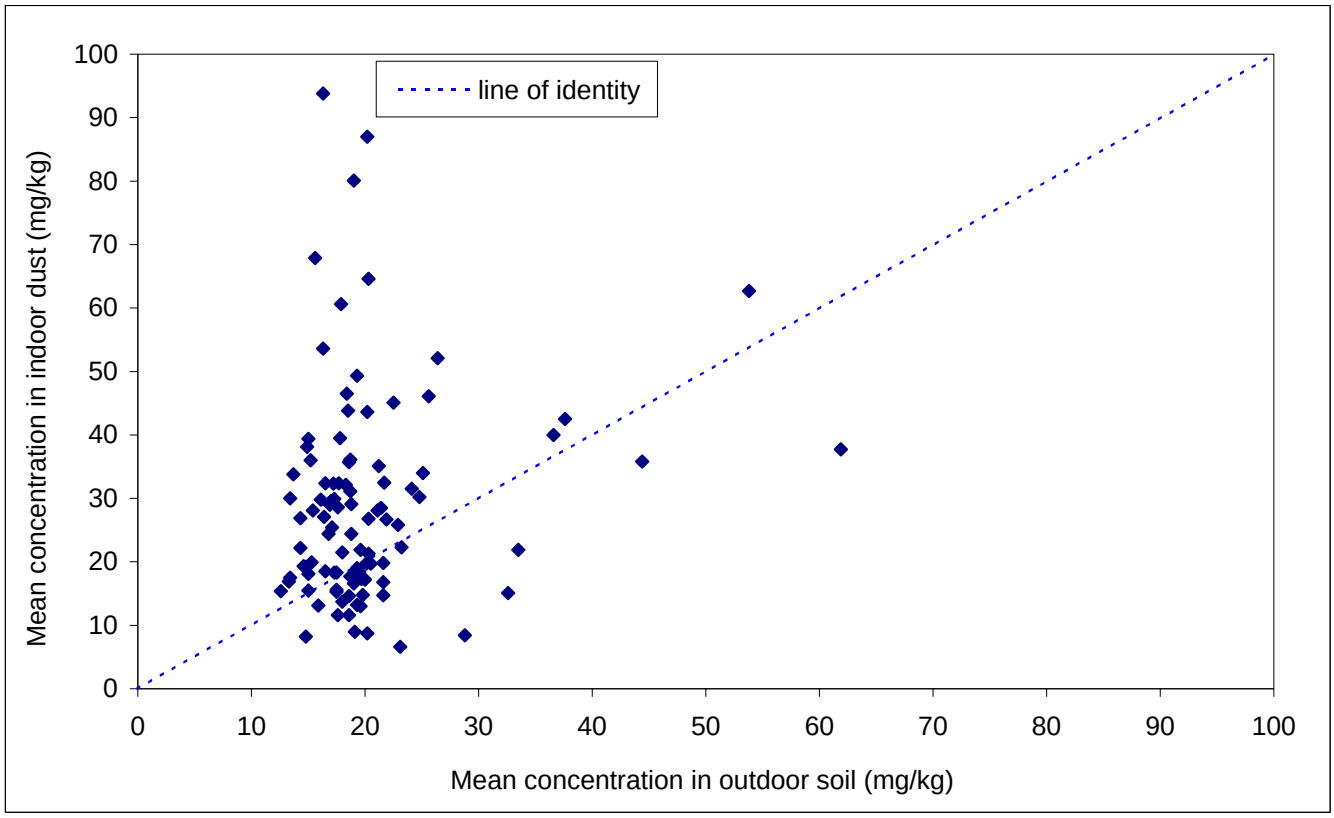

Figure I-7. Paired Soil and Dust Data for Copper

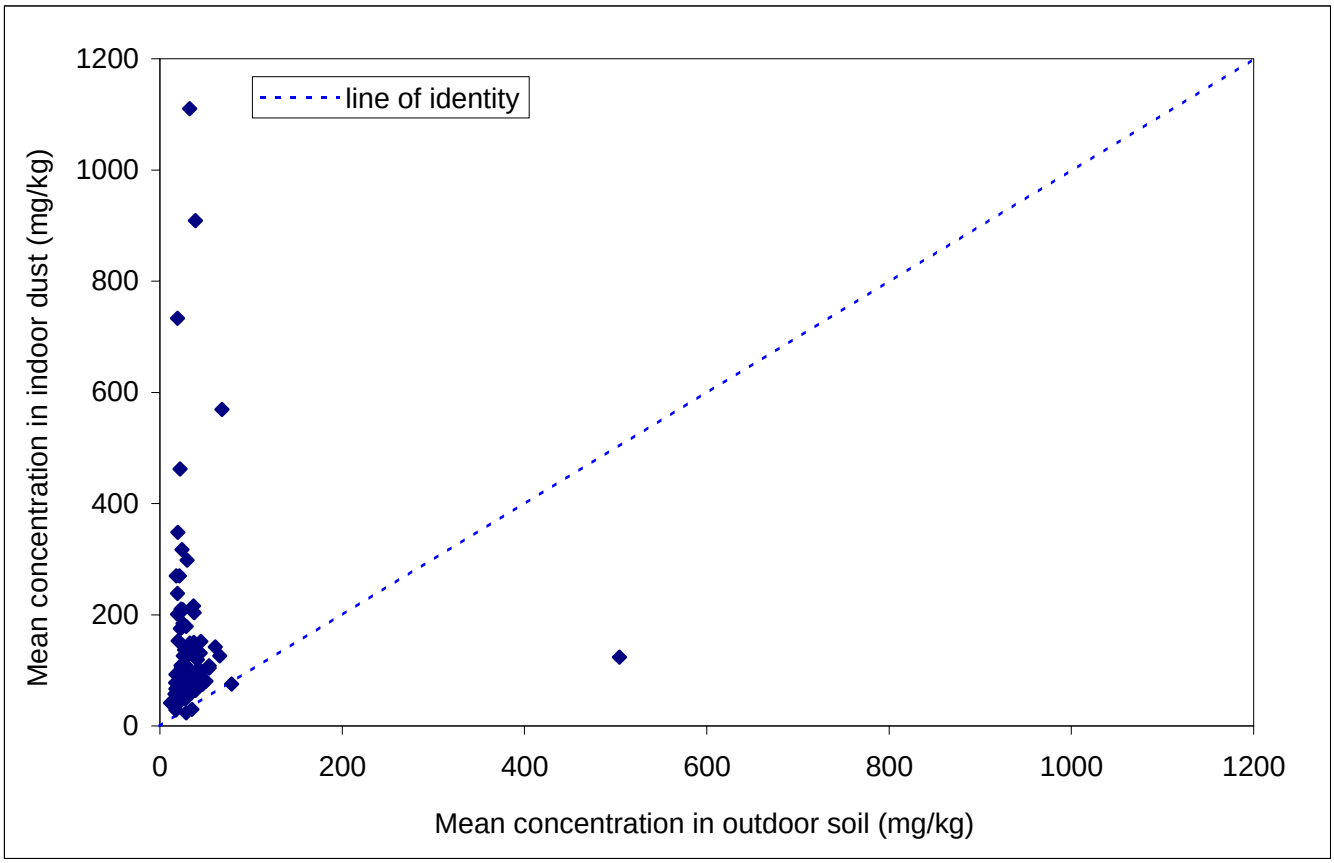

Figure I-8. Paired Soil and Dust Data for Iron

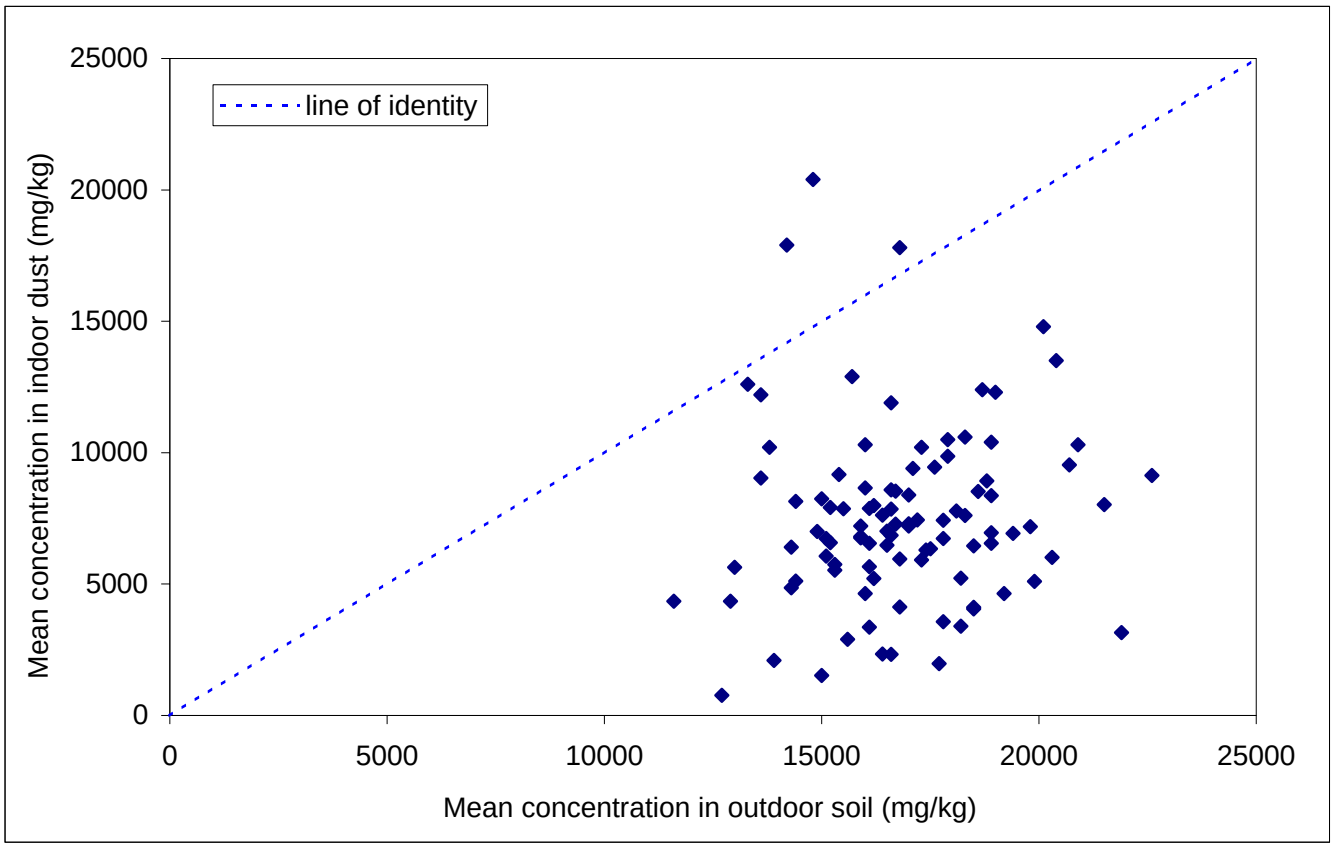

Figure I-9. Paired Soil and Dust Data for Magnesium

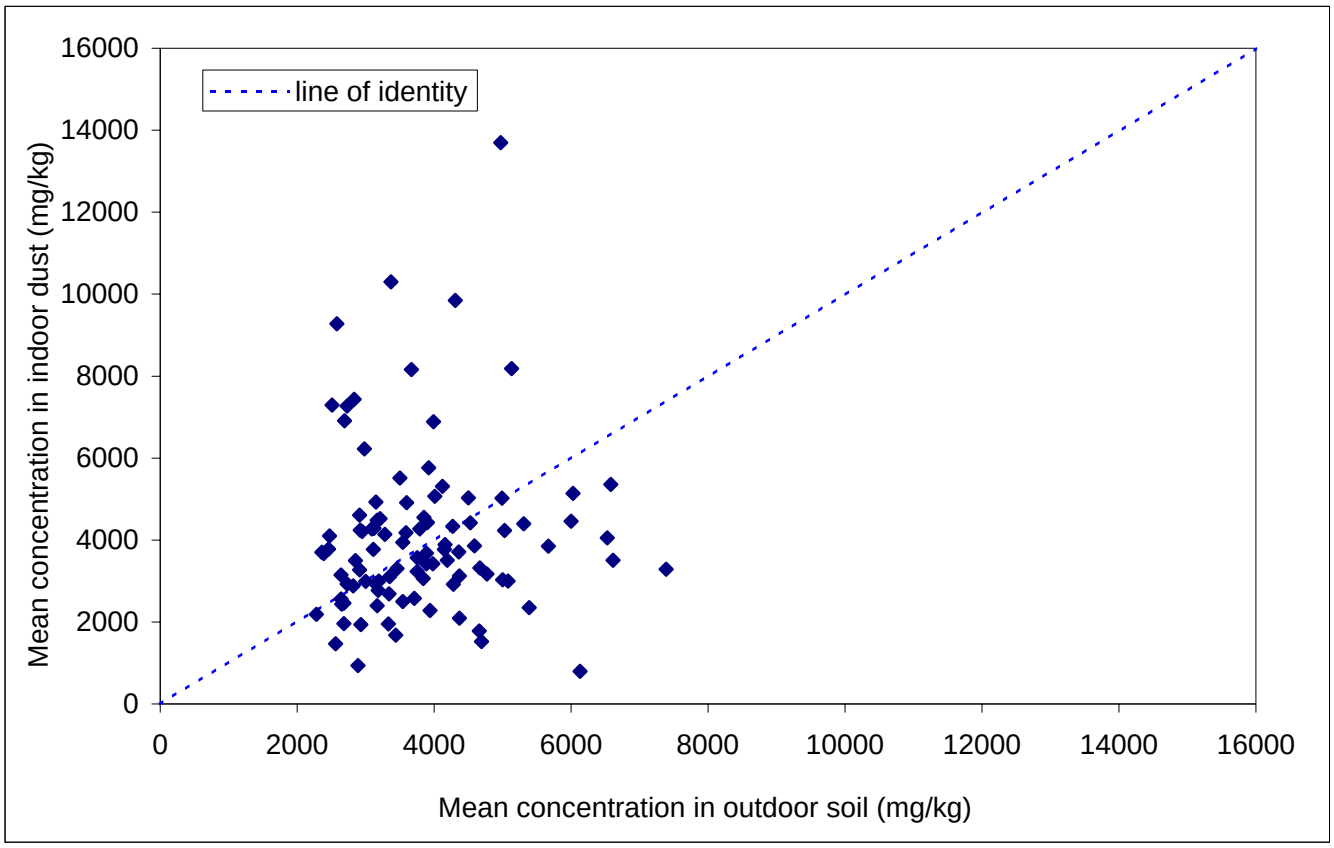

Figure I-10. Paired Soil and Dust Data for Manganese

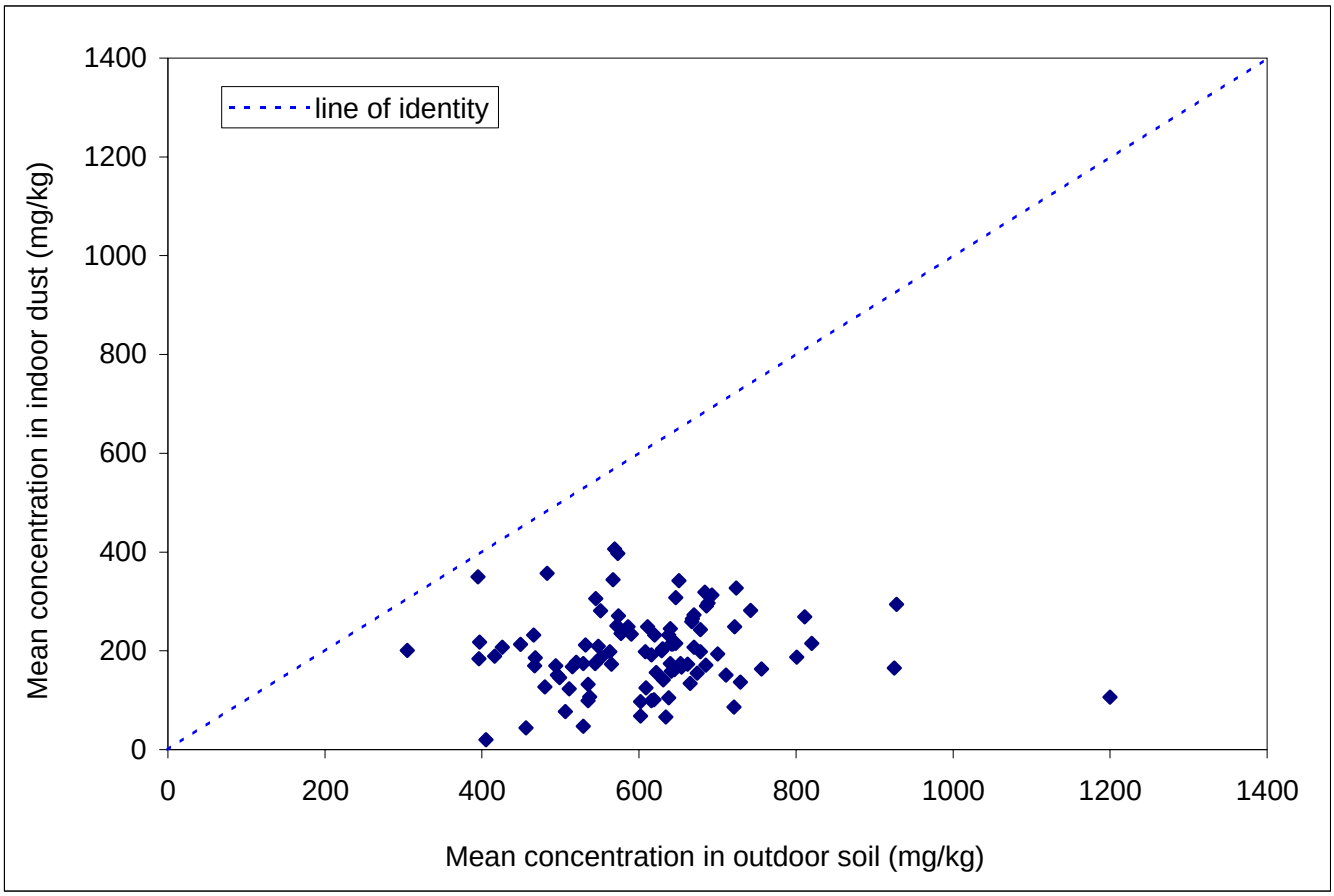

Figure I-11. Paired Soil and Dust Data for Mercury

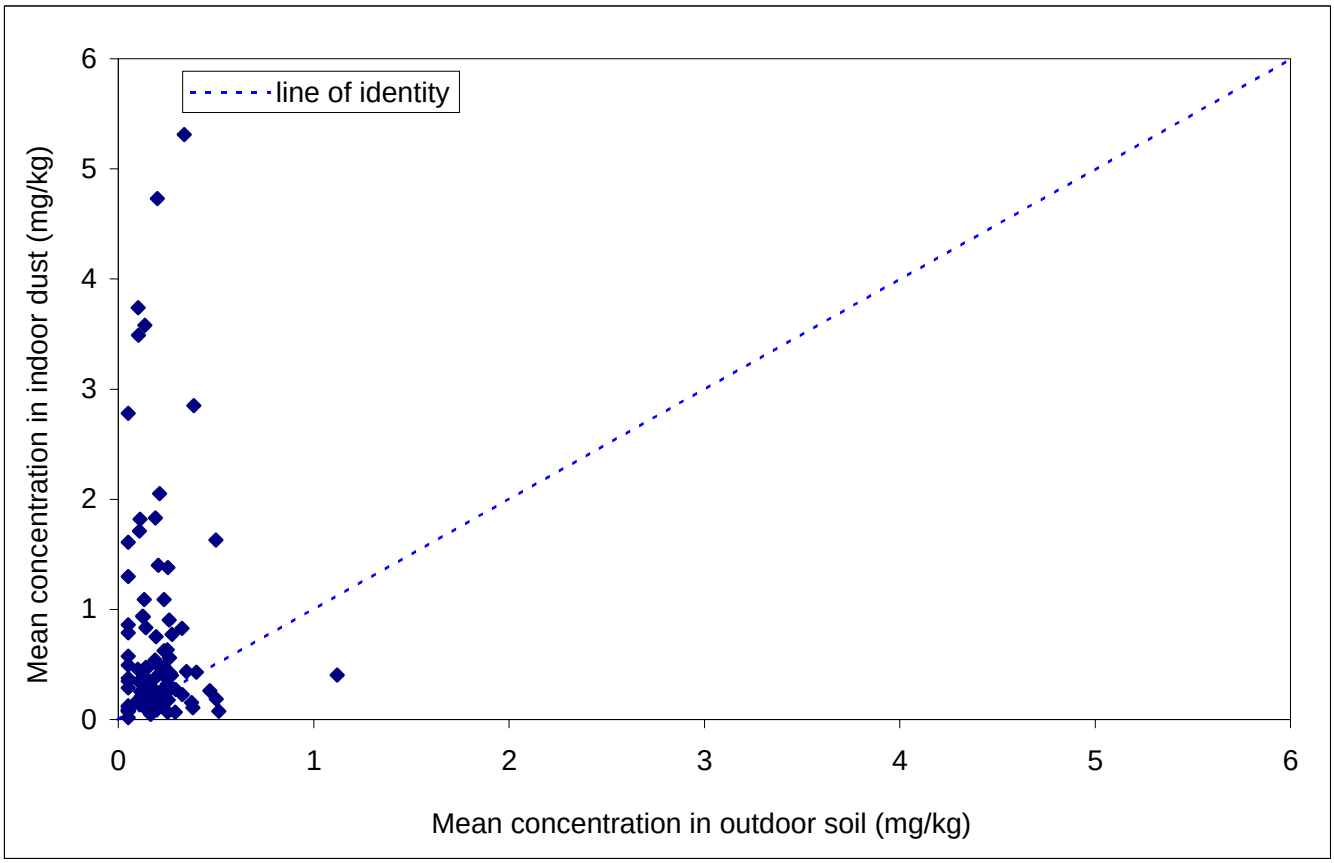

Figure I-12. Paired Soil and Dust Data for Nickel

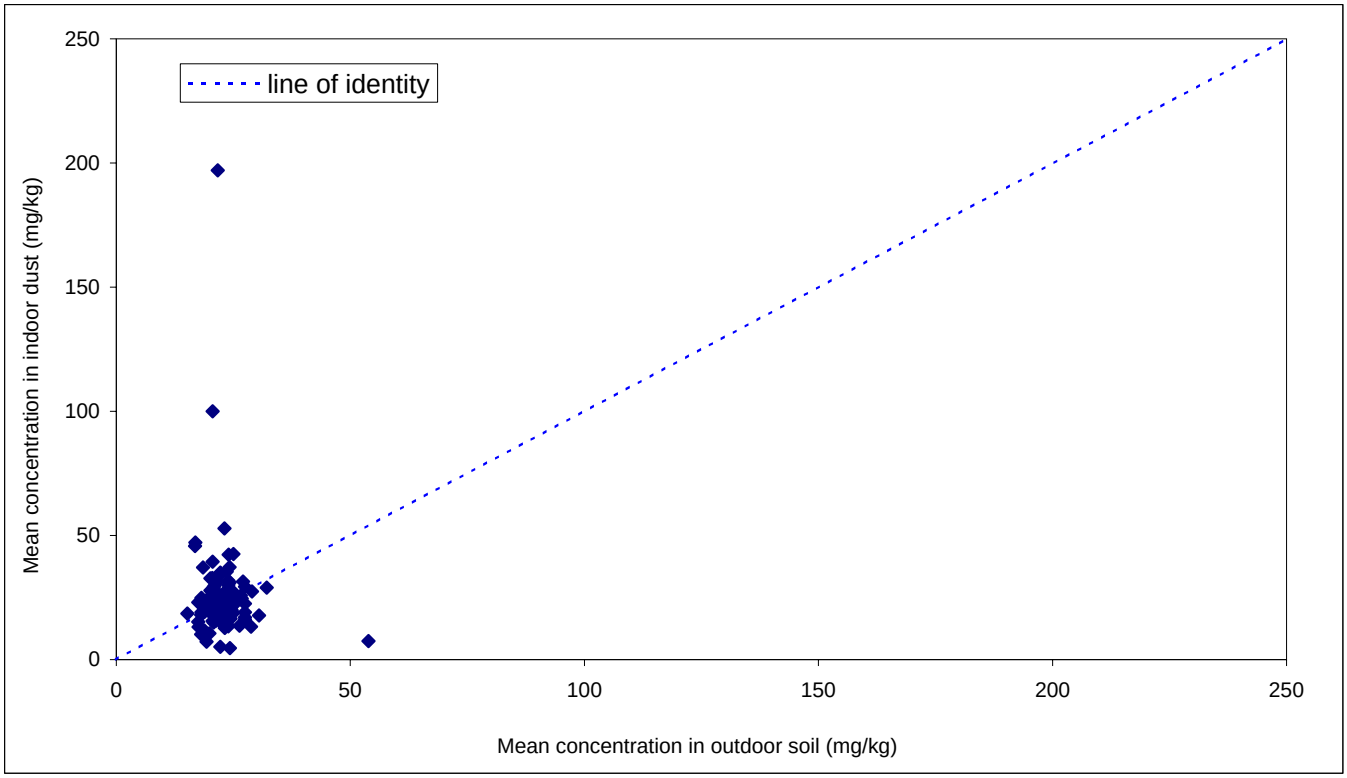

Figure I-13. Paired Soil and Dust Data for Potassium

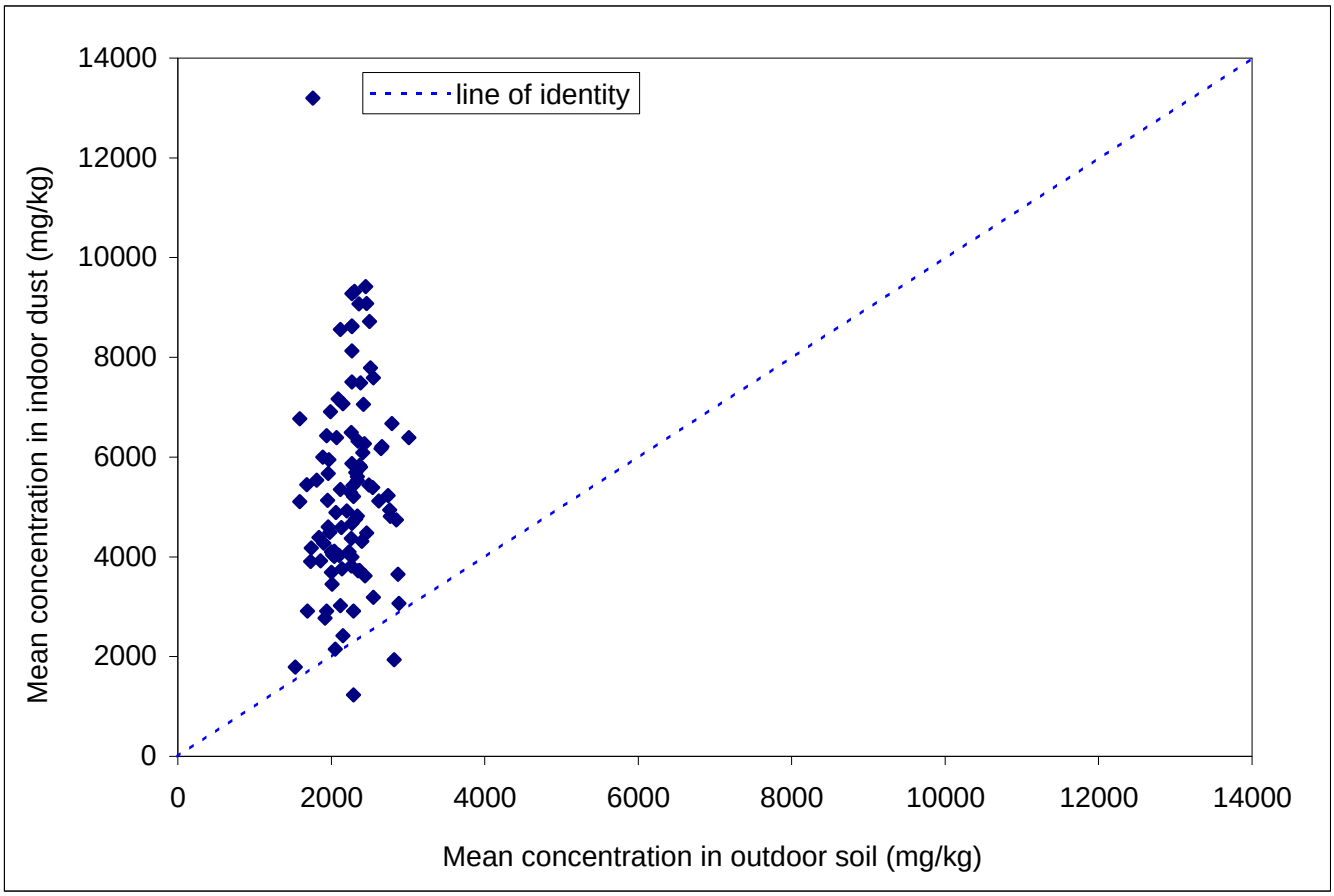

Figure I-14. Paired Soil and Dust Data for Silicon

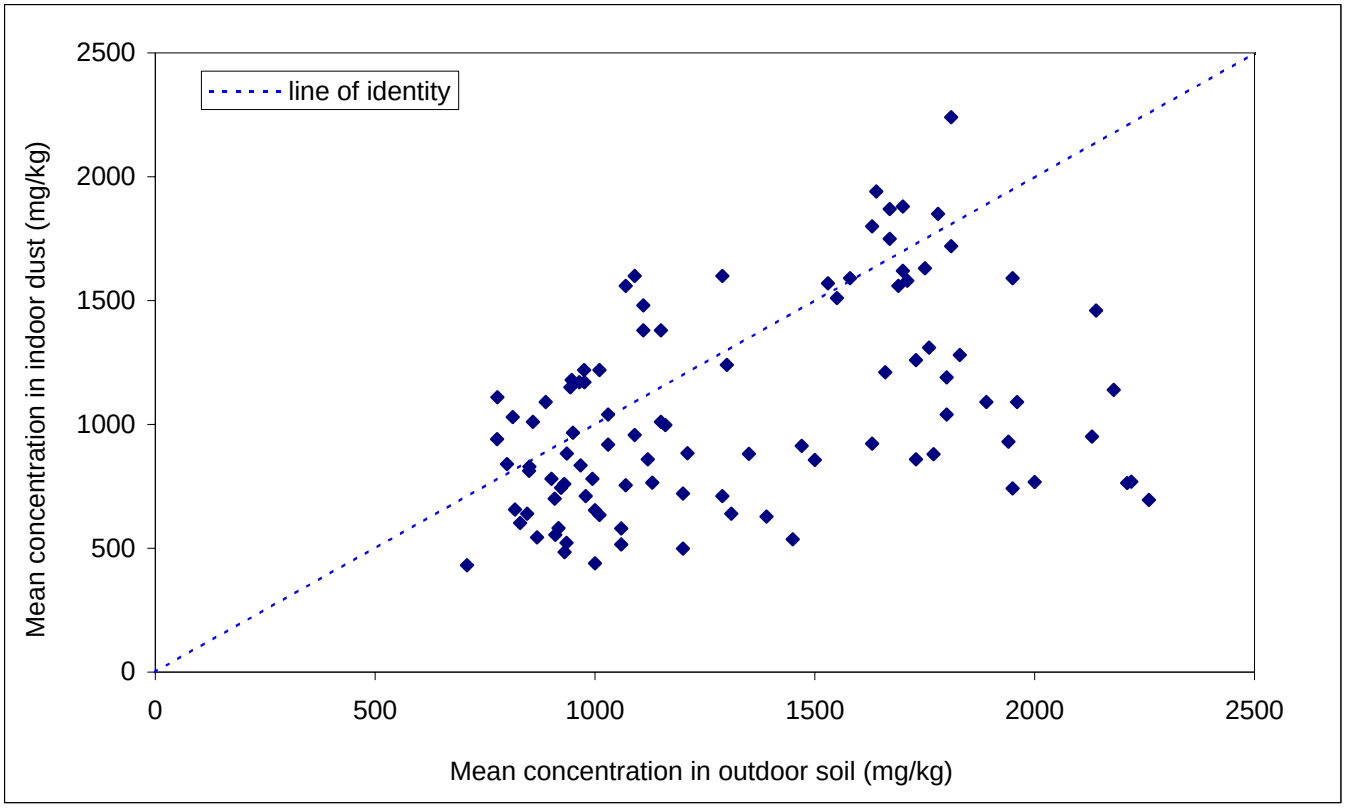

Figure I-15. Paired Soil and Dust Data for Titanium

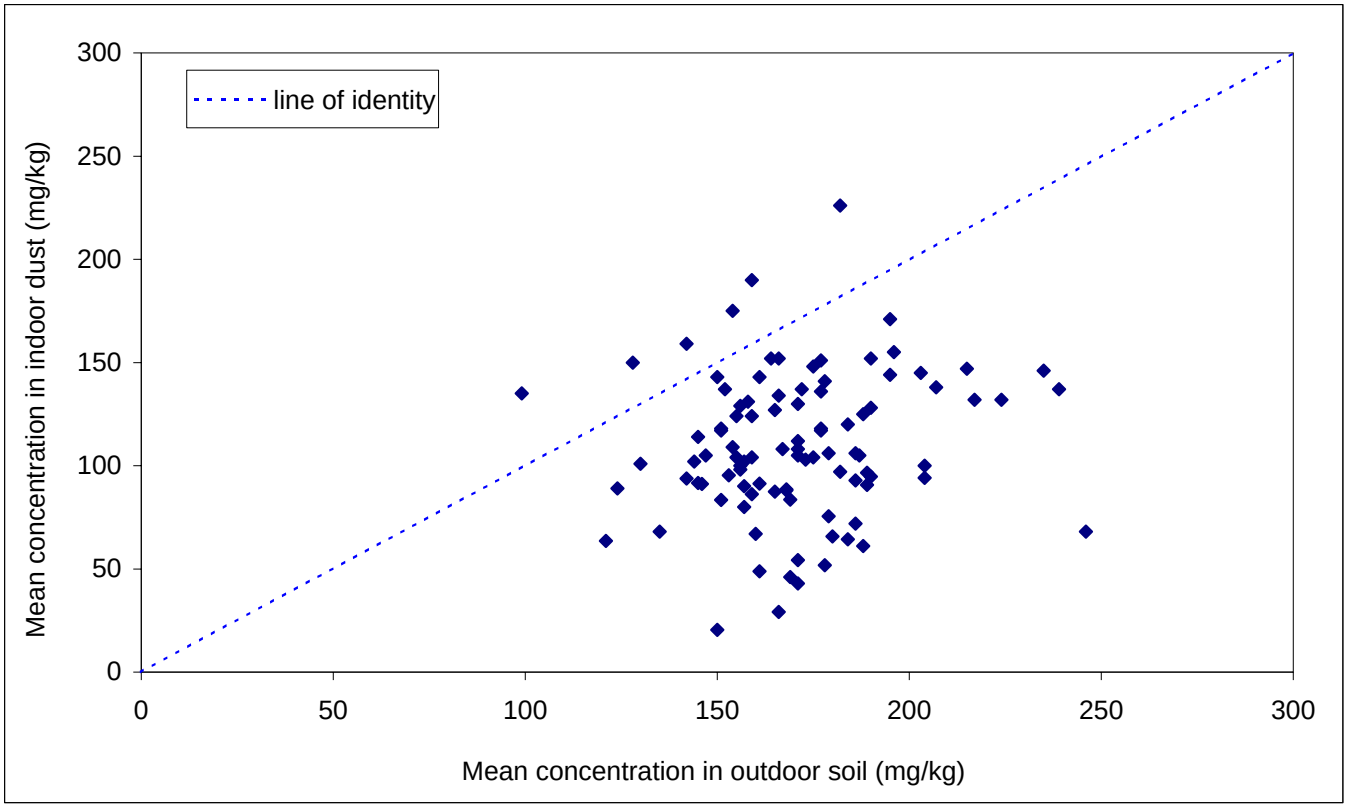

Figure I-16. Paired Soil and Dust Data for Vanadium

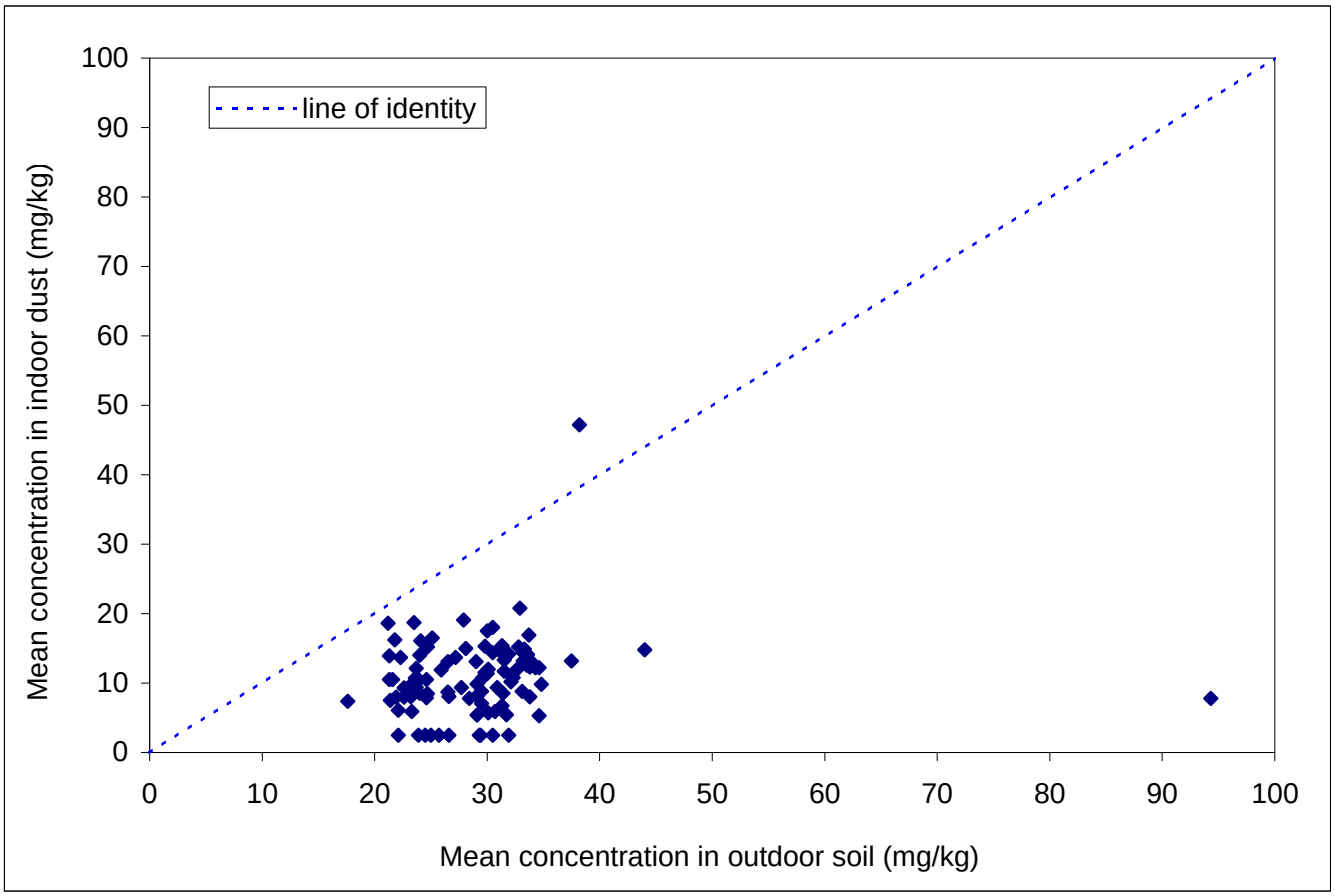

Figure I-17. Paired Soil and Dust Data for Zinc